

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040924\
 Data File : VX040953.D
 Acq On : 09 Apr 2024 16:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 10 00:37:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/10/2024
 Supervised By : Mahesh Dadoda 04/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	54164	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	91768	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	86921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	50389	51.848	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.700%			
35) Dibromofluoromethane	5.373	113	34664	53.330	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.660%			
50) Toluene-d8	8.647	98	120581	51.339	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.680%			
62) 4-Bromofluorobenzene	11.079	95	50433	53.769	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	33158	45.164	ug/l	97
3) Chloromethane	1.301	50	31425	49.548	ug/l	99
4) Vinyl Chloride	1.374	62	35644	54.444	ug/l	99
5) Bromomethane	1.599	94	21600	53.629	ug/l	97
6) Chloroethane	1.685	64	22652	53.675	ug/l	96
7) Trichlorofluoromethane	1.886	101	62653	49.993	ug/l	97
8) Diethyl Ether	2.130	74	20587	50.834	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	31124	48.174	ug/l	98
10) Methyl Iodide	2.447	142	35880	45.781	ug/l	99
11) Tert butyl alcohol	2.953	59	43830	247.025	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	28587	47.176	ug/l	99
13) Acrolein	2.233	56	24439	252.328	ug/l	99
14) Allyl chloride	2.660	41	54275	50.000	ug/l	90
15) Acrylonitrile	3.056	53	90883	242.812	ug/l	97
16) Acetone	2.374	43	85312	226.075	ug/l	99
17) Carbon Disulfide	2.508	76	72995	41.641	ug/l	98
18) Methyl Acetate	2.697	43	42235	47.176	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	106392	49.880	ug/l	99
20) Methylene Chloride	2.782	84	32124	45.936	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	29477	46.056	ug/l	97
22) Diisopropyl ether	3.751	45	107951	51.101	ug/l	94
23) Vinyl Acetate	3.715	43	524516	259.056	ug/l	98
24) 1,1-Dichloroethane	3.605	63	59001	48.886	ug/l	99
25) 2-Butanone	4.544	43	134815	240.497	ug/l	99
26) 2,2-Dichloropropane	4.471	77	52224	50.400	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	35978	48.680	ug/l	97
28) Bromochloromethane	4.891	49	26162	48.210	ug/l	99
29) Tetrahydrofuran	4.995	42	87928	241.326	ug/l	99
30) Chloroform	5.087	83	66395	50.542	ug/l	97
31) Cyclohexane	5.465	56	48749	47.270	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	59189	50.704	ug/l	97
36) 1,1-Dichloropropene	5.690	75	43539	47.142	ug/l	98
37) Ethyl Acetate	4.702	43	55639	49.060	ug/l	97
38) Carbon Tetrachloride	5.672	117	50783	49.669	ug/l	100
39) Methylcyclohexane	7.373	83	48491	43.942	ug/l	98
40) Benzene	6.032	78	124264	48.477	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	30857	52.980	ug/l	97
42) 1,2-Dichloroethane	6.074	62	56074	50.366	ug/l	96
43) Isopropyl Acetate	6.330	43	87627	50.032	ug/l	97
44) Trichloroethene	7.123	130	31027	48.464	ug/l	99
45) 1,2-Dichloropropane	7.428	63	31491	51.462	ug/l	97
46) Dibromomethane	7.574	93	25253	50.349	ug/l	99
47) Bromodichloromethane	7.818	83	52438	50.250	ug/l	99
48) Methyl methacrylate	7.684	41	44707	52.127	ug/l	95
49) 1,4-Dioxane	7.653	88	14361	877.470	ug/l #	96
51) 4-Methyl-2-Pentanone	8.568	43	293740	252.846	ug/l	96
52) Toluene	8.714	92	79556	49.186	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	52906	49.202	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	53438	51.644	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	31781	50.349	ug/l	93
56) Ethyl methacrylate	9.110	69	56214	51.864	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	55569	50.337	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	132688	252.523	ug/l	97
59) 2-Hexanone	9.427	43	227710	244.399	ug/l	95
60) Dibromochloromethane	9.519	129	39179	51.994	ug/l	99
61) 1,2-Dibromoethane	9.604	107	34459	50.600	ug/l	100
64) Tetrachloroethene	9.269	164	26579	46.208	ug/l	94
65) Chlorobenzene	10.073	112	90907	47.821	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	32146	50.946	ug/l	99
67) Ethyl Benzene	10.189	91	165068	48.691	ug/l	96
68) m/p-Xylenes	10.299	106	120350	97.570	ug/l	90
69) o-Xylene	10.640	106	57526	49.504	ug/l	88
70) Styrene	10.653	104	101366	50.339	ug/l	95
71) Bromoform	10.799	173	27240	48.812	ug/l #	98
73) Isopropylbenzene	10.957	105	159164	50.845	ug/l	99
74) N-amyl acetate	10.842	43	82146	51.808	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.207	83	52600	49.141	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	48251m	50.484	ug/l	
77) Bromobenzene	11.195	156	37175	50.624	ug/l	98
78) n-propylbenzene	11.299	91	195502	49.971	ug/l	97
79) 2-Chlorotoluene	11.360	91	117130	50.167	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	137737	51.517	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	17587	49.646	ug/l	94
82) 4-Chlorotoluene	11.451	91	141110	50.622	ug/l	98
83) tert-Butylbenzene	11.713	119	133417	50.301	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	136082	50.525	ug/l	99
85) sec-Butylbenzene	11.890	105	164478	48.826	ug/l	99
86) p-Isopropyltoluene	12.006	119	138678	49.082	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	71156	47.938	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	72951	46.318	ug/l	99
89) n-Butylbenzene	12.329	91	131652	47.165	ug/l	97
90) Hexachloroethane	12.536	117	24907	50.604	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	68230	46.904	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	13413	48.767	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	45025	44.647	ug/l	98
94) Hexachlorobutadiene	13.725	225	14872	38.497	ug/l	98
95) Naphthalene	13.774	128	154699	47.642	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	44023	45.758	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

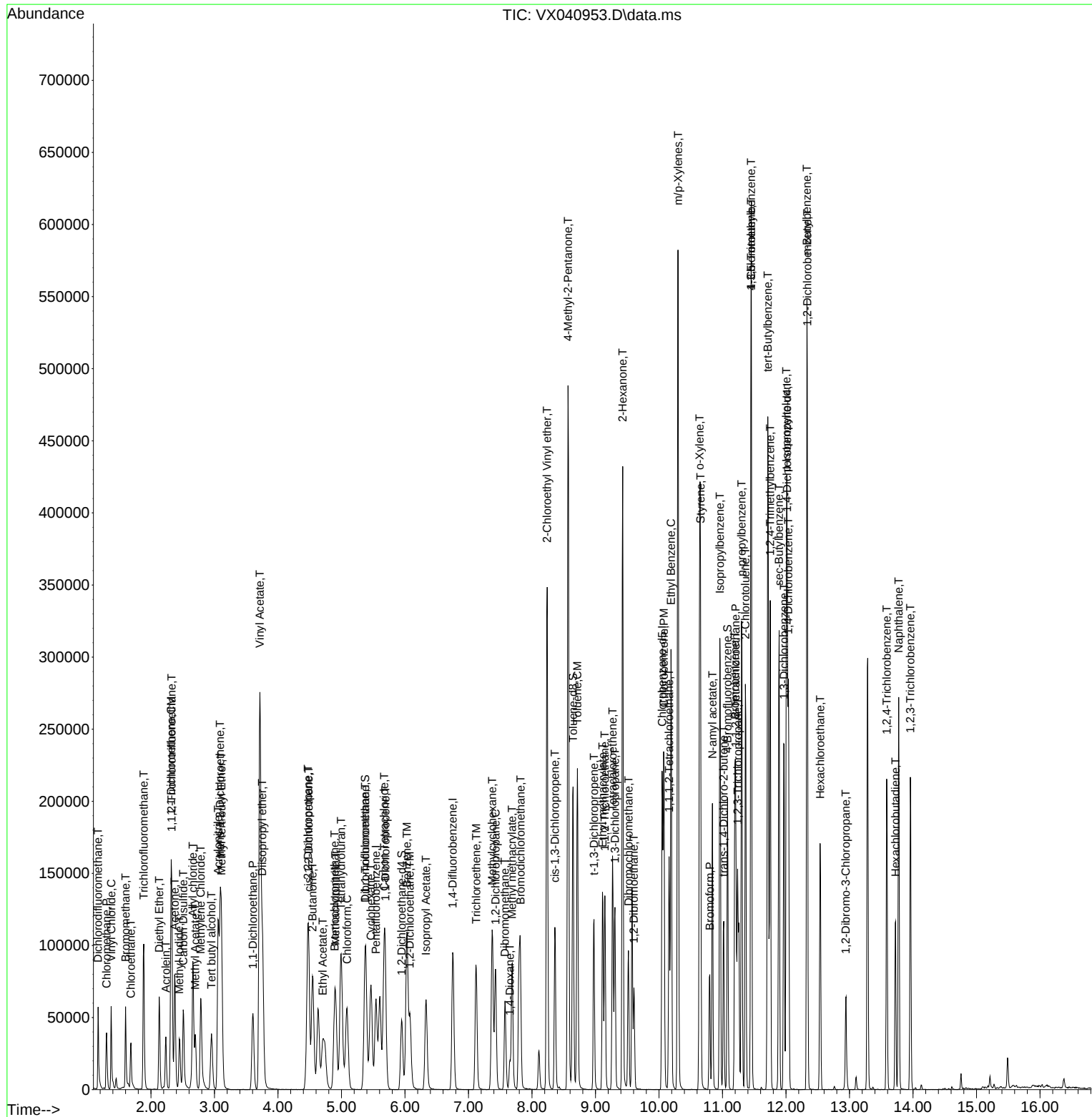
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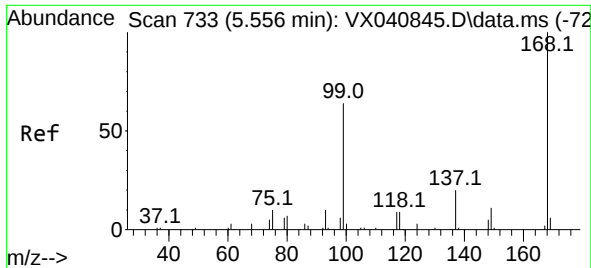
Instrument :
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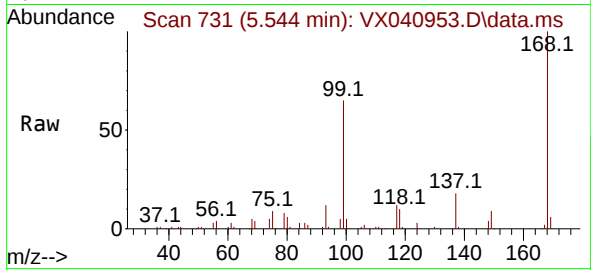
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX040953.D
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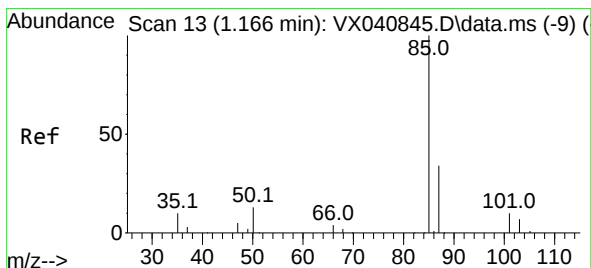
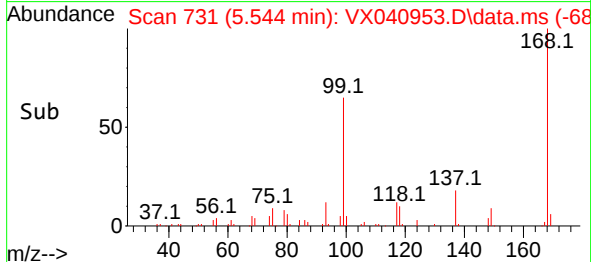
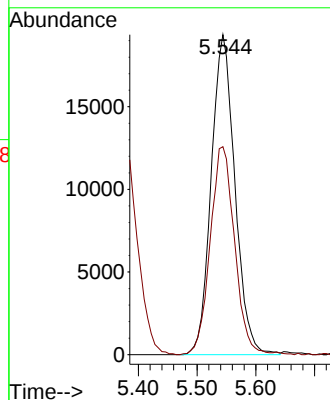
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 54164
Ion Ratio Lower Upper
168 100
99 65.0 56.6 85.0

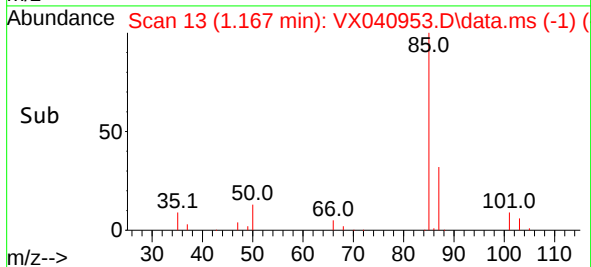
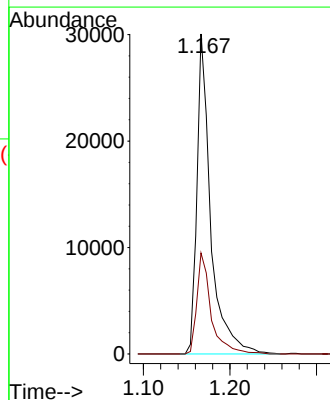
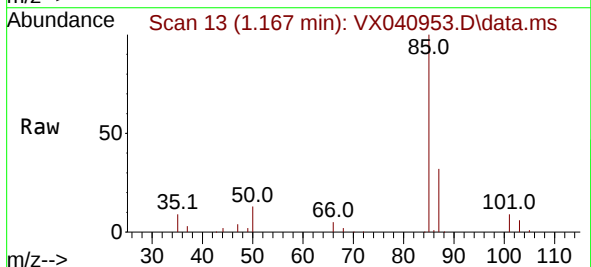
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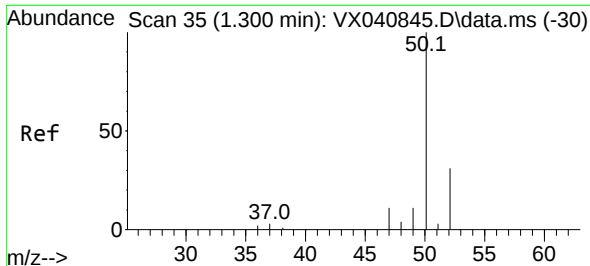
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024



#2
Dichlorodifluoromethane
Concen: 45.164 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

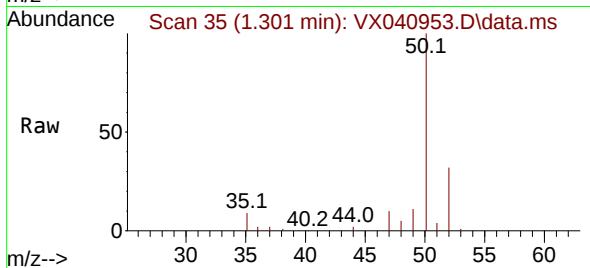
Tgt Ion: 85 Resp: 33158
Ion Ratio Lower Upper
85 100
87 31.6 16.7 50.1





#3
Chloromethane
Concen: 49.548 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

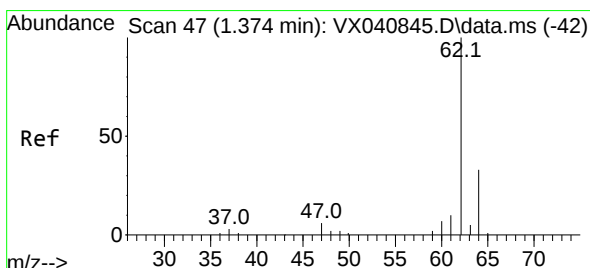
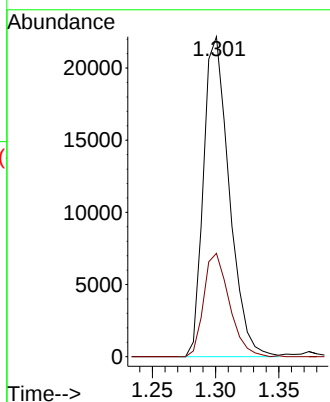
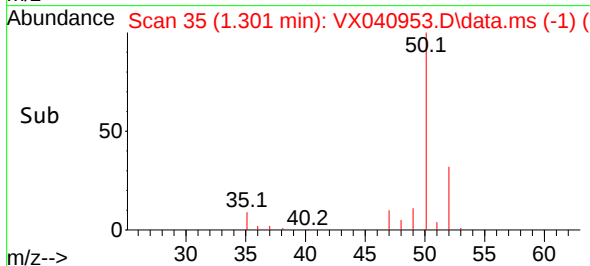
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 31425
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3

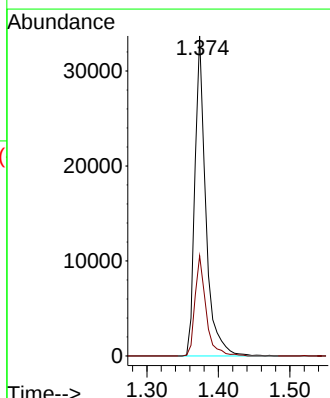
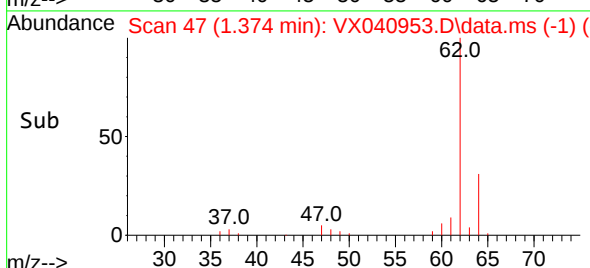
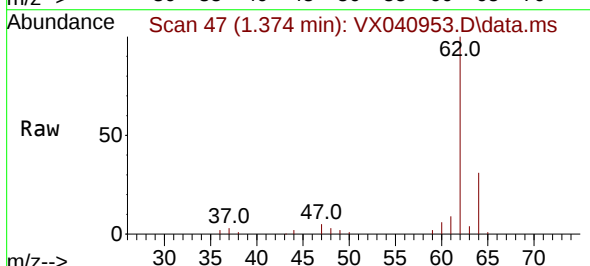
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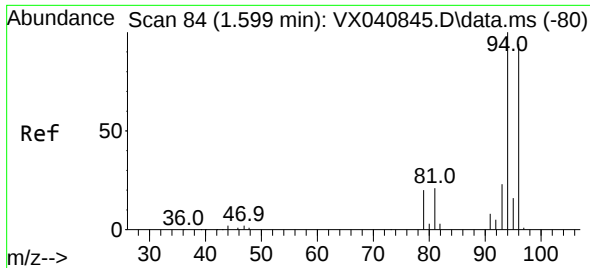
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024



#4
Vinyl Chloride
Concen: 54.444 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

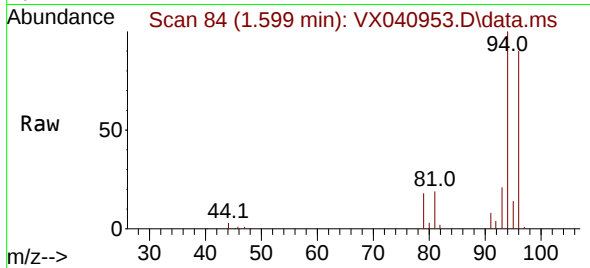
Tgt Ion: 62 Resp: 35644
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0





#5
Bromomethane
Concen: 53.629 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

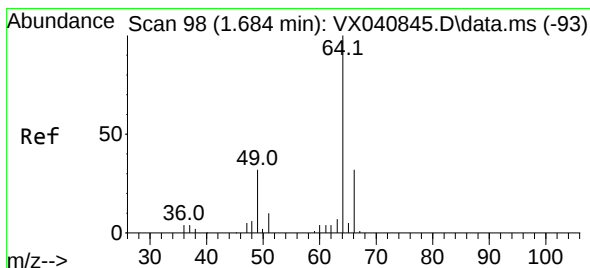
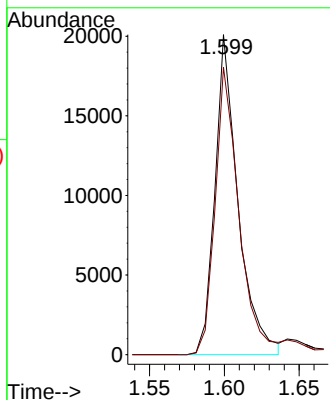
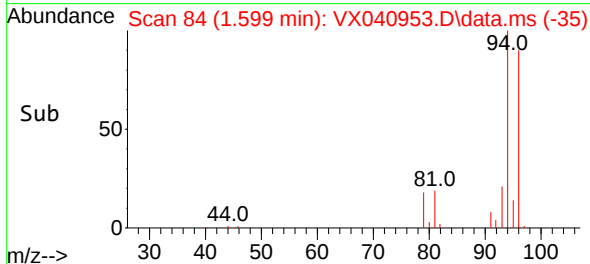
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Tgt Ion: 94 Resp: 21600
Ion Ratio Lower Upper
94 100
96 89.8 74.6 111.8

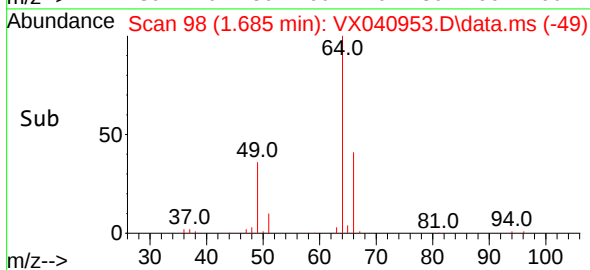
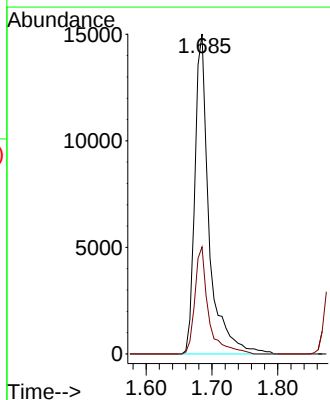
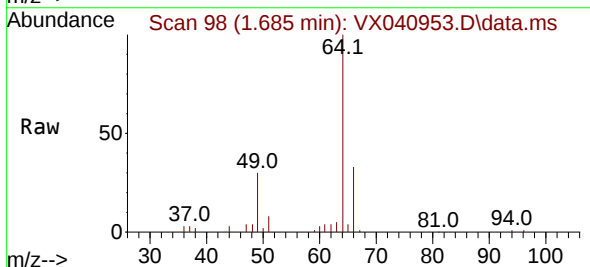
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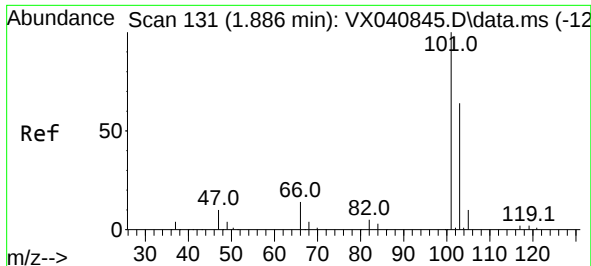
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024



#6
Chloroethane
Concen: 53.675 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

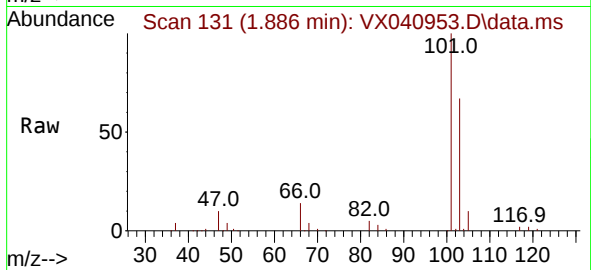
Tgt Ion: 64 Resp: 22652
Ion Ratio Lower Upper
64 100
66 33.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.993 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

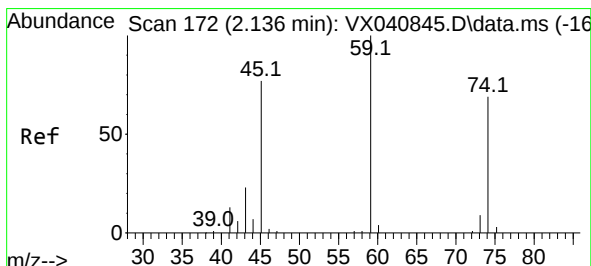
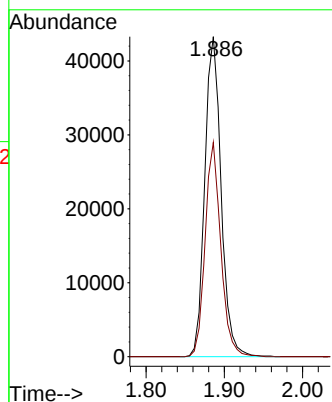
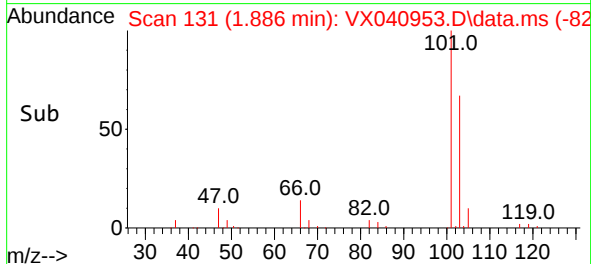
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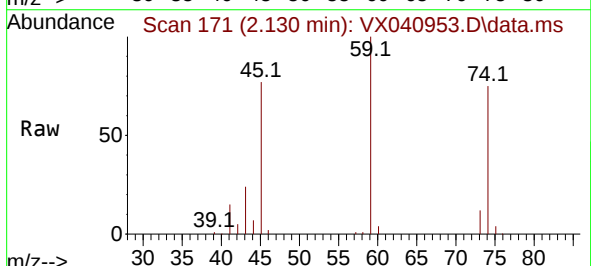
Tgt Ion:101 Resp: 6265
Ion Ratio Lower Upper
101 100
103 67.0 51.4 77.2

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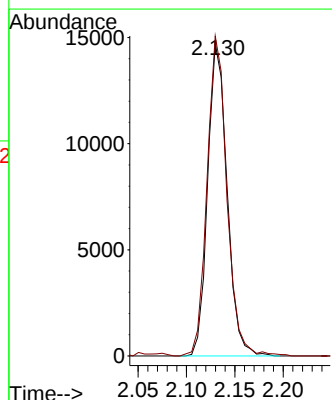
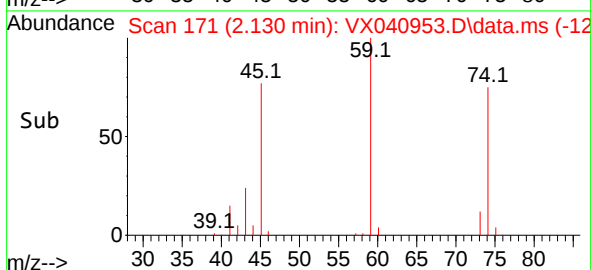
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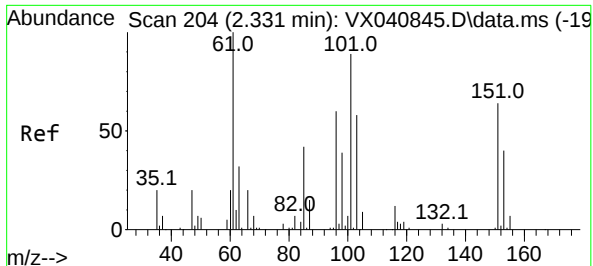


#8
Diethyl Ether
Concen: 50.834 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29



