

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040034.D
 Acq On : 31 Jan 2024 09:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2024
 Supervised By : Mahesh Dadoda 02/01/2024

Quant Time: Feb 01 04:18:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 07:12:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	104235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	178667	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	165427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81701	48.703	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.400%		
35) Dibromofluoromethane	5.379	113	62287	51.212	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.420%		
50) Toluene-d8	8.647	98	232562	51.130	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.260%		
62) 4-Bromofluorobenzene	11.079	95	88871	50.743	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	63558	54.136	ug/l	97
3) Chloromethane	1.294	50	57288	51.452	ug/l	97
4) Vinyl Chloride	1.374	62	58137	56.458	ug/l	99
5) Bromomethane	1.593	94	43880	43.835	ug/l	96
6) Chloroethane	1.679	64	35576	52.332	ug/l	98
7) Trichlorofluoromethane	1.886	101	89582	54.678	ug/l	100
8) Diethyl Ether	2.130	74	32146	55.498	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	58294	47.687	ug/l	99
10) Methyl Iodide	2.447	142	65440	50.289	ug/l	95
11) Tert butyl alcohol	2.953	59	73220	240.550	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	55175	47.062	ug/l	86
13) Acrolein	2.233	56	82662	283.448	ug/l	99
14) Allyl chloride	2.660	41	102992	48.736	ug/l	97
15) Acrylonitrile	3.056	53	183378	240.502	ug/l	98
16) Acetone	2.374	43	172476	219.434	ug/l	92
17) Carbon Disulfide	2.508	76	152127	44.381	ug/l	97
18) Methyl Acetate	2.697	43	100372	53.904	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	194452	48.419	ug/l	100
20) Methylene Chloride	2.782	84	64505	46.180	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	61813	47.875	ug/l	92
22) Diisopropyl ether	3.757	45	206508	50.448	ug/l	90
23) Vinyl Acetate	3.715	43	929268	253.660	ug/l	100
24) 1,1-Dichloroethane	3.605	63	114626	48.893	ug/l	99
25) 2-Butanone	4.550	43	264813	242.364	ug/l	98
26) 2,2-Dichloropropane	4.471	77	90355	49.393	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	70684	49.064	ug/l	96
28) Bromochloromethane	4.891	49	49370	45.160	ug/l	97
29) Tetrahydrofuran	4.995	42	172711	248.603	ug/l	99
30) Chloroform	5.086	83	117206	46.558	ug/l	98
31) Cyclohexane	5.464	56	101014	48.072	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	102179	47.295	ug/l	99
36) 1,1-Dichloropropene	5.690	75	87614	49.809	ug/l	99
37) Ethyl Acetate	4.708	43	99835	51.970	ug/l	99
38) Carbon Tetrachloride	5.672	117	84719	50.336	ug/l	95
39) Methylcyclohexane	7.379	83	106346	49.691	ug/l	97
40) Benzene	6.031	78	252992	49.382	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	54145	55.578	ug/l	94
42) 1,2-Dichloroethane	6.080	62	98007	49.695	ug/l	99
43) Isopropyl Acetate	6.336	43	161660	53.364	ug/l	99
44) Trichloroethene	7.123	130	65243	48.393	ug/l	100
45) 1,2-Dichloropropane	7.428	63	67712	50.058	ug/l	99
46) Dibromomethane	7.580	93	48268	47.540	ug/l	98
47) Bromodichloromethane	7.818	83	92603	51.210	ug/l	98
48) Methyl methacrylate	7.690	41	80448	53.908	ug/l	93
49) 1,4-Dioxane	7.653	88	32750	1009.915	ug/l #	92
51) 4-Methyl-2-Pentanone	8.568	43	502553	243.019	ug/l	99
52) Toluene	8.714	92	158407	49.607	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	97211	51.832	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	98388	49.163	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	65245	49.363	ug/l	94
56) Ethyl methacrylate	9.110	69	103459	53.602	ug/l	97
57) 1,3-Dichloropropane	9.305	76	108655	49.907	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	241623	248.944	ug/l	99
59) 2-Hexanone	9.427	43	429345	260.395	ug/l	98
60) Dibromochloromethane	9.519	129	68006	51.205	ug/l	99
61) 1,2-Dibromoethane	9.604	107	69638	48.733	ug/l	99
64) Tetrachloroethene	9.269	164	53457	49.663	ug/l	96
65) Chlorobenzene	10.079	112	169210	49.486	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	59942	51.909	ug/l	99
67) Ethyl Benzene	10.189	91	313253	51.060	ug/l	97
68) m/p-Xylenes	10.299	106	234210	101.476	ug/l	97
69) o-Xylene	10.640	106	113520	51.852	ug/l	98
70) Styrene	10.653	104	191762	51.969	ug/l	99
71) Bromoform	10.799	173	47788	50.909	ug/l #	99
73) Isopropylbenzene	10.957	105	299827	49.744	ug/l	99
74) N-amyl acetate	10.842	43	144967	50.476	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	107674	47.515	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	87995m	49.229	ug/l	
77) Bromobenzene	11.195	156	69726	50.149	ug/l	98
78) n-propylbenzene	11.305	91	375507	50.627	ug/l	99
79) 2-Chlorotoluene	11.360	91	214814	48.108	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	263594	50.874	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	29803	52.262	ug/l	92
82) 4-Chlorotoluene	11.451	91	258857	50.509	ug/l	100
83) tert-Butylbenzene	11.713	119	248077	50.035	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	263907	51.044	ug/l	100
85) sec-Butylbenzene	11.890	105	328218	49.967	ug/l	100
86) p-Isopropyltoluene	12.006	119	271009	50.525	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	137658	49.078	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	140729	49.014	ug/l	100
89) n-Butylbenzene	12.329	91	255175	49.013	ug/l	97
90) Hexachloroethane	12.536	117	43449	49.610	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	130735	48.342	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23785	46.303	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	85038	50.302	ug/l	98
94) Hexachlorobutadiene	13.725	225	33796	50.750	ug/l	99
95) Naphthalene	13.774	128	286018	49.813	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	83292	49.831	ug/l	99

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QLast Update : Wed Jan 31 07:12:04 2024
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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

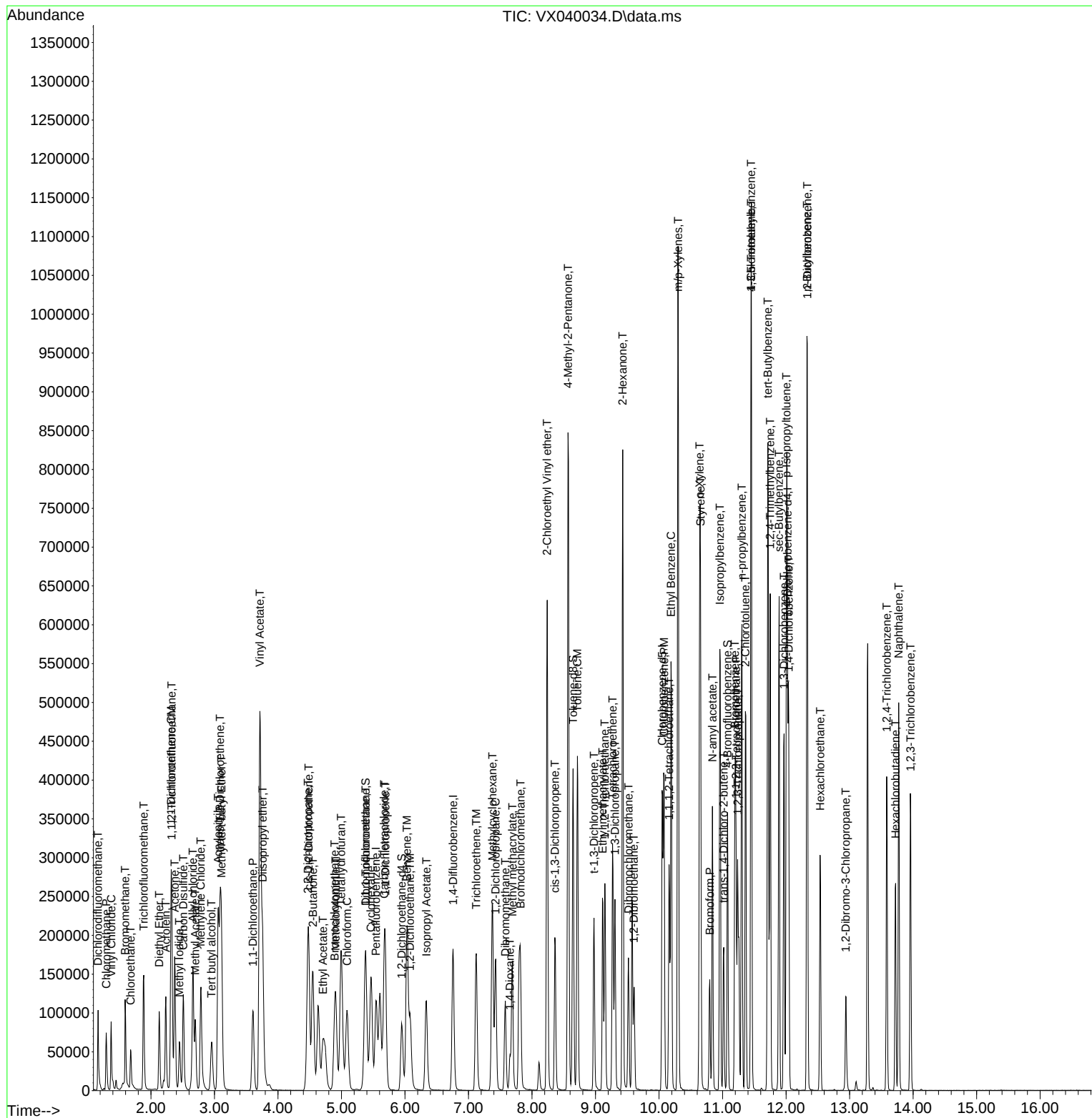
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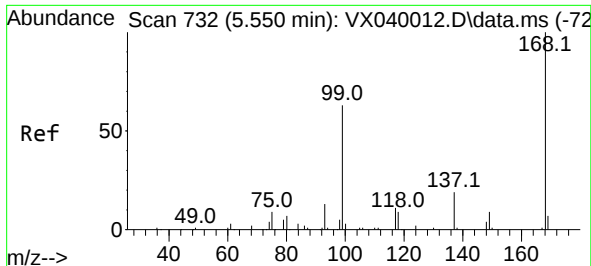
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Manual Integrations
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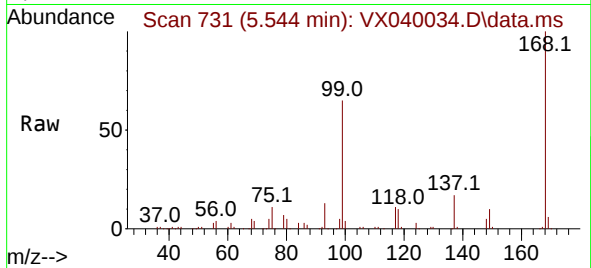
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040034.D
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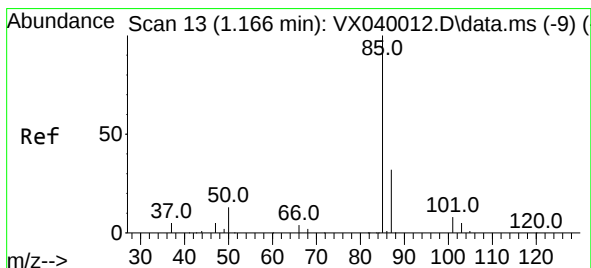
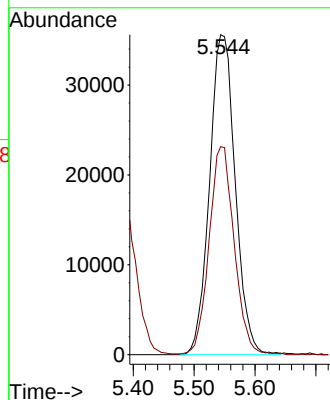
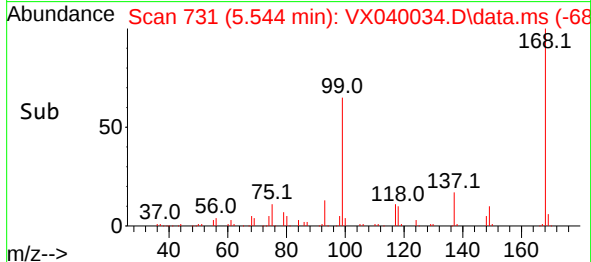
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion:168 Resp: 10423
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0

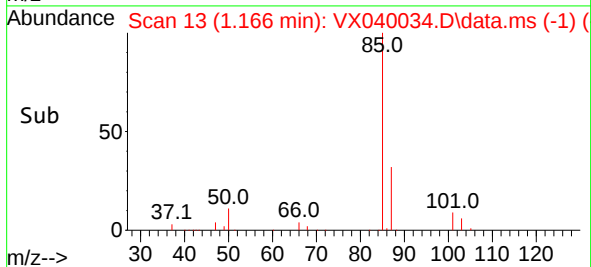
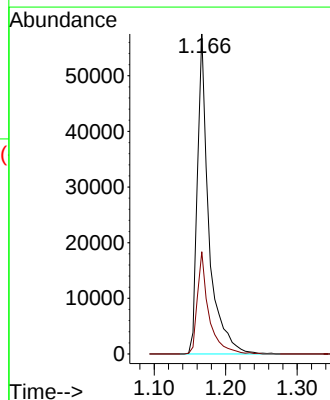
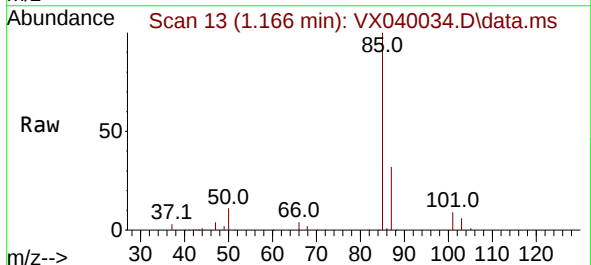
Manual Integrations
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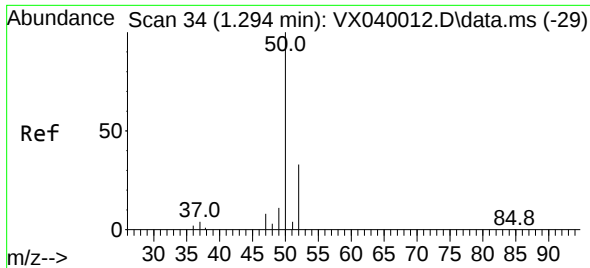
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#2
Dichlorodifluoromethane
Concen: 54.136 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

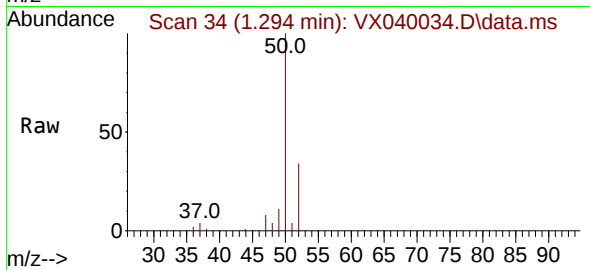
Tgt Ion: 85 Resp: 63558
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





#3
Chloromethane
Concen: 51.452 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

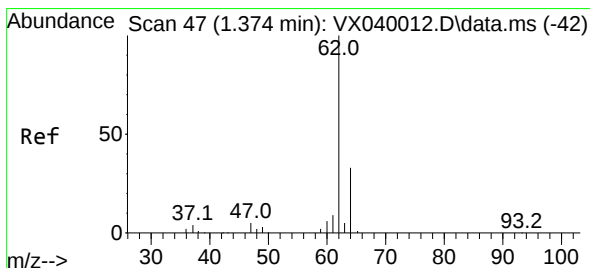
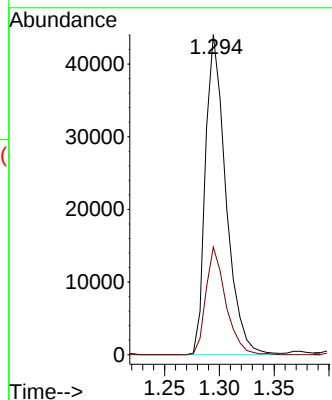
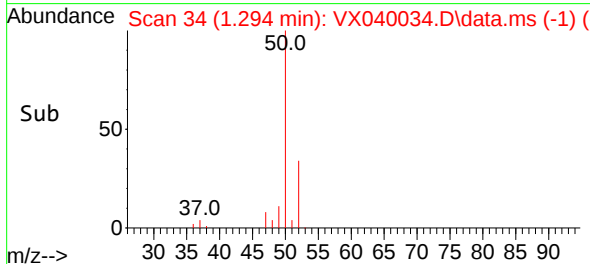
Instrument :
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Tgt Ion: 50 Resp: 5728
Ion Ratio Lower Upper
50 100
52 33.7 25.5 38.3

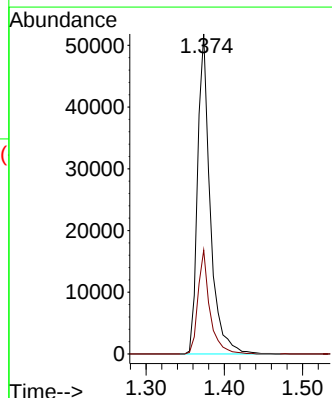
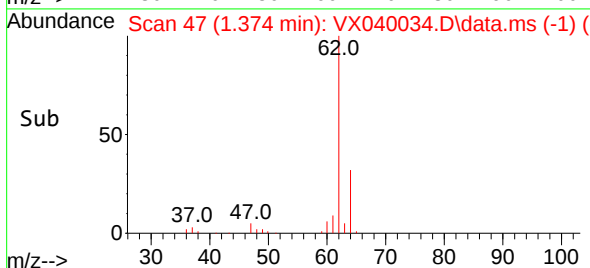
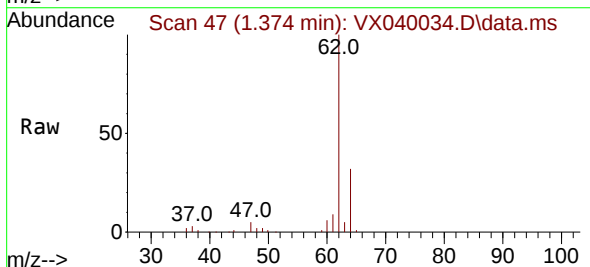
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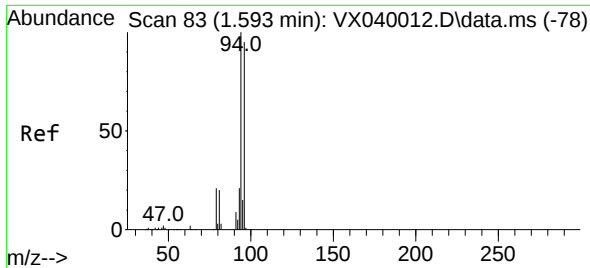
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#4
Vinyl Chloride
Concen: 56.458 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion: 62 Resp: 58137
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





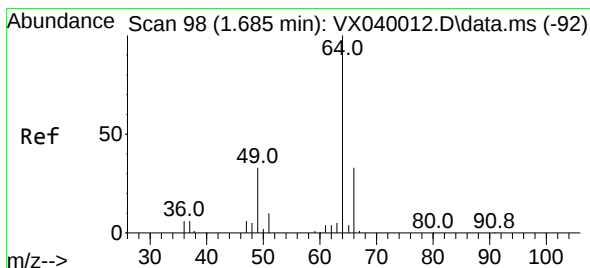
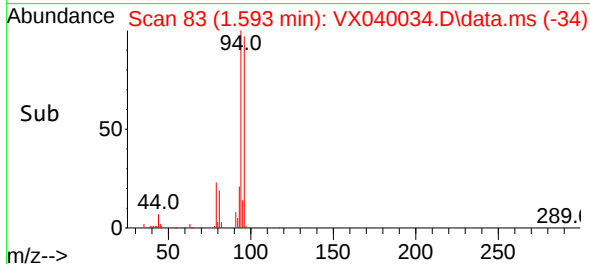
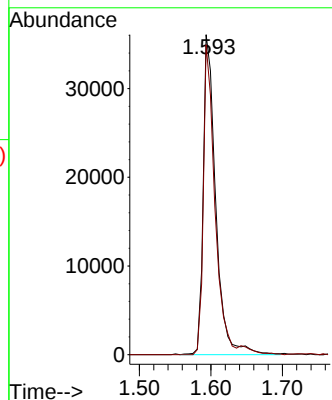
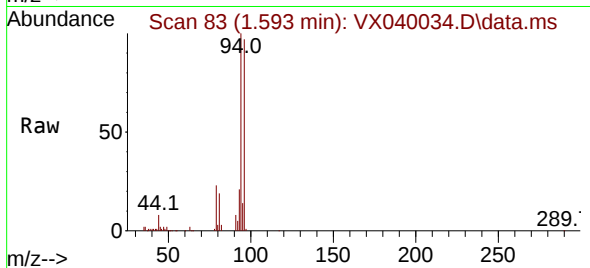
#5
Bromomethane
Concen: 43.835 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Instrument :
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Tgt Ion: 94 Resp: 43880
Ion Ratio Lower Upper
94 100
96 96.8 74.6 111.8