Tgt Ion: 74 Resp: 20587
Ion Ratio Lower Upper
74 100
45 104.8 53.3 159.8





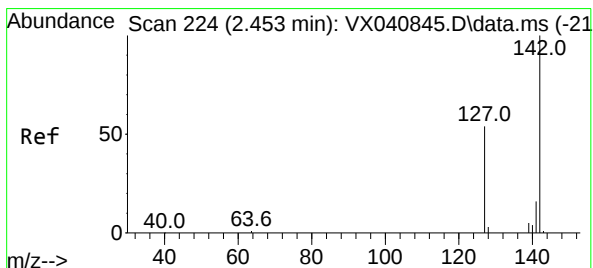
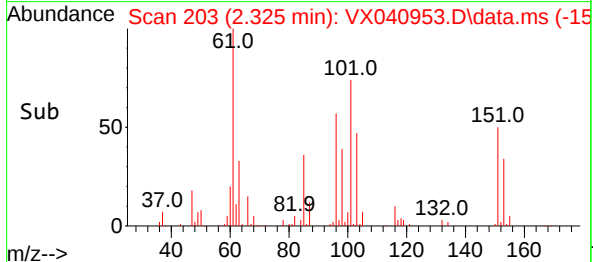
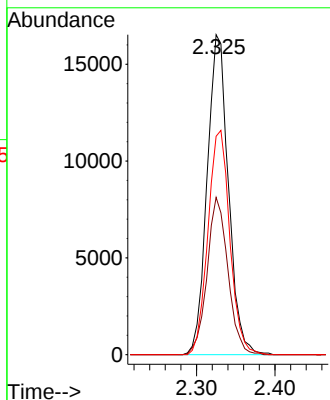
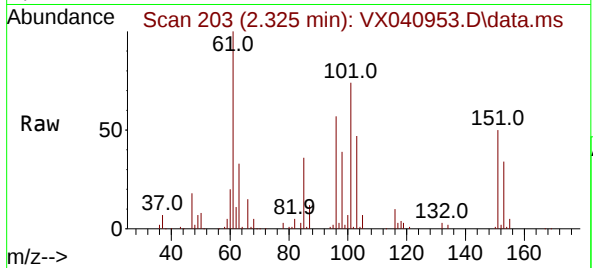
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.174 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 31124
Ion Ratio Lower Upper
101 100
85 48.2 37.0 55.6
151 72.2 58.6 87.8

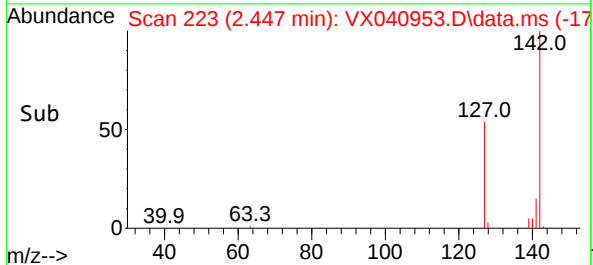
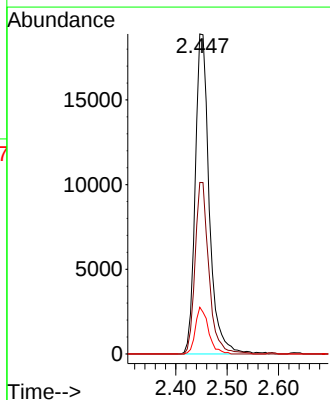
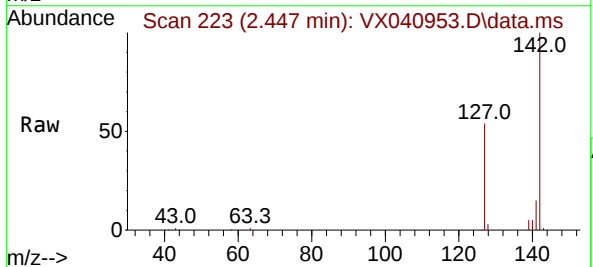
Manual Integrations
APPROVED

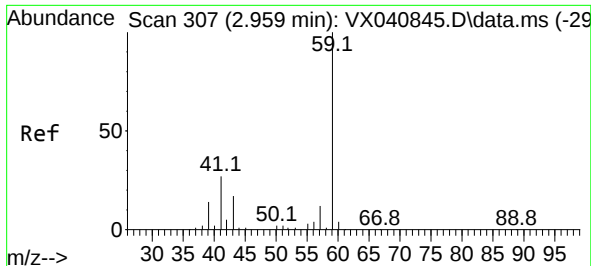
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024



#10
Methyl Iodide
Concen: 45.781 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Tgt Ion:142 Resp: 35880
Ion Ratio Lower Upper
142 100
127 52.6 41.6 62.4
141 13.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 247.025 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 43830

Ion Ratio Lower Upper

59 100

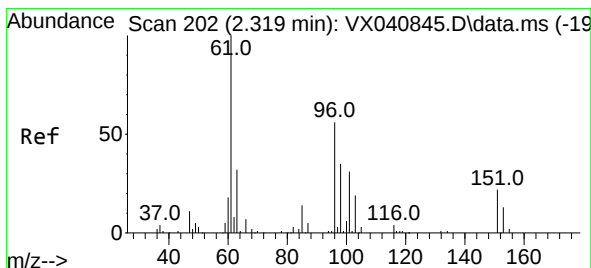
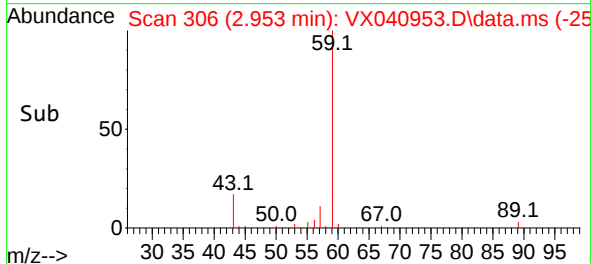
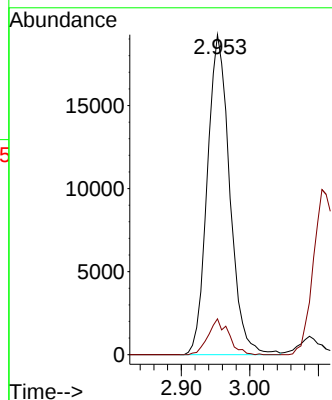
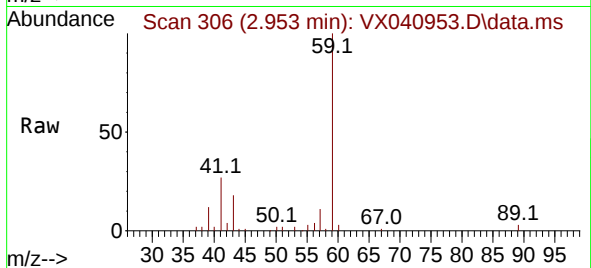
57 10.2 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#12

1,1-Dichloroethene

Concen: 47.176 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

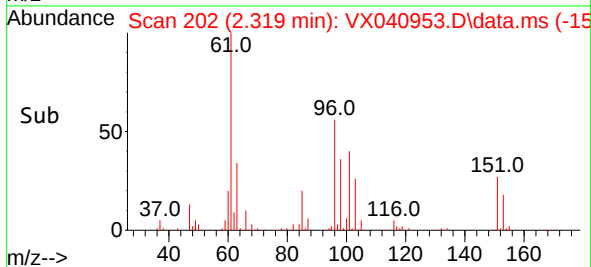
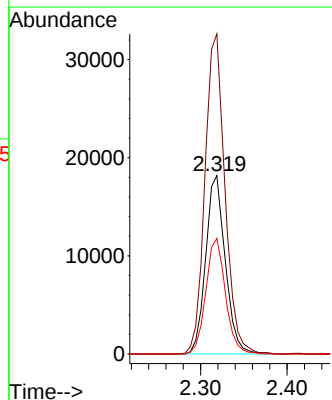
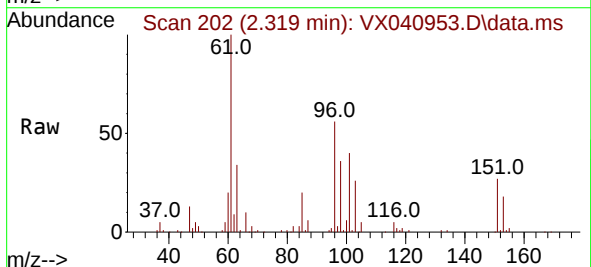
Tgt Ion: 96 Resp: 28587

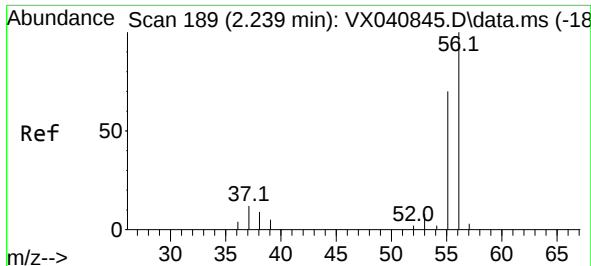
Ion Ratio Lower Upper

96 100

61 179.4 144.6 216.8

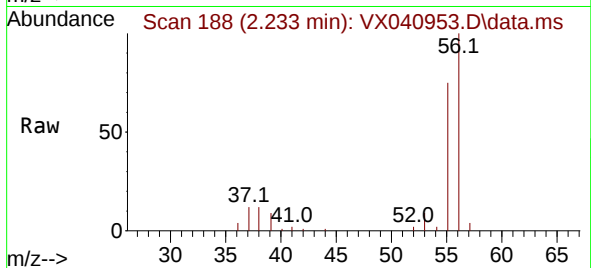
98 64.8 50.4 75.6





#13
Acrolein
Concen: 252.328 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

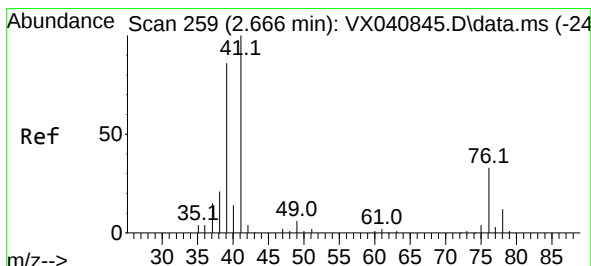
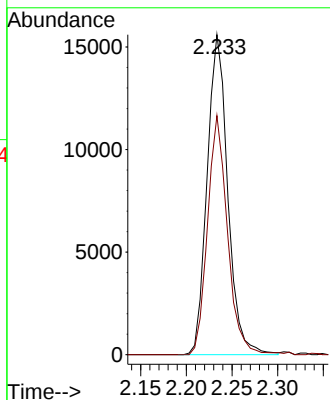
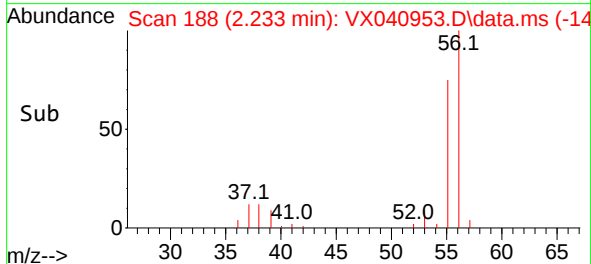
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



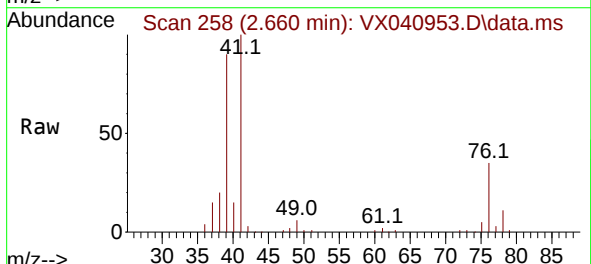
Tgt Ion: 56 Resp: 24439
Ion Ratio Lower Upper
56 100
55 72.5 57.1 85.7

Manual Integrations
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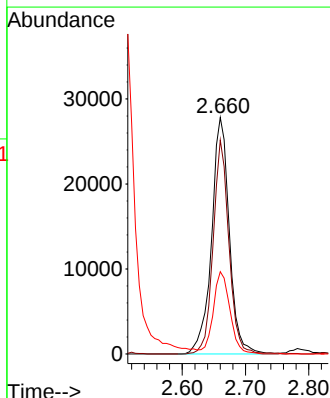
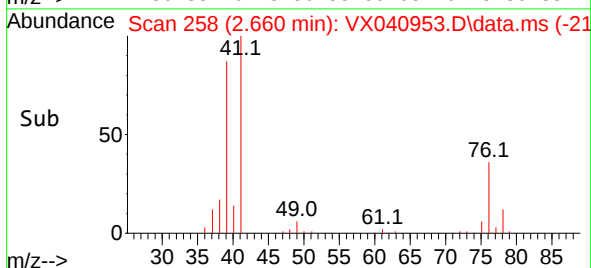
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024

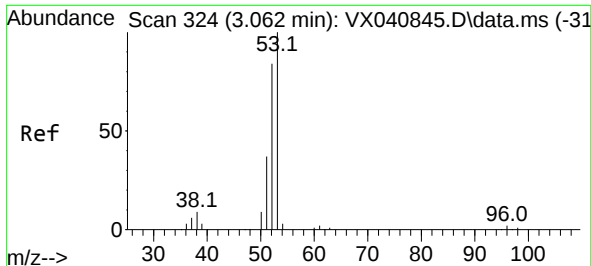


#14
Allyl chloride
Concen: 50.000 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29



Tgt Ion: 41 Resp: 54275
Ion Ratio Lower Upper
41 100
39 80.1 55.8 83.6
76 32.7 24.3 36.5





#15

Acrylonitrile

Concen: 242.812 ug/l

RT: 3.056 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

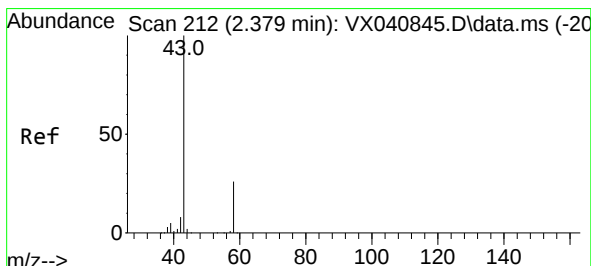
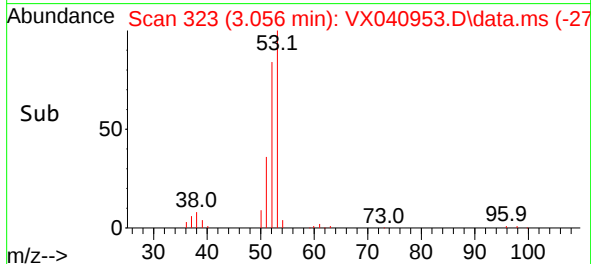
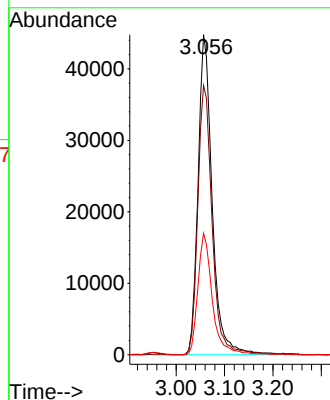
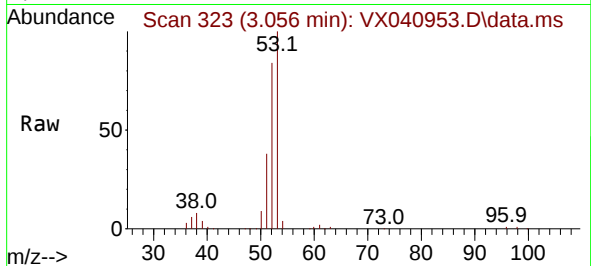
Tgt Ion: 53	Resp: 9088
Ion Ratio	Lower Upper
53 100	
52 85.3	66.0 99.0
51 38.8	29.8 44.6

Manual Integrations

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Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#16

Acetone

Concen: 226.075 ug/l

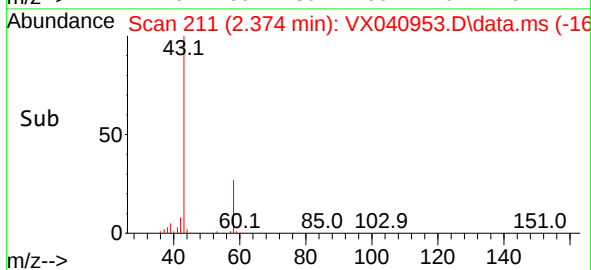
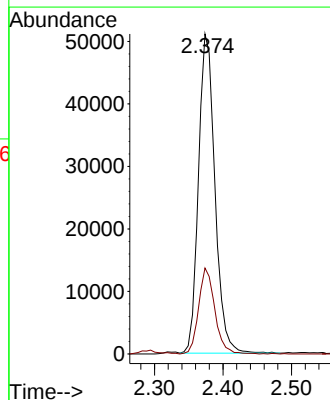
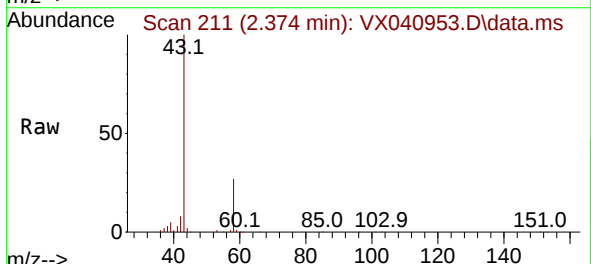
RT: 2.374 min Scan# 211

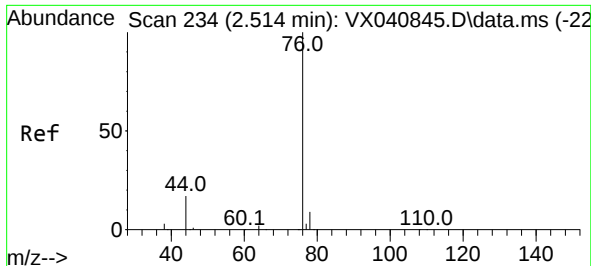
Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

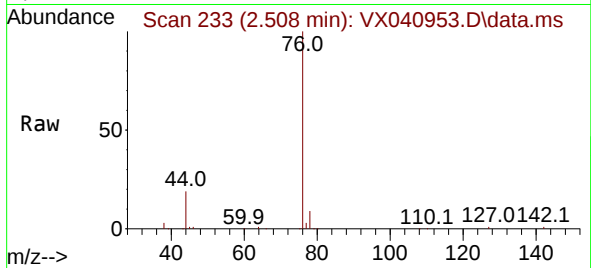
Tgt Ion: 43	Resp: 85312
Ion Ratio	Lower Upper
43 100	
58 26.9	21.9 32.9





#17
Carbon Disulfide
Concen: 41.641 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

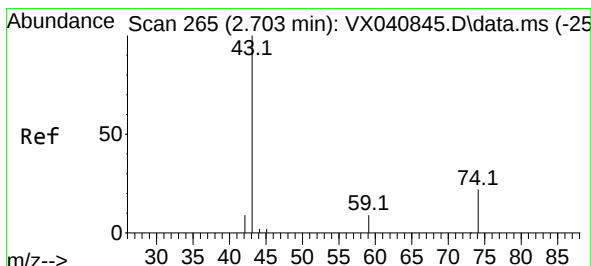
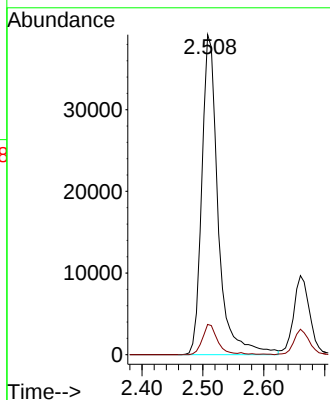
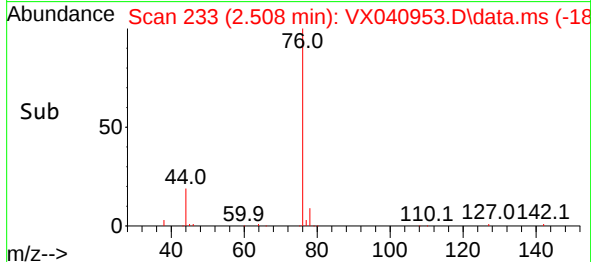
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 7299
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

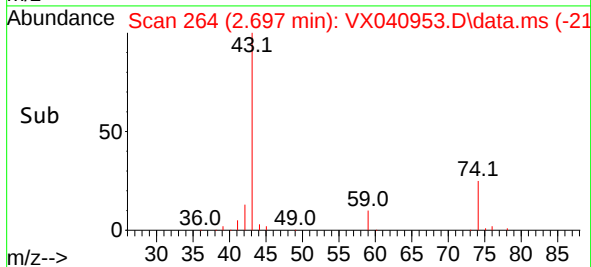
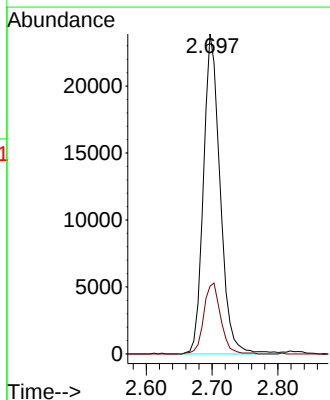
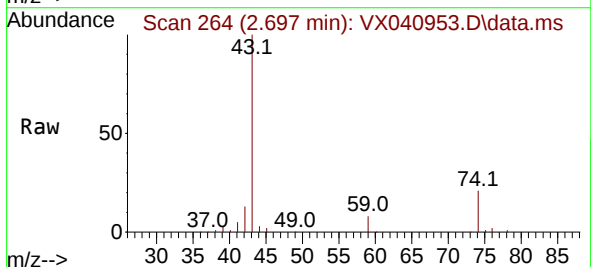
Manual Integrations
APPROVED

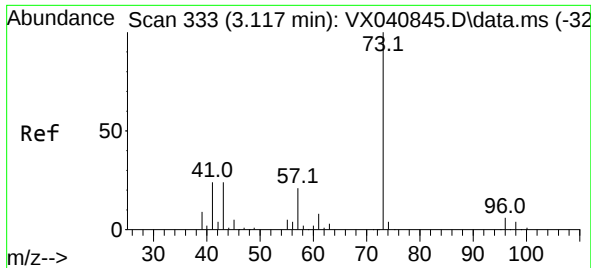
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024



#18
Methyl Acetate
Concen: 47.176 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

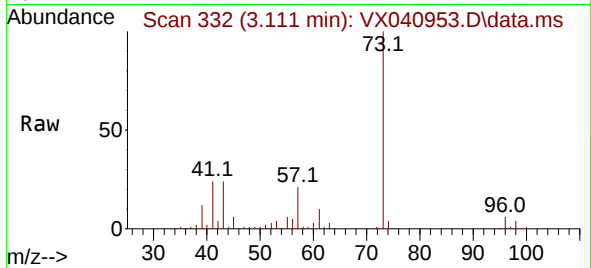
Tgt Ion: 43 Resp: 42235
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 49.880 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

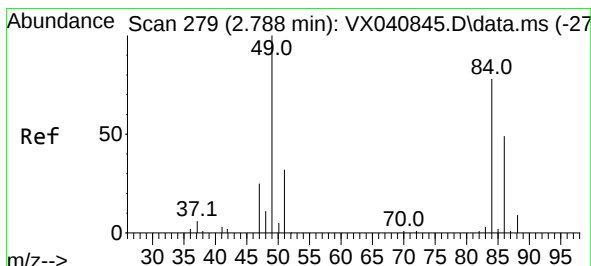
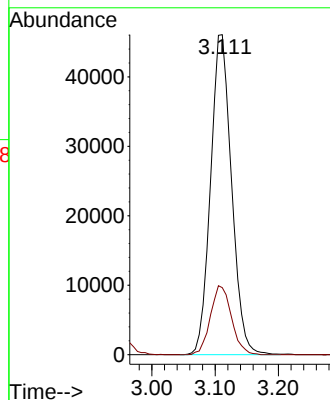
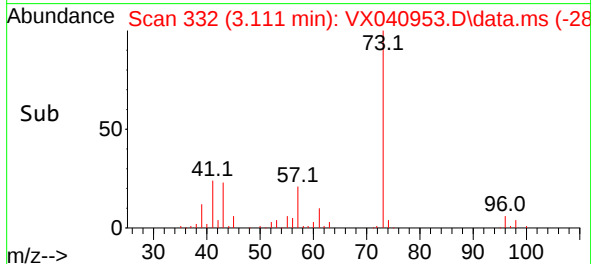
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



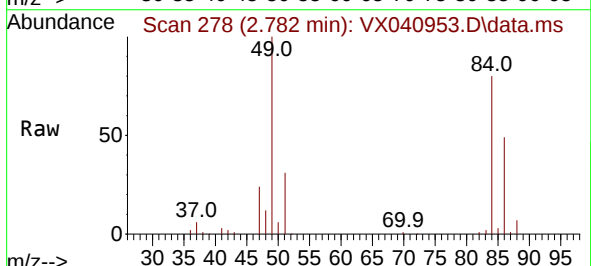
Tgt Ion: 73 Resp: 106392
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9

Manual Integrations
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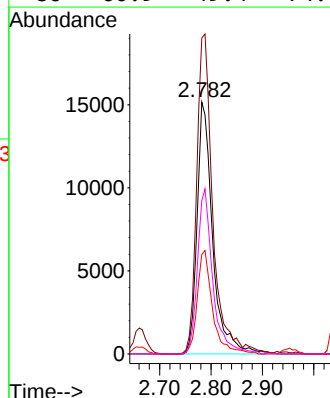
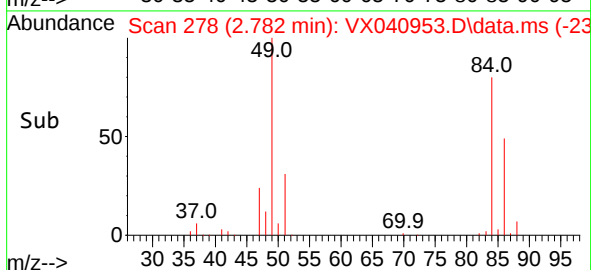
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024

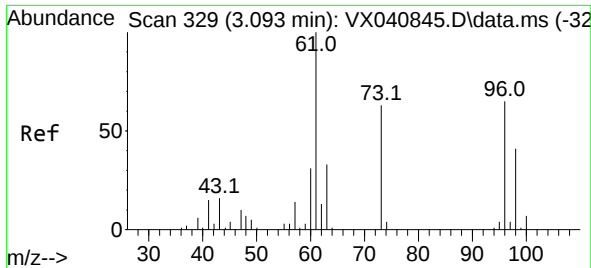


#20
Methylene Chloride
Concen: 45.936 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29



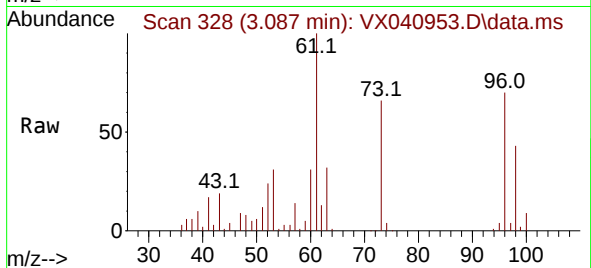
Tgt Ion: 84 Resp: 32124
Ion Ratio Lower Upper
84 100
49 125.5 103.6 155.4
51 39.5 33.8 50.6
86 60.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 46.056 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