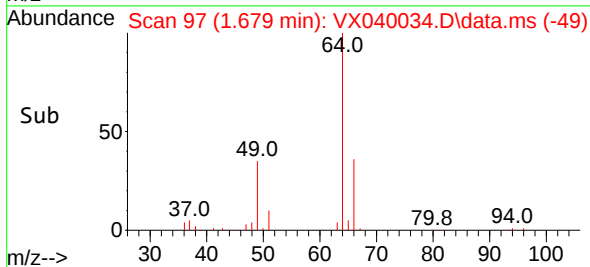
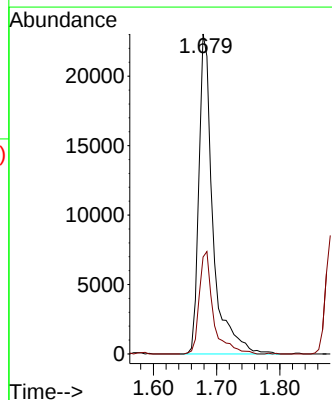
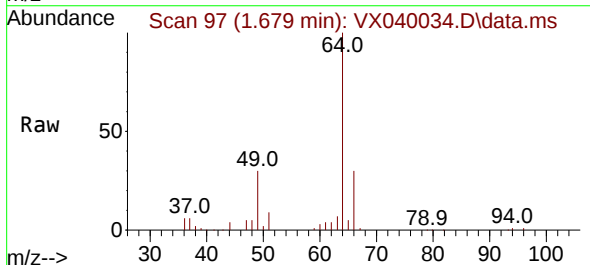
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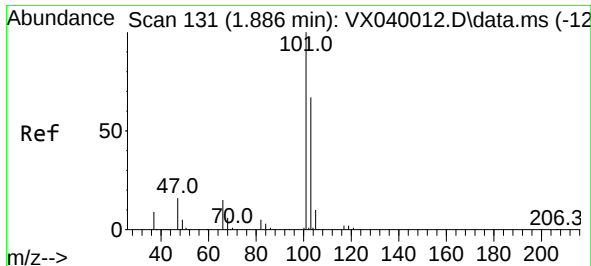
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#6
Chloroethane
Concen: 52.332 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion: 64 Resp: 35576
Ion Ratio Lower Upper
64 100
66 30.3 25.1 37.7





#7
Trichlorofluoromethane
Concen: 54.678 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

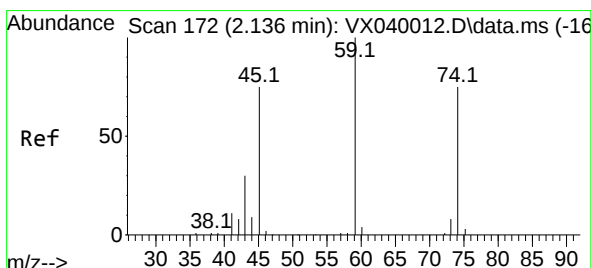
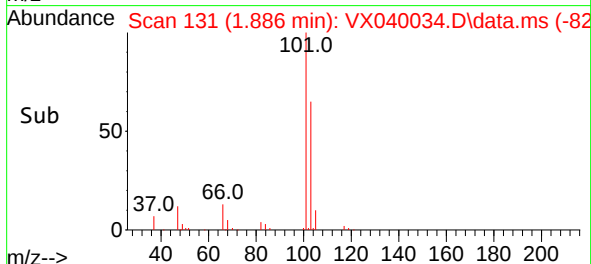
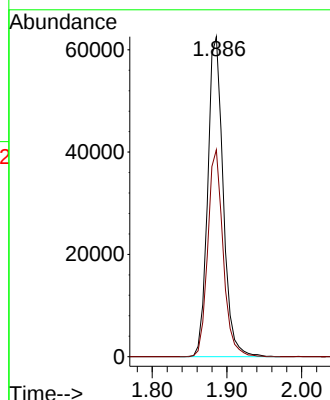
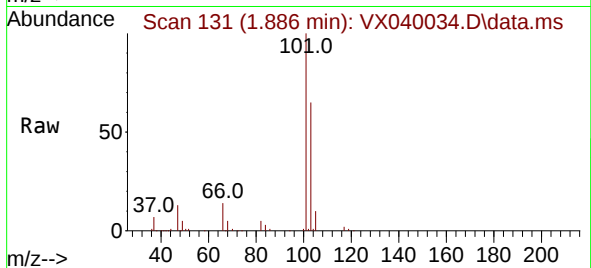
Tgt Ion:101 Resp: 8958
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

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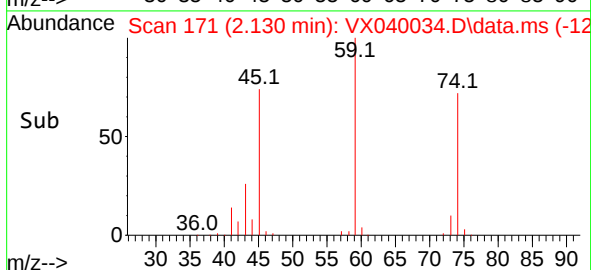
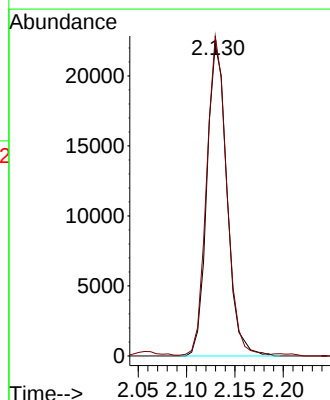
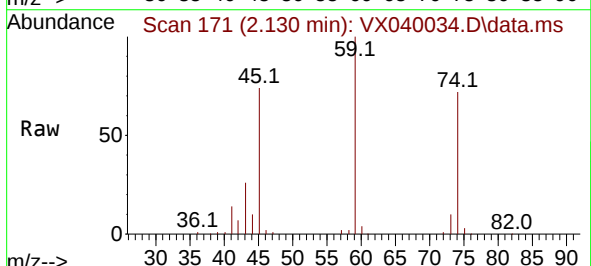
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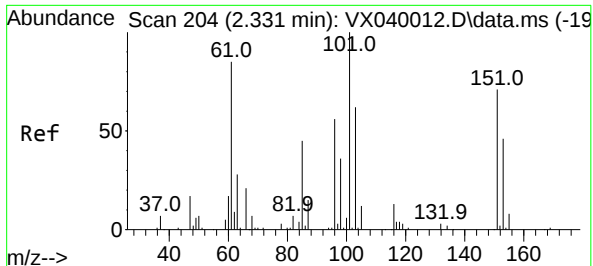
Supervised By :Mahesh Dadoda 02/01/2024



#8
Diethyl Ether
Concen: 55.498 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion: 74 Resp: 32146
Ion Ratio Lower Upper
74 100
45 102.0 53.3 159.8





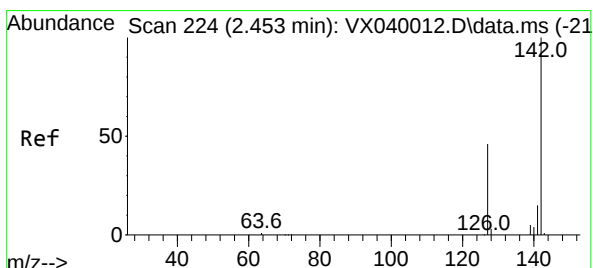
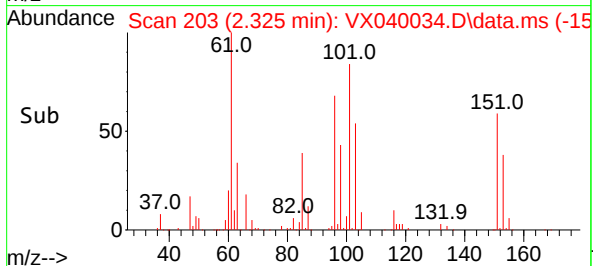
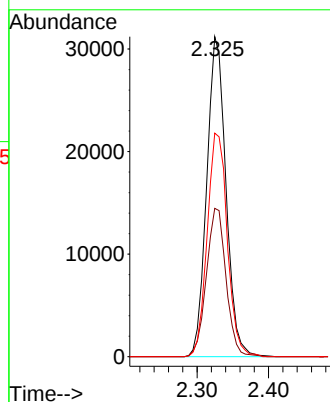
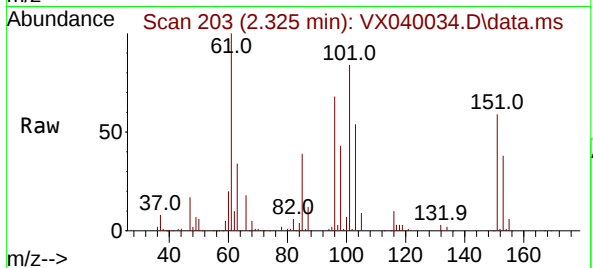
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.687 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 58294
Ion Ratio Lower Upper
101 100
85 47.4 37.0 55.6
151 73.1 58.6 87.8

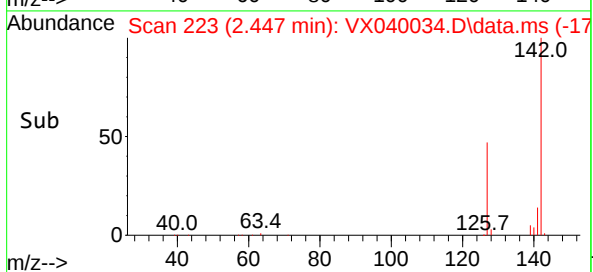
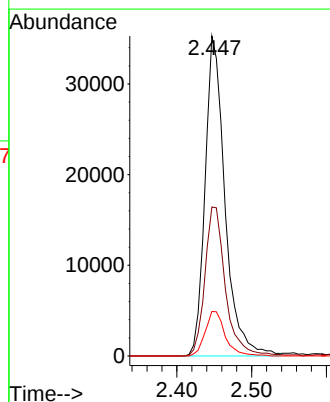
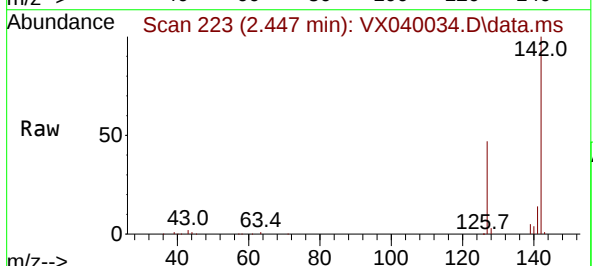
Manual Integrations
APPROVED

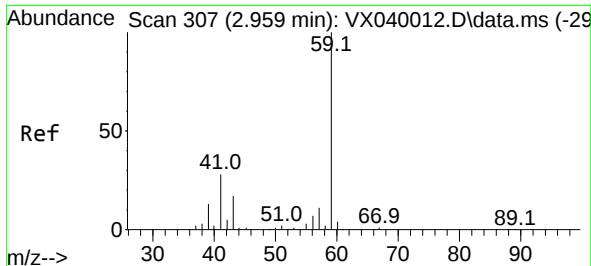
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#10
Methyl Iodide
Concen: 50.289 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion:142 Resp: 65440
Ion Ratio Lower Upper
142 100
127 48.1 41.6 62.4
141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 240.550 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 73220

Ion Ratio Lower Upper

59 100

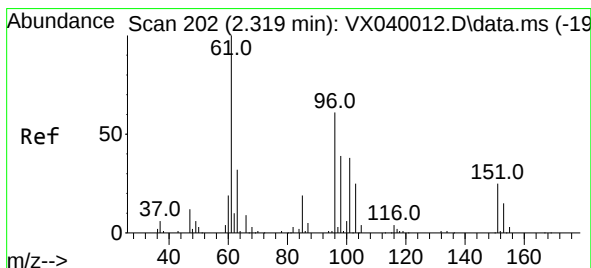
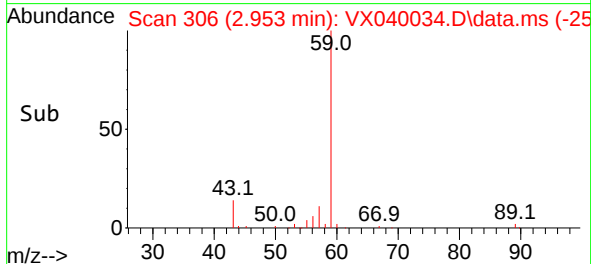
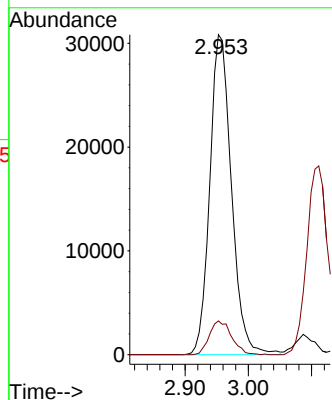
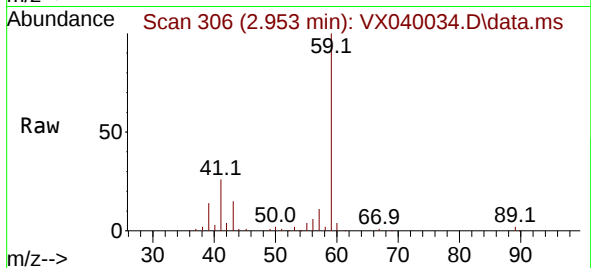
57 10.9 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#12

1,1-Dichloroethene

Concen: 47.062 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

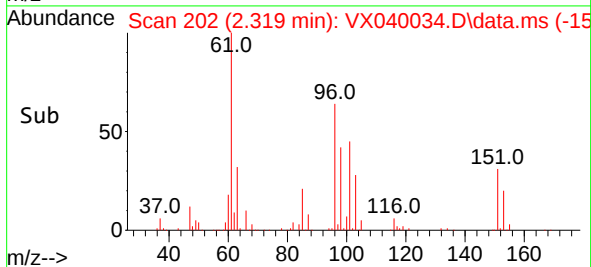
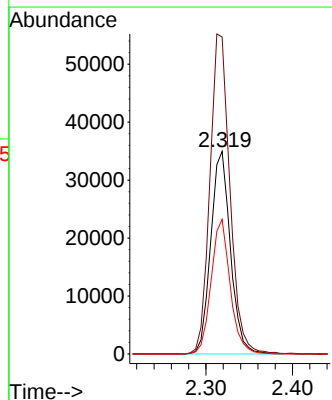
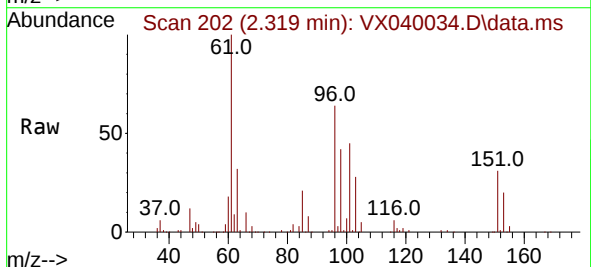
Tgt Ion: 96 Resp: 55175

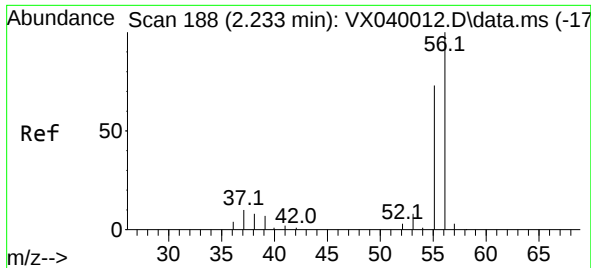
Ion Ratio Lower Upper

96 100

61 156.5 144.6 216.8

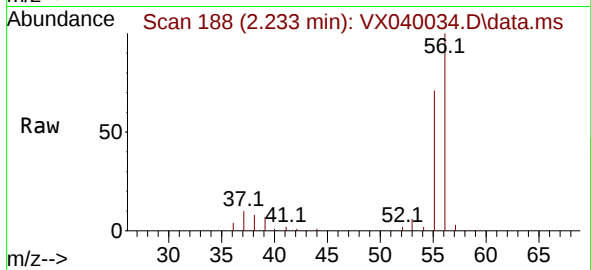
98 66.4 50.4 75.6





#13
Acrolein
Concen: 283.448 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

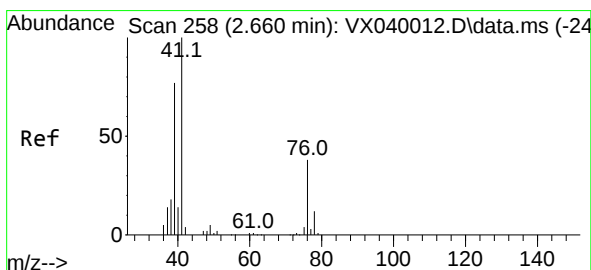
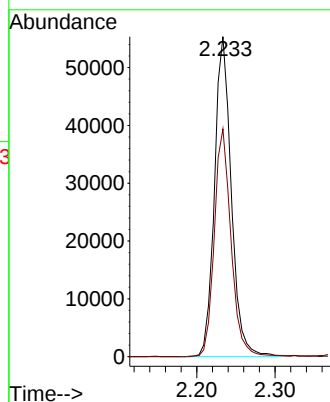
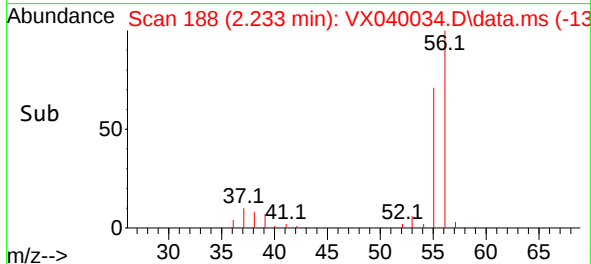
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 82662
Ion Ratio Lower Upper
56 100
55 70.9 57.1 85.7

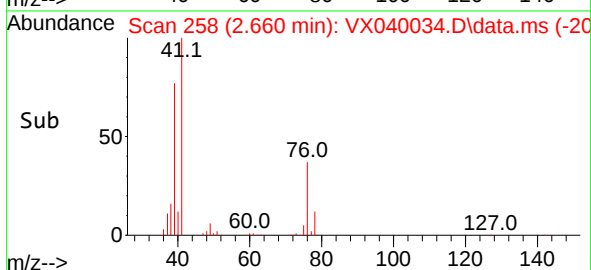
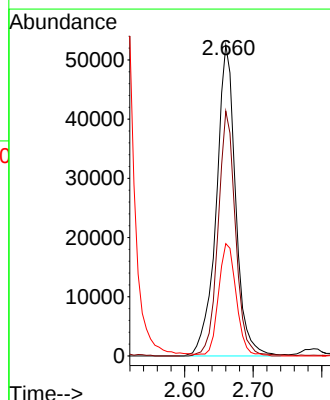
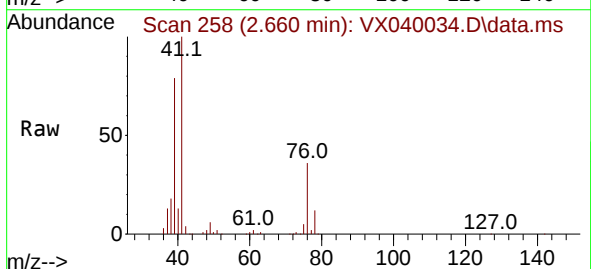
Manual Integrations
APPROVED

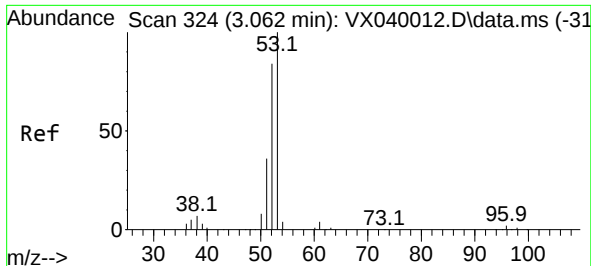
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#14
Allyl chloride
Concen: 48.736 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

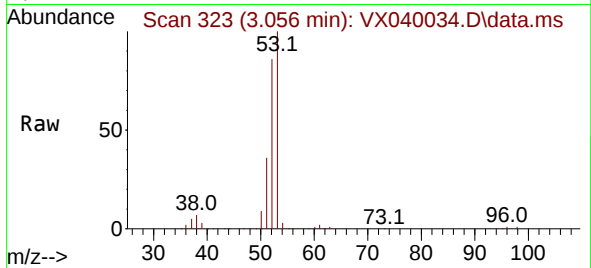
Tgt Ion: 41 Resp: 102992
Ion Ratio Lower Upper
41 100
39 70.9 55.8 83.6
76 33.1 24.3 36.5





#15
Acrylonitrile
Concen: 240.502 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

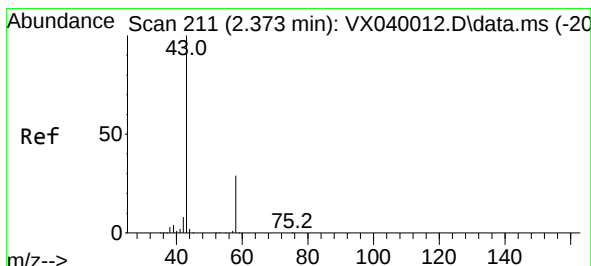
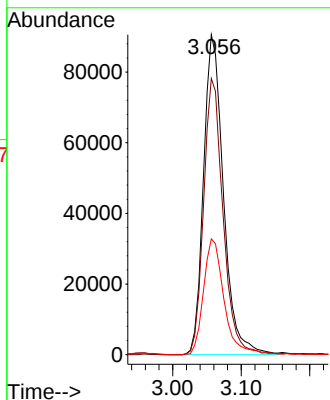
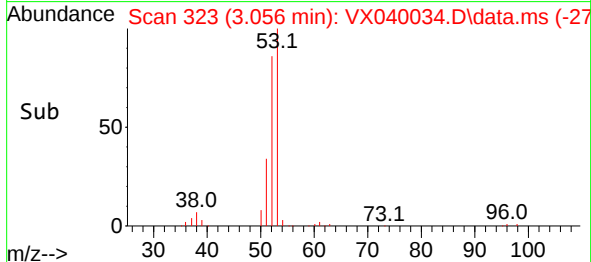
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 183378
Ion Ratio Lower Upper
53 100
52 84.6 66.0 99.0
51 37.2 29.8 44.6