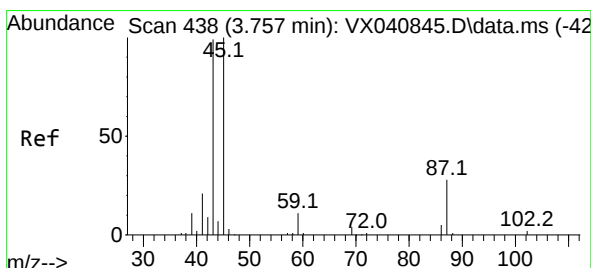
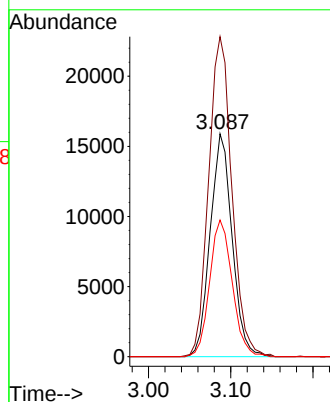
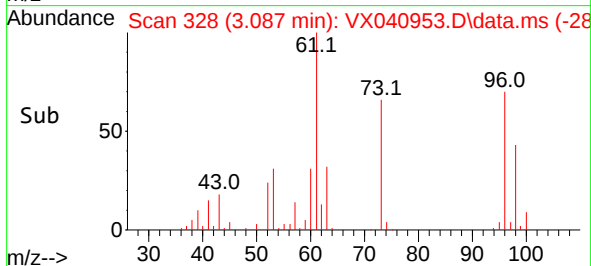
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



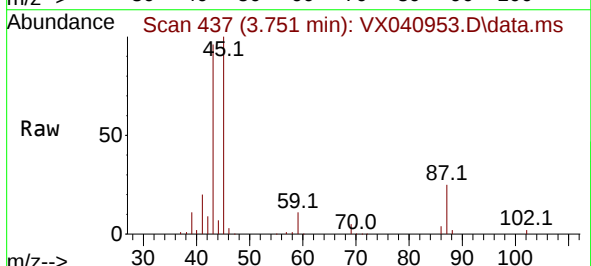
Tgt Ion: 96 Resp: 2947
Ion Ratio Lower Upper
96 100
61 143.6 119.2 178.8
98 61.3 48.7 73.1

Manual Integrations
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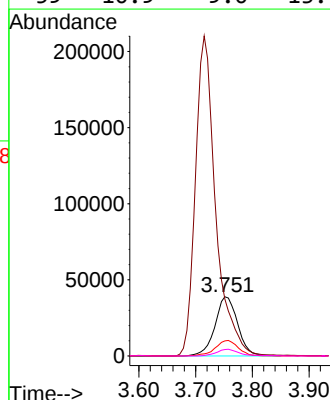
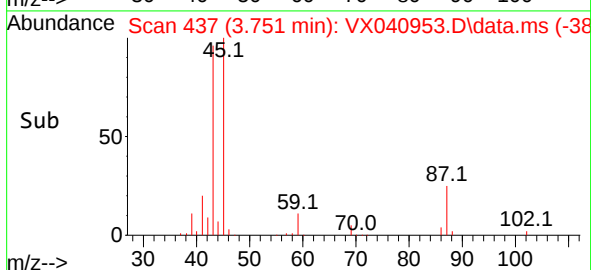
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024

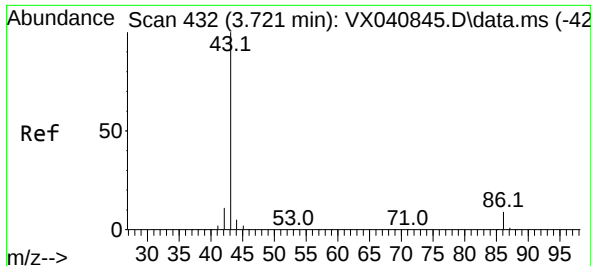


#22
Diisopropyl ether
Concen: 51.101 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29



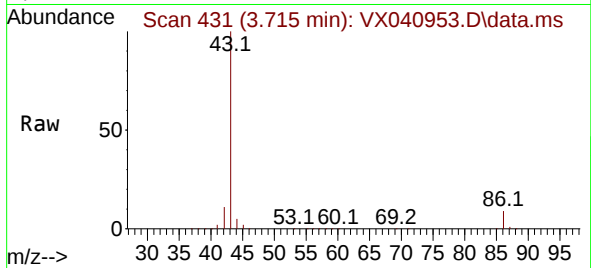
Tgt Ion: 45 Resp: 107951
Ion Ratio Lower Upper
45 100
43 94.9 69.7 104.5
87 25.3 20.8 31.2
59 10.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 259.056 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX040953.D
 Acq: 09 Apr 2024 16:29

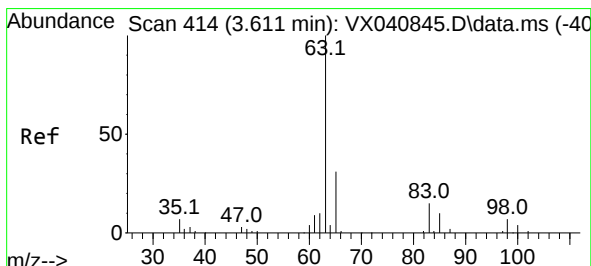
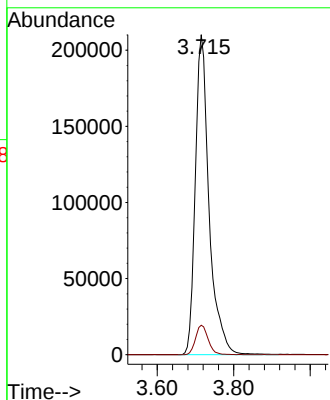
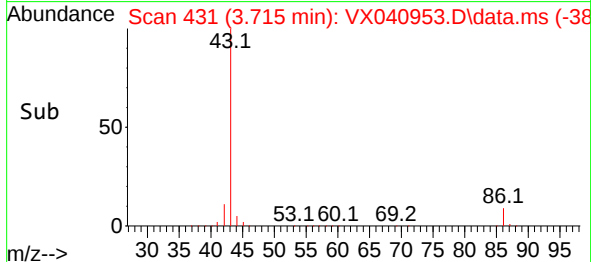
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



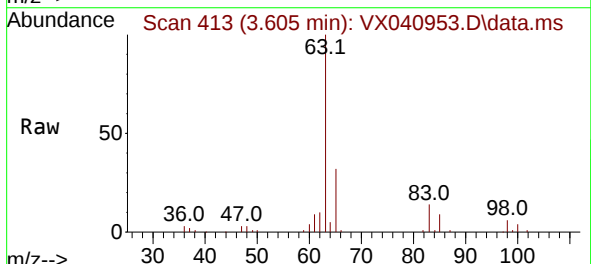
Tgt Ion: 43 Resp: 524510
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.8 11.8

Manual Integrations
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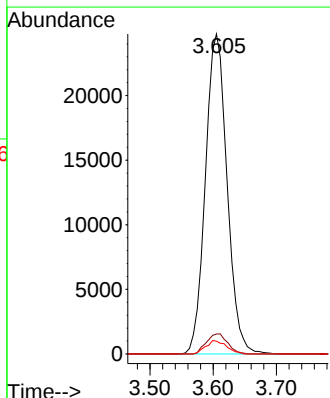
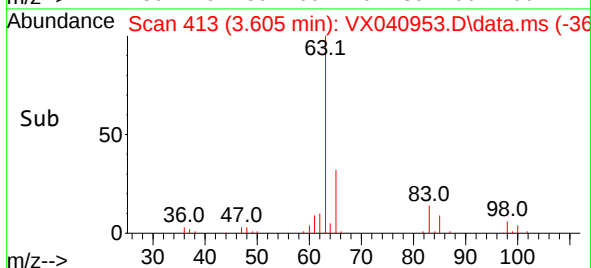
Reviewed By :John Carlone 04/10/2024
 Supervised By :Mahesh Dadoda 04/10/2024

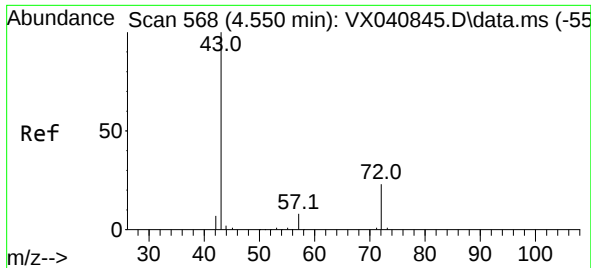


#24
 1,1-Dichloroethane
 Concen: 48.886 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX040953.D
 Acq: 09 Apr 2024 16:29



Tgt Ion: 63 Resp: 59001
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.8
 100 4.0 2.1 6.5





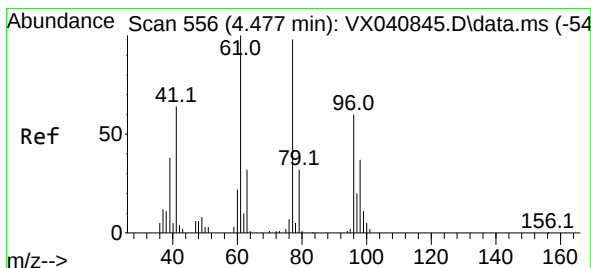
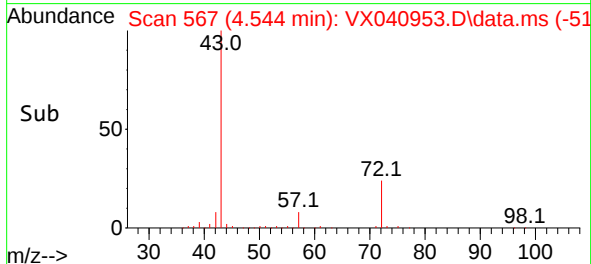
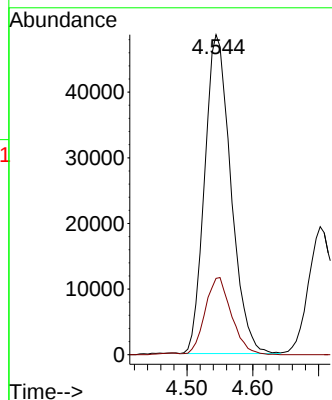
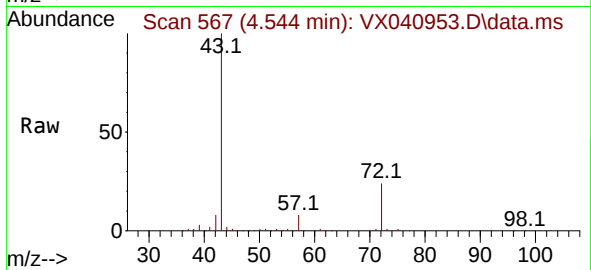
#25
2-Butanone
Concen: 240.497 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 13481
Ion Ratio Lower Upper
43 100
72 23.9 19.4 29.2

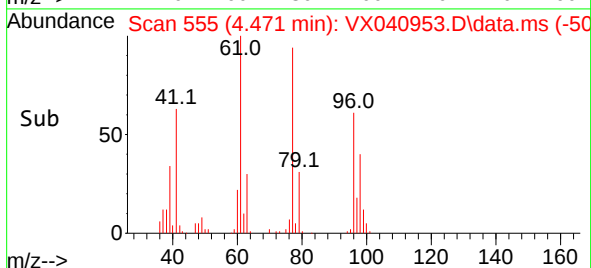
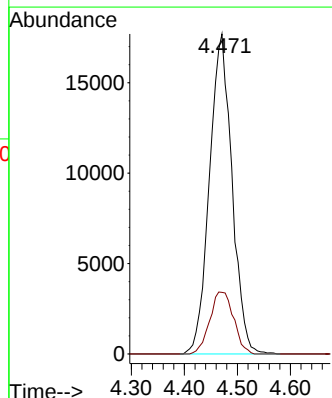
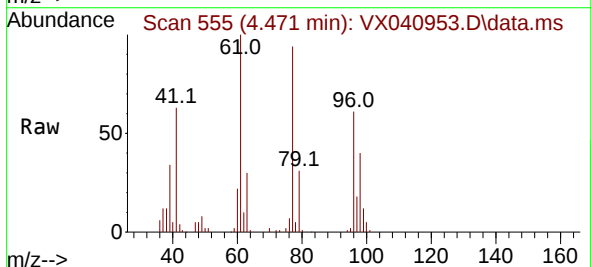
Manual Integrations
APPROVED

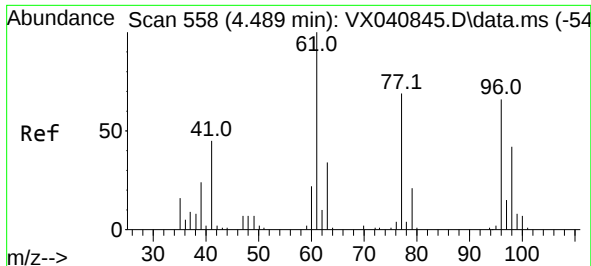
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024



#26
2,2-Dichloropropane
Concen: 50.400 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Tgt Ion: 77 Resp: 52224
Ion Ratio Lower Upper
77 100
97 20.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 48.680 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 35978

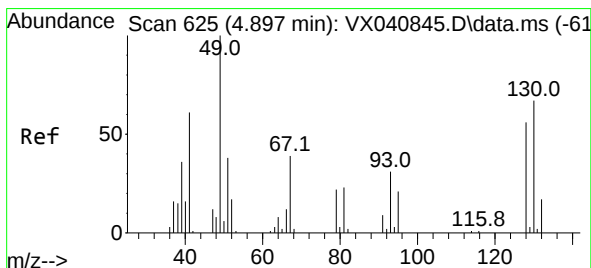
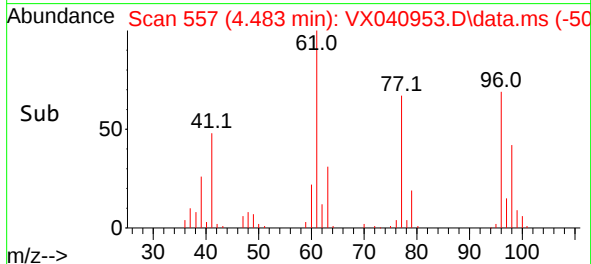
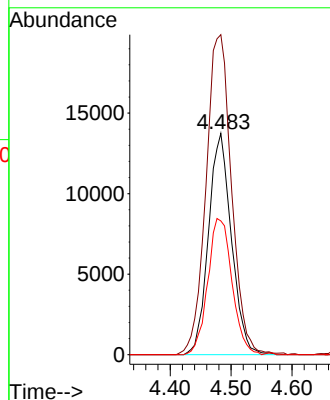
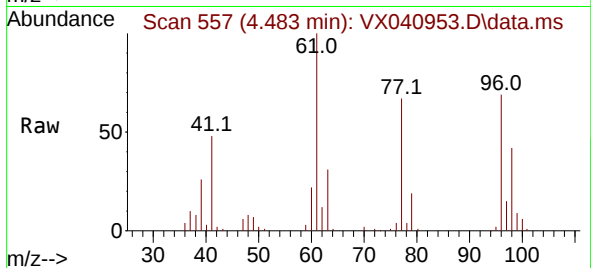
Ion	Ratio	Lower	Upper
96	100		
61	161.0	0.0	312.2
98	64.9	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#28

Bromochloromethane

Concen: 48.210 ug/l

RT: 4.891 min Scan# 624

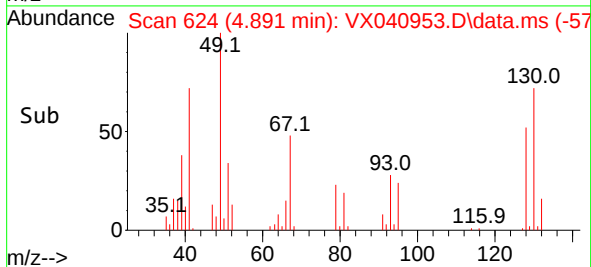
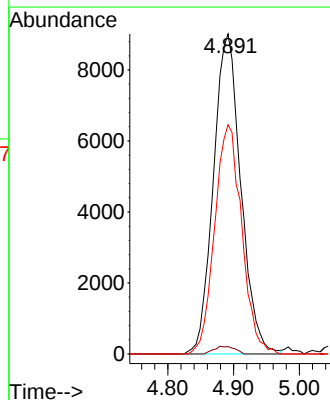
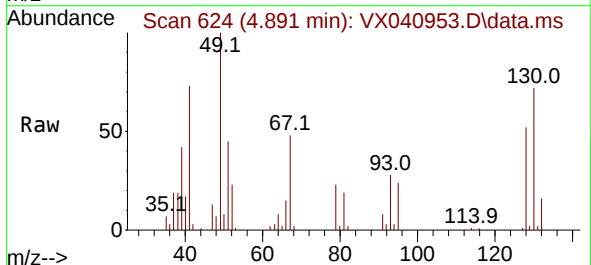
Delta R.T. -0.006 min

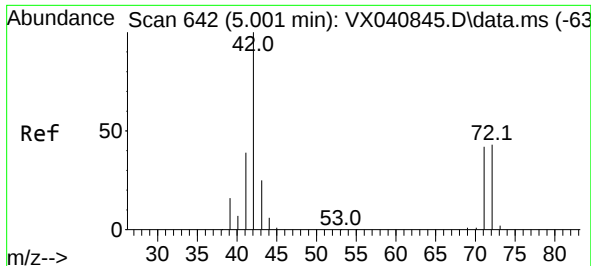
Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Tgt Ion: 49 Resp: 26162

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	70.7	57.5	86.3





#29

Tetrahydrofuran

Concen: 241.326 ug/l

RT: 4.995 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

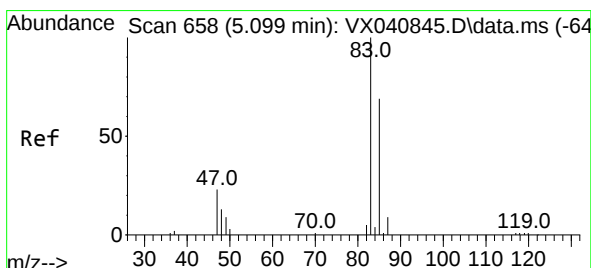
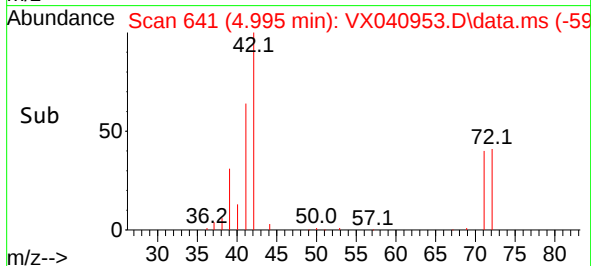
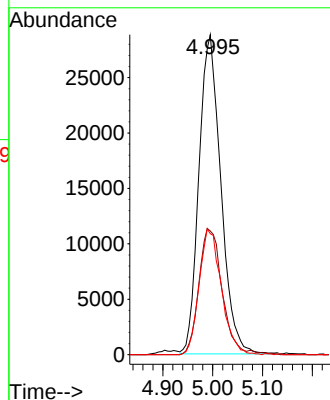
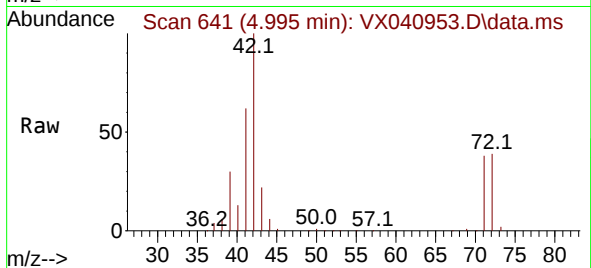
Tgt Ion:	42	Resp:	87928
Ion	Ratio	Lower	Upper
42	100		
72	42.1	34.2	51.4
71	39.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#30

Chloroform

Concen: 50.542 ug/l

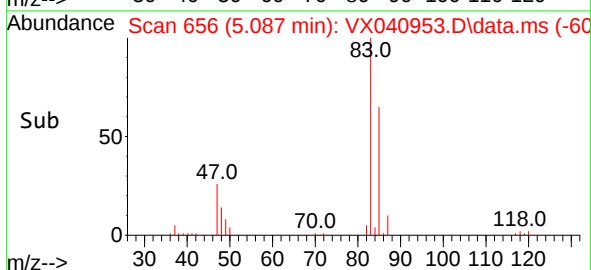
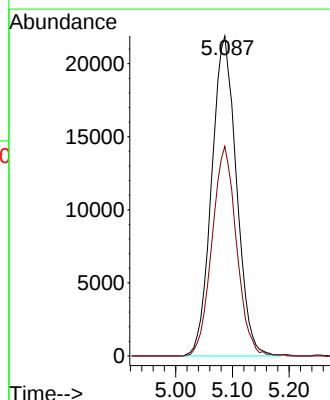
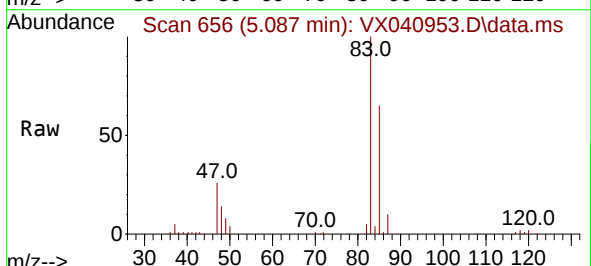
RT: 5.087 min Scan# 656

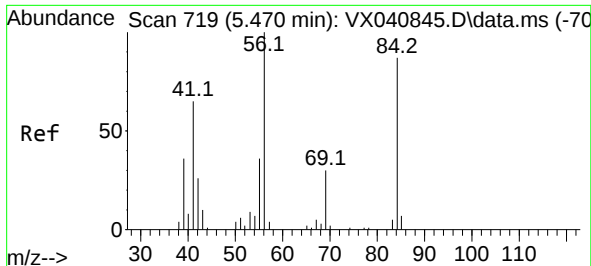
Delta R.T. -0.012 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

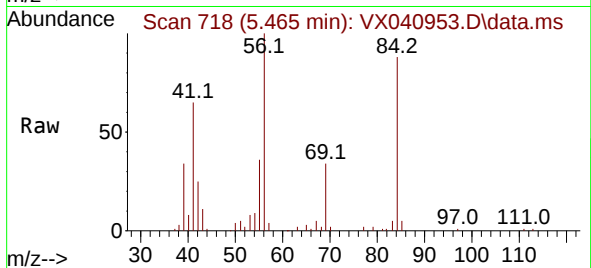
Tgt Ion:	83	Resp:	66395
Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.3	75.5





#31
Cyclohexane
Concen: 47.270 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

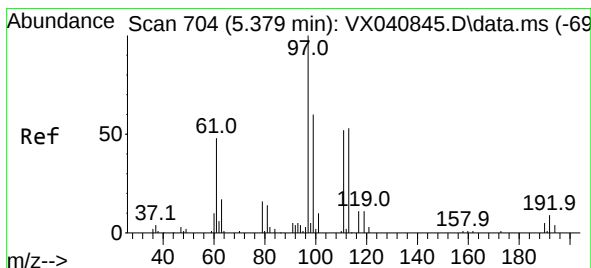
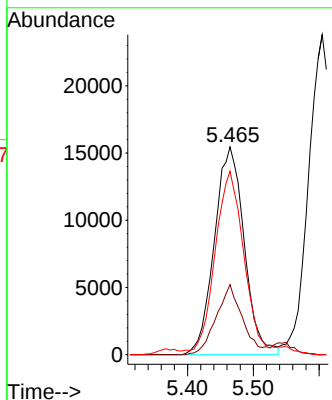
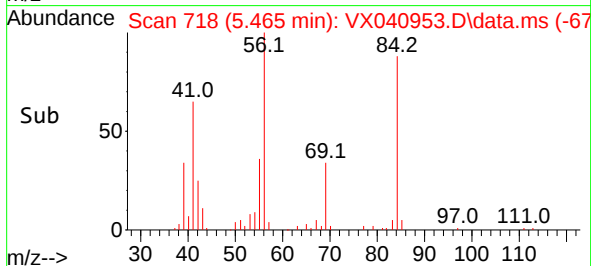
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 48749
Ion Ratio Lower Upper
56 100
69 33.7 23.4 35.2
84 86.5 65.9 98.9

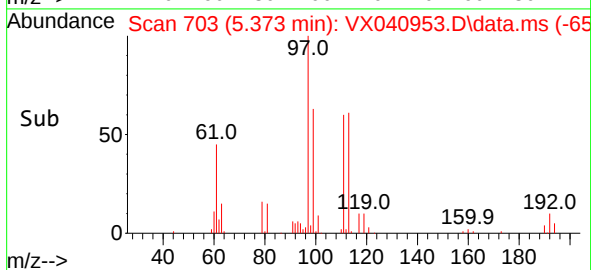
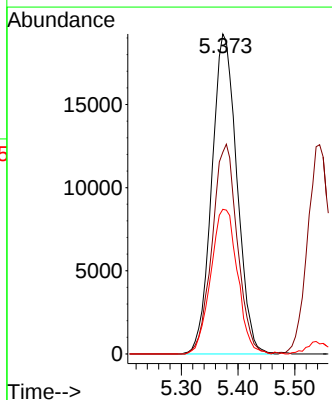
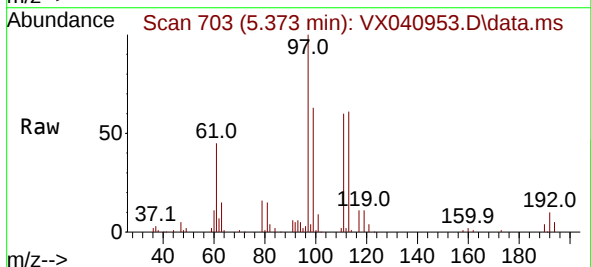
Manual Integrations
APPROVED

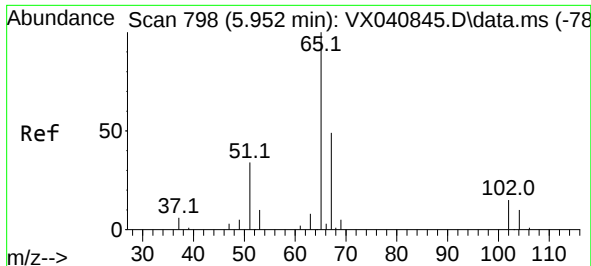
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024



#32
1,1,1-Trichloroethane
Concen: 50.704 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Tgt Ion: 97 Resp: 59189
Ion Ratio Lower Upper
97 100
99 65.7 51.1 76.7
61 48.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.848 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 50389

Ion Ratio Lower Upper

65 100

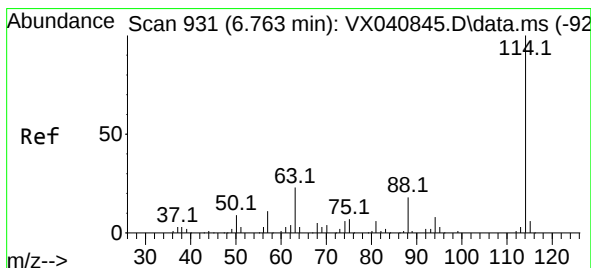
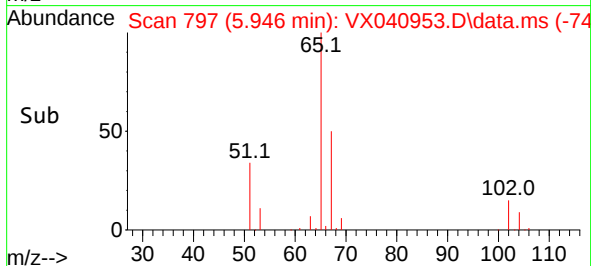
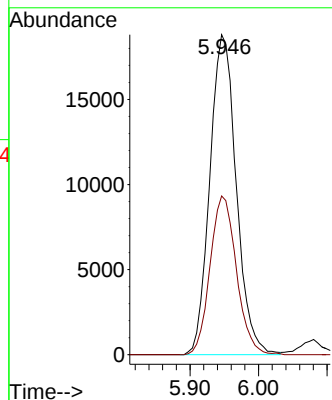
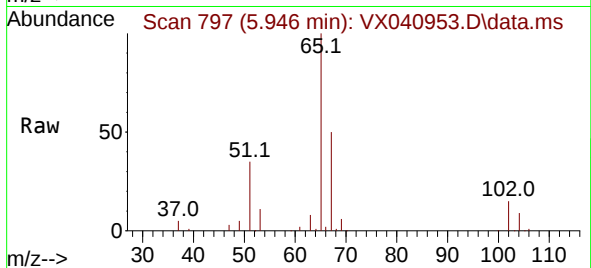
67 49.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.012 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