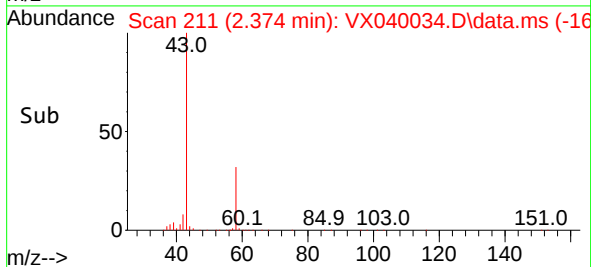
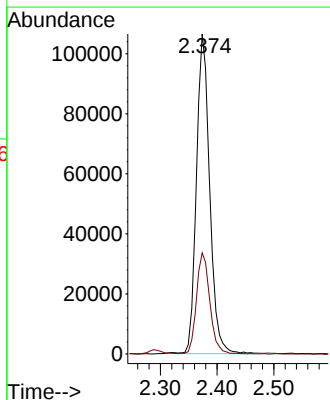
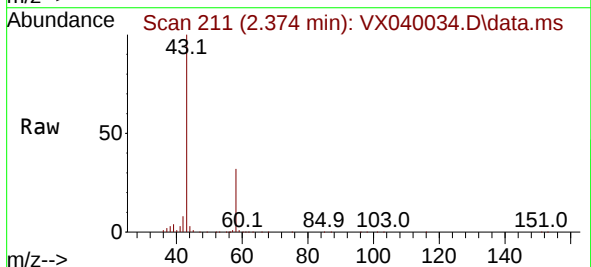
Manual Integrations
APPROVED

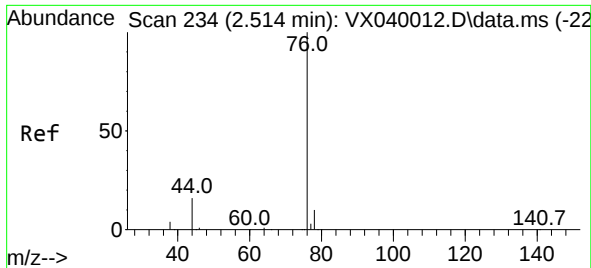
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#16
Acetone
Concen: 219.434 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion: 43 Resp: 172476
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





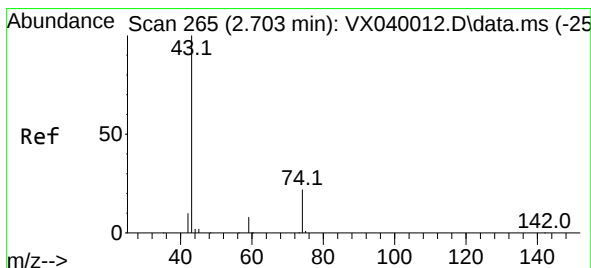
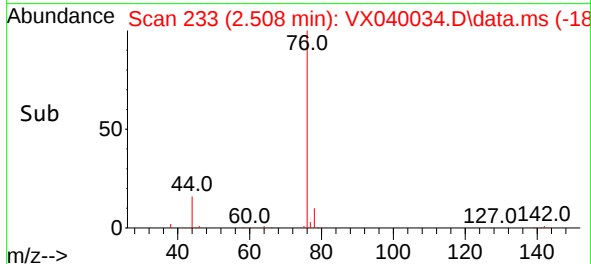
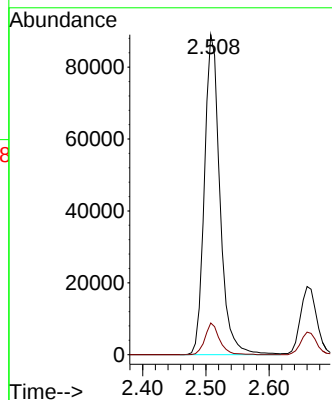
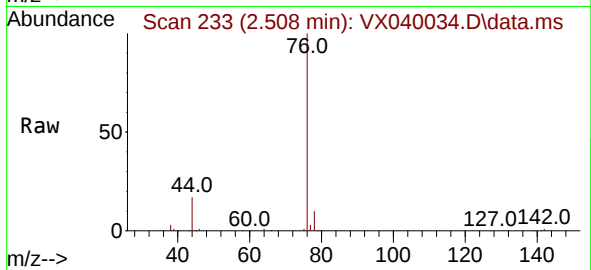
#17
Carbon Disulfide
Concen: 44.381 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 15212
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6

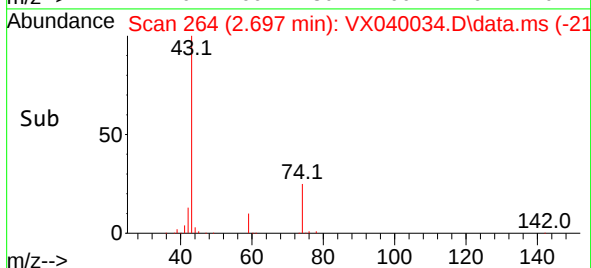
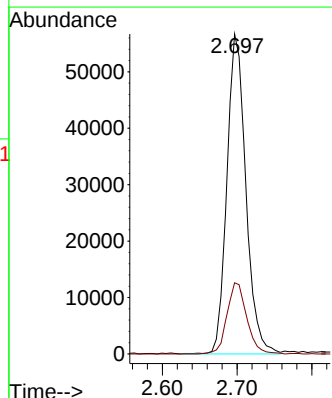
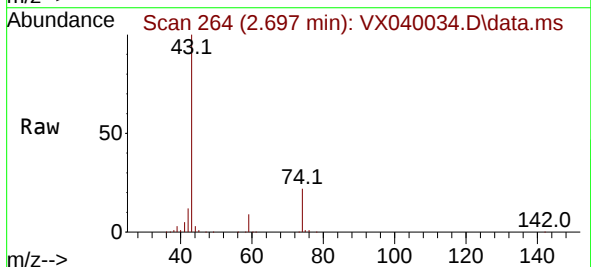
Manual Integrations
APPROVED

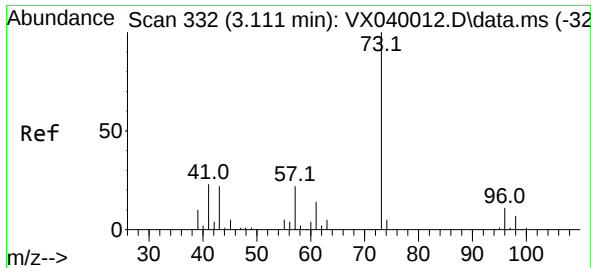
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#18
Methyl Acetate
Concen: 53.904 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion: 43 Resp: 100372
Ion Ratio Lower Upper
43 100
74 23.1 17.8 26.8





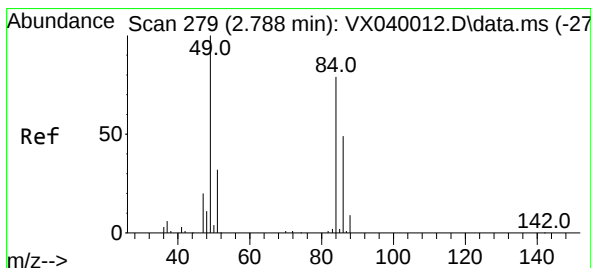
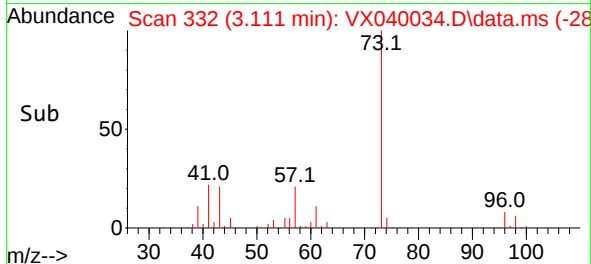
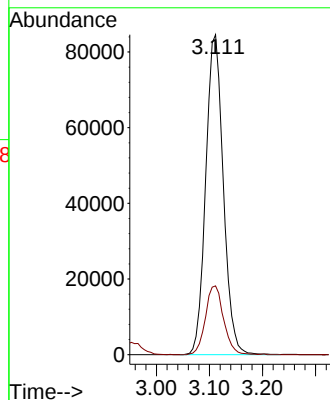
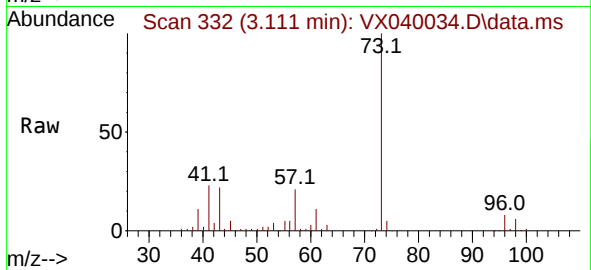
#19
Methyl tert-butyl Ether
Concen: 48.419 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 194452
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

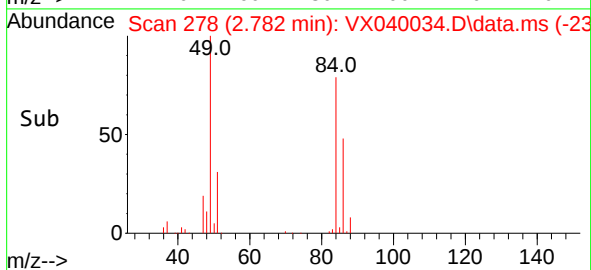
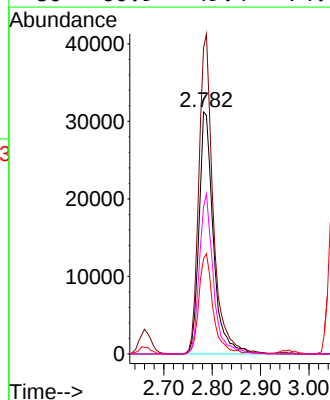
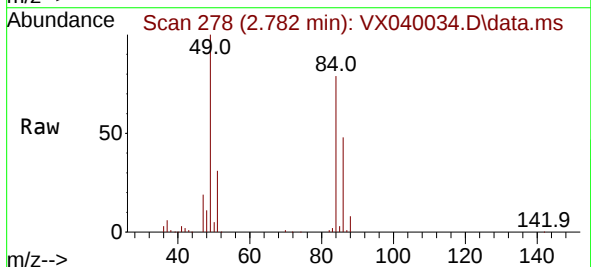
Manual Integrations
APPROVED

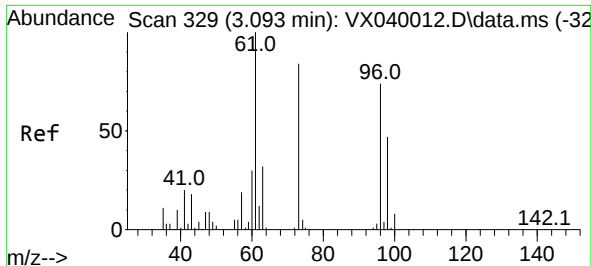
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#20
Methylene Chloride
Concen: 46.180 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

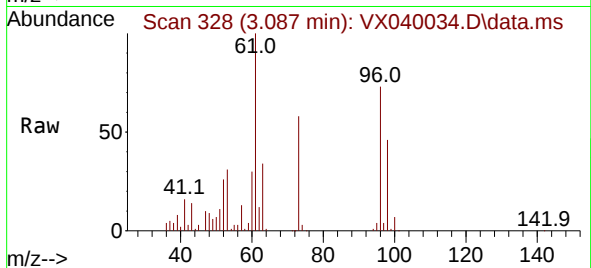
Tgt Ion: 84 Resp: 64505
Ion Ratio Lower Upper
84 100
49 126.5 103.6 155.4
51 39.5 33.8 50.6
86 60.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 47.875 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

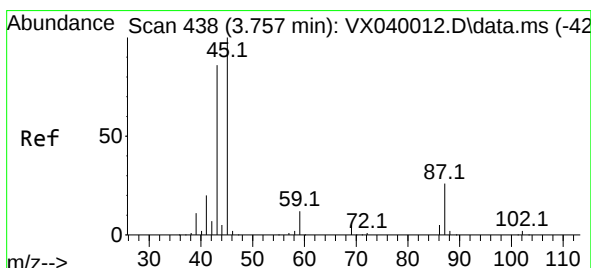
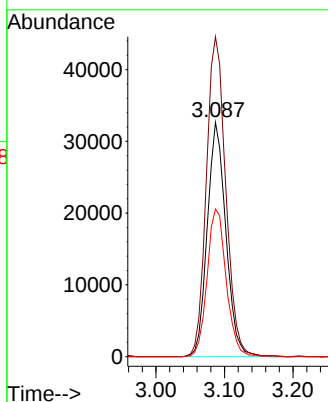
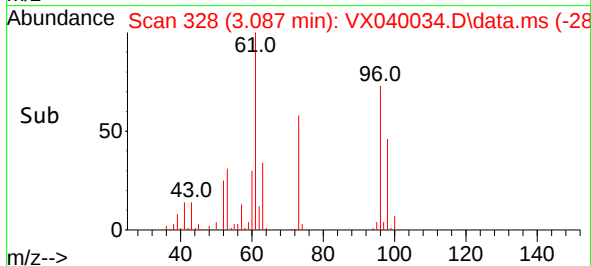
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 6181
Ion Ratio Lower Upper
96 100
61 136.5 119.2 178.8
98 63.0 48.7 73.1

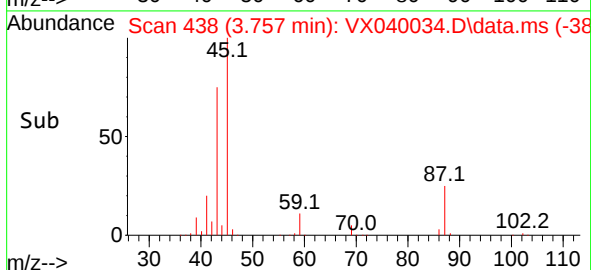
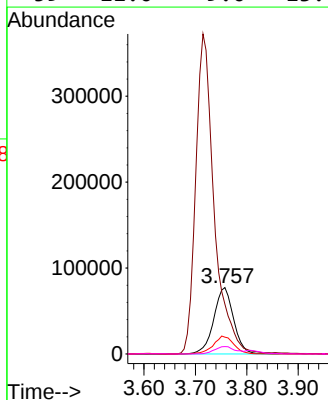
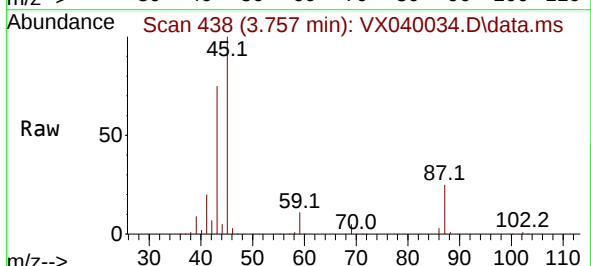
Manual Integrations
APPROVED

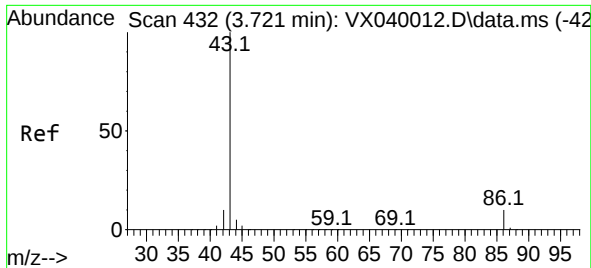
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#22
Diisopropyl ether
Concen: 50.448 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion: 45 Resp: 206508
Ion Ratio Lower Upper
45 100
43 74.5 69.7 104.5
87 25.4 20.8 31.2
59 11.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 253.660 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX040034.D
 Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

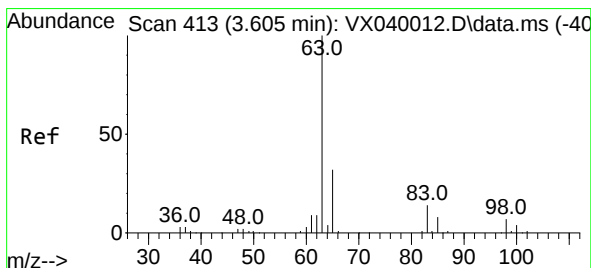
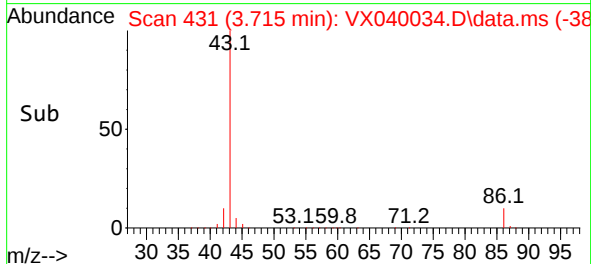
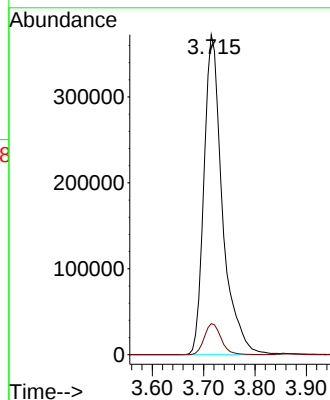
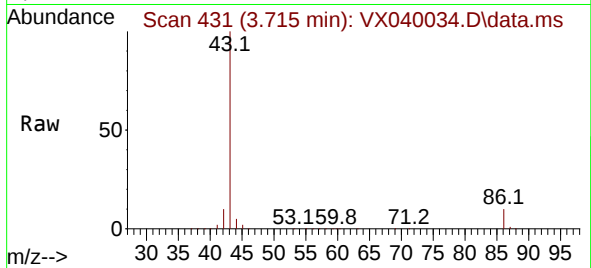
VSTDCCC050

Tgt Ion: 43 Resp: 92926
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

Manual Integrations

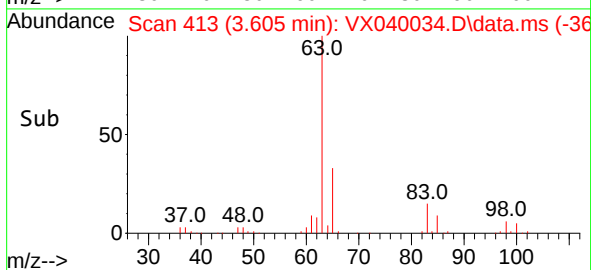
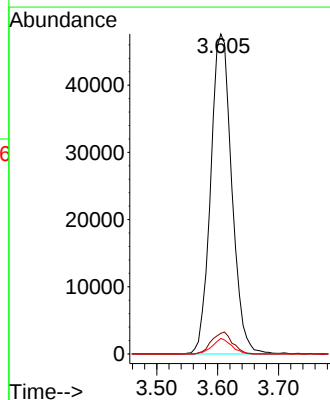
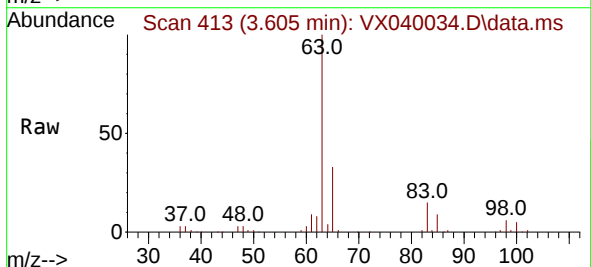
APPROVED

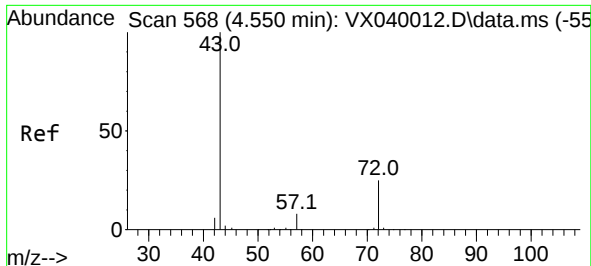
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024



#24
 1,1-Dichloroethane
 Concen: 48.893 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040034.D
 Acq: 31 Jan 2024 09:40

Tgt Ion: 63 Resp: 114626
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 4.9 2.1 6.5





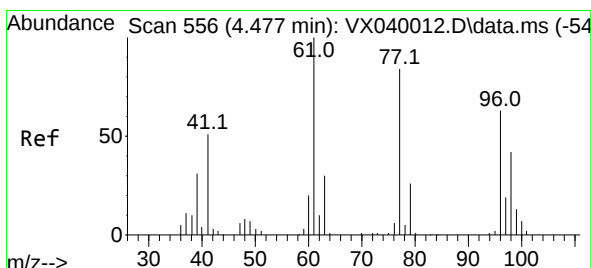
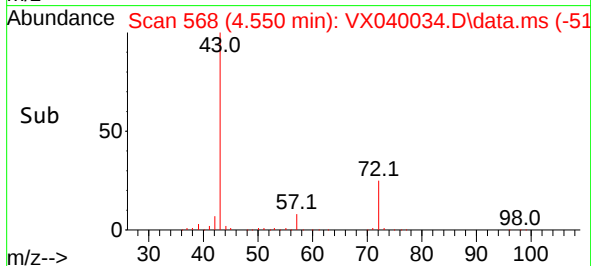
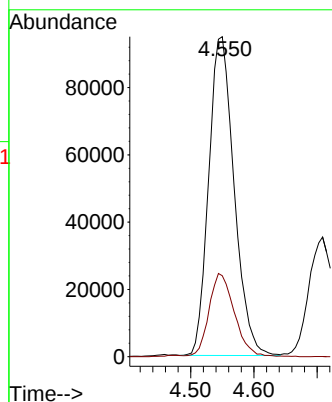
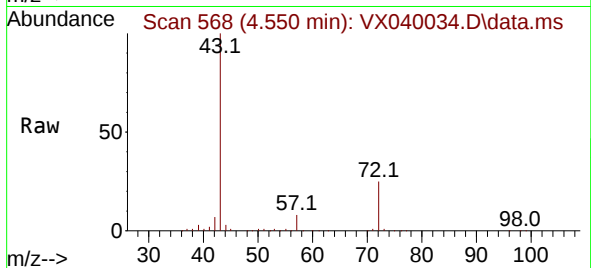
#25
2-Butanone
Concen: 242.364 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 26481
Ion Ratio Lower Upper
43 100
72 25.2 19.4 29.2