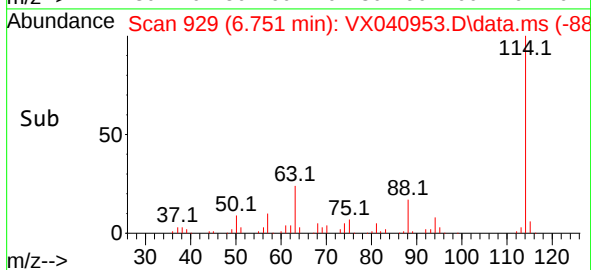
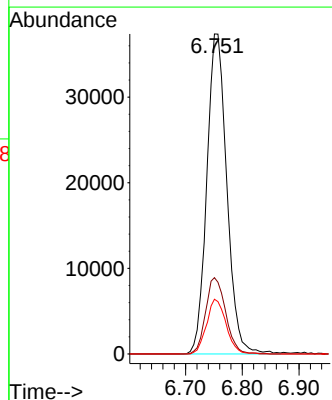
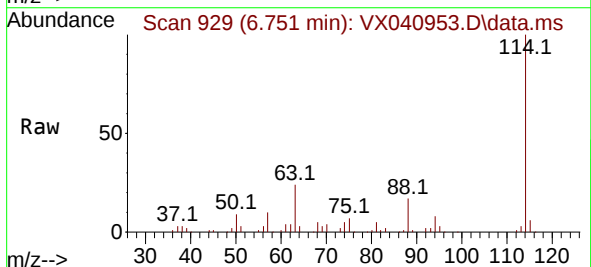
Tgt Ion:114 Resp: 91768

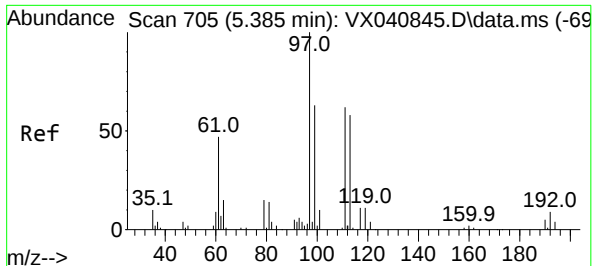
Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.0

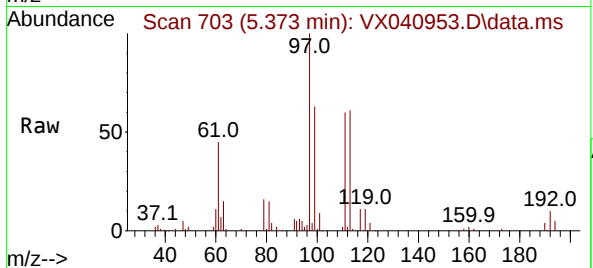
88 17.1 0.0 36.6





#35
Dibromofluoromethane
Concen: 53.330 ug/l
RT: 5.373 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

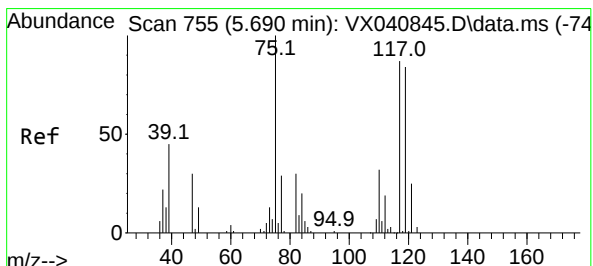
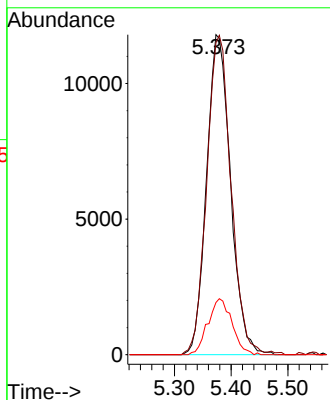
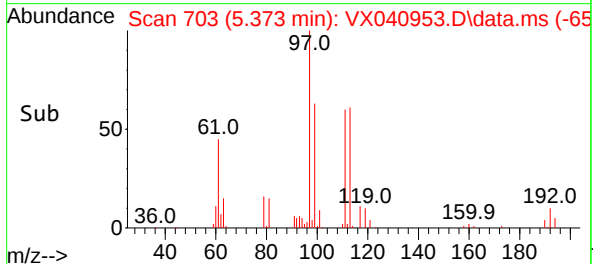
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 34664
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 17.5 13.3 19.9

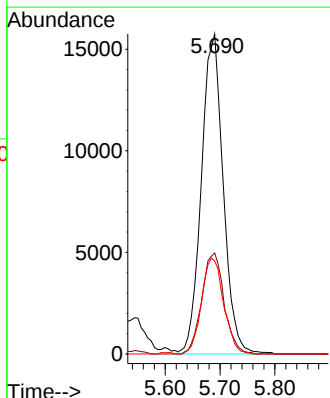
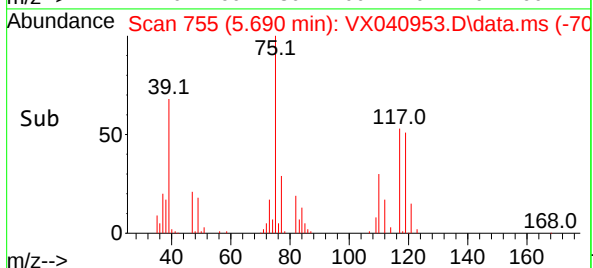
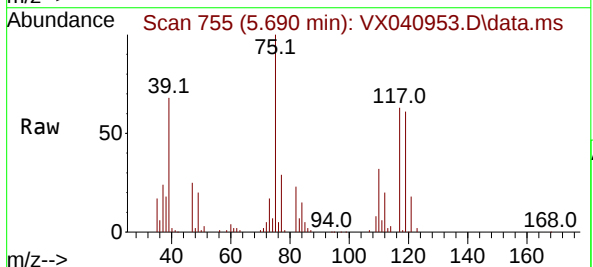
Manual Integrations
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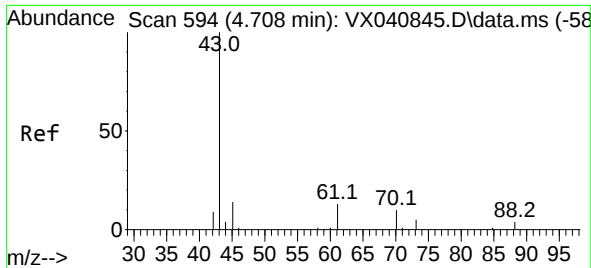
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024



#36
1,1-Dichloropropene
Concen: 47.142 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Tgt Ion: 75 Resp: 43539
Ion Ratio Lower Upper
75 100
110 32.2 17.0 50.9
77 30.2 24.7 37.1





#37

Ethyl Acetate

Concen: 49.060 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 55639

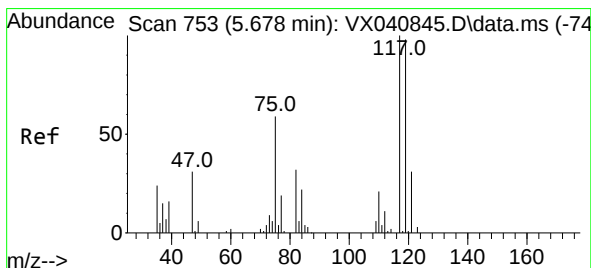
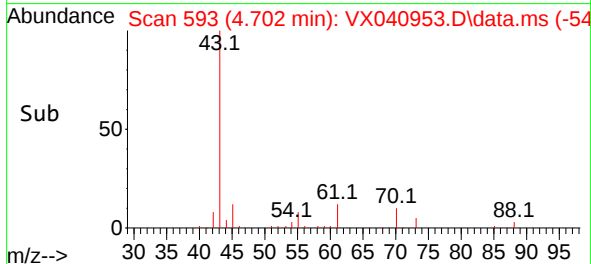
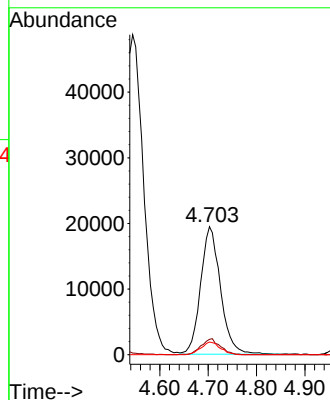
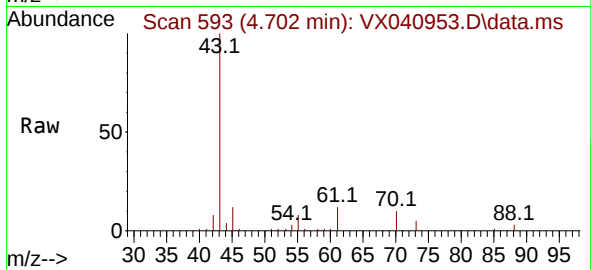
Ion	Ratio	Lower	Upper
43	100		
61	12.0	10.6	16.0
70	9.5	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#38

Carbon Tetrachloride

Concen: 49.669 ug/l

RT: 5.672 min Scan# 752

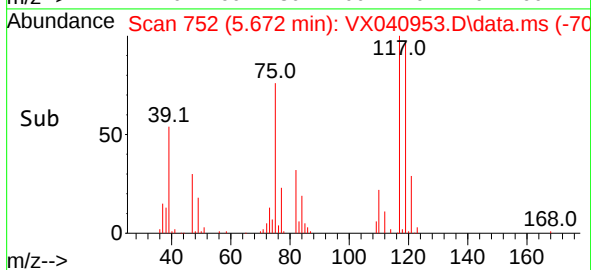
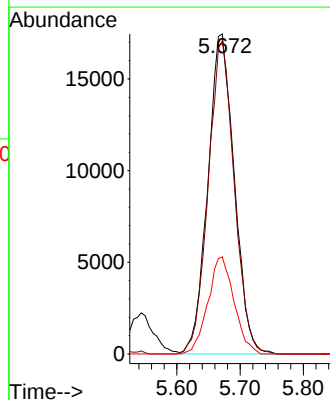
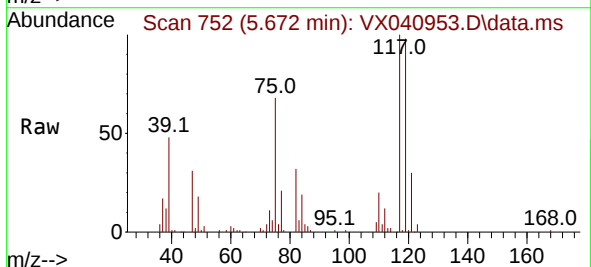
Delta R.T. -0.006 min

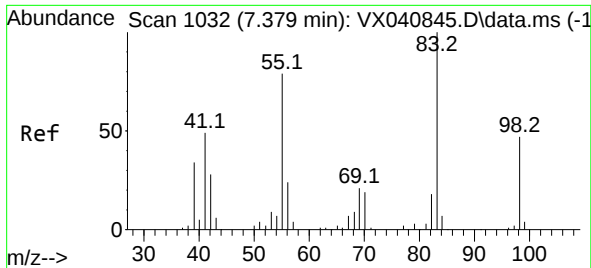
Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Tgt Ion:117 Resp: 50783

Ion	Ratio	Lower	Upper
117	100		
119	97.8	78.2	117.2
121	30.3	24.4	36.6





#39
Methylcyclohexane
Concen: 43.942 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

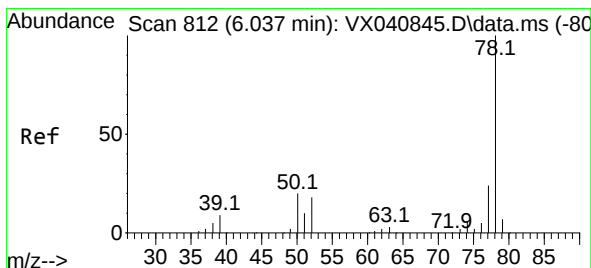
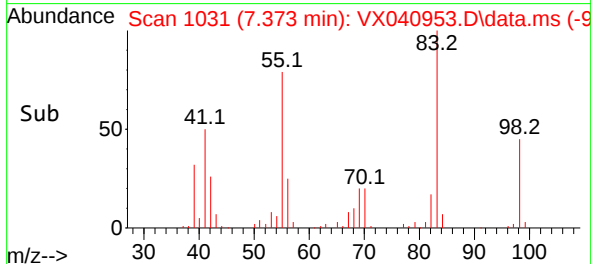
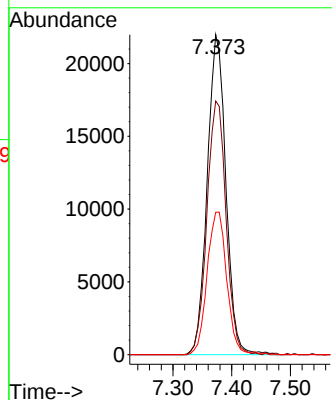
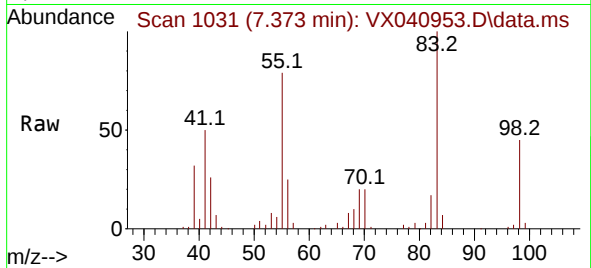
Tgt Ion: 83 Resp: 4849
Ion Ratio Lower Upper
83 100
55 79.3 64.6 97.0
98 44.5 36.7 55.1

Manual Integrations

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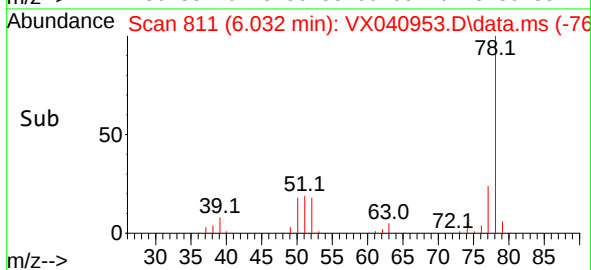
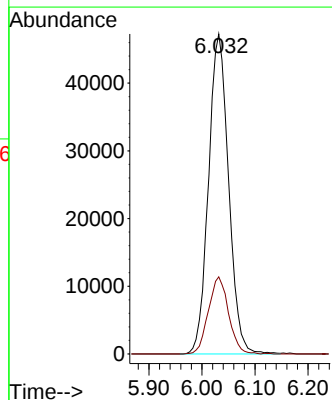
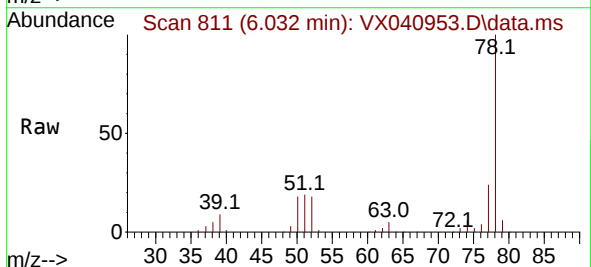
Reviewed By :John Carlone 04/10/2024

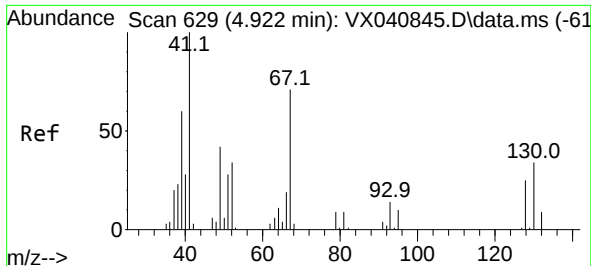
Supervised By :Mahesh Dadoda 04/10/2024



#40
Benzene
Concen: 48.477 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Tgt Ion: 78 Resp: 124264
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 52.980 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

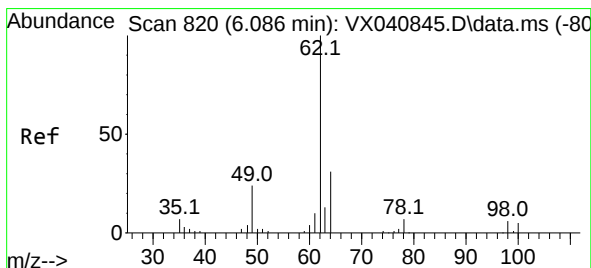
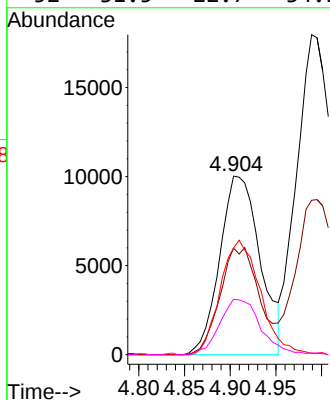
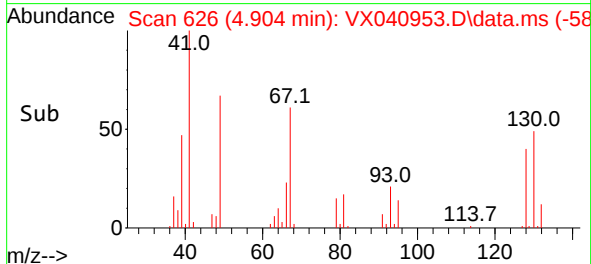
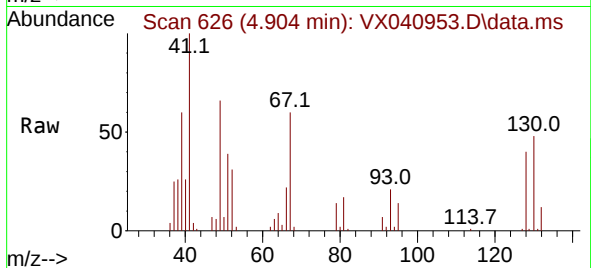
Tgt Ion: 41 Resp: 3085
Ion Ratio Lower Upper
41 100
39 57.1 45.2 67.8
67 63.6 52.6 78.8
52 31.5 22.7 34.1

Manual Integrations

APPROVED

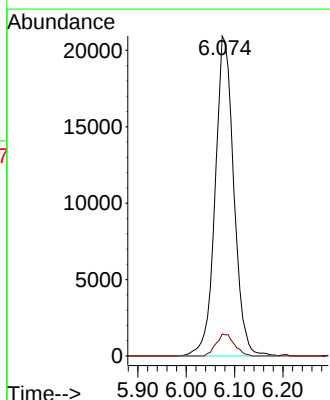
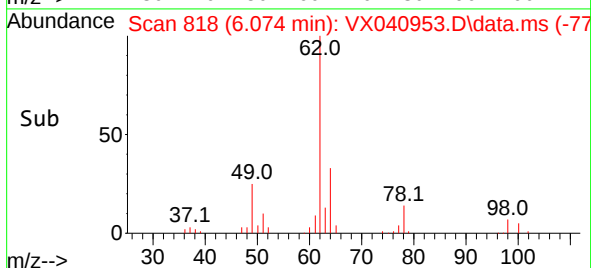
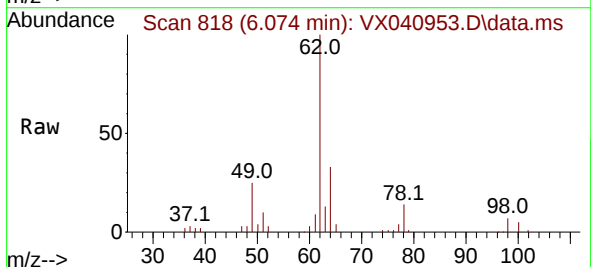
Reviewed By :John Carlone 04/10/2024

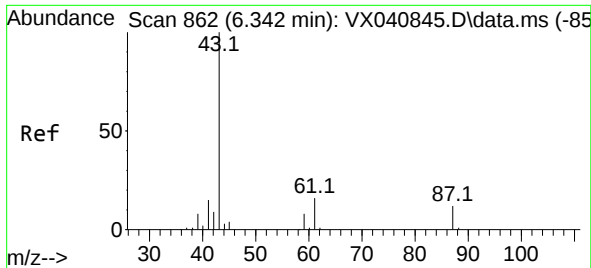
Supervised By :Mahesh Dadoda 04/10/2024



#42
1,2-Dichloroethane
Concen: 50.366 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.012 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Tgt Ion: 62 Resp: 56074
Ion Ratio Lower Upper
62 100
98 6.7 0.0 16.0





#43

Isopropyl Acetate

Concen: 50.032 ug/l

RT: 6.330 min Scan# 80

Delta R.T. -0.012 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

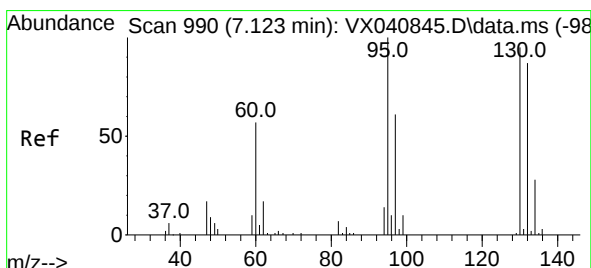
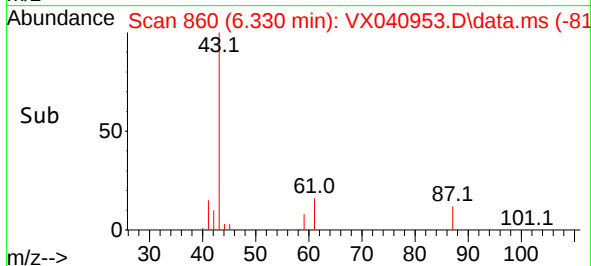
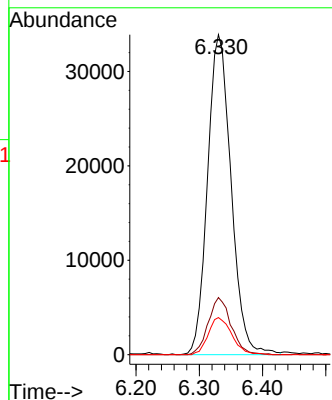
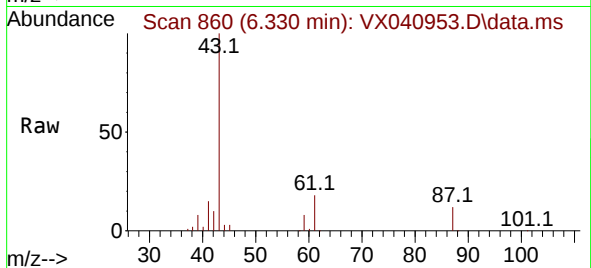
Tgt Ion: 43	Resp: 8762
Ion Ratio	Lower Upper
43 100	
61 17.4	15.2 22.8
87 11.6	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#44

Trichloroethene

Concen: 48.464 ug/l

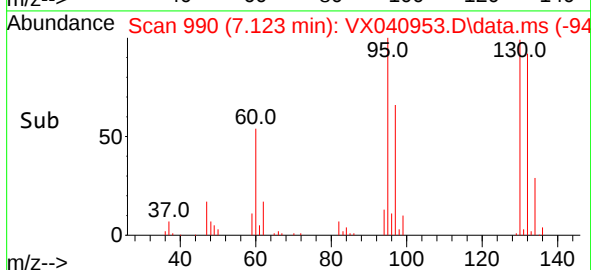
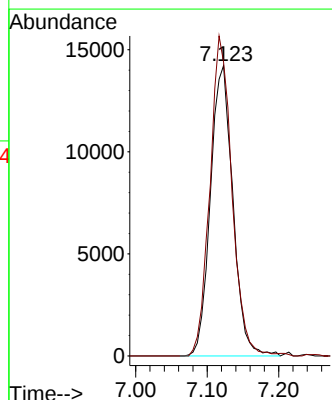
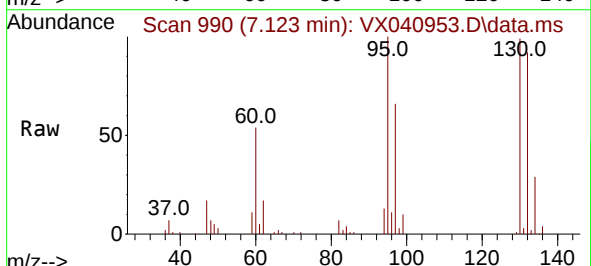
RT: 7.123 min Scan# 990

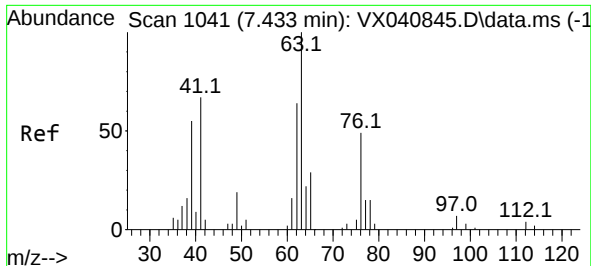
Delta R.T. 0.000 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Tgt Ion:130	Resp: 31027
Ion Ratio	Lower Upper
130 100	
95 101.2	0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.462 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 3149

Ion Ratio Lower Upper

63 100

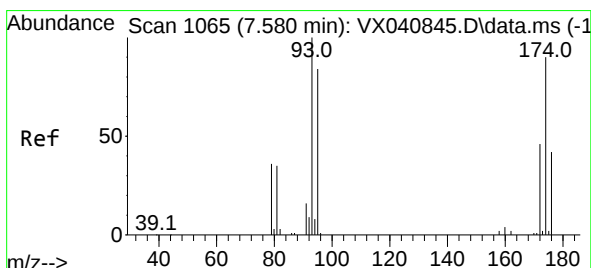
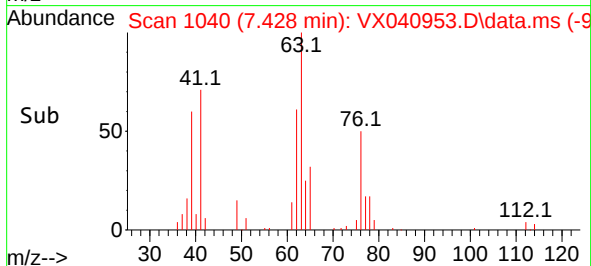
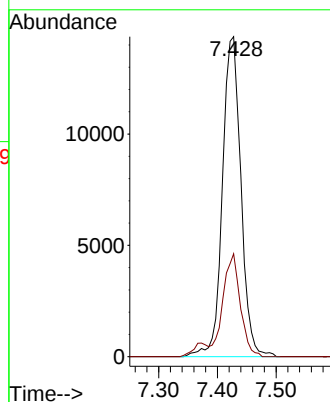
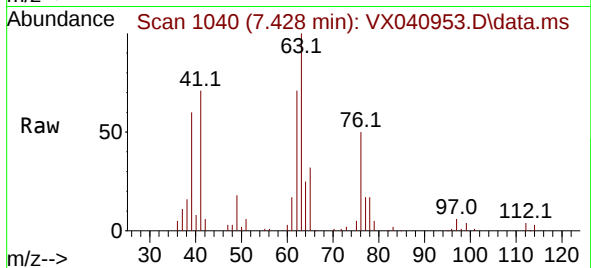
65 32.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#46

Dibromomethane

Concen: 50.349 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

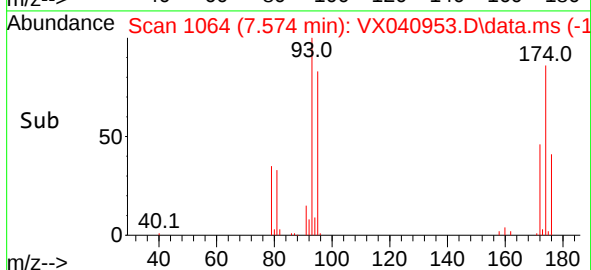
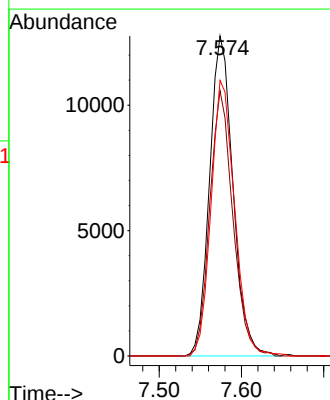
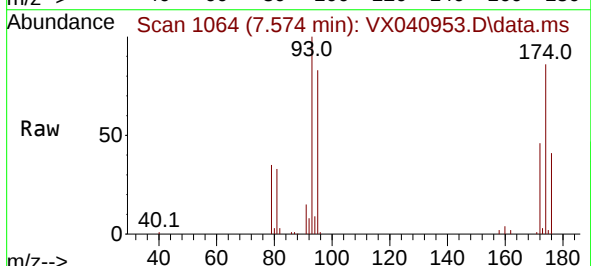
Tgt Ion: 93 Resp: 25253

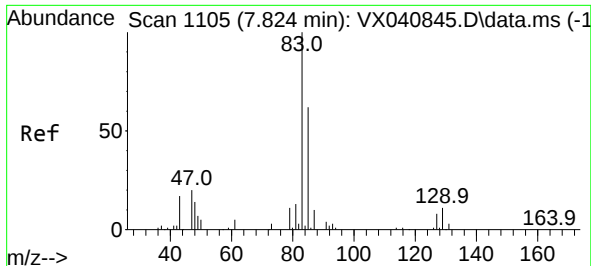
Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

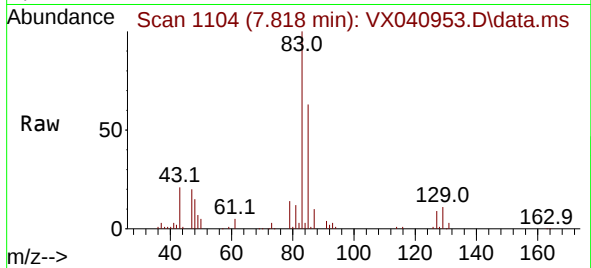
174 86.4 69.4 104.0





#47
Bromodichloromethane
Concen: 50.250 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

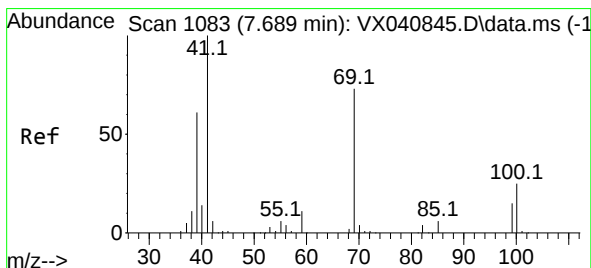
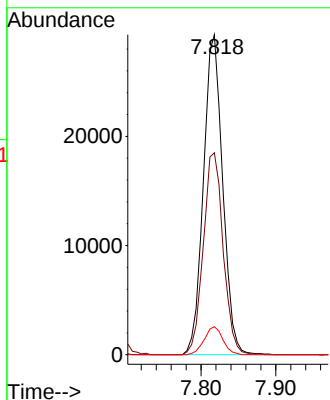
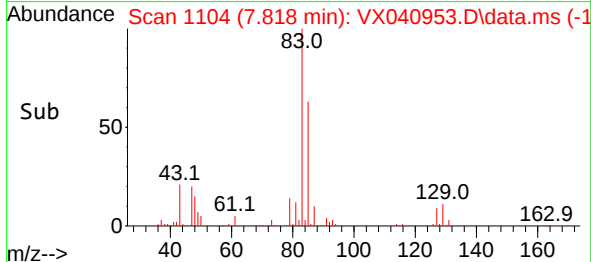
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 52438
Ion Ratio Lower Upper
83 100
85 63.1 49.8 74.6
127 8.8 7.1 10.7

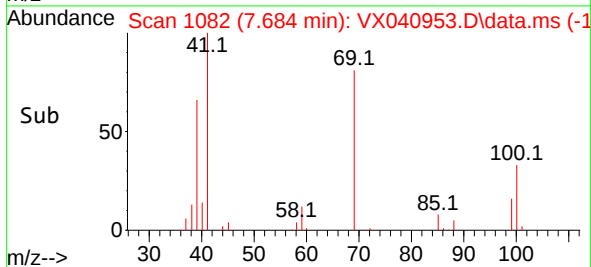
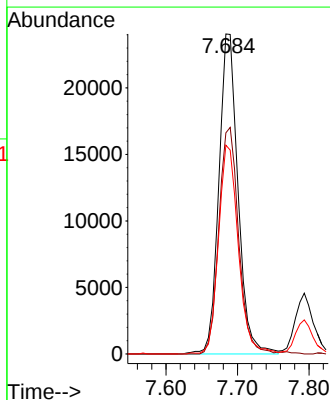
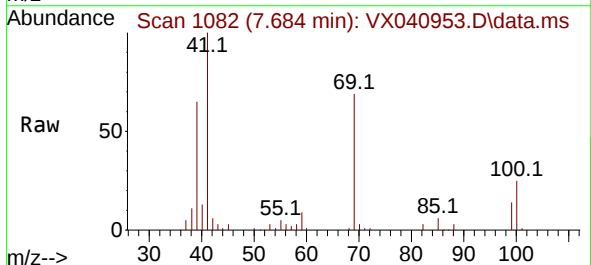
Manual Integrations
APPROVED

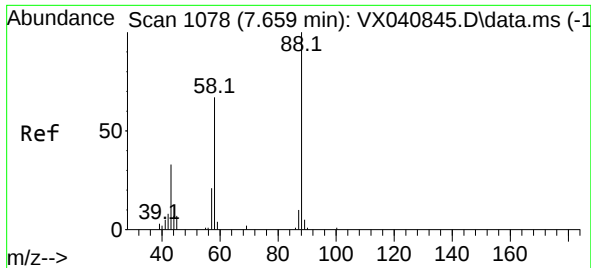
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024



#48
Methyl methacrylate
Concen: 52.127 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

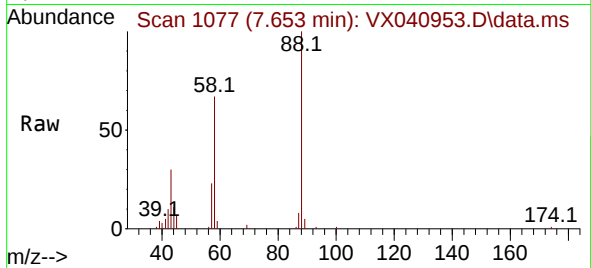
Tgt Ion: 41 Resp: 44707
Ion Ratio Lower Upper
41 100
69 72.9 59.2 88.8
39 67.6 47.7 71.5





#49
1,4-Dioxane
Concen: 877.470 ug/l
RT: 7.653 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

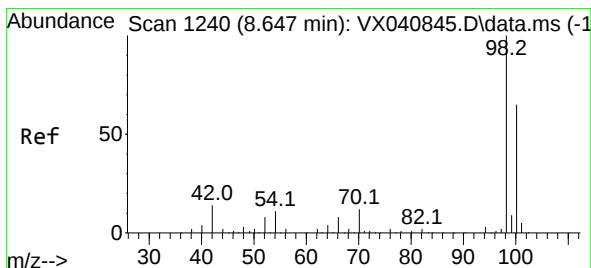
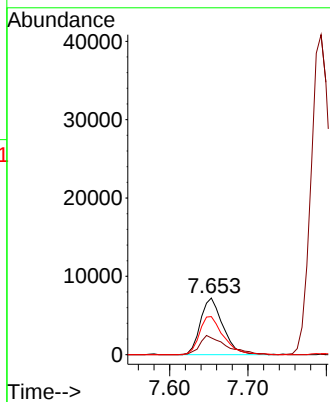
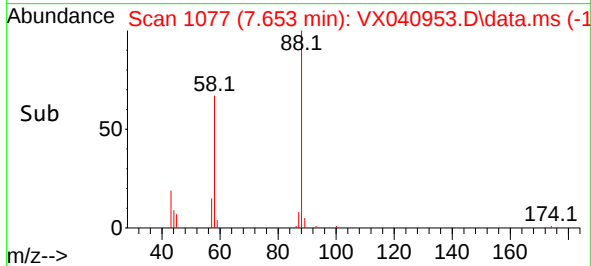
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 1436
Ion Ratio Lower Upper
88 100
43 39.7 0.0 0.0
58 71.7 60.1 90.1

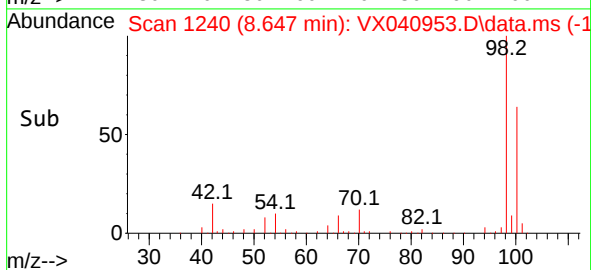
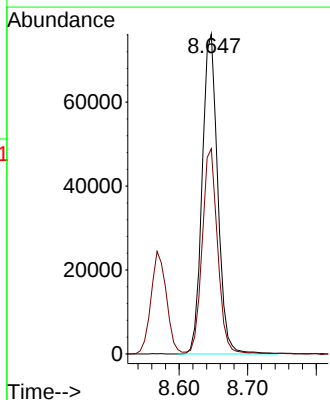
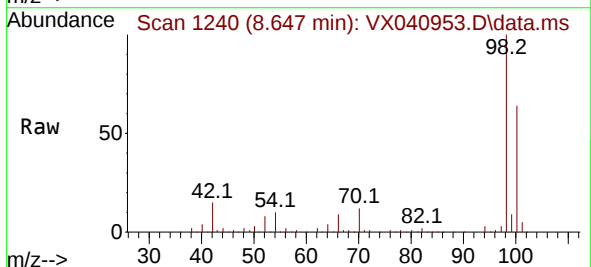
Manual Integrations
APPROVED

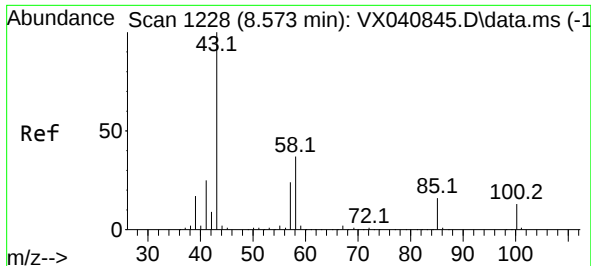
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024



#50
Toluene-d8
Concen: 51.339 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Tgt Ion: 98 Resp: 120581
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 252.846 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 293740

Ion Ratio Lower Upper

43 100

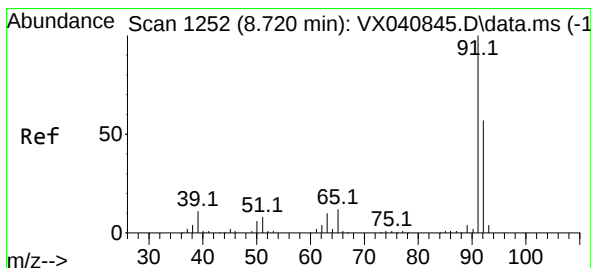
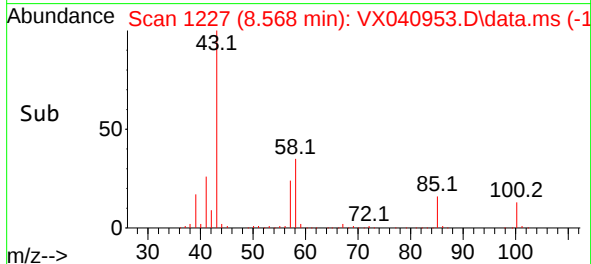
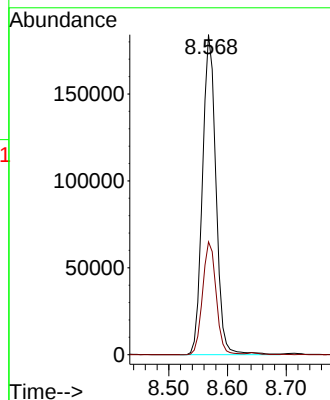
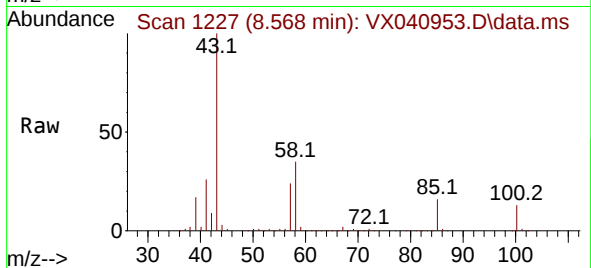
58 35.4 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#52

Toluene

Concen: 49.186 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX040953.D

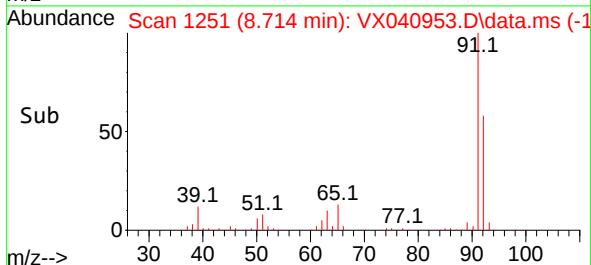
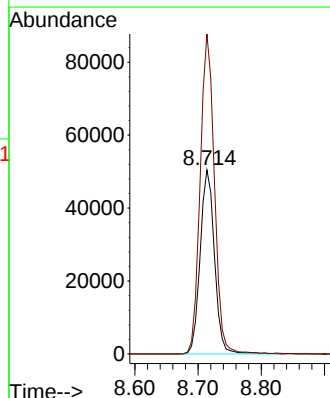
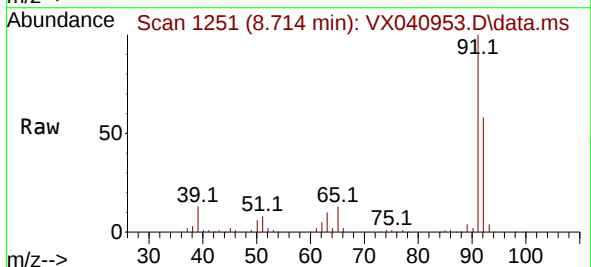
Acq: 09 Apr 2024 16:29

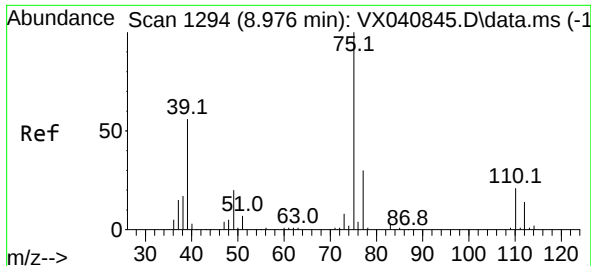
Tgt Ion: 92 Resp: 79556

Ion Ratio Lower Upper

92 100

91 173.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 49.202 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 52900

Ion Ratio Lower Upper

75 100

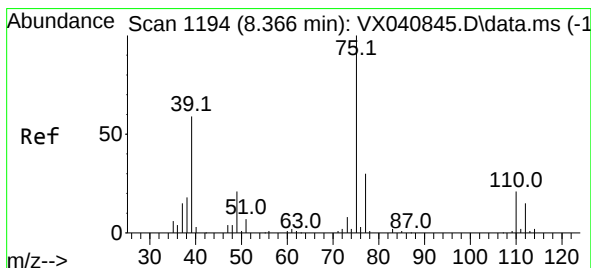
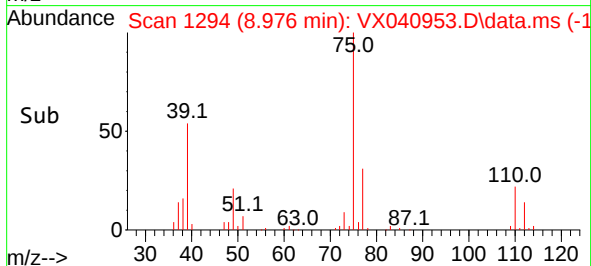
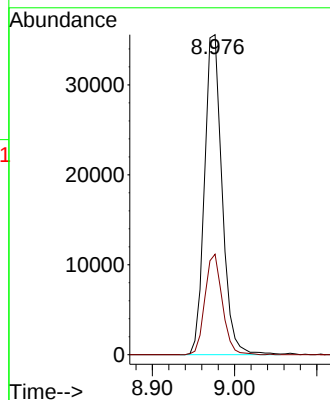
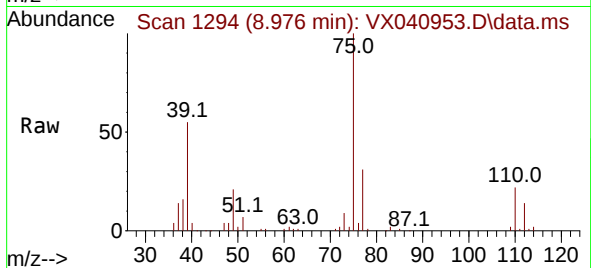
77 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#54

cis-1,3-Dichloropropene

Concen: 51.644 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

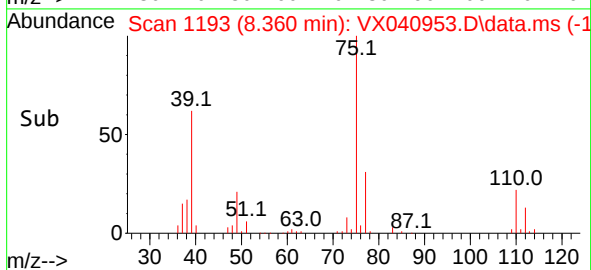
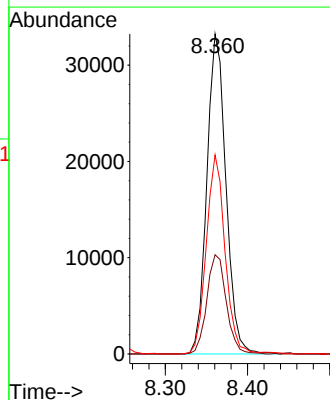
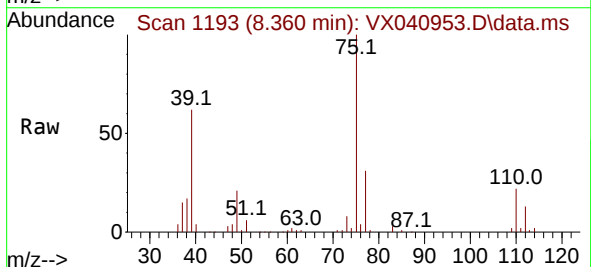
Tgt Ion: 75 Resp: 53438

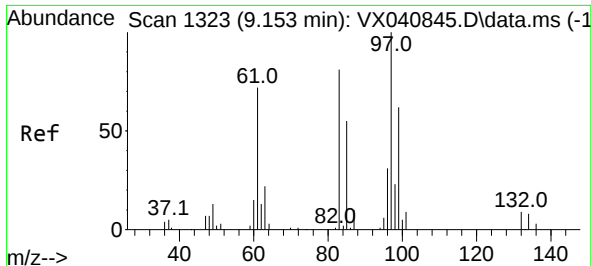
Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9

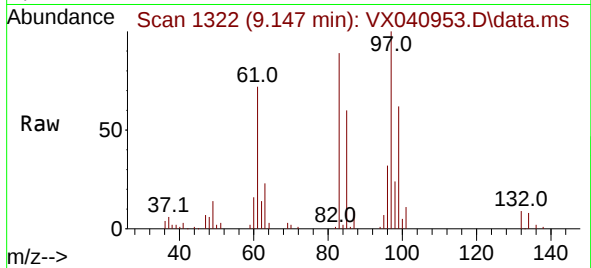
39 62.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 50.349 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

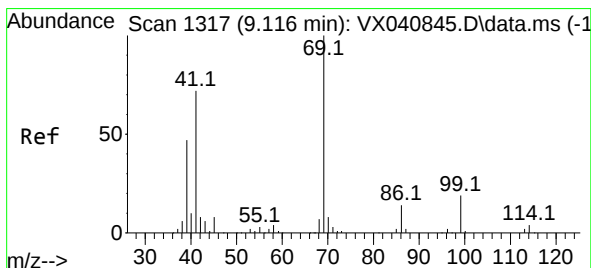
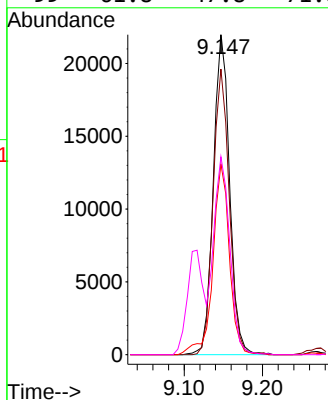
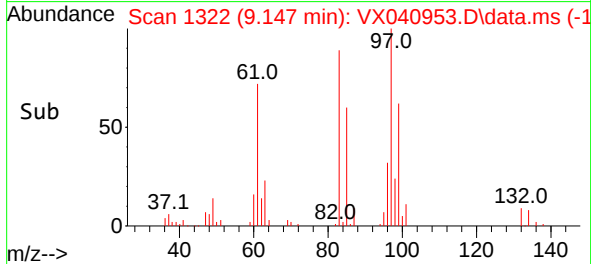
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.3	65.8	98.8
85	59.5	41.6	62.4
99	61.8	47.8	71.8

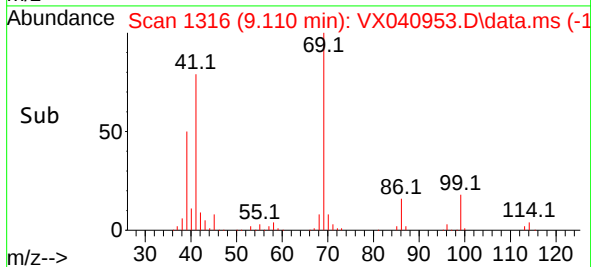
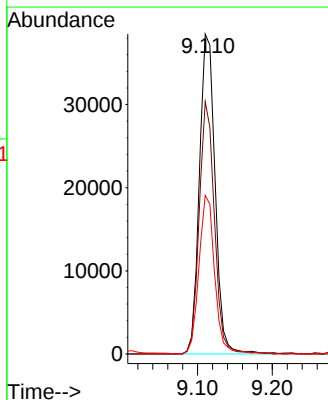
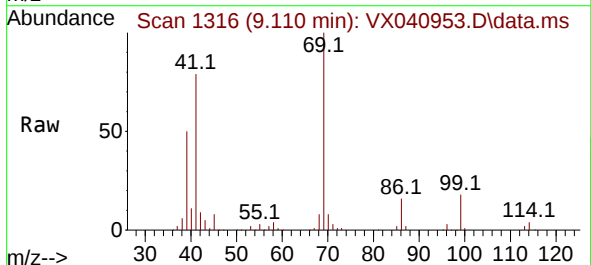
Manual Integrations
APPROVED

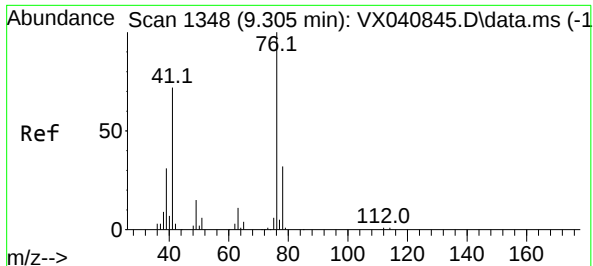
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024



#56
Ethyl methacrylate
Concen: 51.864 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.7	56.8	85.2
39	49.6	32.0	48.0





#57

1,3-Dichloropropane

Concen: 50.337 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 55568

Ion Ratio Lower Upper

76 100

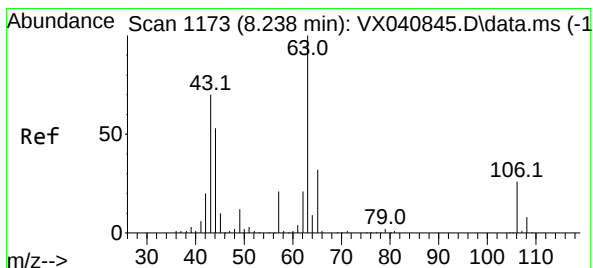
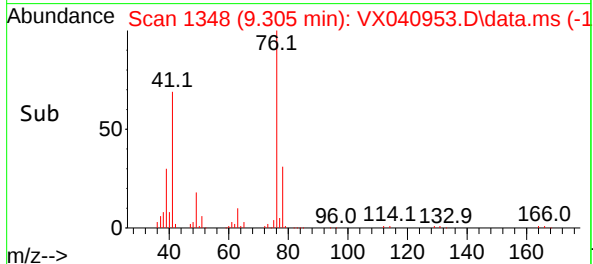
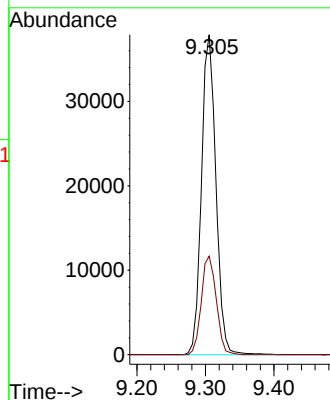
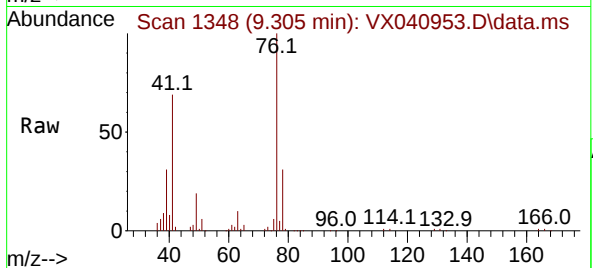
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#58

2-Chloroethyl Vinyl ether

Concen: 252.523 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX040953.D

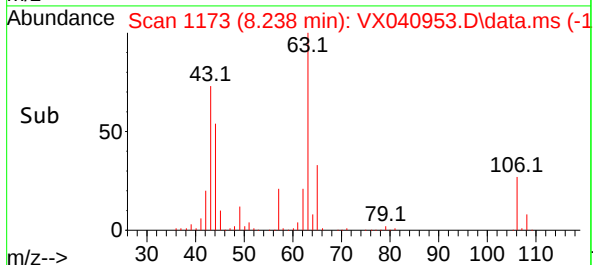
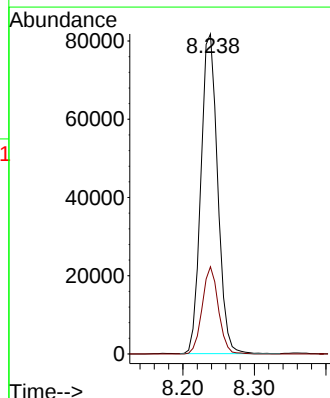
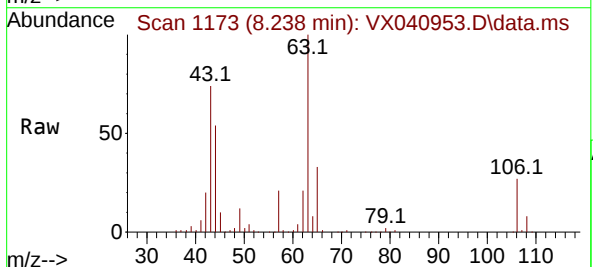
Acq: 09 Apr 2024 16:29