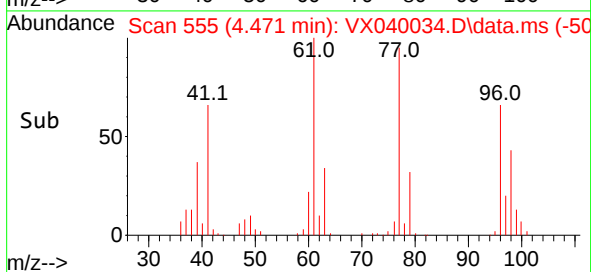
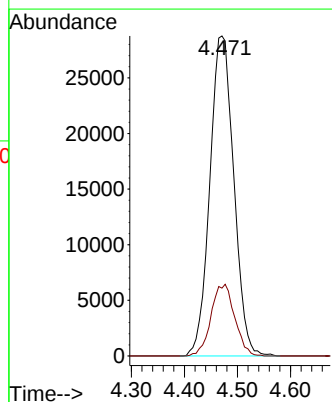
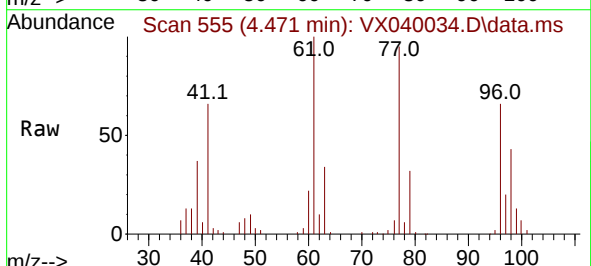
Manual Integrations
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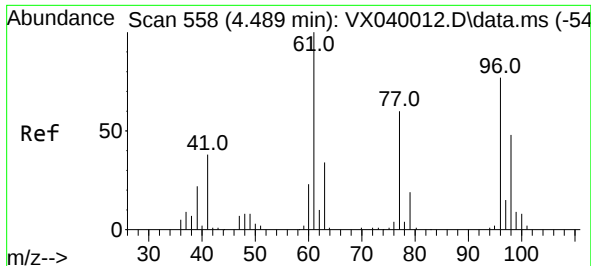
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#26
2,2-Dichloropropane
Concen: 49.393 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion: 77 Resp: 90355
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.064 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 70684

Ion Ratio Lower Upper

96 100

61 149.1 0.0 312.2

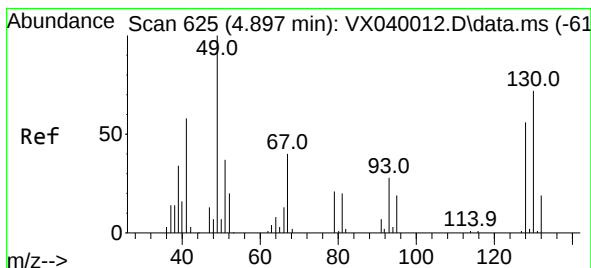
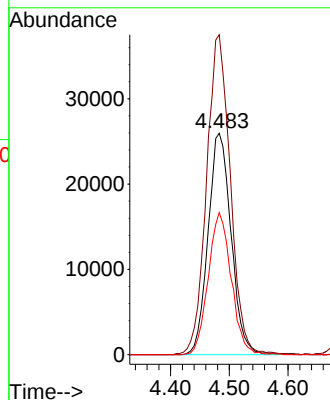
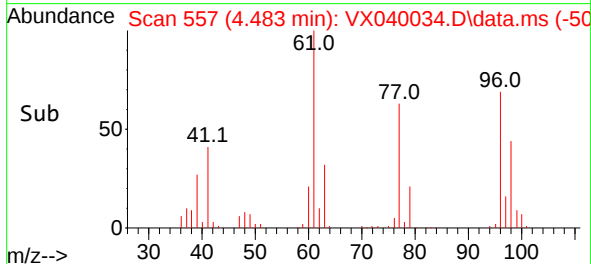
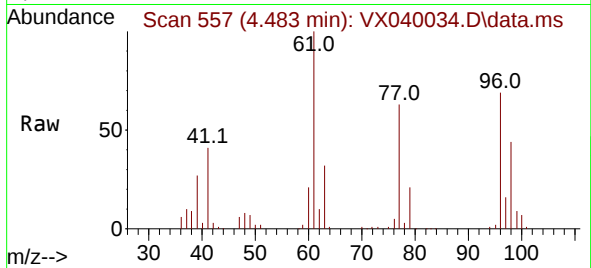
98 63.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#28

Bromochloromethane

Concen: 45.160 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

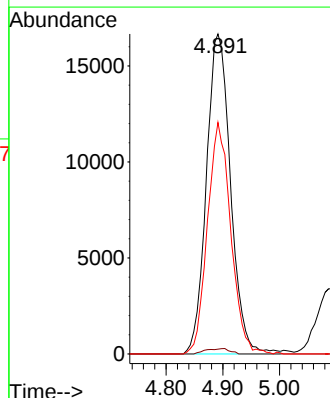
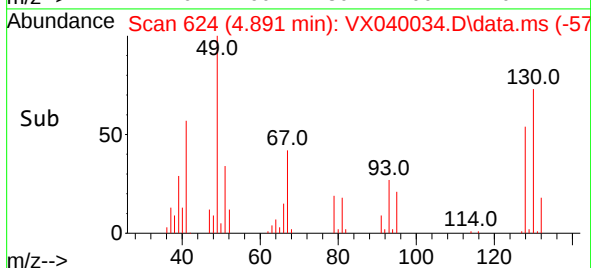
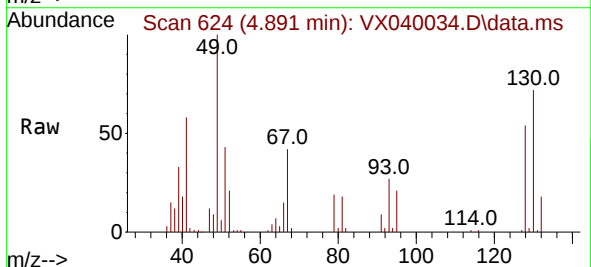
Tgt Ion: 49 Resp: 49370

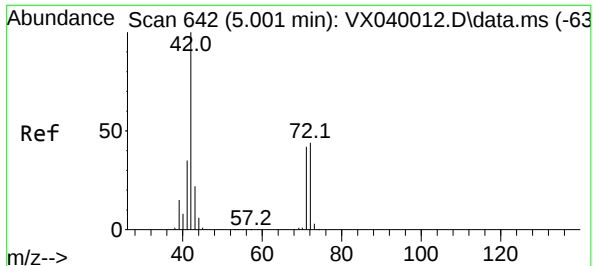
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 69.7 57.5 86.3





#29

Tetrahydrofuran

Concen: 248.603 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 17271

Ion Ratio Lower Upper

42 100

72 43.4 34.2 51.4

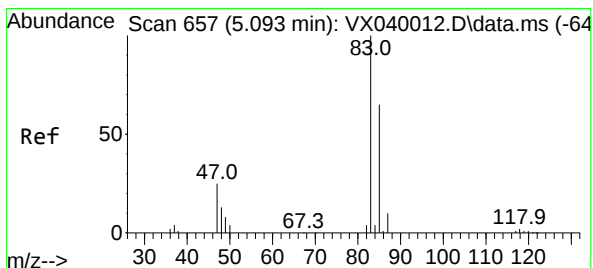
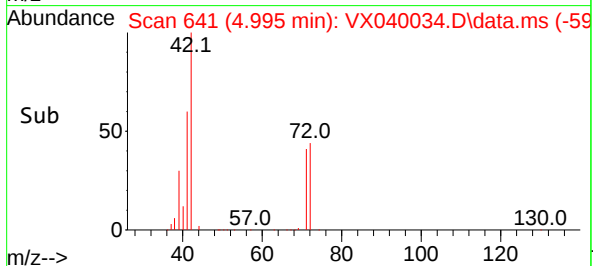
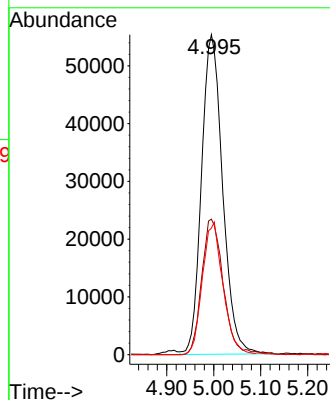
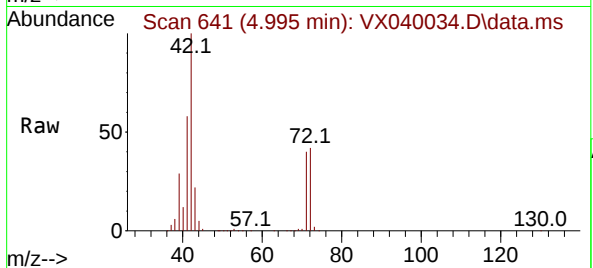
71 40.4 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#30

Chloroform

Concen: 46.558 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX040034.D

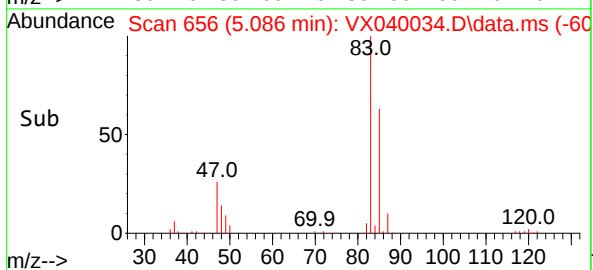
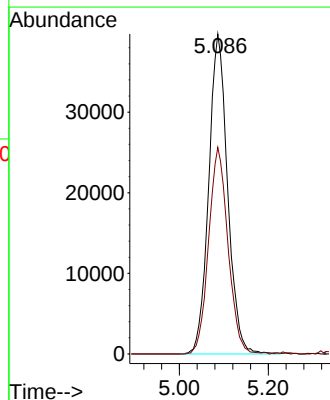
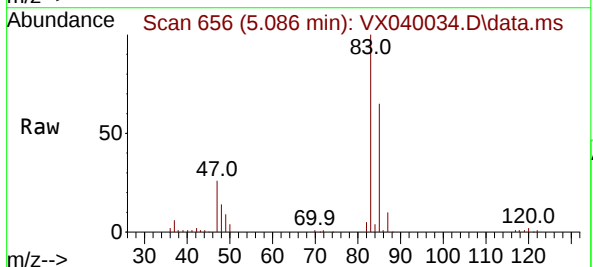
Acq: 31 Jan 2024 09:40

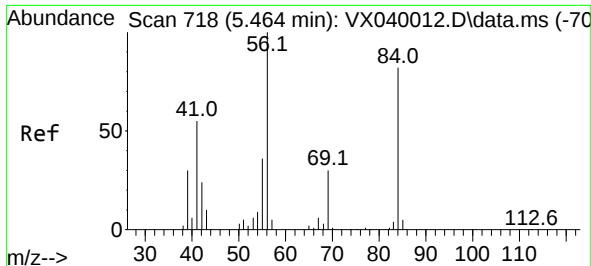
Tgt Ion: 83 Resp: 117206

Ion Ratio Lower Upper

83 100

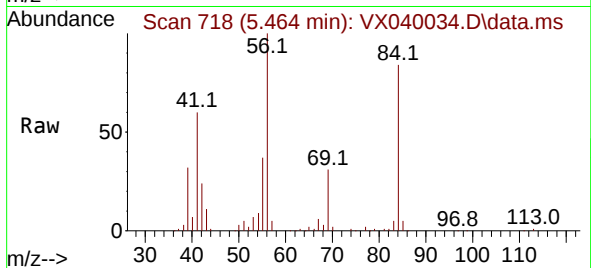
85 64.5 50.3 75.5





#31
Cyclohexane
Concen: 48.072 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

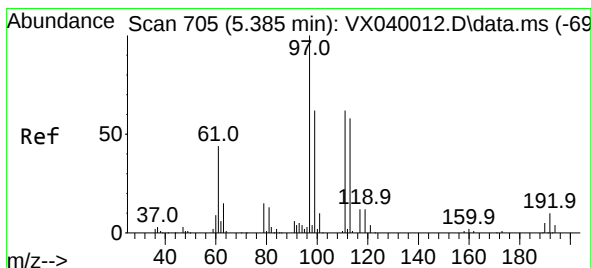
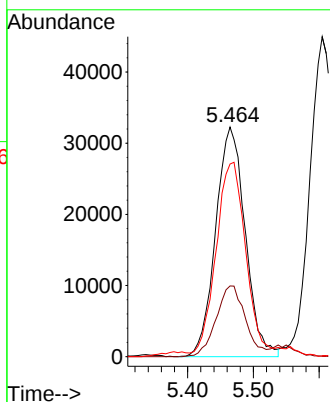
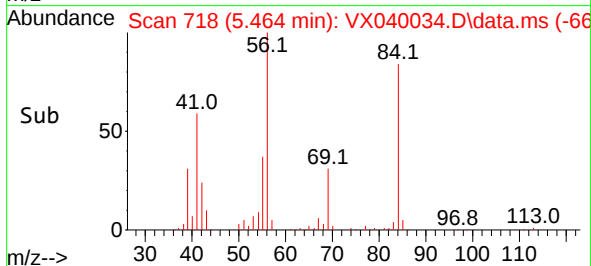
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 101014
Ion Ratio Lower Upper
56 100
69 30.8 23.4 35.2
84 82.1 65.9 98.9

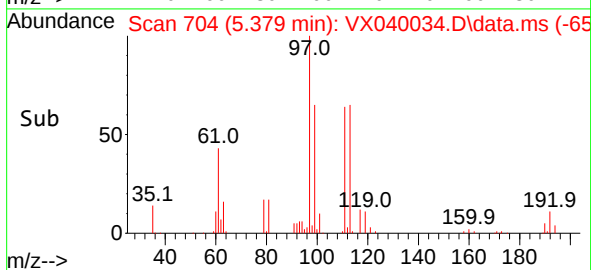
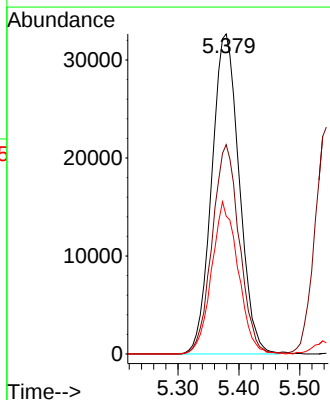
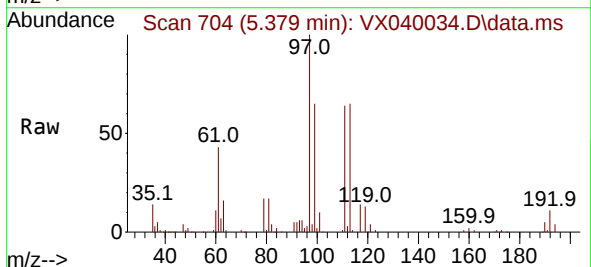
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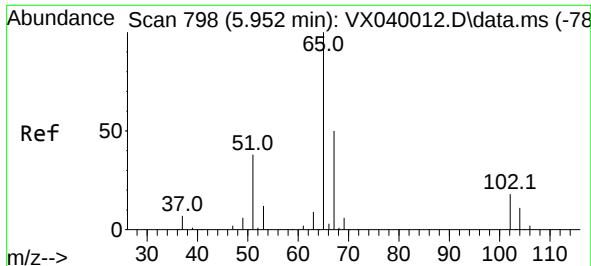
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#32
1,1,1-Trichloroethane
Concen: 47.295 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion: 97 Resp: 102179
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 46.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.703 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8170

Ion Ratio Lower Upper

65 100

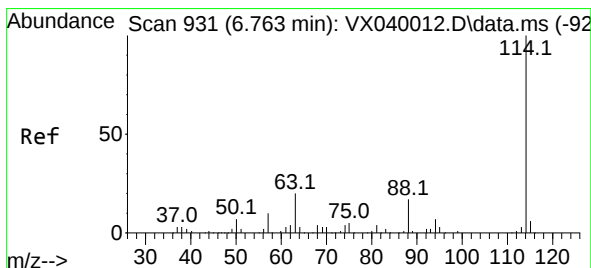
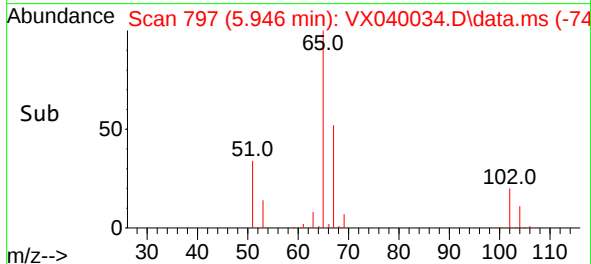
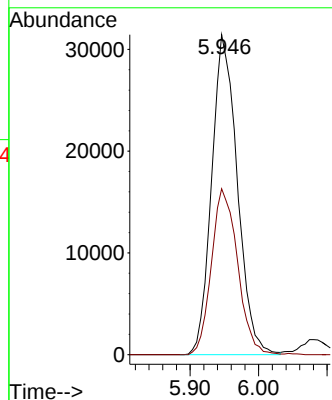
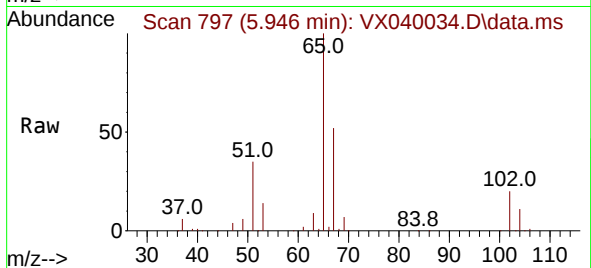
67 52.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

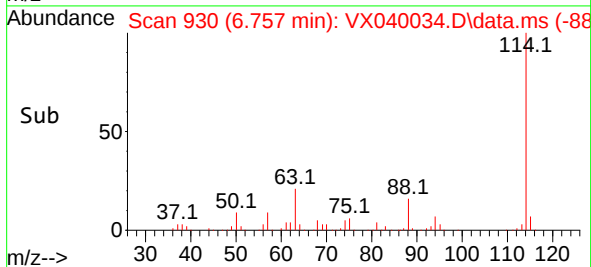
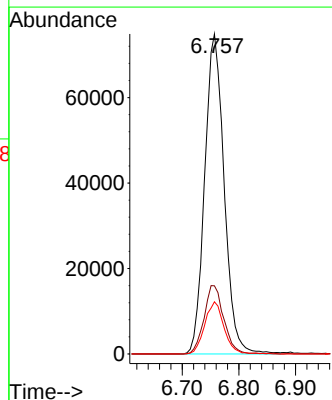
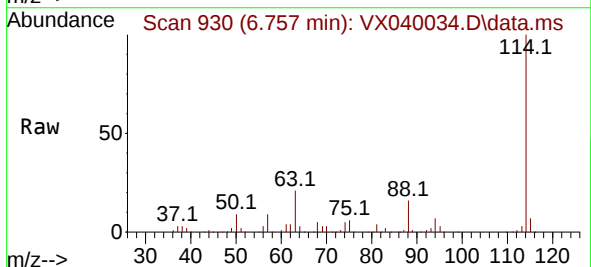
Tgt Ion:114 Resp: 178667

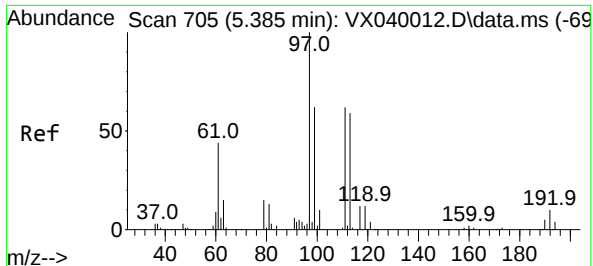
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

88 16.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 51.212 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

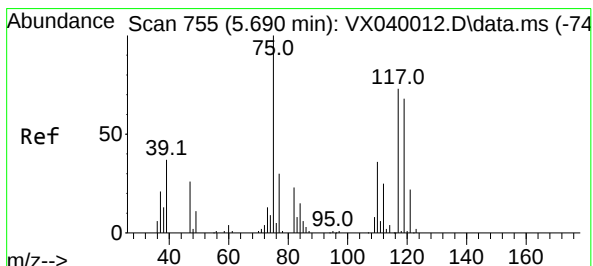
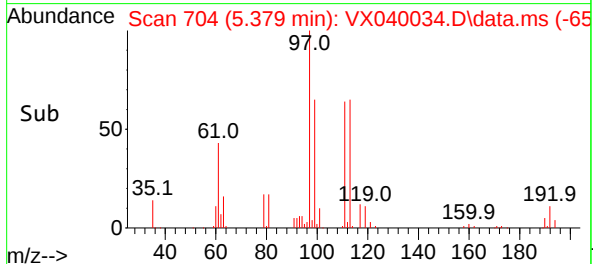
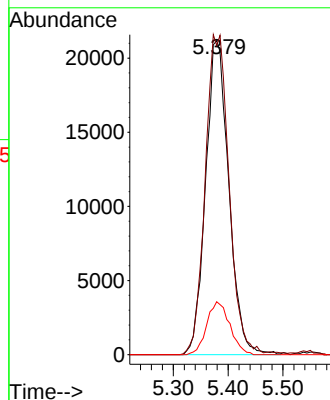
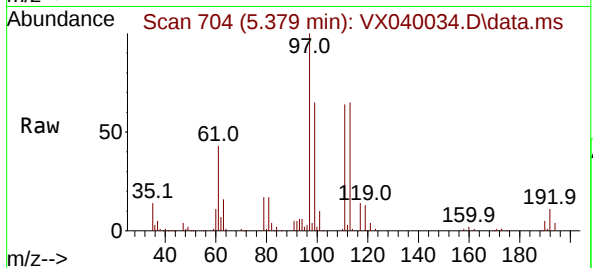
Tgt Ion:	113	Resp:	6228
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.9	124.3
192	16.8	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#36