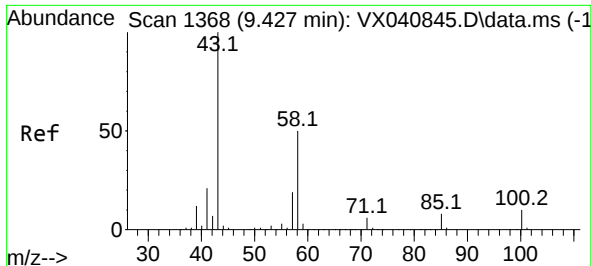
Tgt Ion: 63 Resp: 132688

Ion Ratio Lower Upper

63 100

106 26.4 22.5 33.7





#59

2-Hexanone

Concen: 244.399 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 227710

Ion Ratio Lower Upper

43 100

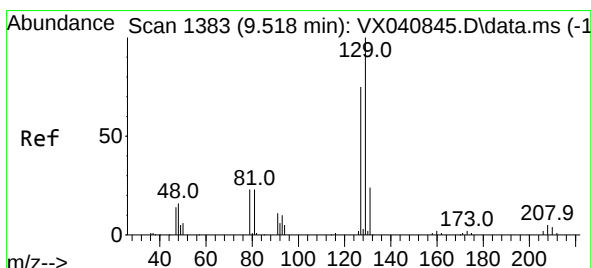
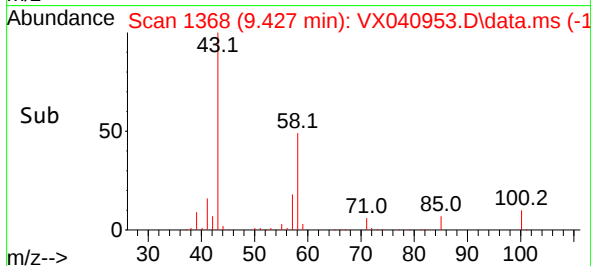
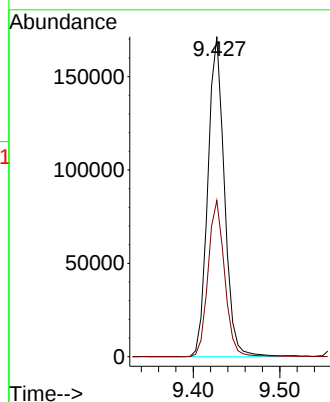
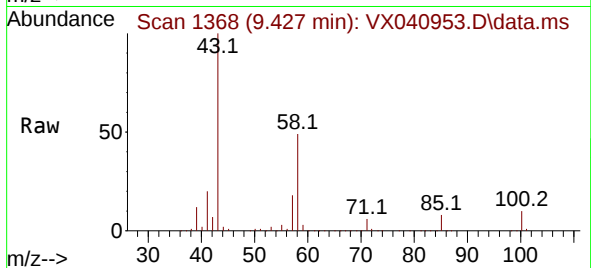
58 48.9 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#60

Dibromochloromethane

Concen: 51.994 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX040953.D

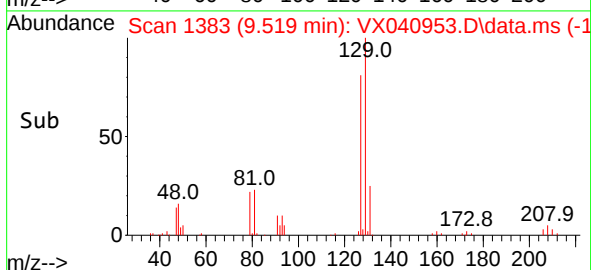
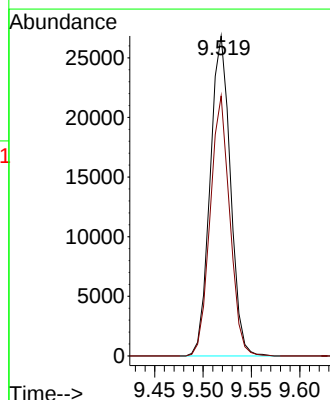
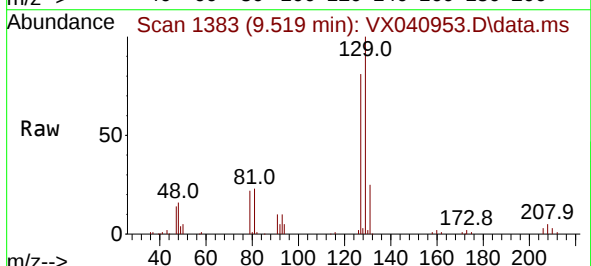
Acq: 09 Apr 2024 16:29

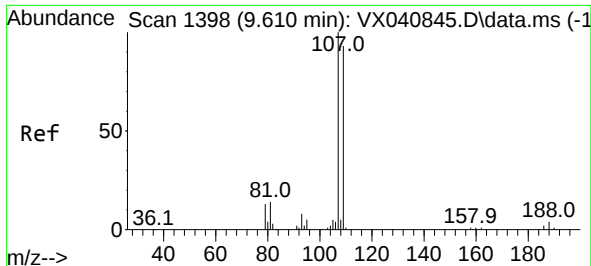
Tgt Ion:129 Resp: 39179

Ion Ratio Lower Upper

129 100

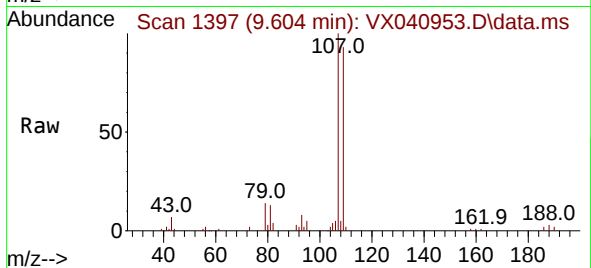
127 78.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.600 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

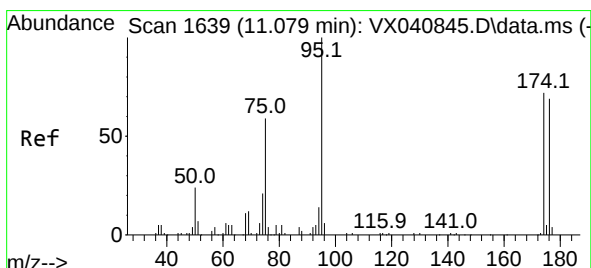
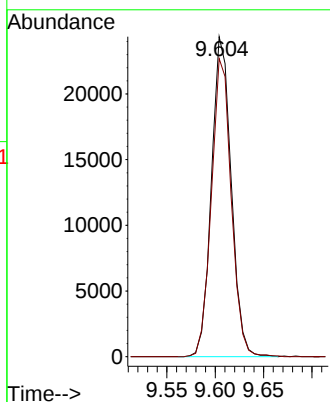
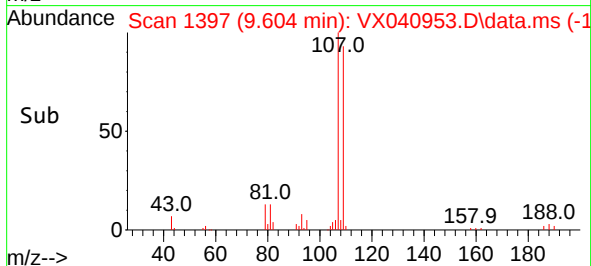
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



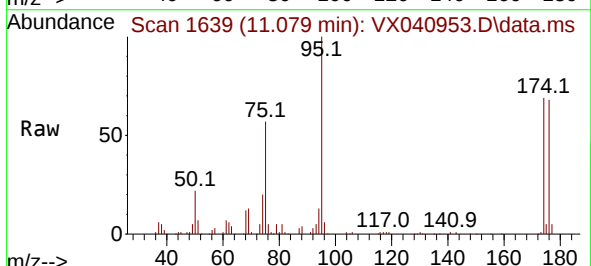
Tgt Ion:107 Resp: 34459
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8

Manual Integrations
APPROVED

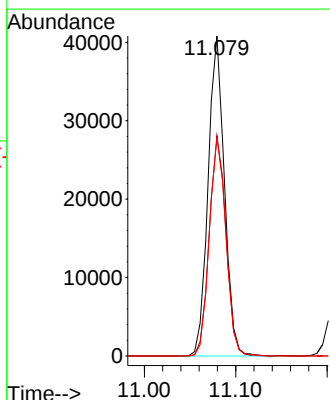
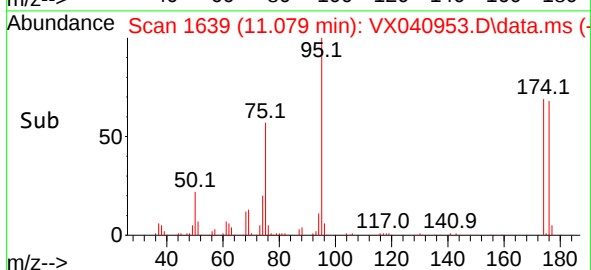
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024

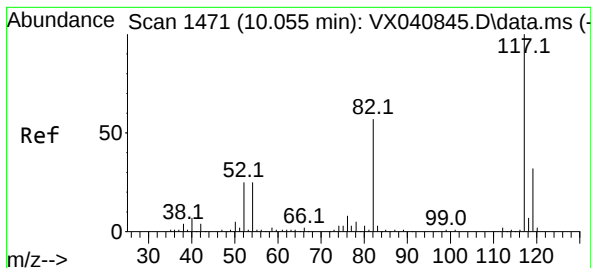


#62
4-Bromofluorobenzene
Concen: 53.769 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29



Tgt Ion: 95 Resp: 50433
Ion Ratio Lower Upper
95 100
174 70.5 0.0 135.6
176 69.3 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 8692

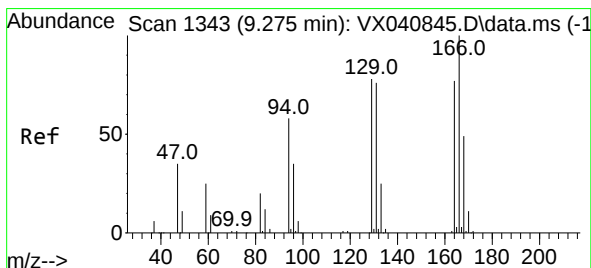
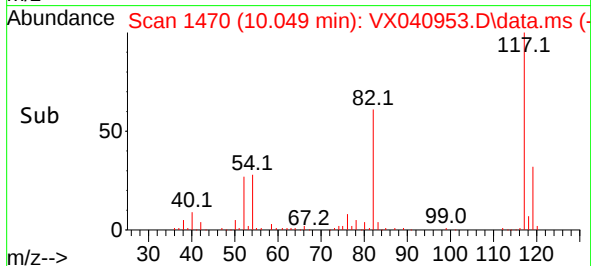
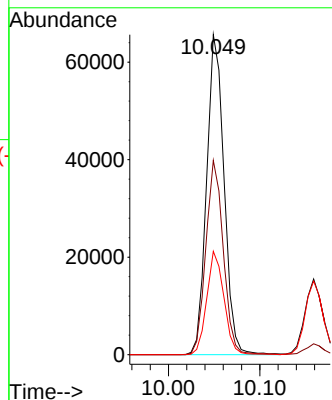
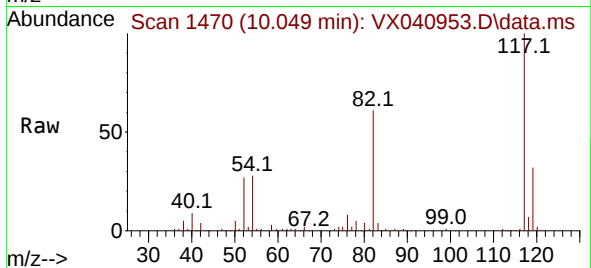
Ion	Ratio	Lower	Upper
117	100		
82	60.7	46.2	69.4
119	32.3	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#64

Tetrachloroethene

Concen: 46.208 ug/l

RT: 9.269 min Scan# 1342

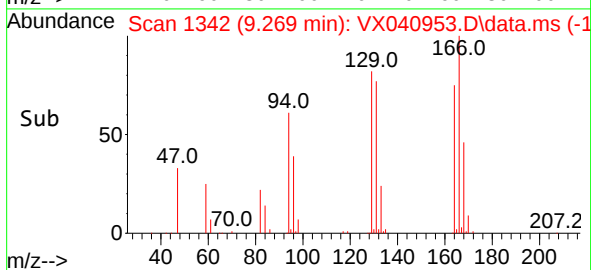
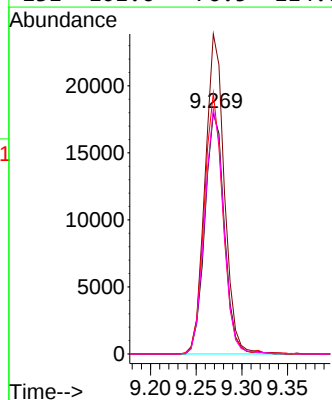
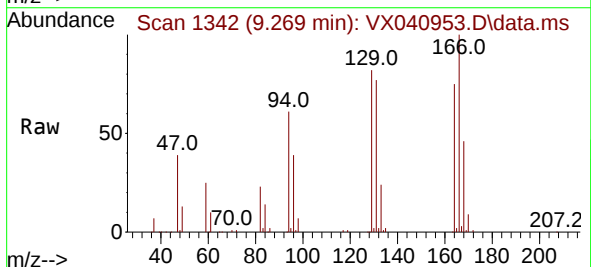
Delta R.T. -0.006 min

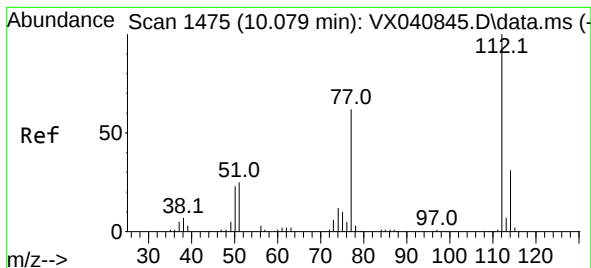
Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Tgt Ion:164 Resp: 26579

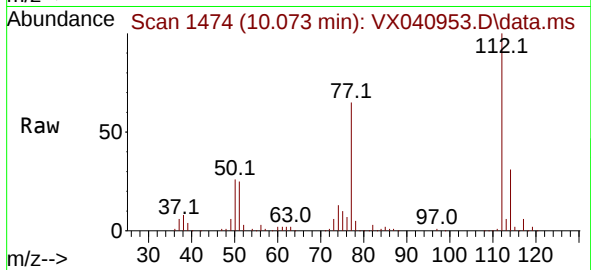
Ion	Ratio	Lower	Upper
164	100		
166	132.9	102.7	154.1
129	108.3	80.4	120.6
131	101.6	76.5	114.7





#65
Chlorobenzene
Concen: 47.821 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

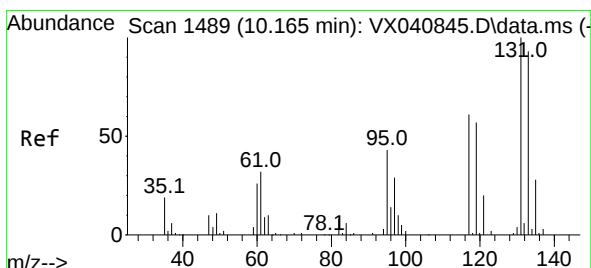
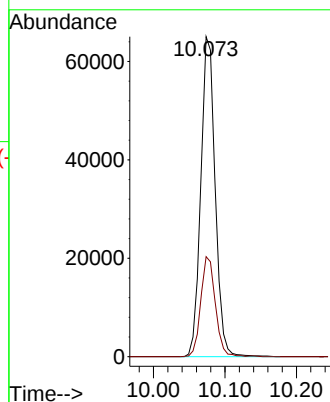
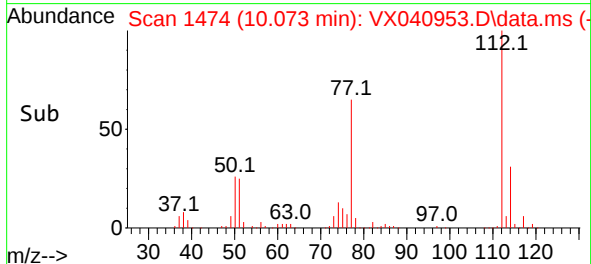
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 9090
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

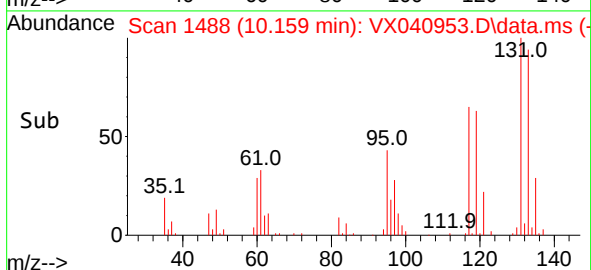
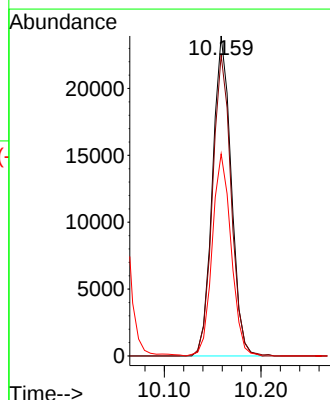
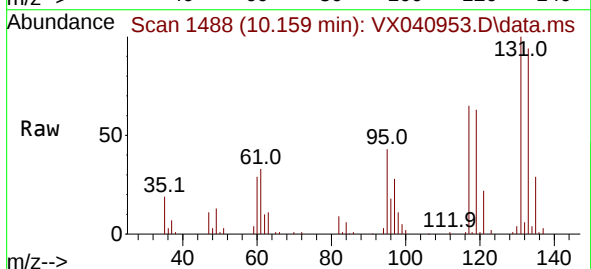
Manual Integrations
APPROVED

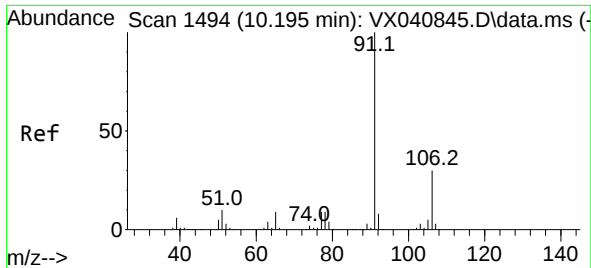
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 50.946 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

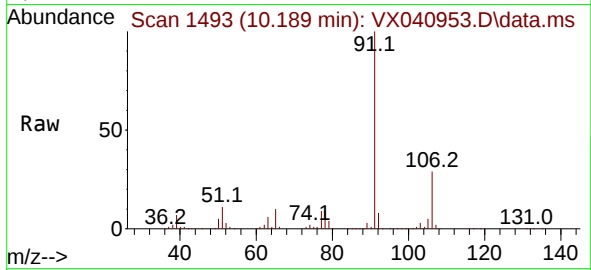
Tgt Ion:131 Resp: 32146
Ion Ratio Lower Upper
131 100
133 93.7 47.1 141.4
119 63.6 32.2 96.6





#67
Ethyl Benzene
Concen: 48.691 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

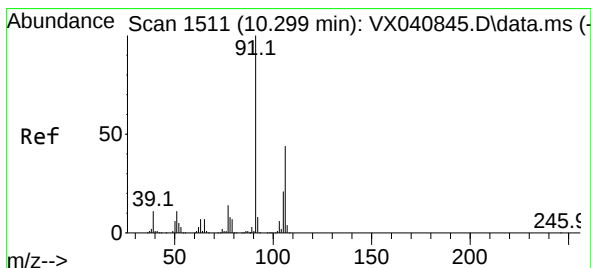
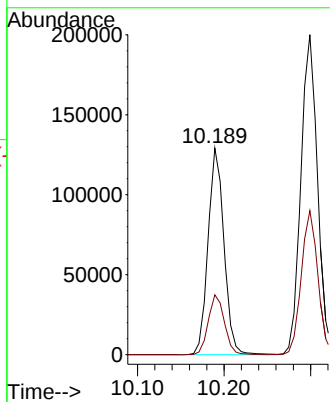
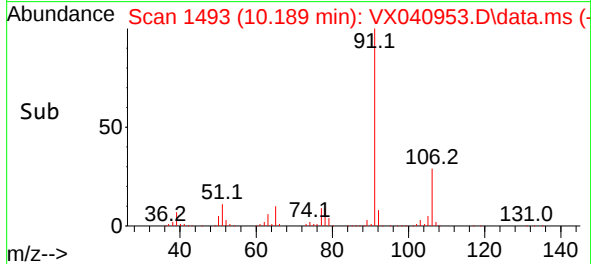
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



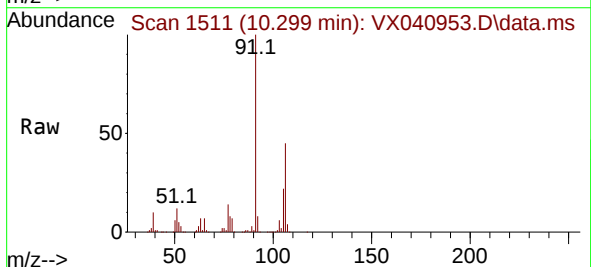
Tgt Ion: 91 Resp: 165068
Ion Ratio Lower Upper
91 100
106 28.9 24.9 37.3

Manual Integrations
APPROVED

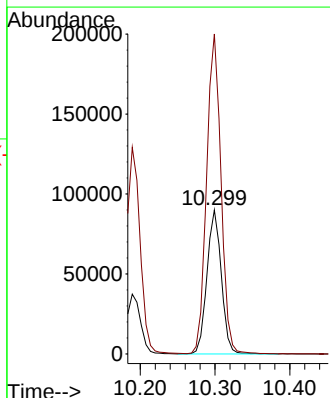
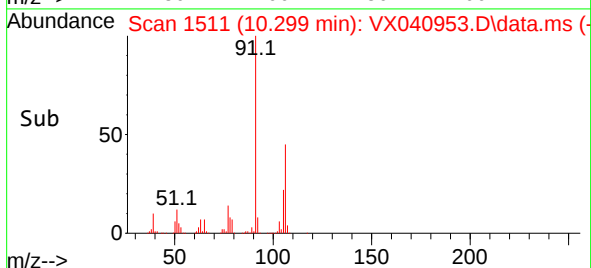
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024

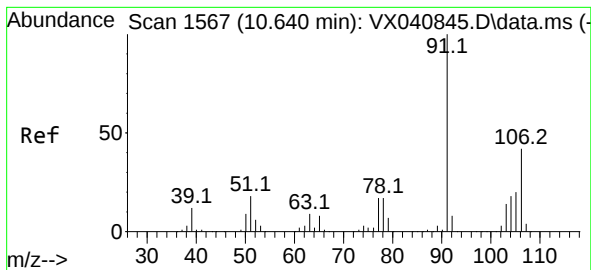


#68
m/p-Xylenes
Concen: 97.570 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29



Tgt Ion:106 Resp: 120350
Ion Ratio Lower Upper
106 100
91 222.8 165.5 248.3





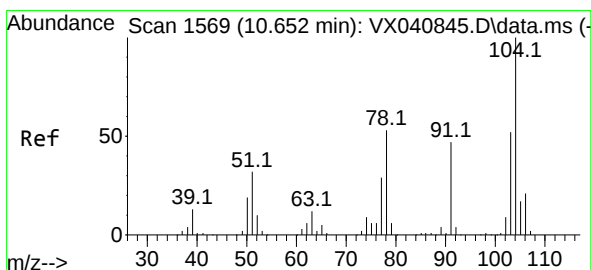
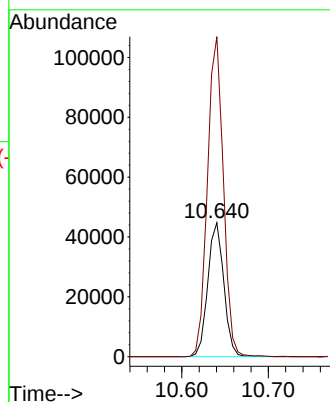
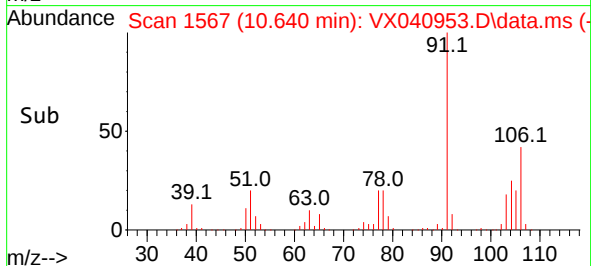
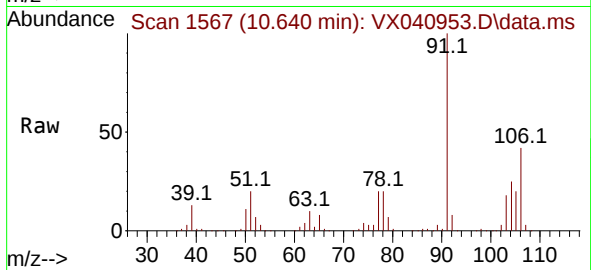
#69
o-Xylene
Concen: 49.504 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 57520
Ion Ratio Lower Upper
106 100
91 237.6 108.9 326.8

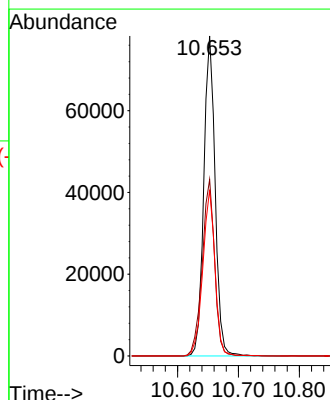
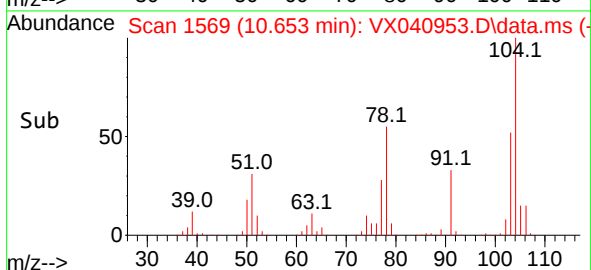
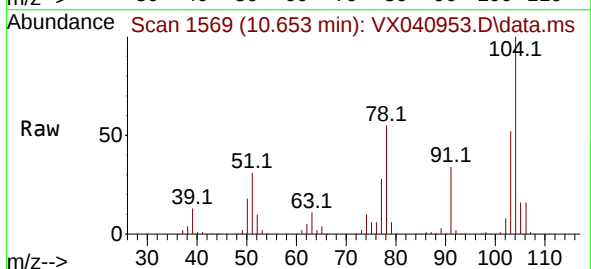
Manual Integrations
APPROVED

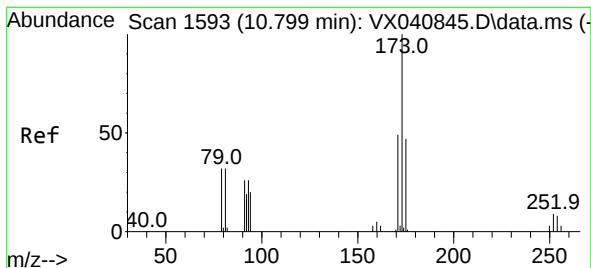
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024



#70
Styrene
Concen: 50.339 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Tgt Ion:104 Resp: 101366
Ion Ratio Lower Upper
104 100
78 60.4 43.6 65.4
103 56.0 43.6 65.4





#71

Bromoform

Concen: 48.812 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

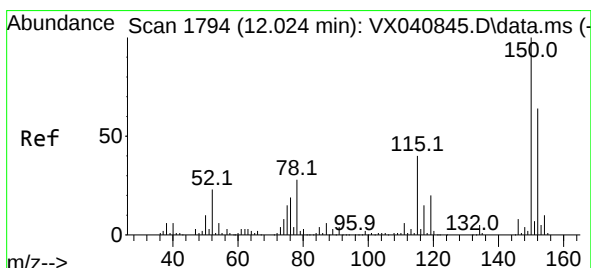
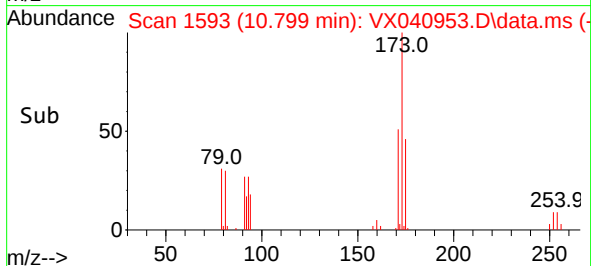
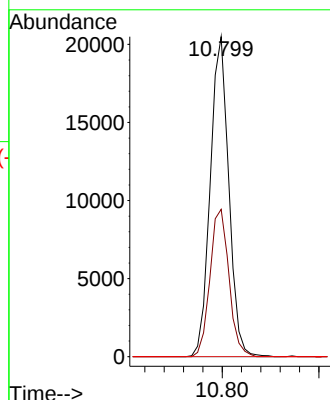
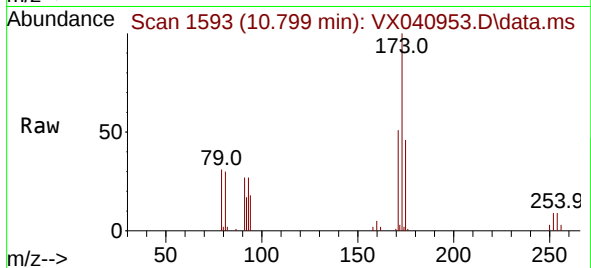
Tgt Ion:173	Resp:	27240
Ion Ratio	Lower	Upper
173	100	
175	47.2	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

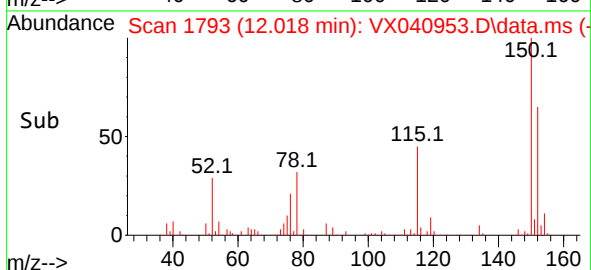
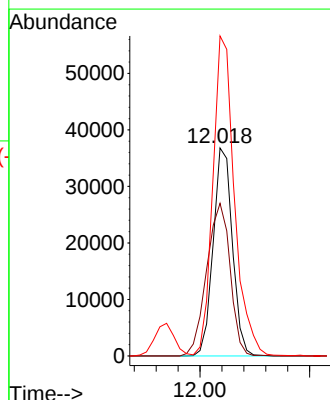
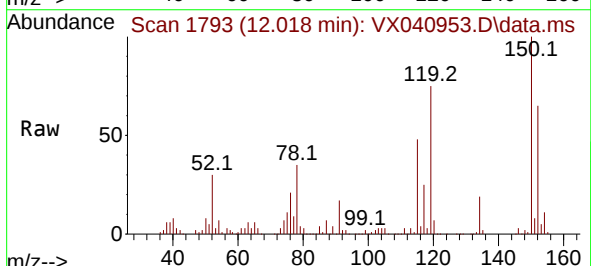
RT: 12.018 min Scan# 1793

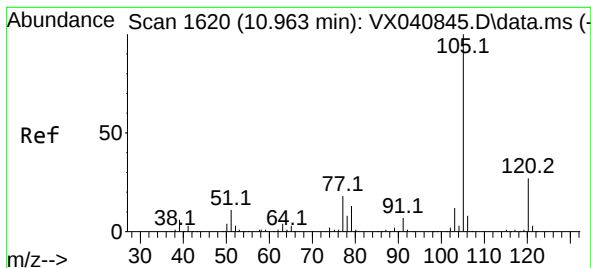
Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Tgt Ion:152	Resp:	44821
Ion Ratio	Lower	Upper
152	100	
115	89.7	43.3 129.9
150	172.9	0.0 345.0





#73

Isopropylbenzene

Concen: 50.845 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 159164

Ion Ratio Lower Upper

105 100

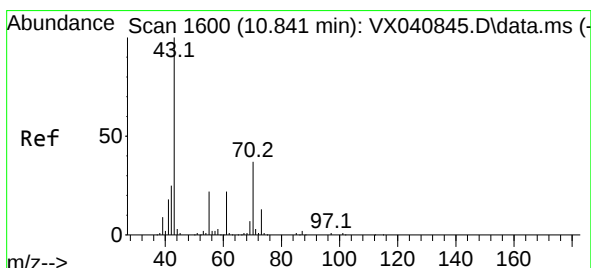
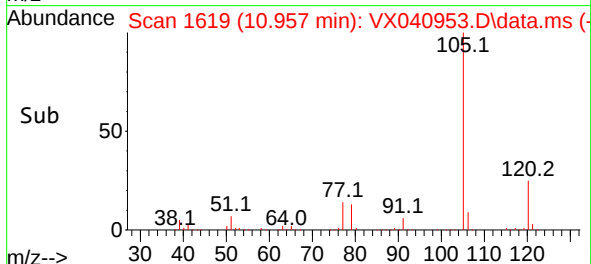
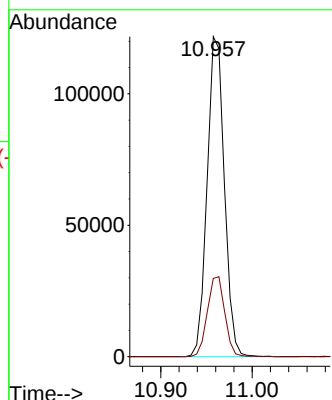
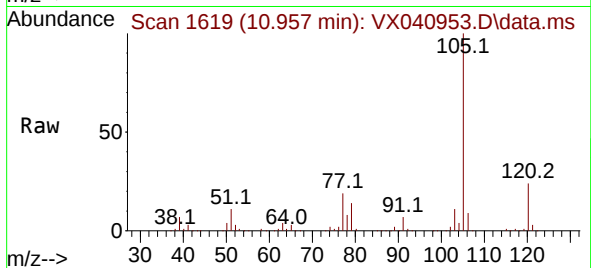
120 25.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#74

N-ethyl acetate

Concen: 51.808 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Tgt Ion: 43 Resp: 82146

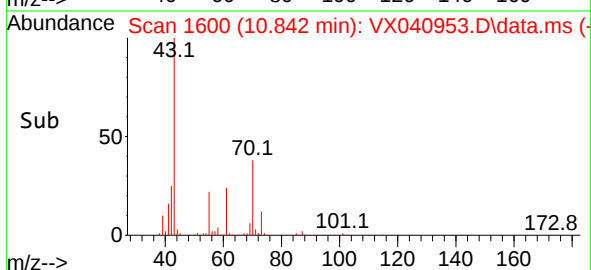
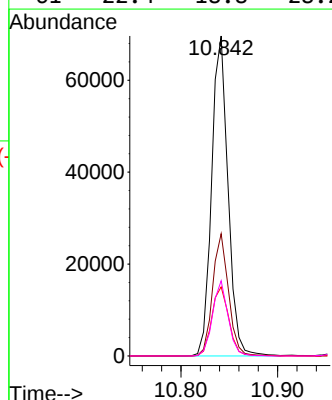
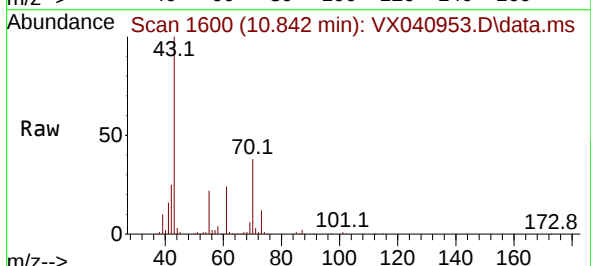
Ion Ratio Lower Upper

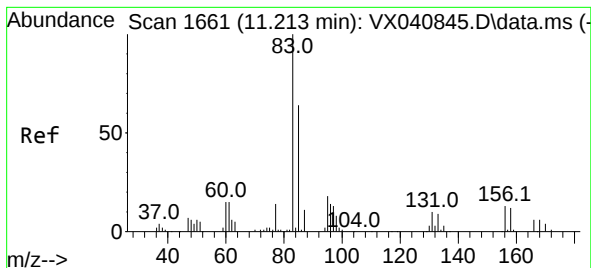
43 100

70 37.1 32.9 49.3

55 22.4 19.3 28.9

61 22.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.141 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

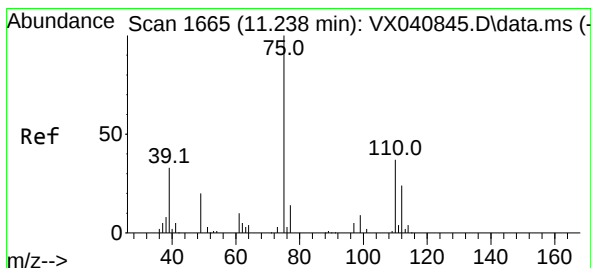
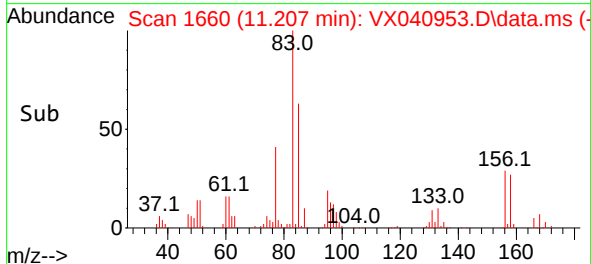
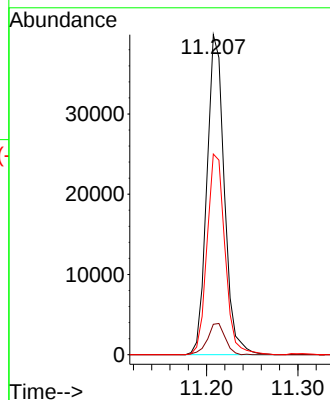
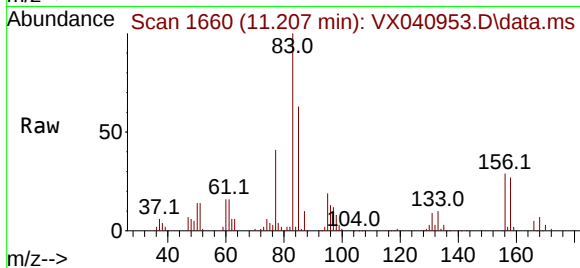
Tgt Ion:	83	Resp:	52600
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.3	15.8
85	64.7	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#76

1,2,3-Trichloropropane

Concen: 50.484 ug/l m

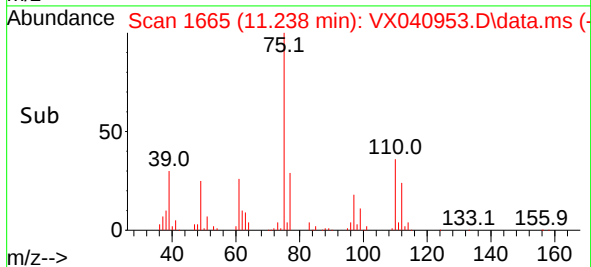
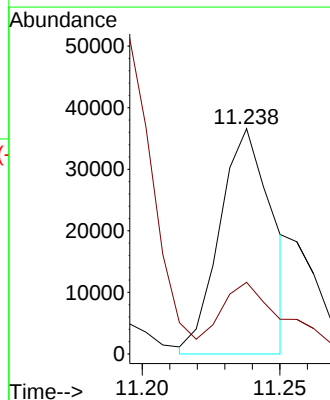
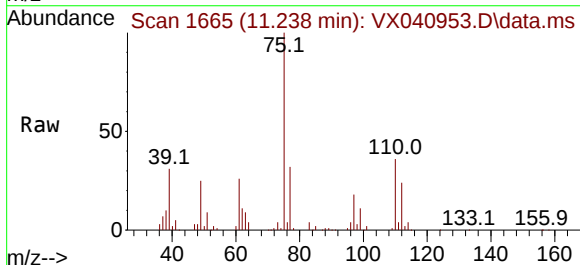
RT: 11.238 min Scan# 1665

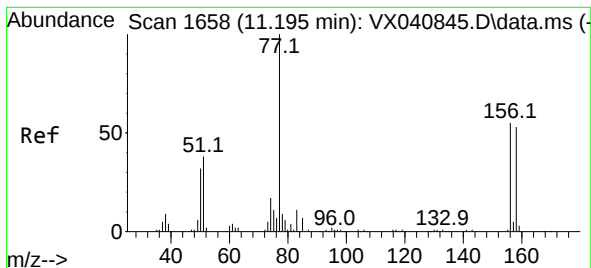
Delta R.T. 0.000 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Tgt Ion:	75	Resp:	48251
Ion Ratio	Lower	Upper	
75	100		
77	39.9	19.1	57.5





#77

Bromobenzene

Concen: 50.624 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

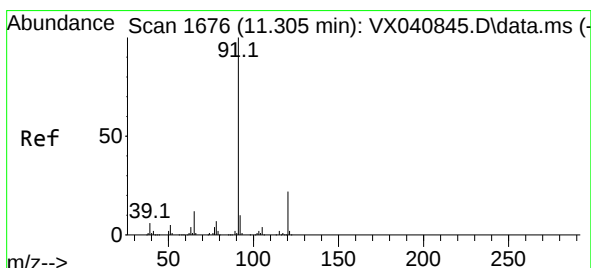
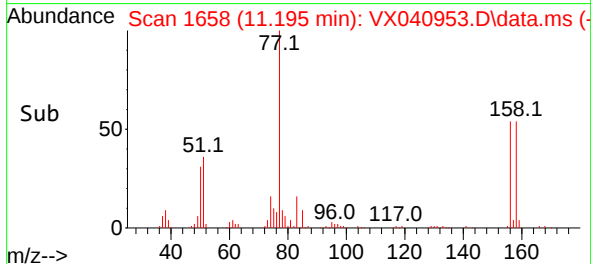
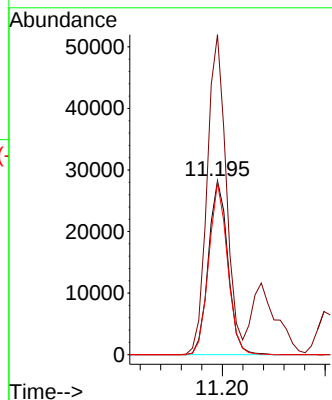
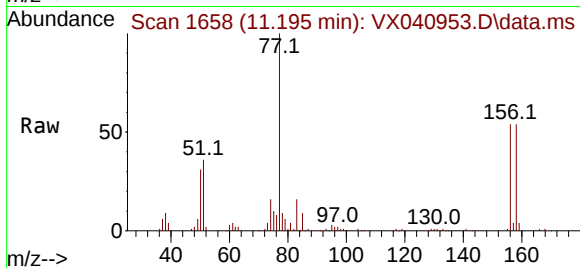
Tgt Ion:	156	Resp:	3717
Ion Ratio	Lower	Upper	
156	100		
77	180.8	88.4	265.3
158	95.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#78

n-propylbenzene

Concen: 49.971 ug/l

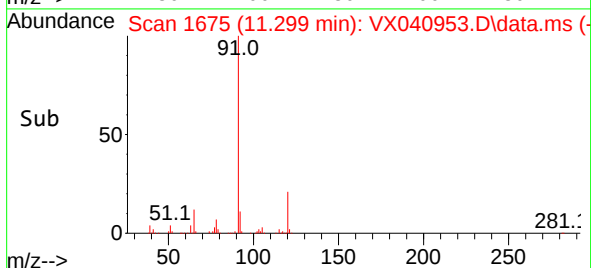
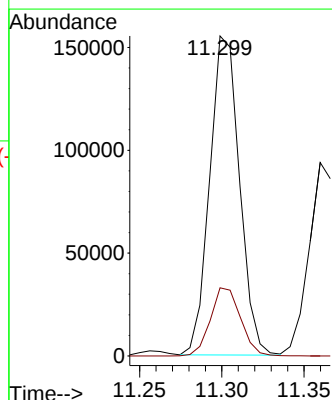
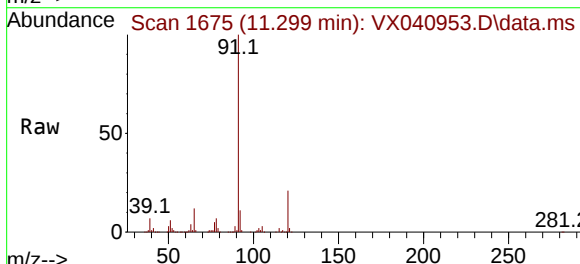
RT: 11.299 min Scan# 1675

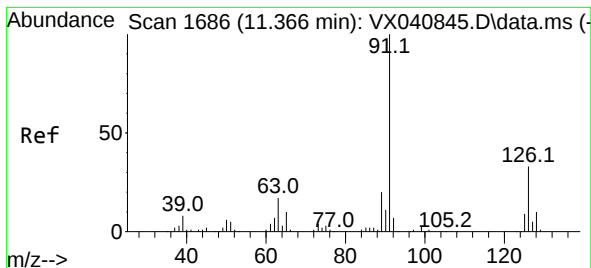
Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Tgt Ion:	91	Resp:	195502
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.5	34.4





#79

2-Chlorotoluene

Concen: 50.167 ug/l

RT: 11.360 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 117130

Ion Ratio Lower Upper

91 100

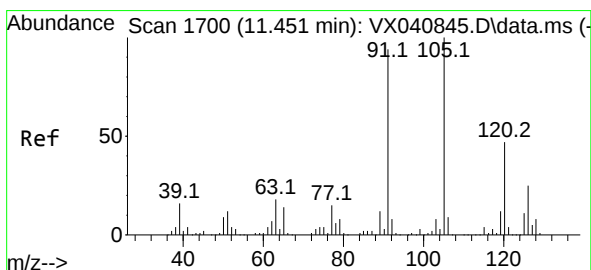
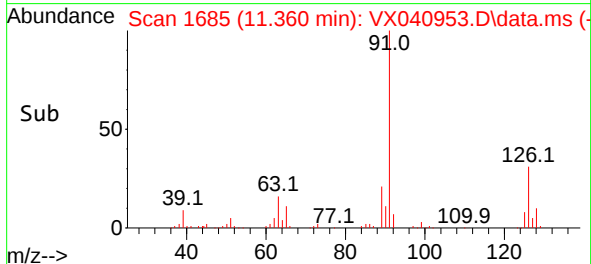
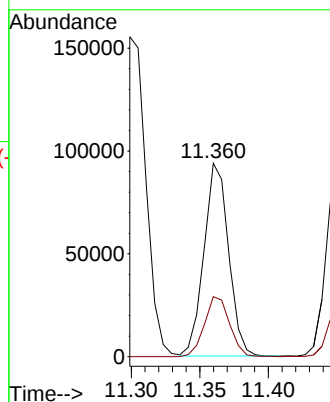
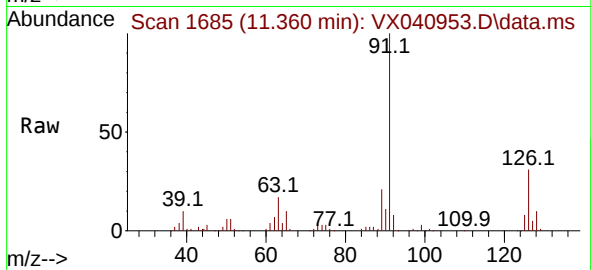
126 31.9 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#80

1,3,5-Trimethylbenzene

Concen: 51.517 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040953.D

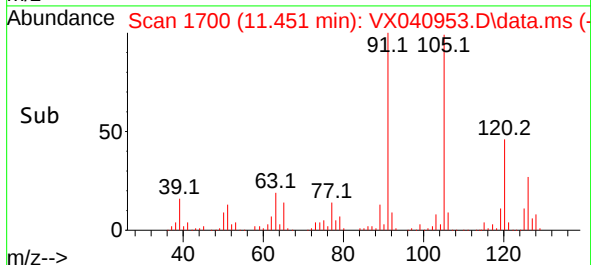
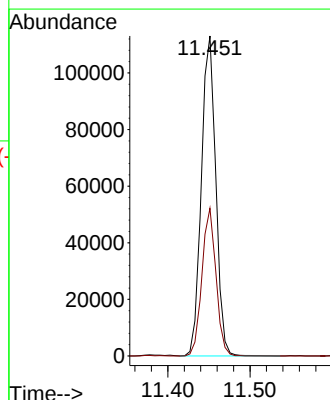
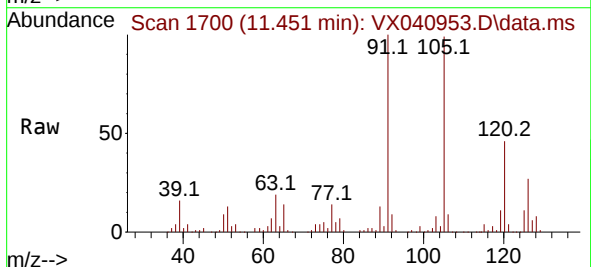
Acq: 09 Apr 2024 16:29

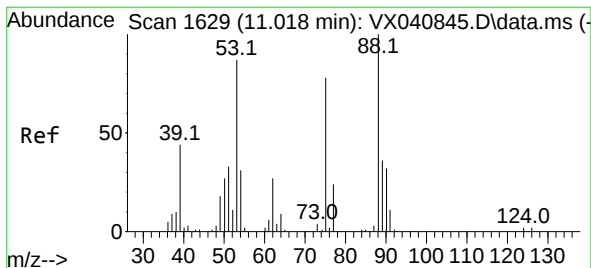
Tgt Ion:105 Resp: 137737

Ion Ratio Lower Upper

105 100

120 44.9 24.1 72.3





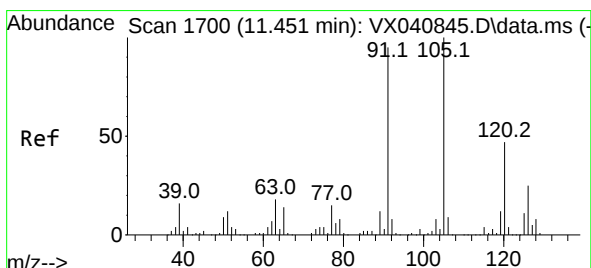
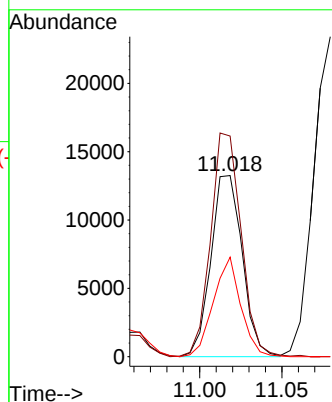
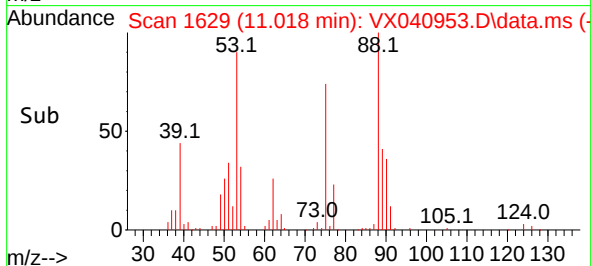
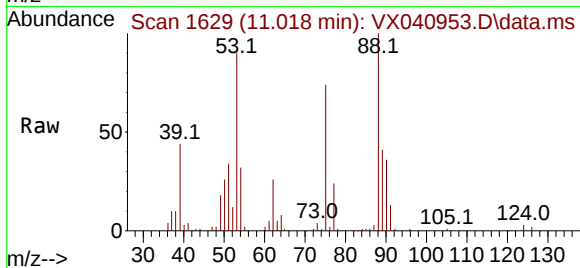
#81
trans-1,4-Dichloro-2-butene
Concen: 49.646 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 1758
Ion Ratio Lower Upper
75 100
53 120.3 90.5 135.7
89 48.0 36.9 55.3

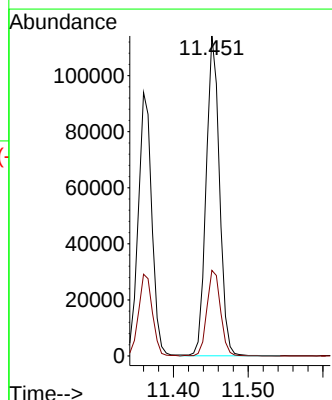
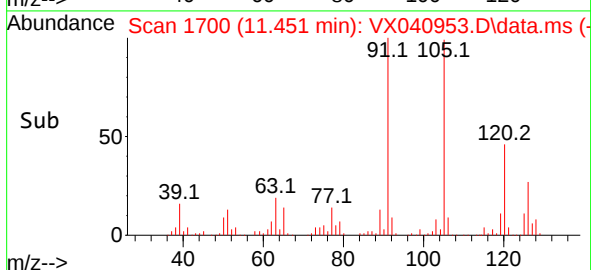
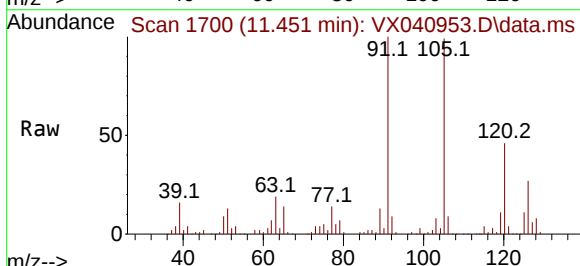
Manual Integrations
APPROVED

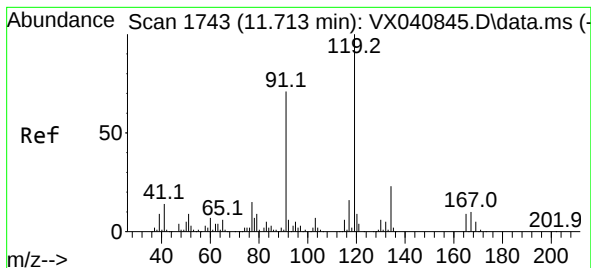
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024



#82
4-Chlorotoluene
Concen: 50.622 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Tgt Ion: 91 Resp: 141110
Ion Ratio Lower Upper
91 100
126 27.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.301 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

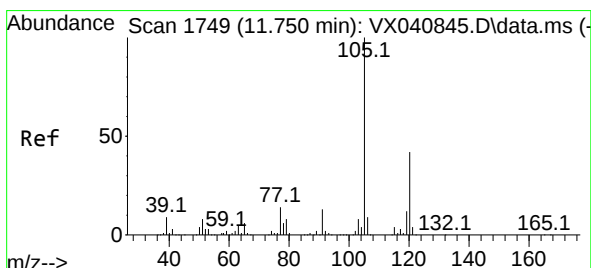
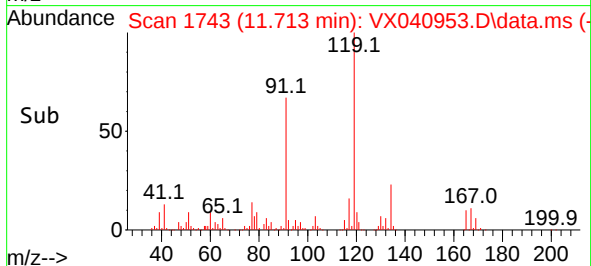
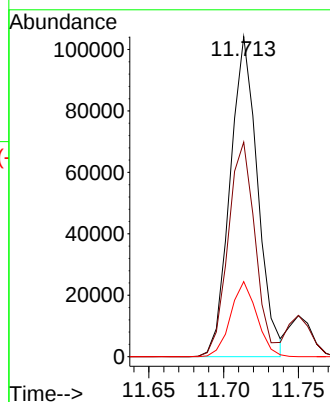
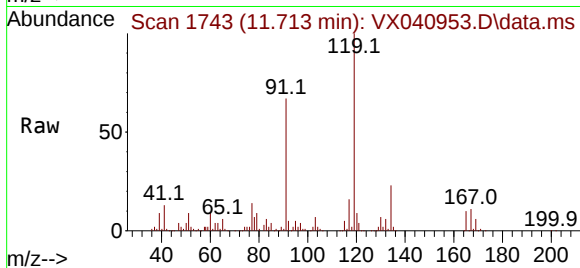
Tgt Ion:	119	Resp:	13341
Ion Ratio	Lower	Upper	
119	100		
91	66.4	31.2	93.6
134	22.4	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#84