1,1-Dichloropropene

Concen: 49.809 ug/l

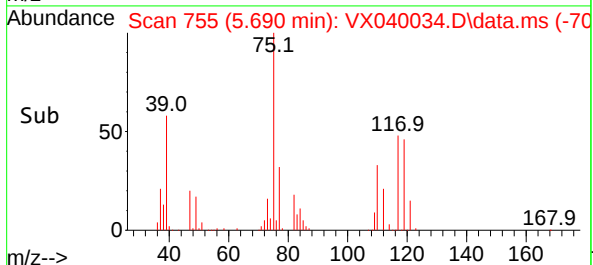
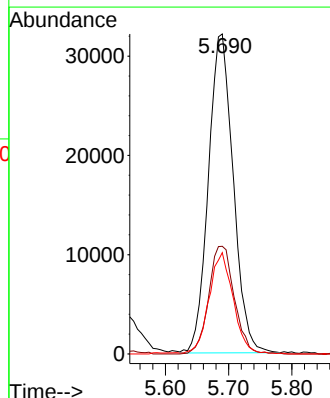
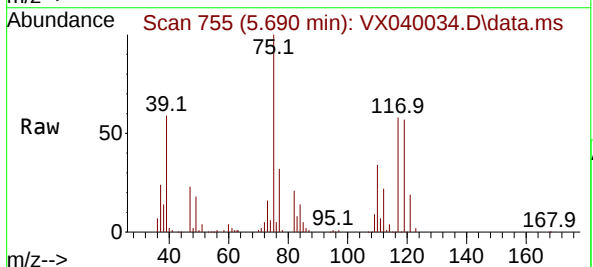
RT: 5.690 min Scan# 755

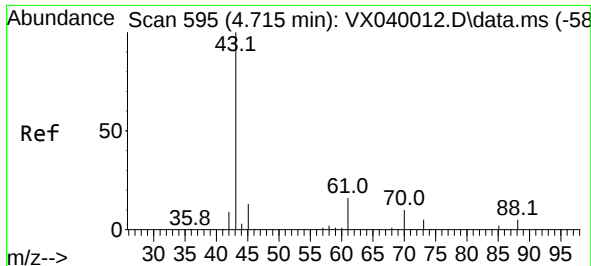
Delta R.T. 0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Tgt Ion:	75	Resp:	87614
Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.0	50.9
77	31.3	24.7	37.1





#37

Ethyl Acetate

Concen: 51.970 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 9983

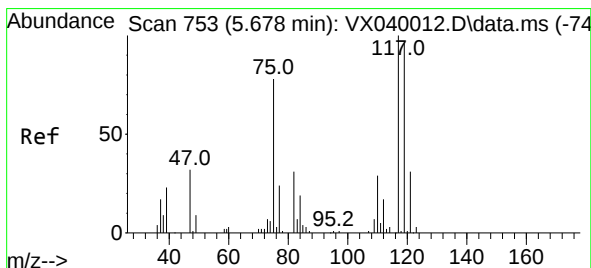
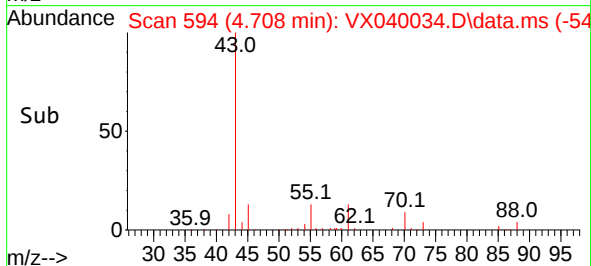
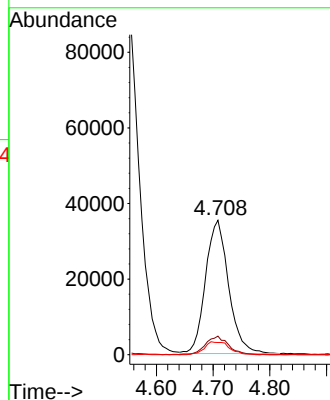
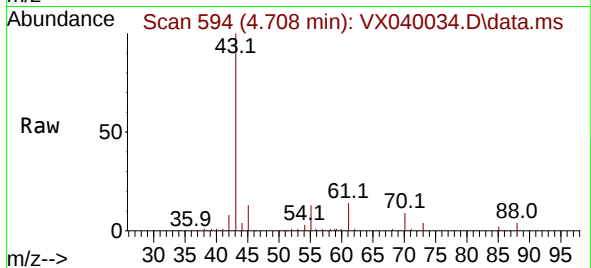
Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.6	16.0
70	10.3	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#38

Carbon Tetrachloride

Concen: 50.336 ug/l

RT: 5.672 min Scan# 752

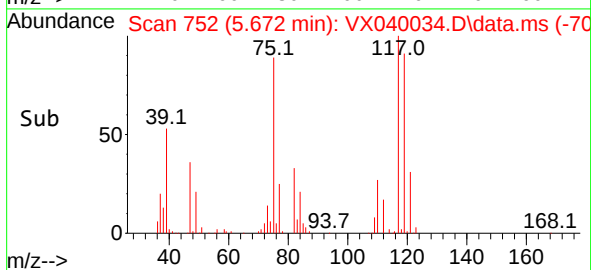
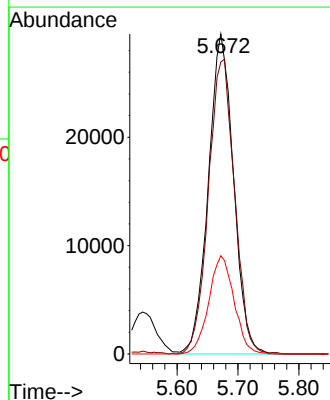
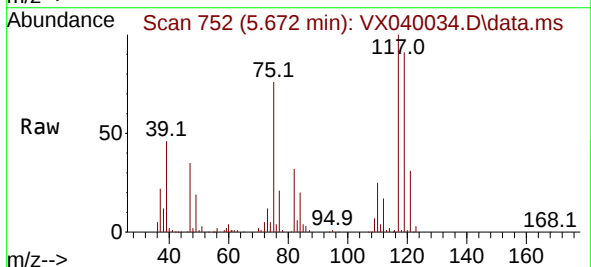
Delta R.T. -0.006 min

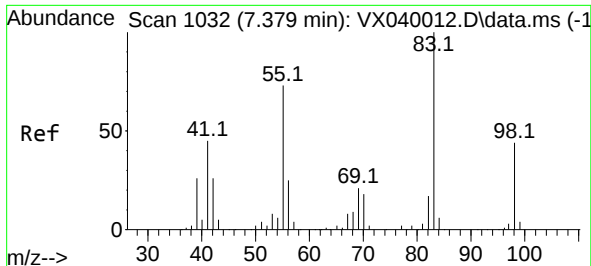
Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Tgt Ion:117 Resp: 84719

Ion	Ratio	Lower	Upper
117	100		
119	91.1	78.2	117.2
121	30.7	24.4	36.6





#39

Methylcyclohexane

Concen: 49.691 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 106340

Ion Ratio Lower Upper

83 100

55 77.4 64.6 97.0

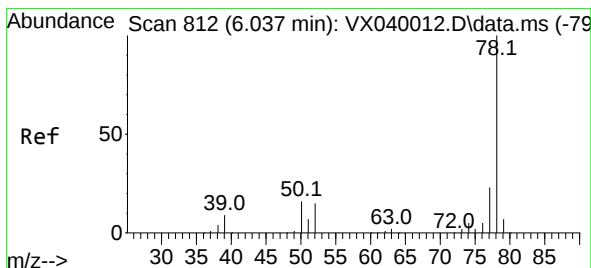
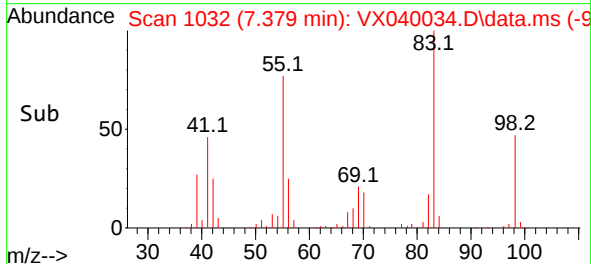
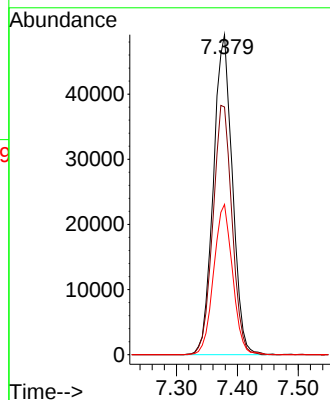
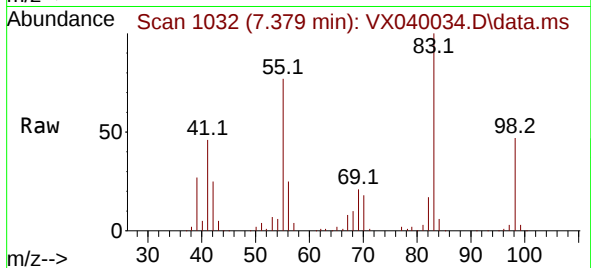
98 46.9 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#40

Benzene

Concen: 49.382 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX040034.D

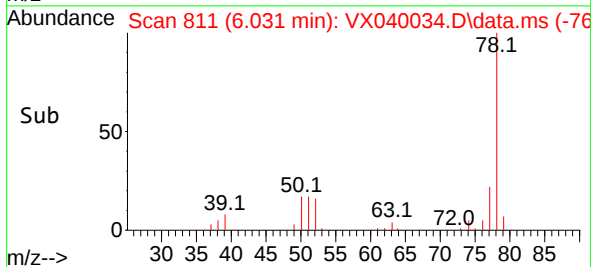
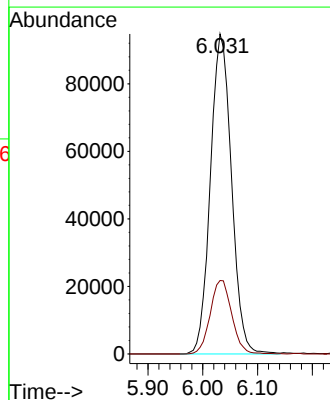
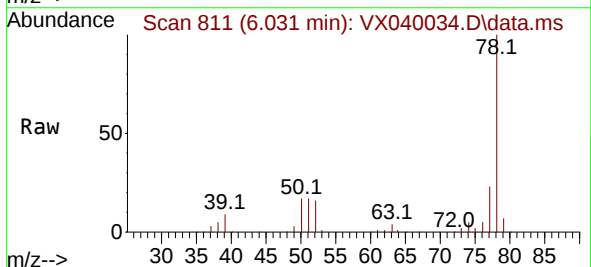
Acq: 31 Jan 2024 09:40

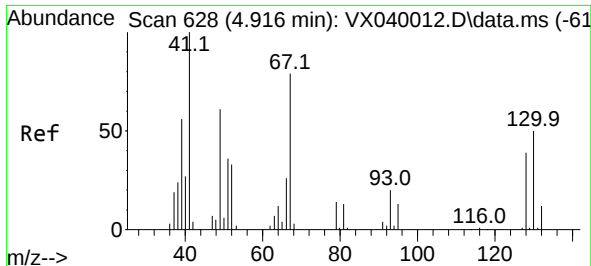
Tgt Ion: 78 Resp: 252992

Ion Ratio Lower Upper

78 100

77 23.0 19.3 28.9





#41
Methacrylonitrile
Concen: 55.578 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

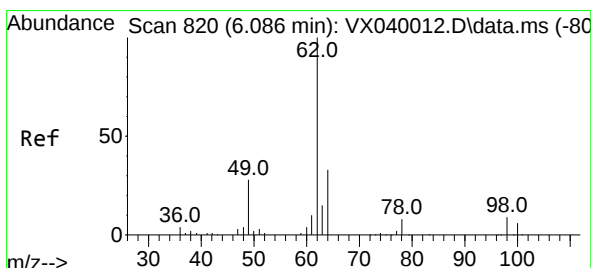
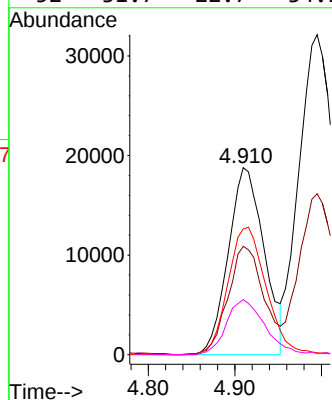
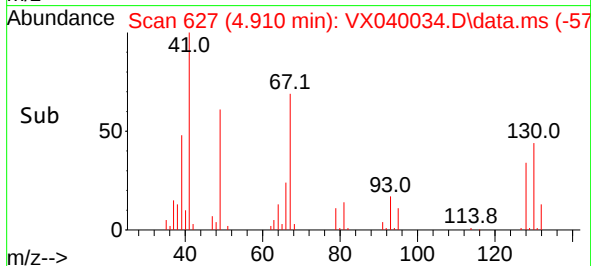
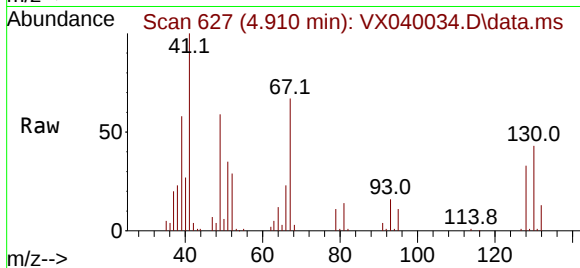
Tgt Ion: 41 Resp: 5414
Ion Ratio Lower Upper
41 100
39 58.0 45.2 67.8
67 72.5 52.6 78.8
52 31.7 22.7 34.1

Manual Integrations

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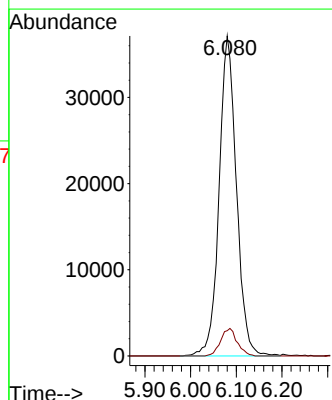
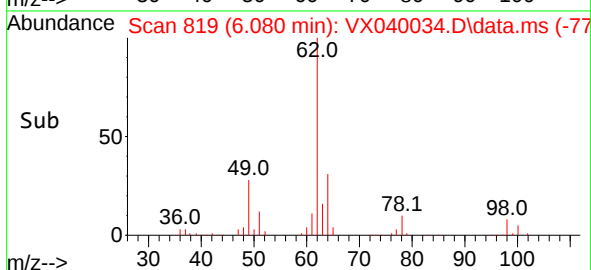
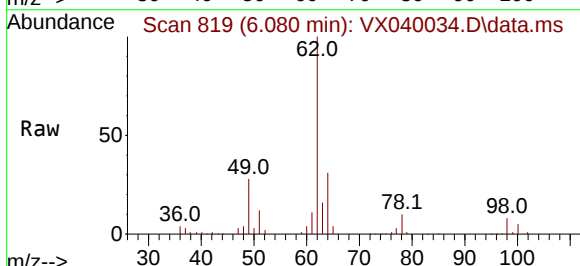
Reviewed By :John Carlone 02/01/2024

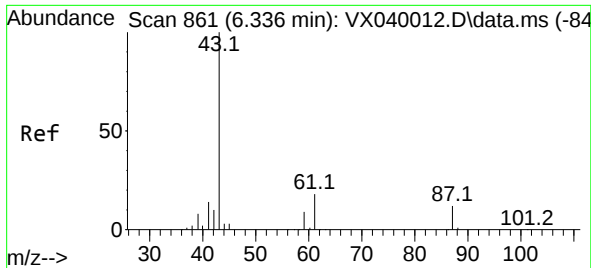
Supervised By :Mahesh Dadoda 02/01/2024



#42
1,2-Dichloroethane
Concen: 49.695 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

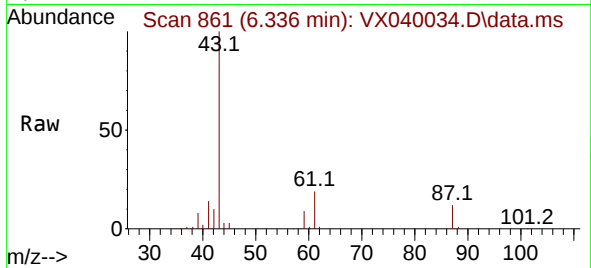
Tgt Ion: 62 Resp: 98007
Ion Ratio Lower Upper
62 100
98 8.2 0.0 16.0





#43
Isopropyl Acetate
Concen: 53.364 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

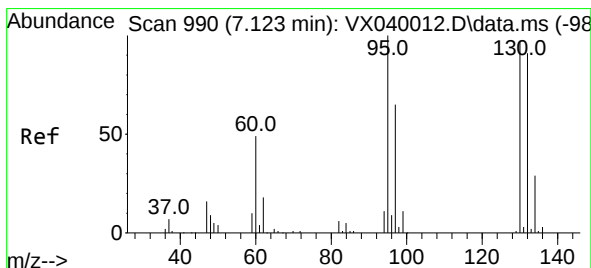
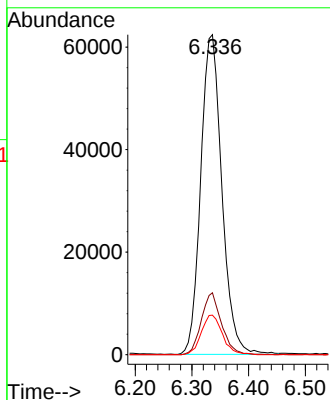
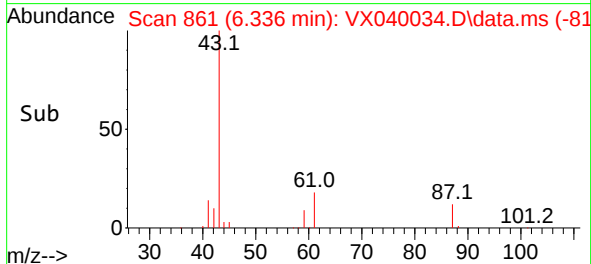
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



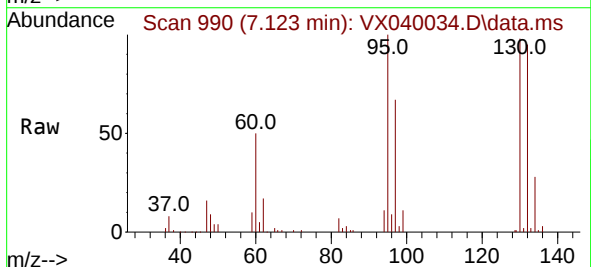
Tgt Ion: 43 Resp: 161660
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 12.3 9.8 14.6

Manual Integrations
APPROVED

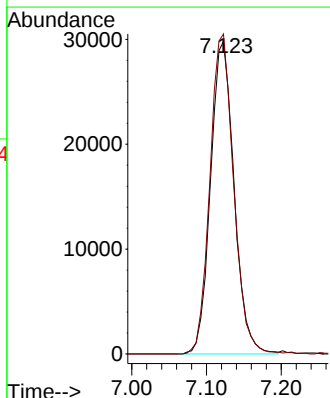
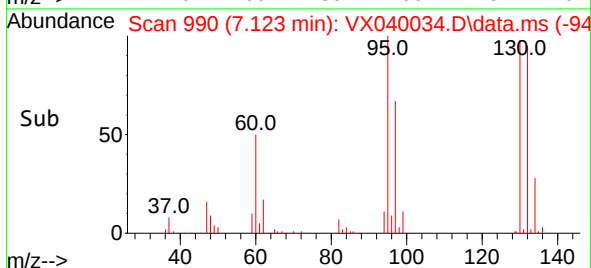
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

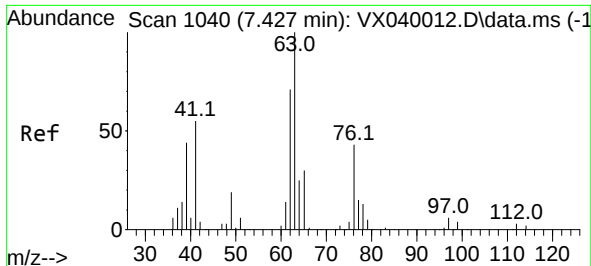


#44
Trichloroethene
Concen: 48.393 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40



Tgt Ion:130 Resp: 65243
Ion Ratio Lower Upper
130 100
95 102.4 0.0 204.4





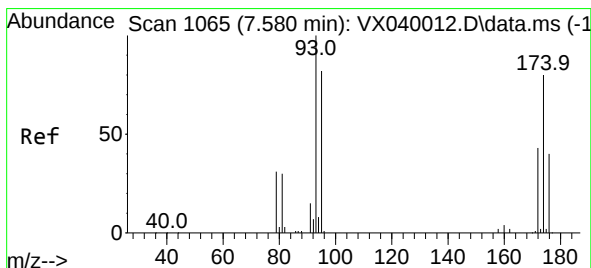
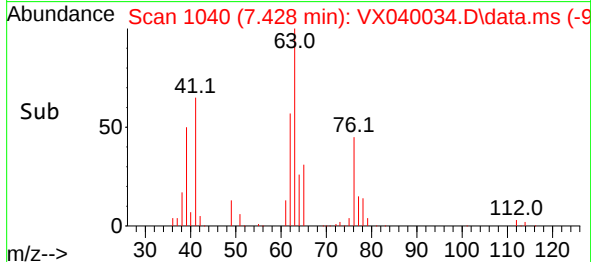
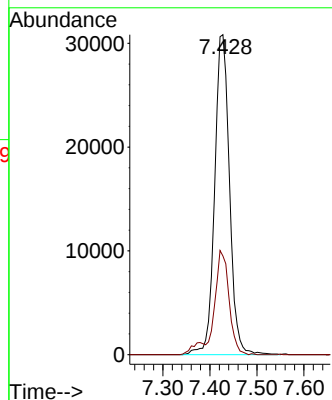
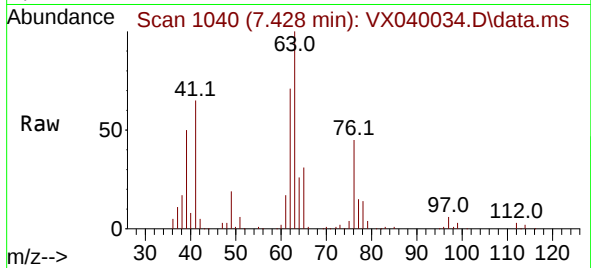
#45
1,2-Dichloropropane
Concen: 50.058 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 6771
Ion Ratio Lower Upper
63 100
65 30.9 24.3 36.5