1,2,4-Trimethylbenzene

Concen: 50.525 ug/l

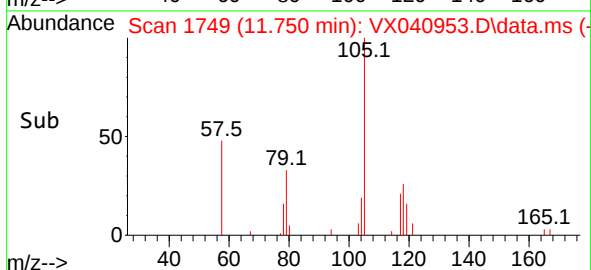
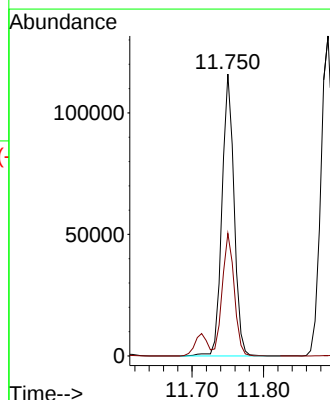
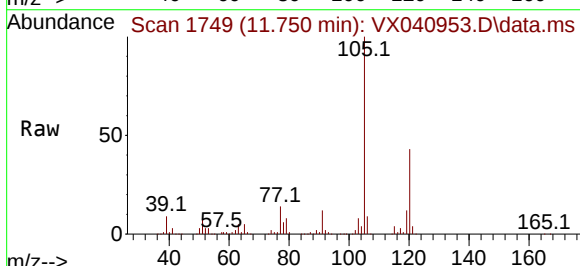
RT: 11.750 min Scan# 1749

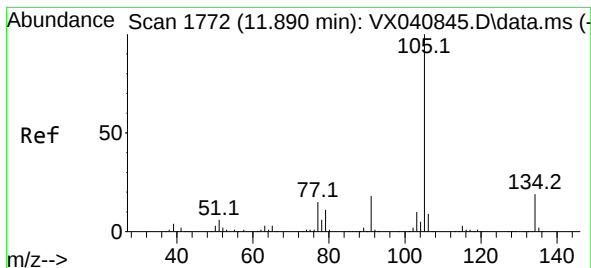
Delta R.T. 0.000 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

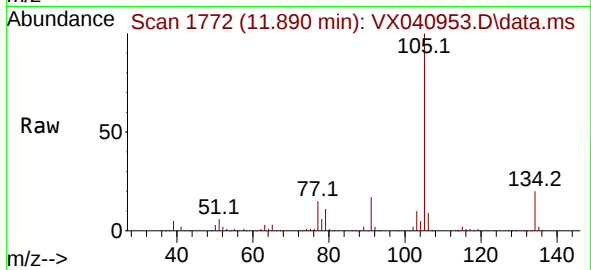
Tgt Ion:	105	Resp:	136082
Ion Ratio	Lower	Upper	
105	100		
120	43.3	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 48.826 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040953.D
 Acq: 09 Apr 2024 16:29

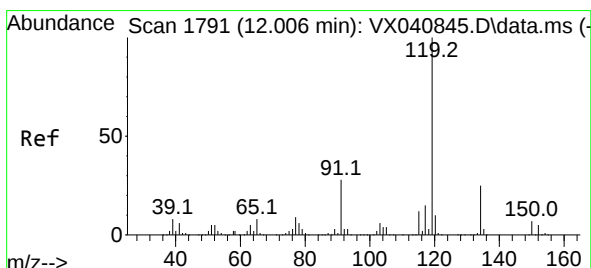
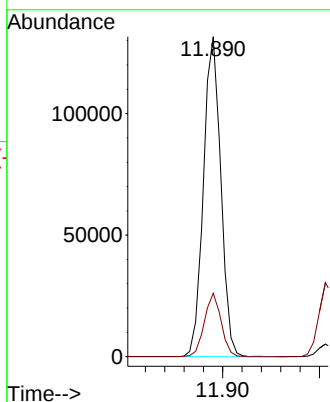
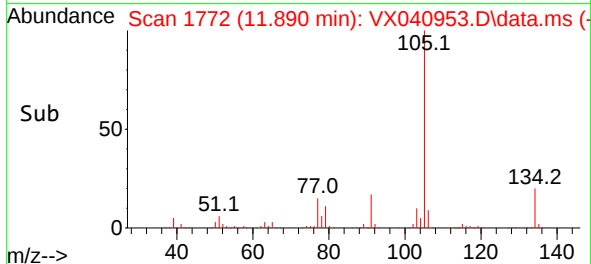
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



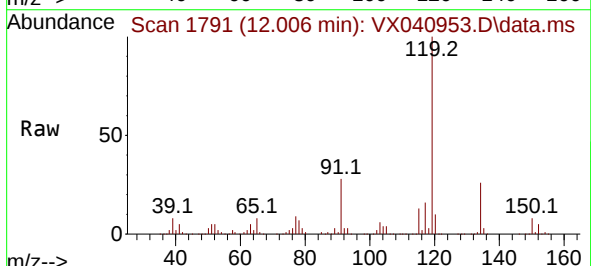
Tgt Ion:105 Resp: 164478
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations
 APPROVED

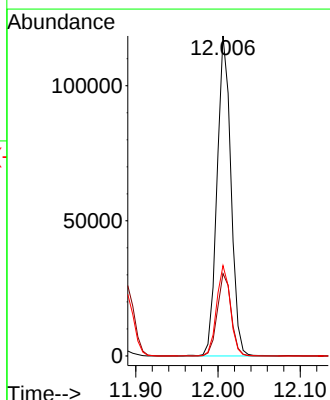
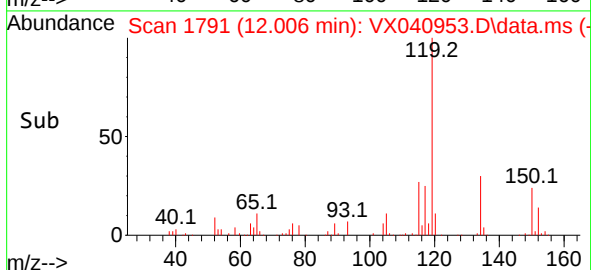
Reviewed By :John Carlone 04/10/2024
 Supervised By :Mahesh Dadoda 04/10/2024

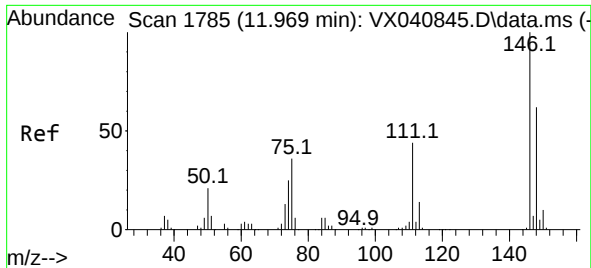


#86
 p-Isopropyltoluene
 Concen: 49.082 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040953.D
 Acq: 09 Apr 2024 16:29



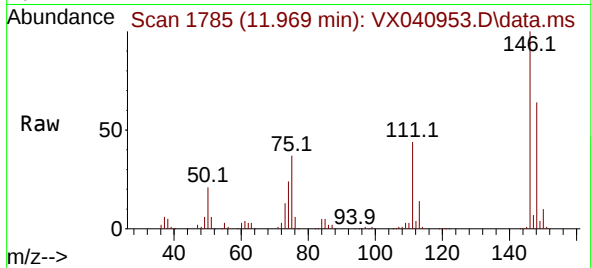
Tgt Ion:119 Resp: 138678
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 27.9 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 47.938 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

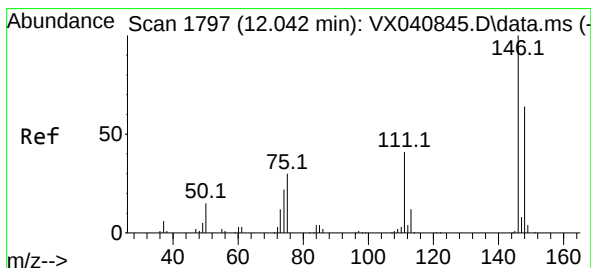
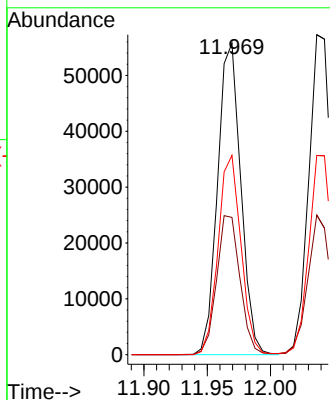
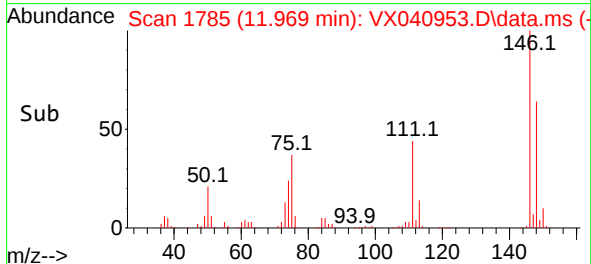
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



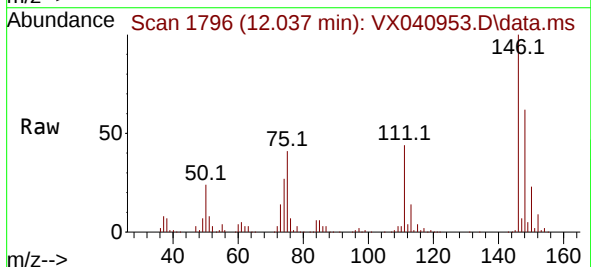
Tgt Ion:146 Resp: 71150
Ion Ratio Lower Upper
146 100
111 45.0 22.1 66.1
148 63.0 31.8 95.3

Manual Integrations
APPROVED

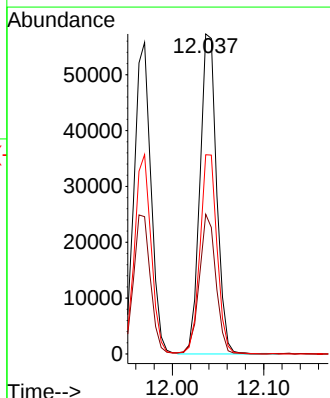
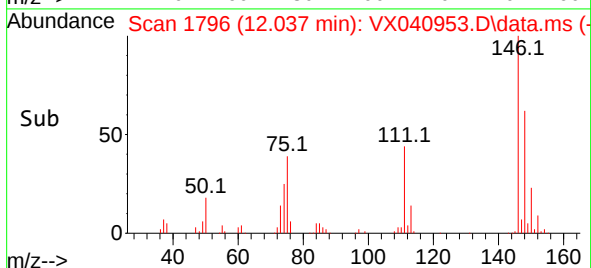
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024

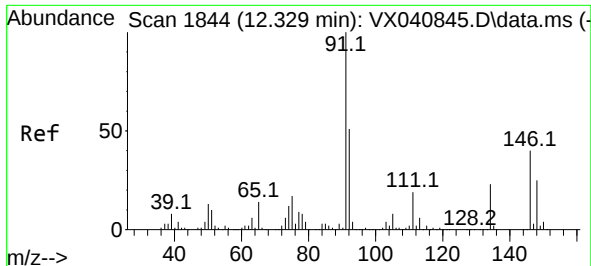


#88
1,4-Dichlorobenzene
Concen: 46.318 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29



Tgt Ion:146 Resp: 72951
Ion Ratio Lower Upper
146 100
111 43.5 21.3 63.7
148 63.5 31.8 95.4





#89

n-Butylbenzene

Concen: 47.165 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX040953.D

Acq: 09 Apr 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 13165

Ion Ratio Lower Upper

91 100

92 52.0 27.4 82.0

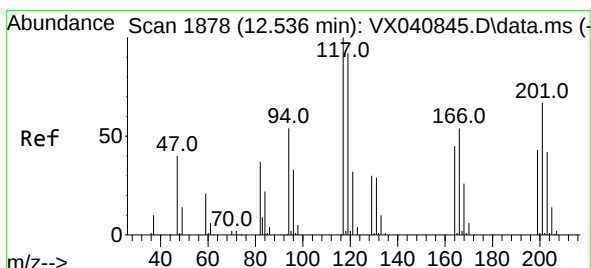
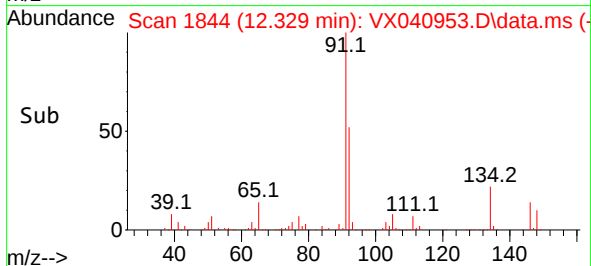
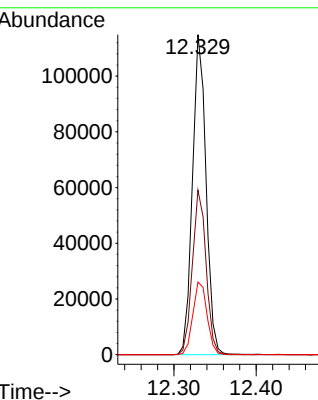
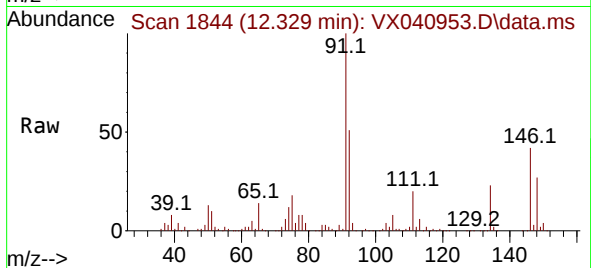
134 23.8 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/10/2024

Supervised By :Mahesh Dadoda 04/10/2024



#90

Hexachloroethane

Concen: 50.604 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040953.D

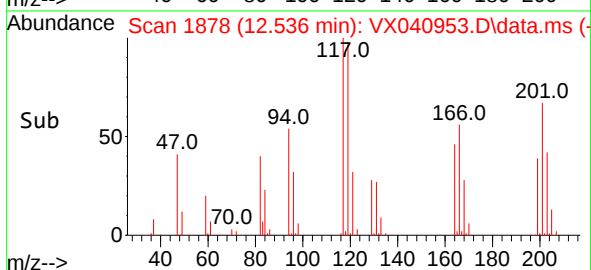
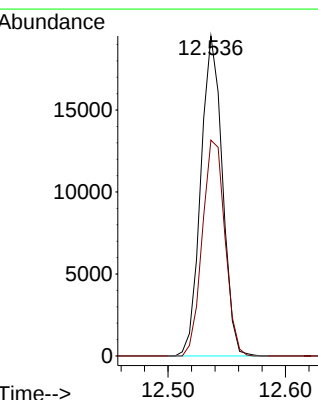
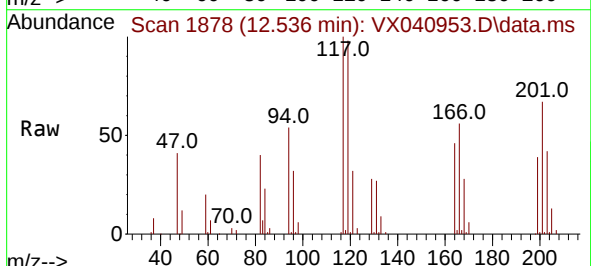
Acq: 09 Apr 2024 16:29

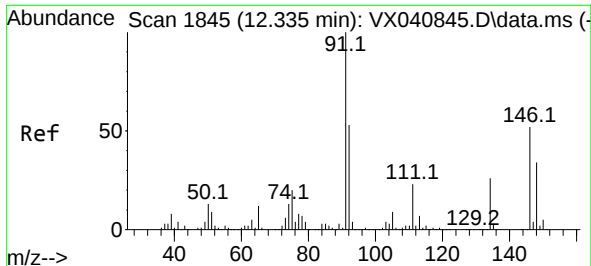
Tgt Ion:117 Resp: 24907

Ion Ratio Lower Upper

117 100

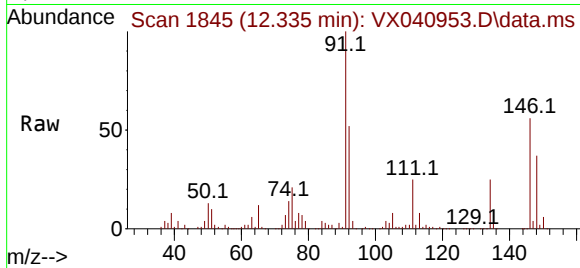
201 70.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 46.904 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

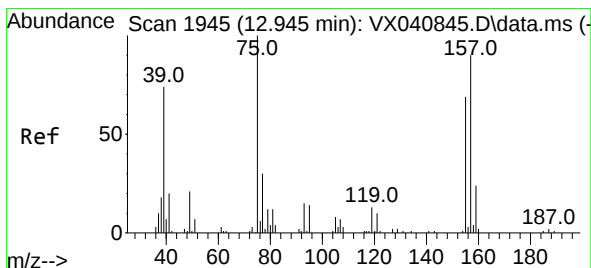
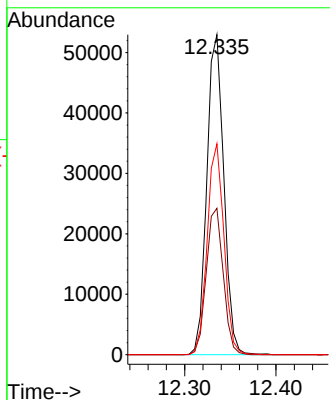
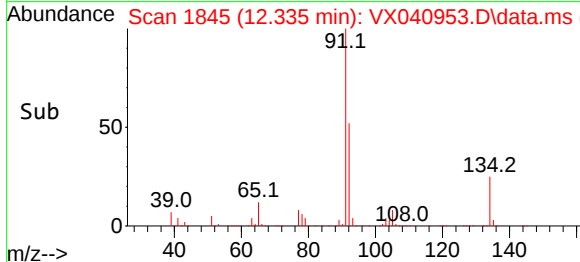
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



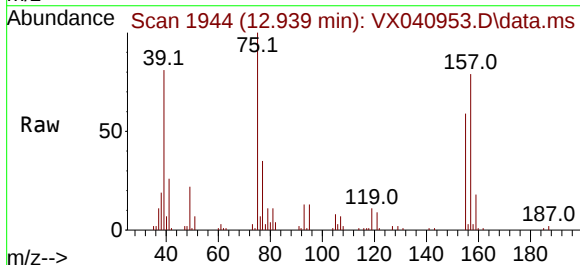
Tgt Ion:146 Resp: 68230
Ion Ratio Lower Upper
146 100
111 45.8 22.4 67.0
148 64.7 31.6 95.0

Manual Integrations
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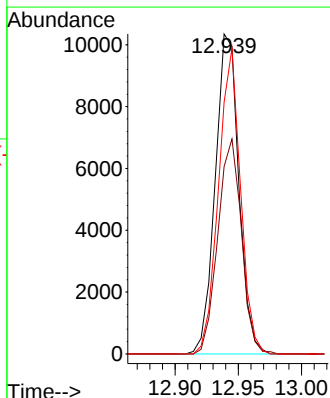
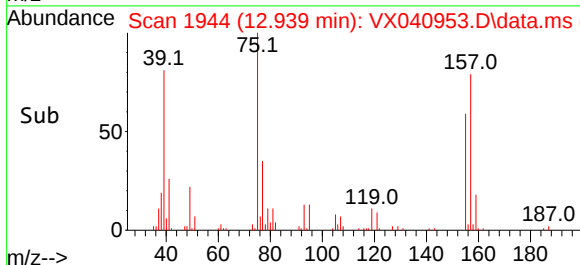
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024

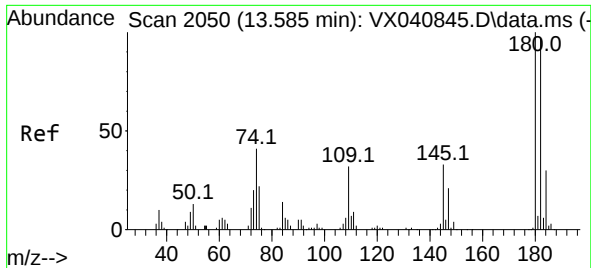


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.767 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29



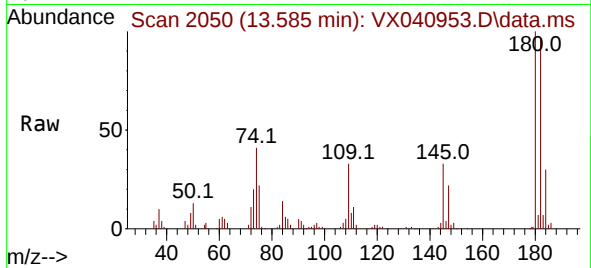
Tgt Ion: 75 Resp: 13413
Ion Ratio Lower Upper
75 100
155 67.0 36.1 108.5
157 88.8 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 44.647 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

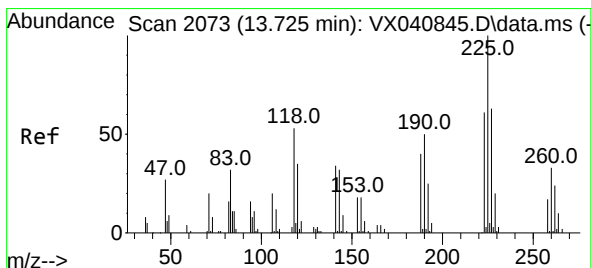
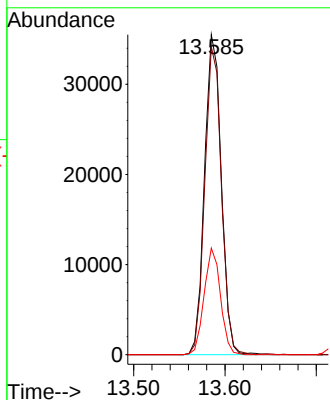
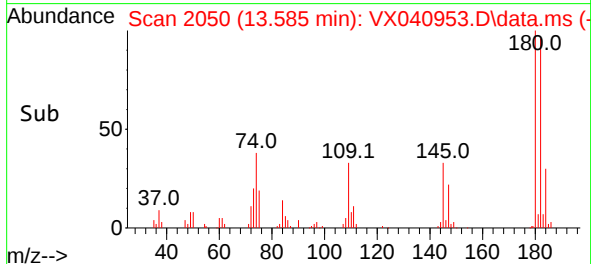
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



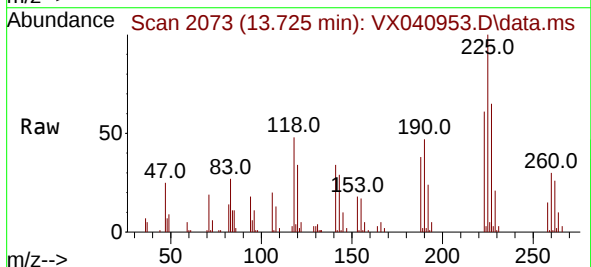
Tgt Ion:180 Resp: 45025
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.8
145 32.6 18.0 54.0

Manual Integrations
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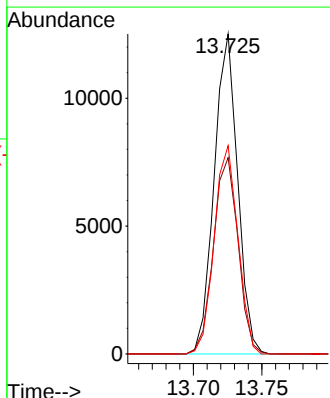
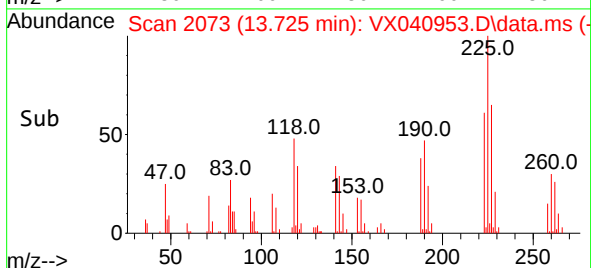
Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024

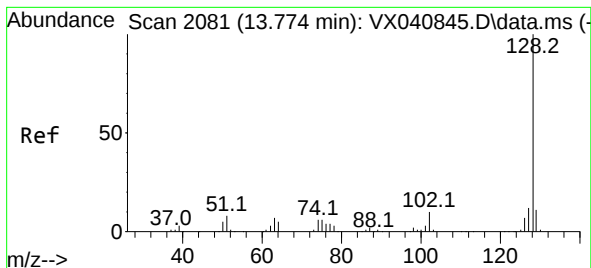


#94
Hexachlorobutadiene
Concen: 38.497 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29



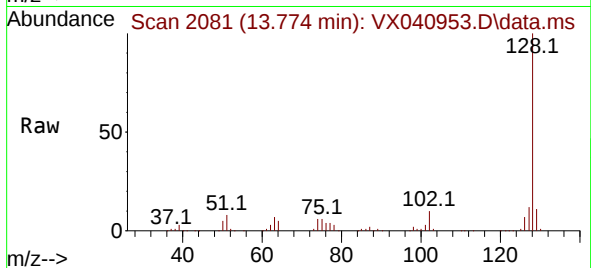
Tgt Ion:225 Resp: 14872
Ion Ratio Lower Upper
225 100
223 64.3 31.1 93.2
227 65.9 32.5 97.5





#95
Naphthalene
Concen: 47.642 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

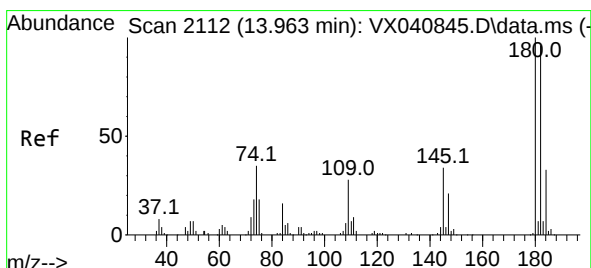
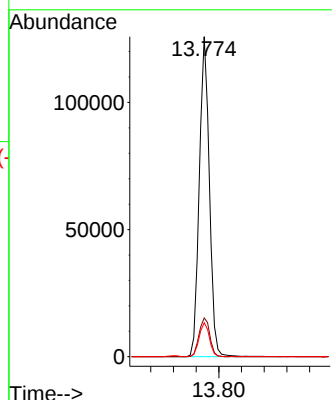
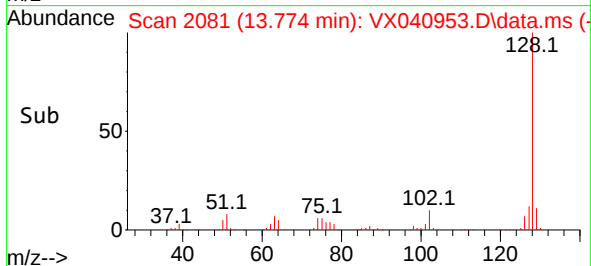
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 154699
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2024
Supervised By :Mahesh Dadoda 04/10/2024



#96
1,2,3-Trichlorobenzene
Concen: 45.758 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX040953.D
Acq: 09 Apr 2024 16:29

Tgt Ion:180 Resp: 44023
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.6
145 34.2 17.8 53.5