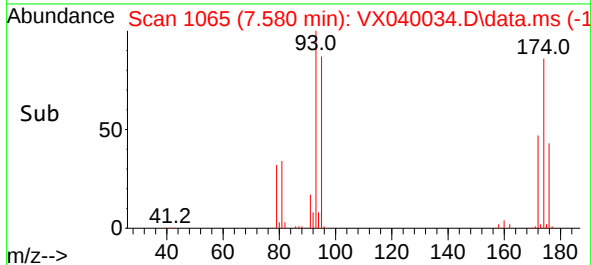
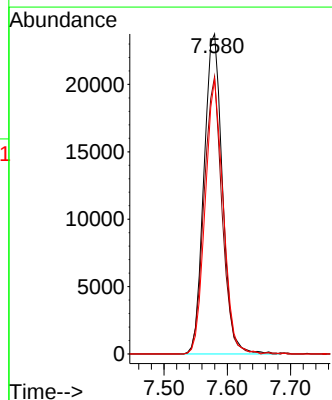
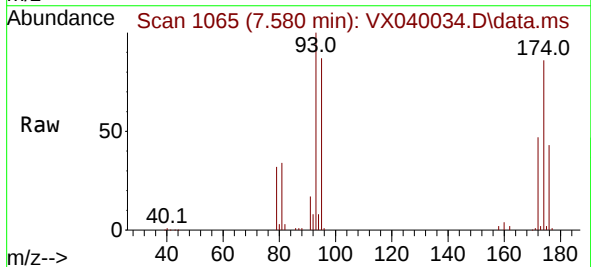
Manual Integrations
APPROVED

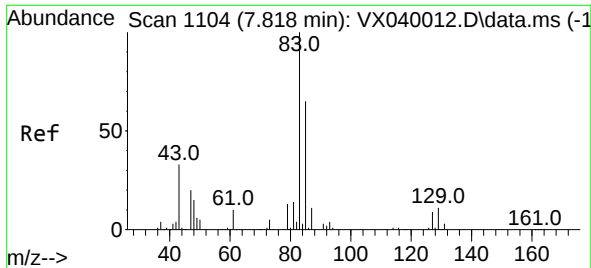
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#46
Dibromomethane
Concen: 47.540 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion: 93 Resp: 48268
Ion Ratio Lower Upper
93 100
95 84.1 66.6 100.0
174 83.5 69.4 104.0





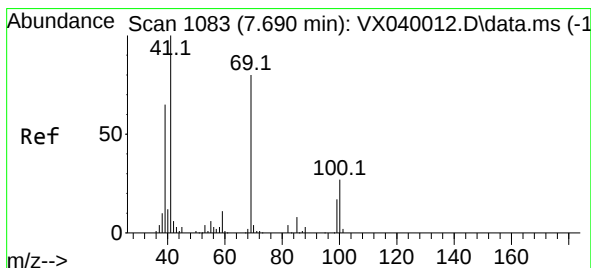
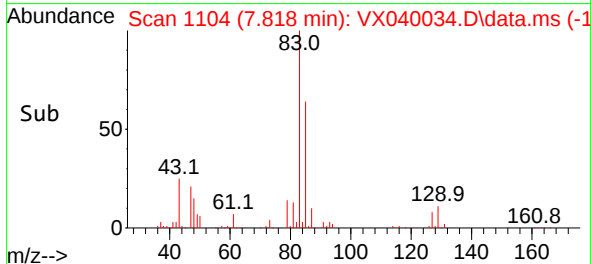
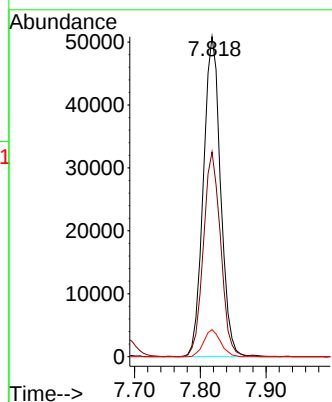
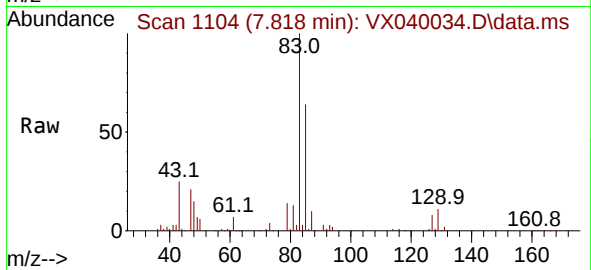
#47
Bromodichloromethane
Concen: 51.210 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9260
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6
127 8.5 7.1 10.7

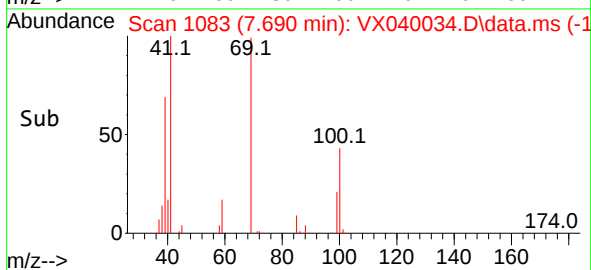
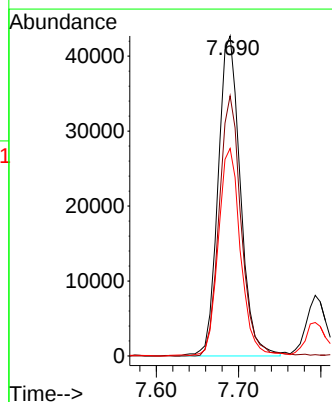
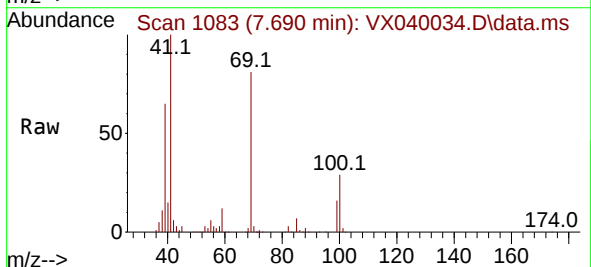
Manual Integrations
APPROVED

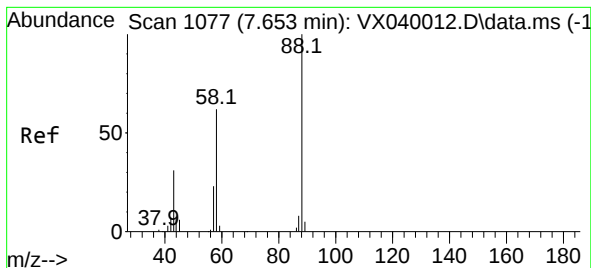
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#48
Methyl methacrylate
Concen: 53.908 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion: 41 Resp: 80448
Ion Ratio Lower Upper
41 100
69 80.3 59.2 88.8
39 65.0 47.7 71.5





#49

1,4-Dioxane

Concen: 1009.915 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 32750

Ion Ratio Lower Upper

88 100

43 35.2 0.0 0.0

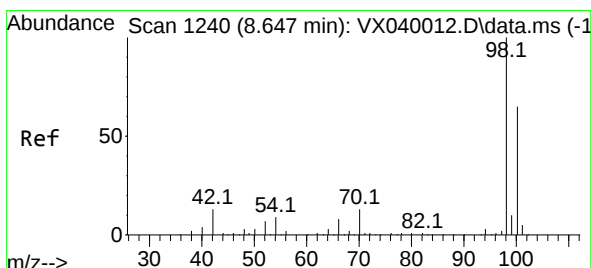
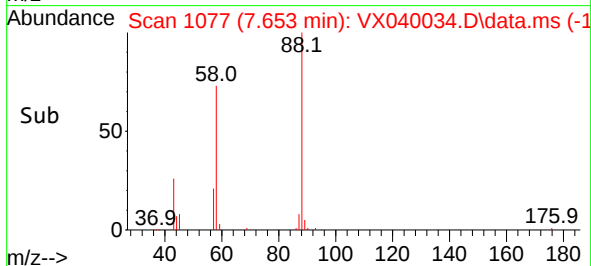
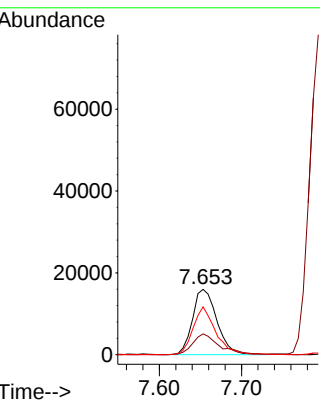
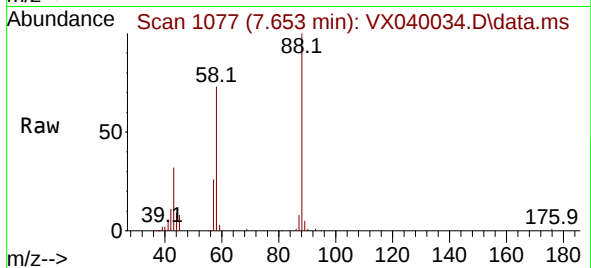
58 68.2 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#50

Toluene-d8

Concen: 51.130 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX040034.D

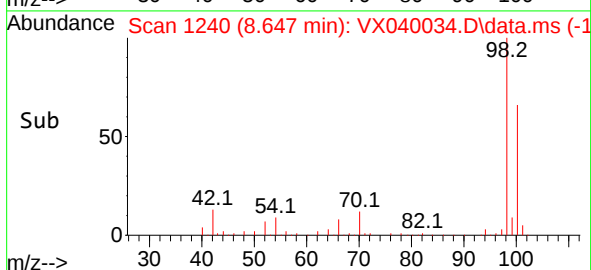
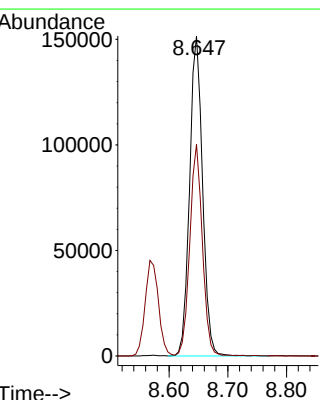
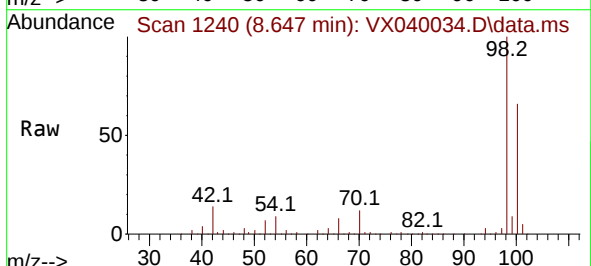
Acq: 31 Jan 2024 09:40

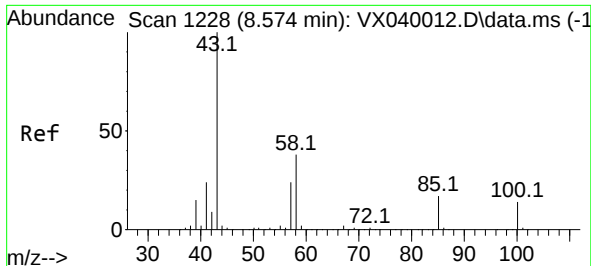
Tgt Ion: 98 Resp: 232562

Ion Ratio Lower Upper

98 100

100 63.9 53.1 79.7





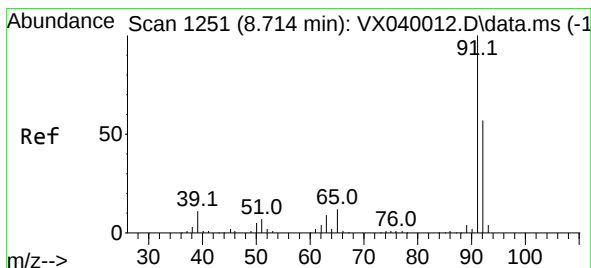
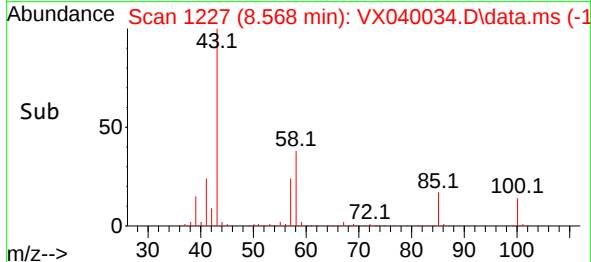
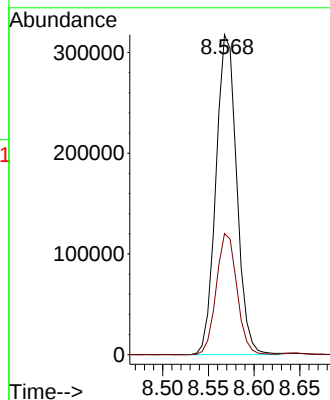
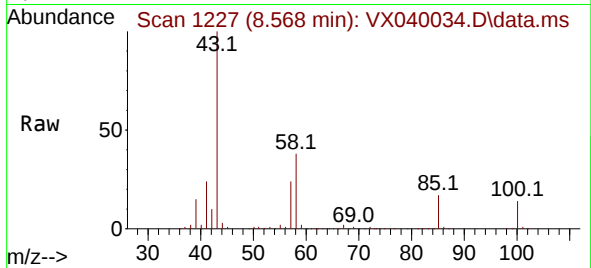
#51
4-Methyl-2-Pentanone
Concen: 243.019 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 50255
Ion Ratio Lower Upper
43 100
58 37.7 30.4 45.6

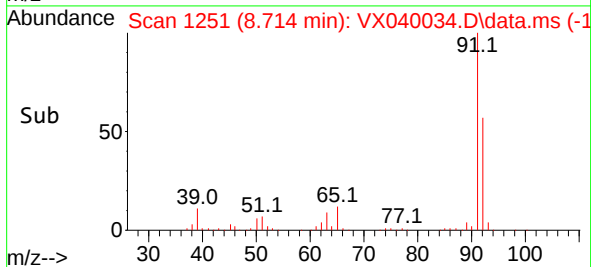
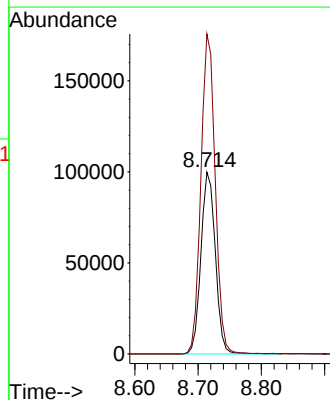
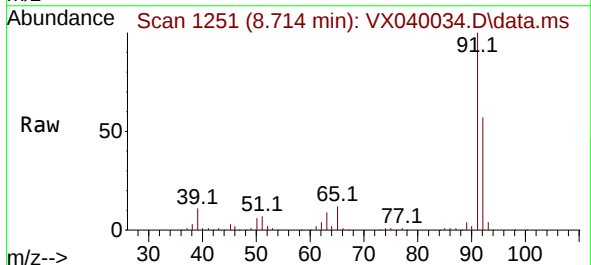
Manual Integrations
APPROVED

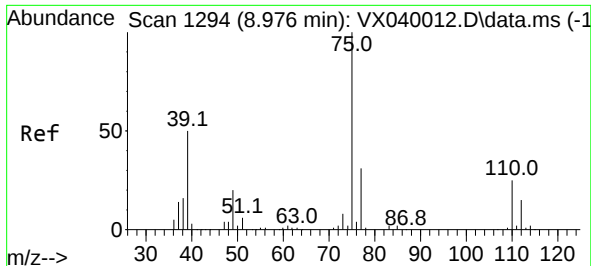
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#52
Toluene
Concen: 49.607 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion: 92 Resp: 158407
Ion Ratio Lower Upper
92 100
91 175.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 51.832 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 9721

Ion Ratio Lower Upper

75 100

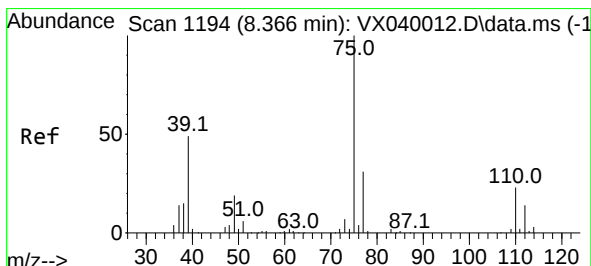
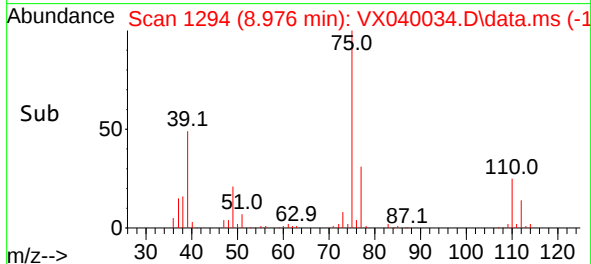
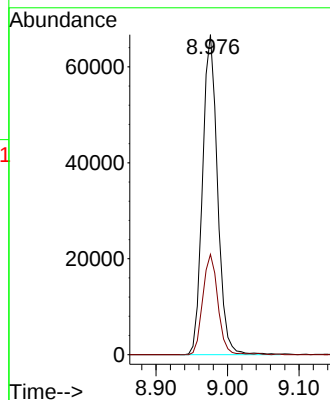
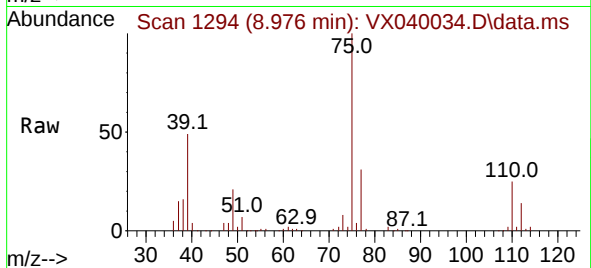
77 31.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#54

cis-1,3-Dichloropropene

Concen: 49.163 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

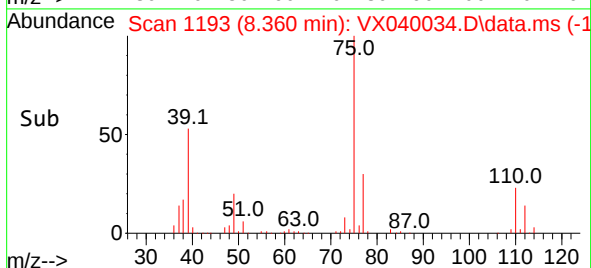
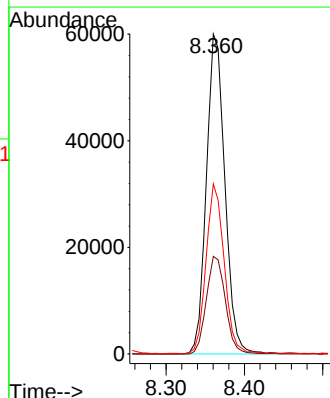
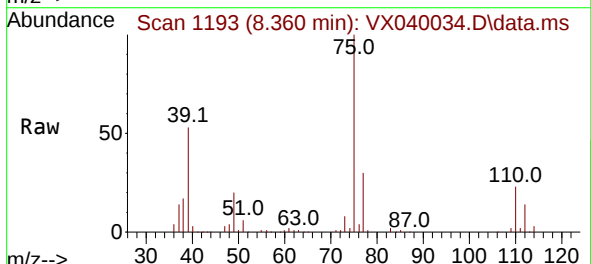
Tgt Ion: 75 Resp: 98388

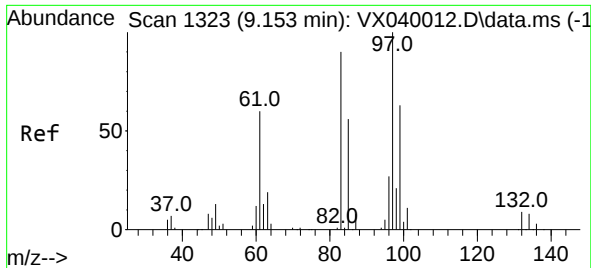
Ion Ratio Lower Upper

75 100

77 30.5 25.3 37.9

39 53.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 49.363 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

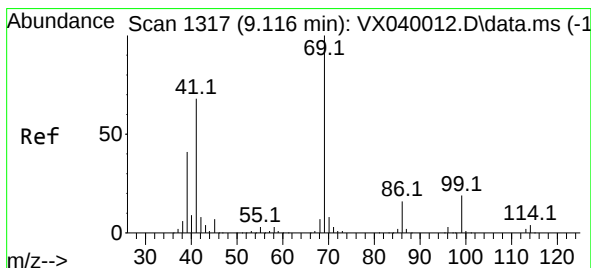
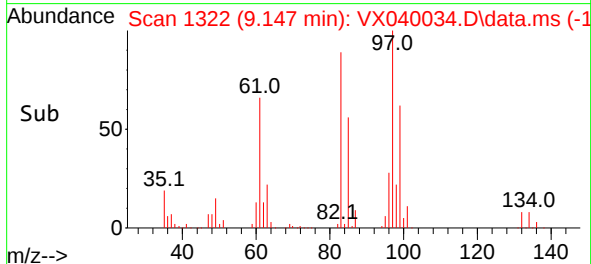
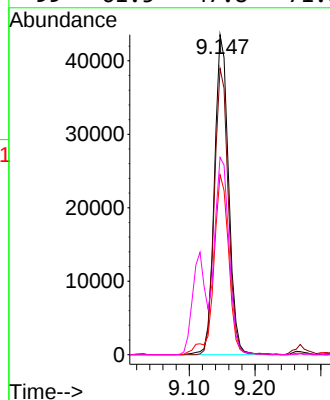
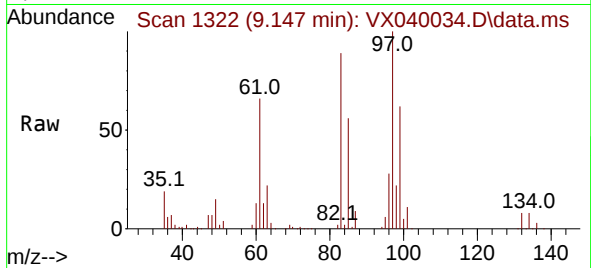
Tgt Ion: 97 Resp: 65245
Ion Ratio Lower Upper
97 100
83 89.5 65.8 98.8
85 56.2 41.6 62.4
99 61.5 47.8 71.8

Manual Integrations

APPROVED

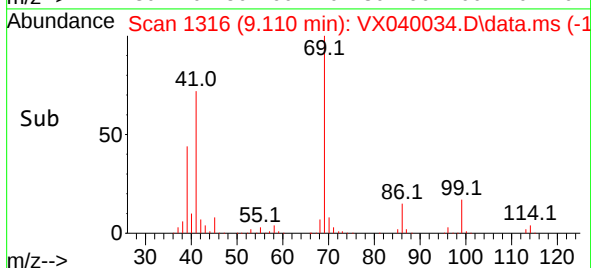
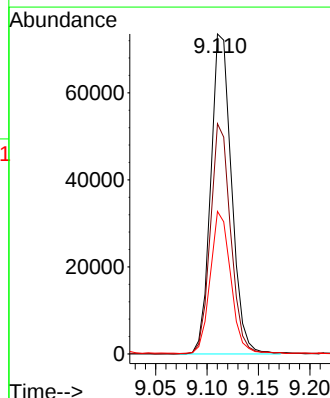
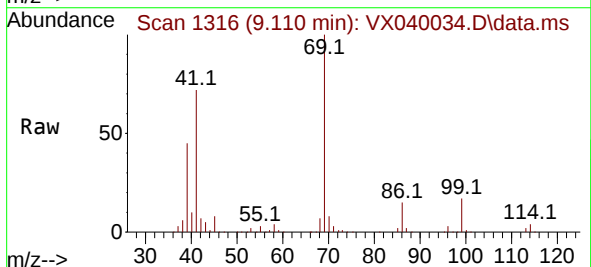
Reviewed By :John Carlone 02/01/2024

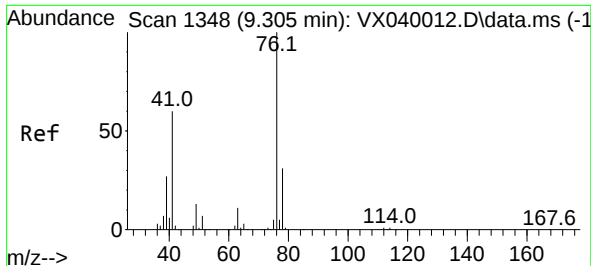
Supervised By :Mahesh Dadoda 02/01/2024



#56
Ethyl methacrylate
Concen: 53.602 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

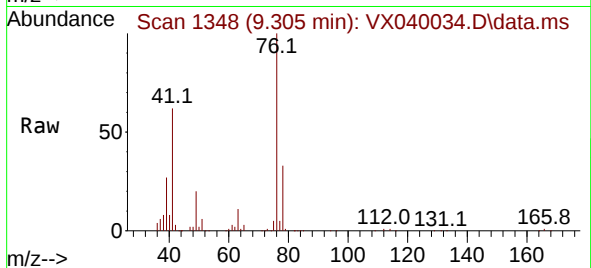
Tgt Ion: 69 Resp: 103459
Ion Ratio Lower Upper
69 100
41 70.1 56.8 85.2
39 43.6 32.0 48.0





#57
1,3-Dichloropropane
Concen: 49.907 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

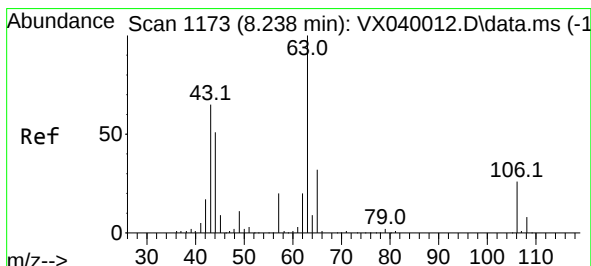
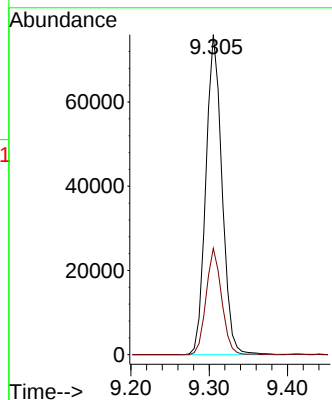
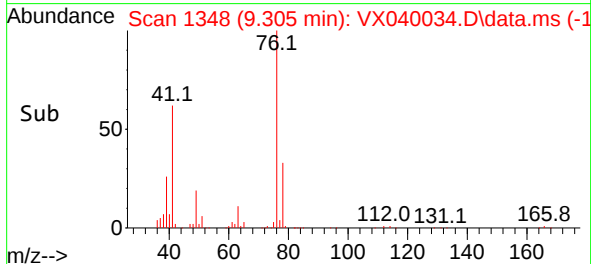
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



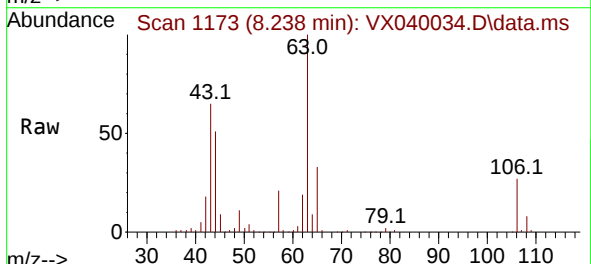
Tgt Ion: 76 Resp: 10865
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1

Manual Integrations
APPROVED

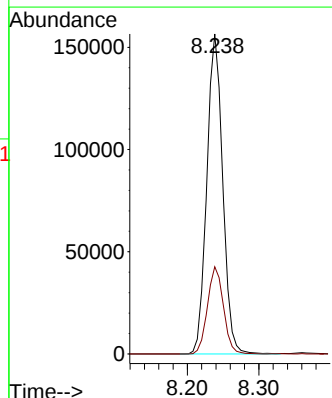
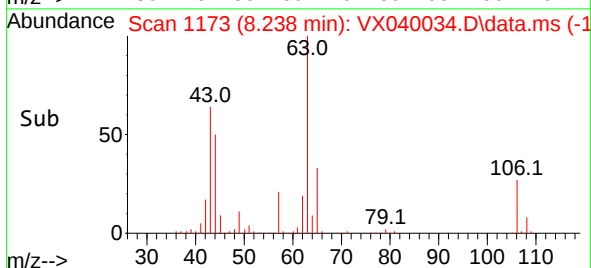
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

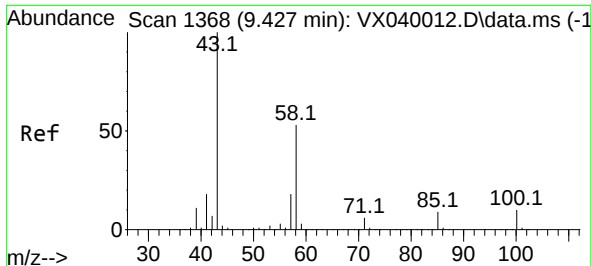


#58
2-Chloroethyl Vinyl ether
Concen: 248.944 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40



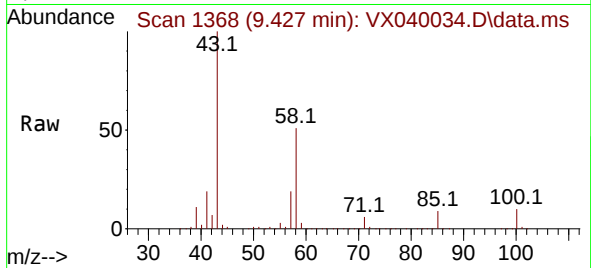
Tgt Ion: 63 Resp: 241623
Ion Ratio Lower Upper
63 100
106 27.4 22.5 33.7





#59
2-Hexanone
Concen: 260.395 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

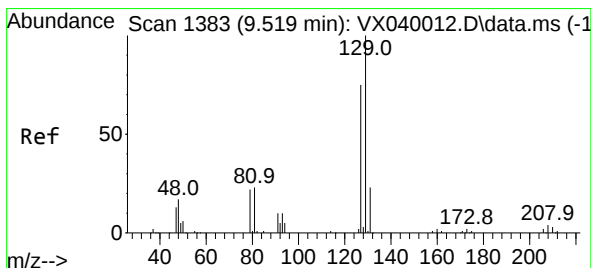
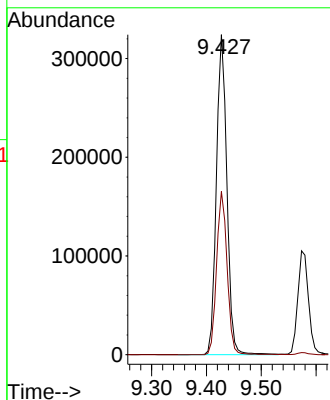
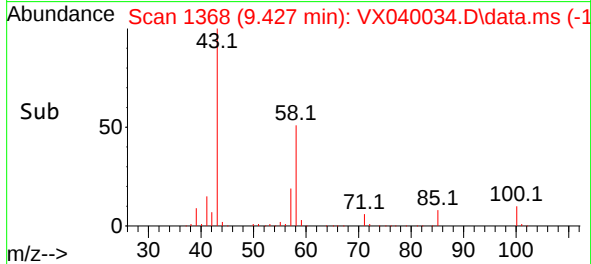
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 429345
Ion Ratio Lower Upper
43 100
58 51.0 26.2 78.5

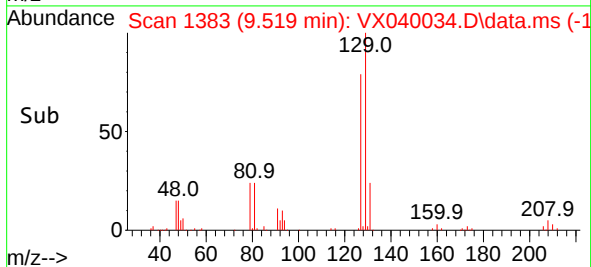
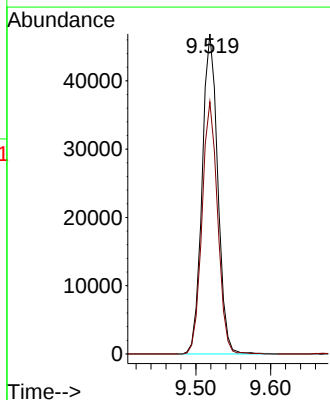
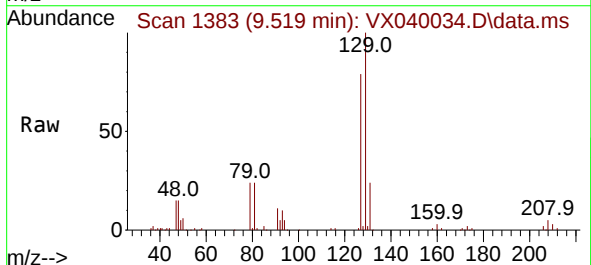
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#60
Dibromochloromethane
Concen: 51.205 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

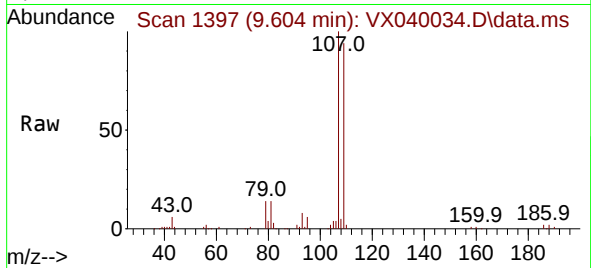
Tgt Ion:129 Resp: 68006
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 48.733 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

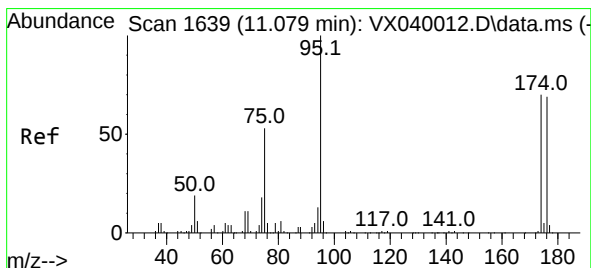
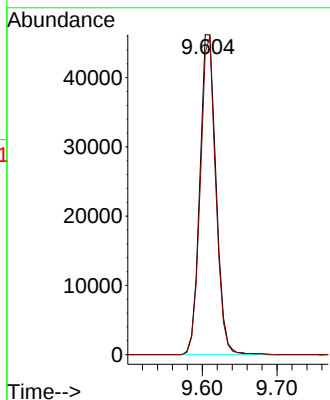
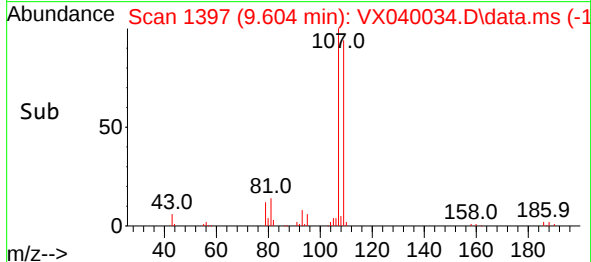
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



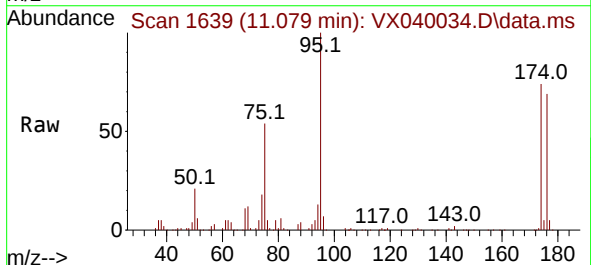
Tgt Ion:107 Resp: 69638
Ion Ratio Lower Upper
107 100
109 94.5 75.2 112.8

Manual Integrations
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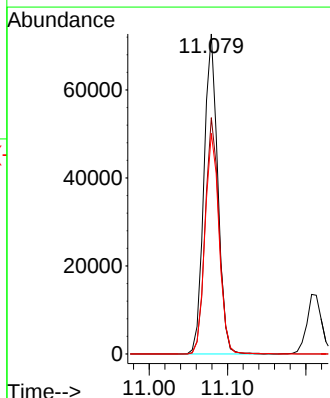
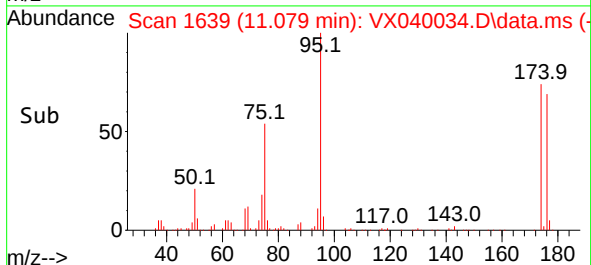
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

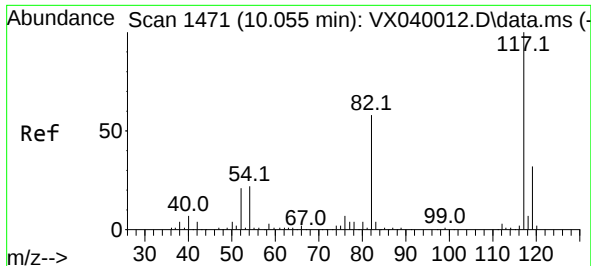


#62
4-Bromofluorobenzene
Concen: 50.743 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40



Tgt Ion: 95 Resp: 88871
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 70.4 0.0 131.0





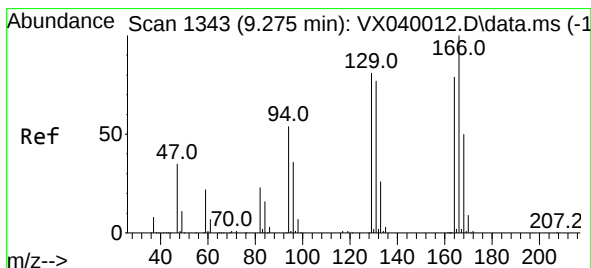
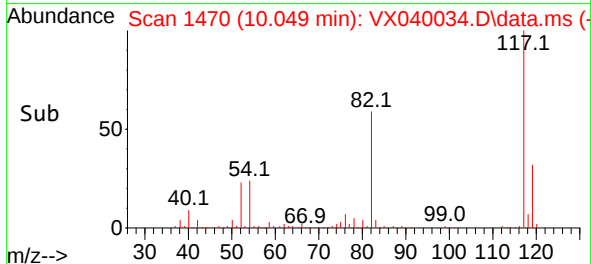
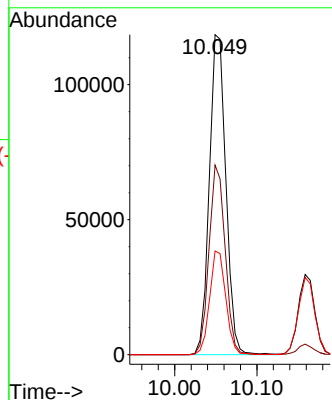
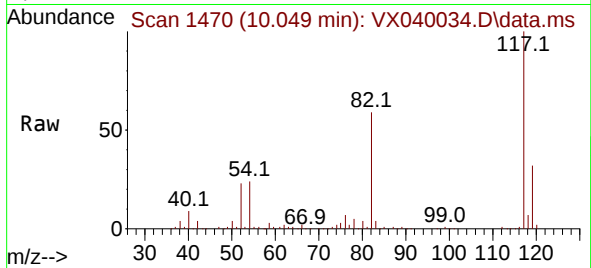
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 16542
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.4
119 32.4 25.5 38.3

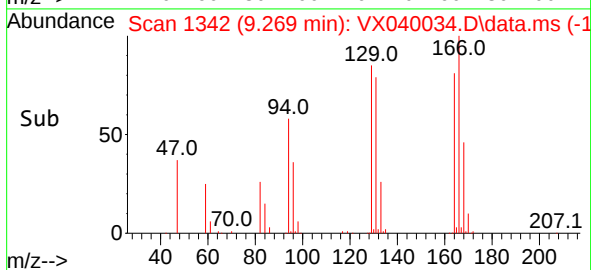
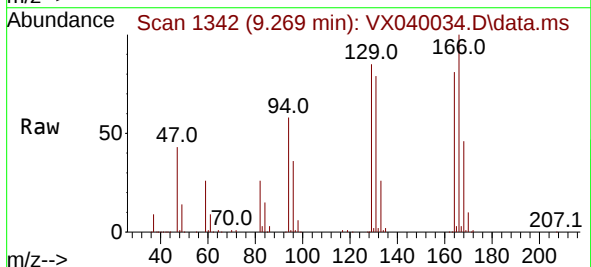
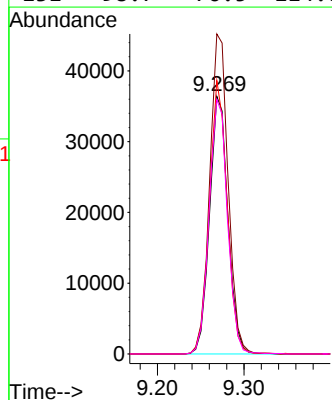
Manual Integrations
APPROVED

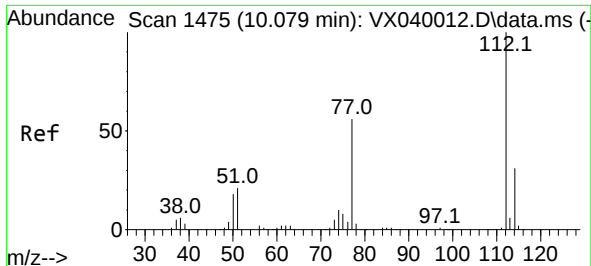
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#64
Tetrachloroethene
Concen: 49.663 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion:164 Resp: 53457
Ion Ratio Lower Upper
164 100
166 124.2 102.7 154.1
129 106.1 80.4 120.6
131 98.7 76.5 114.7





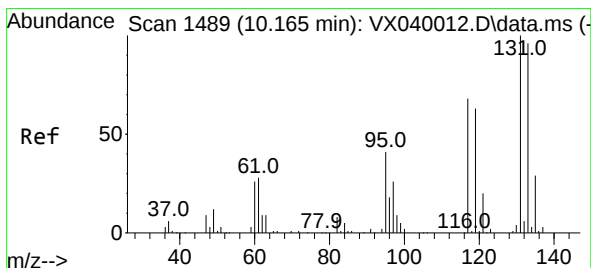
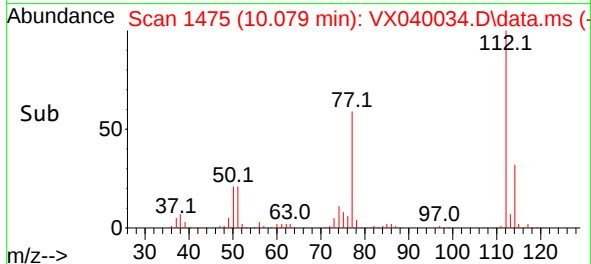
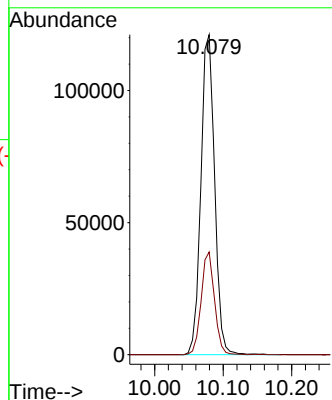
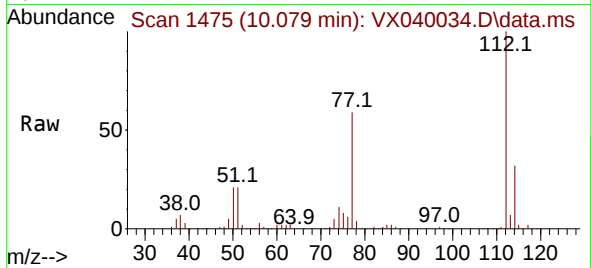
#65
Chlorobenzene
Concen: 49.486 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 169210
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

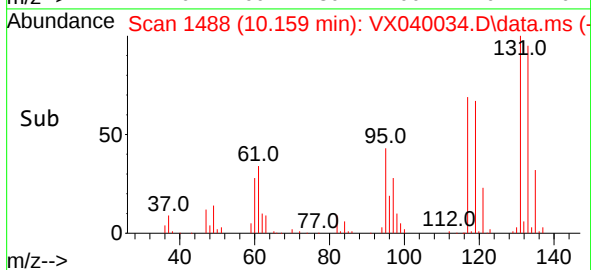
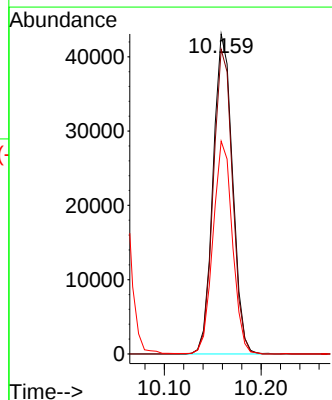
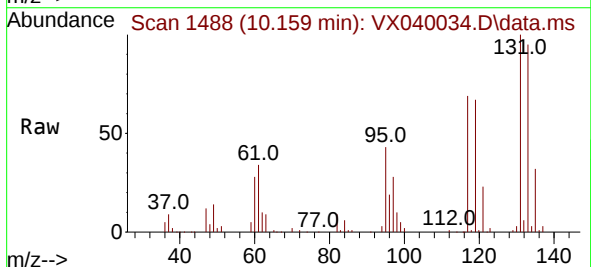
Manual Integrations
APPROVED

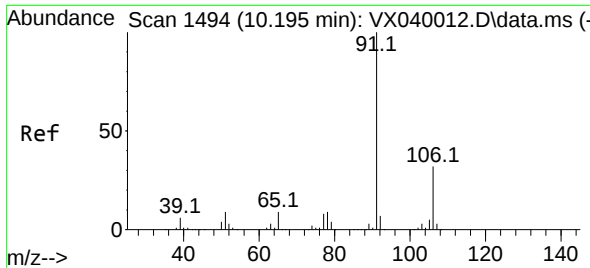
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.909 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion:131 Resp: 59942
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.4
119 66.5 32.2 96.6





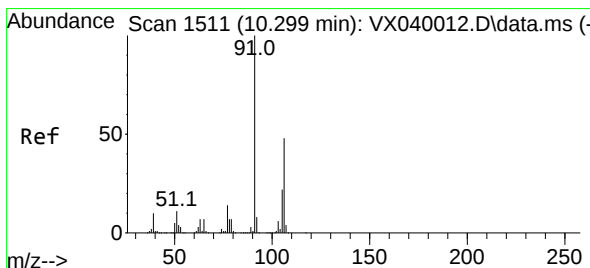
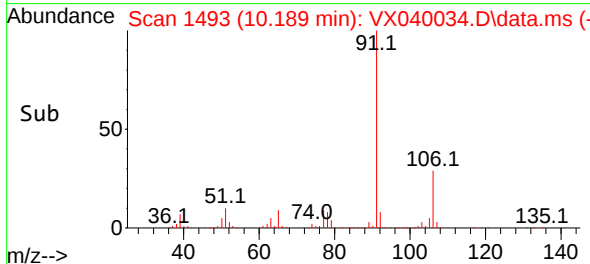
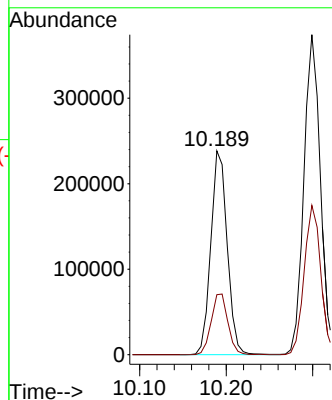
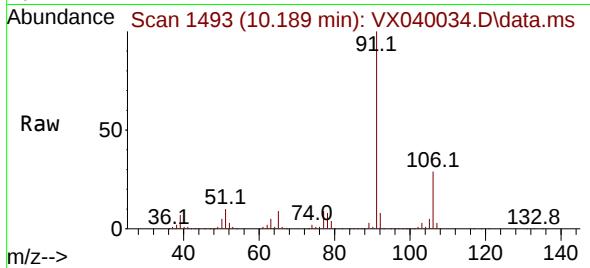
#67
Ethyl Benzene
Concen: 51.060 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 31325
Ion Ratio Lower Upper
91 100
106 29.4 24.9 37.3

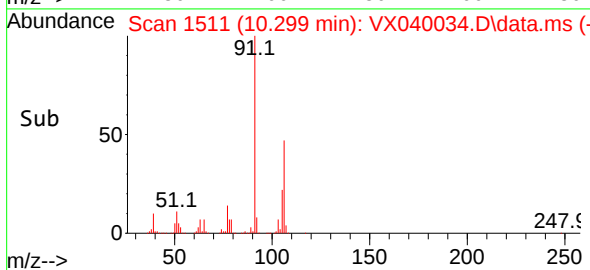
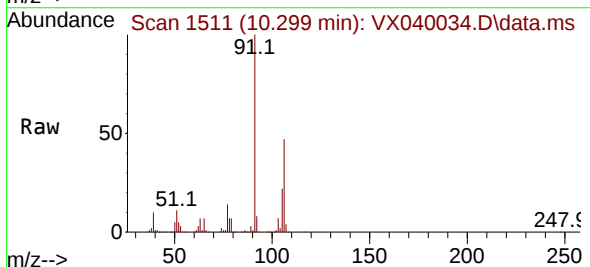
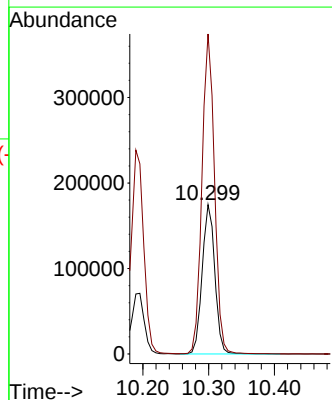
Manual Integrations
APPROVED

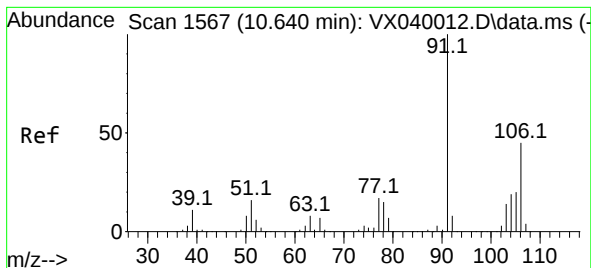
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#68
m/p-Xylenes
Concen: 101.476 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion:106 Resp: 234210
Ion Ratio Lower Upper
106 100
91 211.9 165.5 248.3





#69

o-Xylene

Concen: 51.852 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 113520

Ion Ratio Lower Upper

106 100

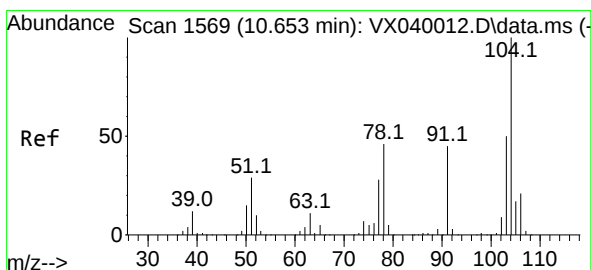
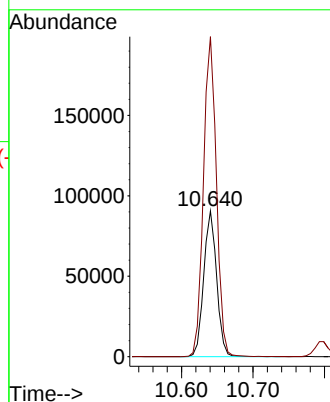
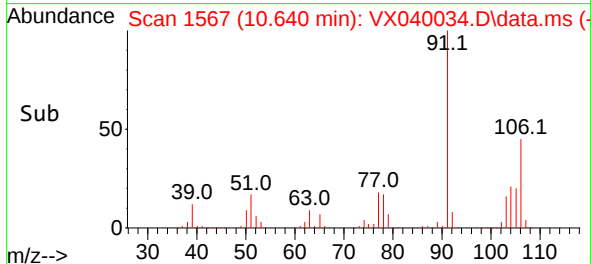
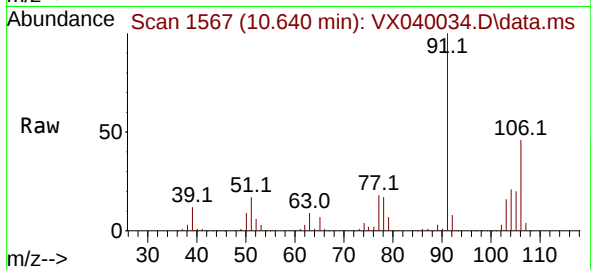
91 220.4 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#70

Styrene

Concen: 51.969 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

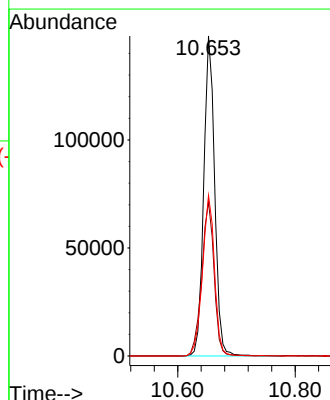
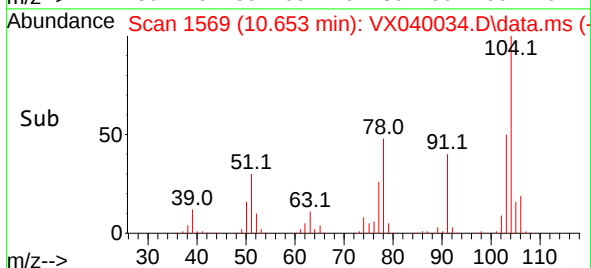
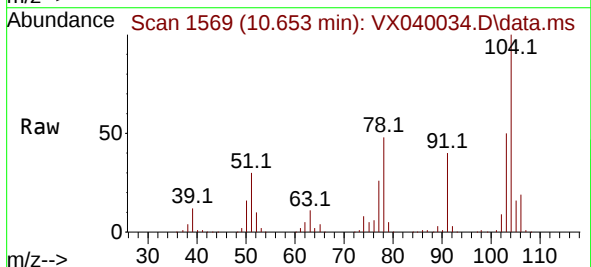
Tgt Ion:104 Resp: 191762

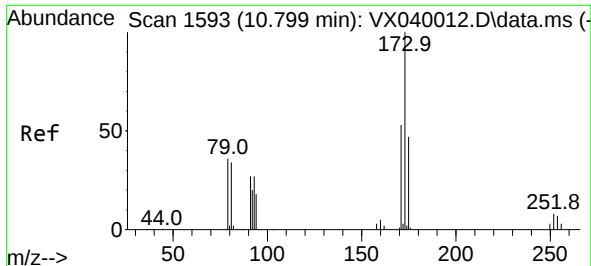
Ion Ratio Lower Upper

104 100

78 54.1 43.6 65.4

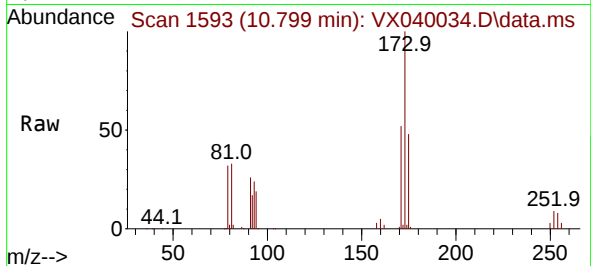
103 55.3 43.6 65.4





#71
Bromoform
Concen: 50.909 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

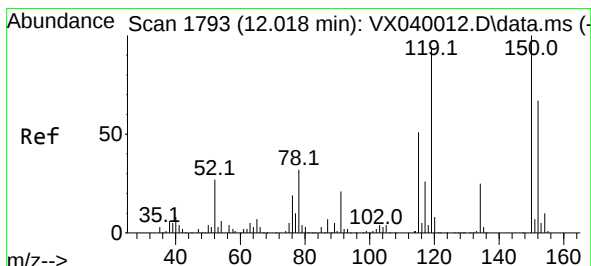
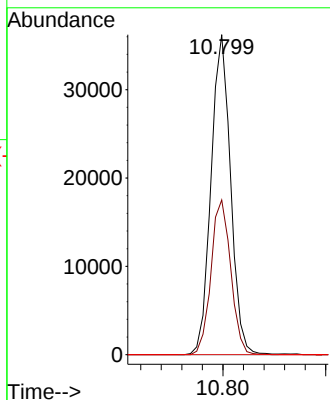
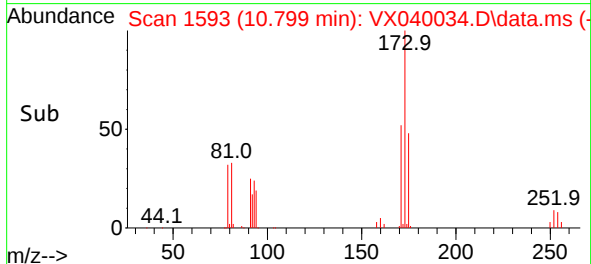
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 4778
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.0 0.0 0.0

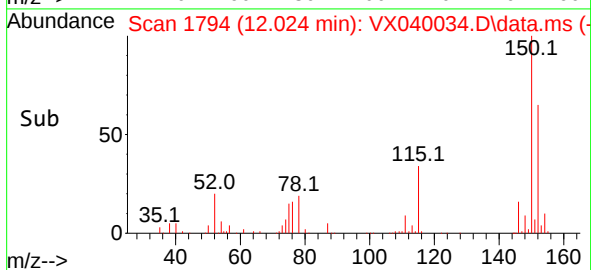
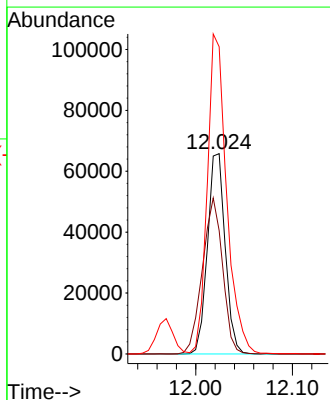
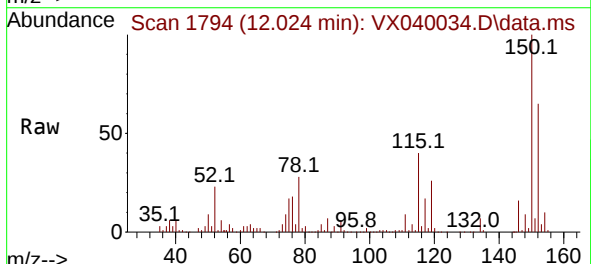
Manual Integrations
APPROVED

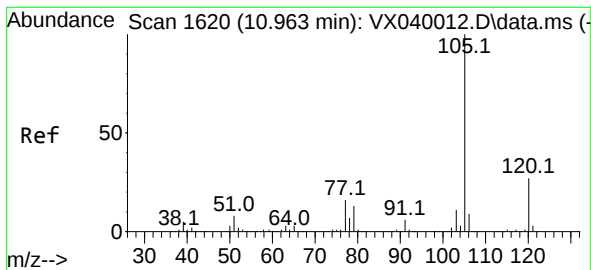
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion:152 Resp: 83938
Ion Ratio Lower Upper
152 100
115 88.6 43.3 129.9
150 174.2 0.0 345.0





#73

Isopropylbenzene

Concen: 49.744 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 29982

Ion Ratio Lower Upper

105 100

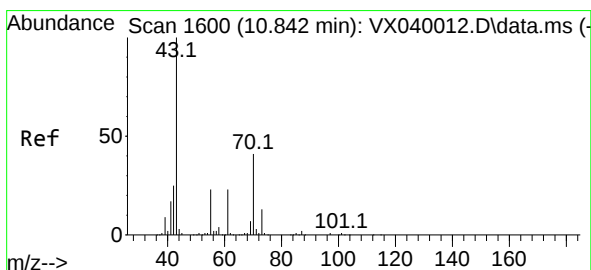
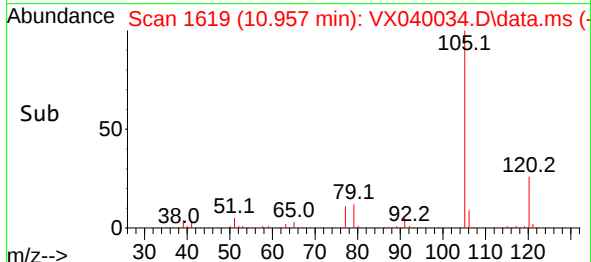
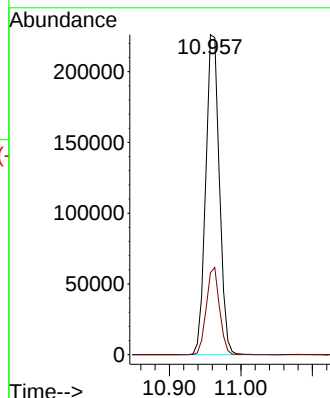
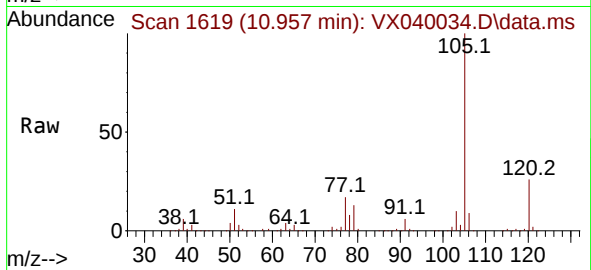
120 26.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#74

N-ethyl acetate

Concen: 50.476 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Tgt Ion: 43 Resp: 144967

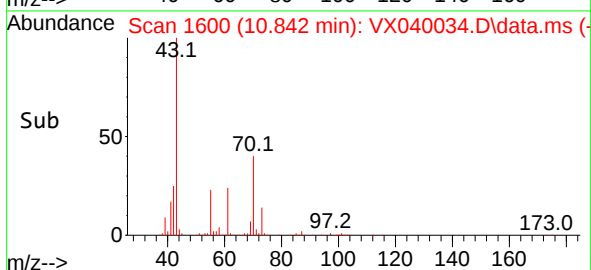
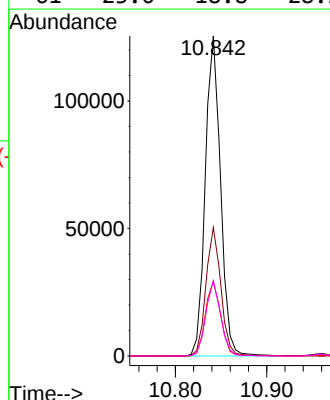
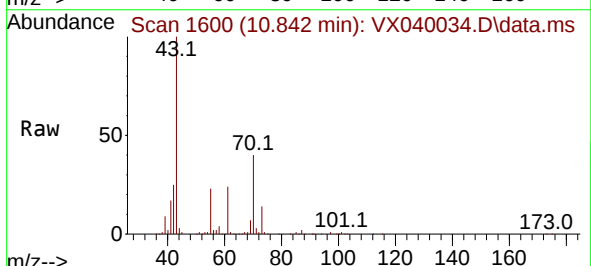
Ion Ratio Lower Upper

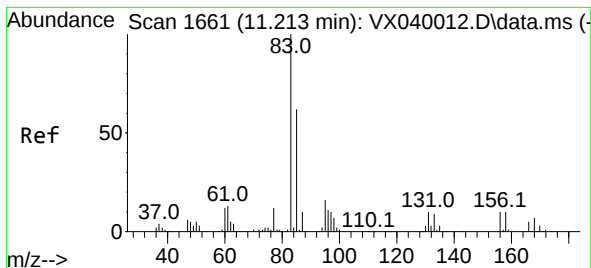
43 100

70 39.4 32.9 49.3

55 23.4 19.3 28.9

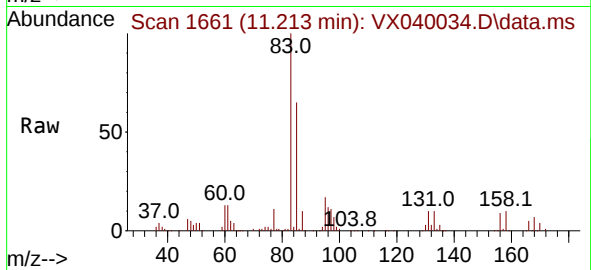
61 23.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 47.515 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

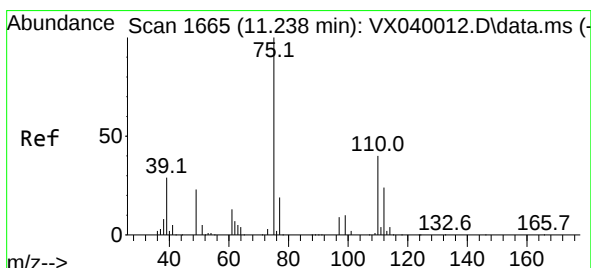
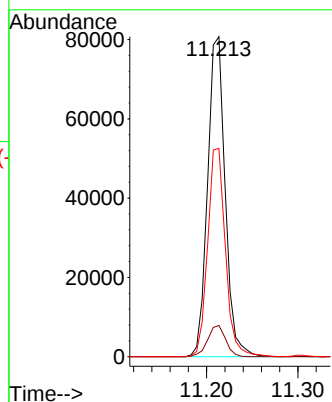
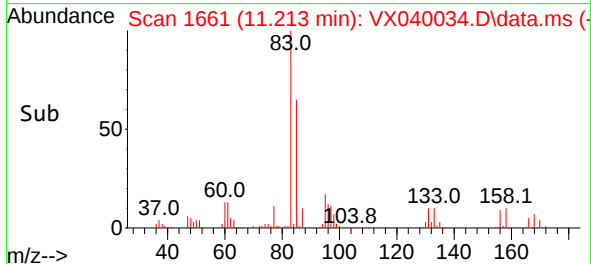
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



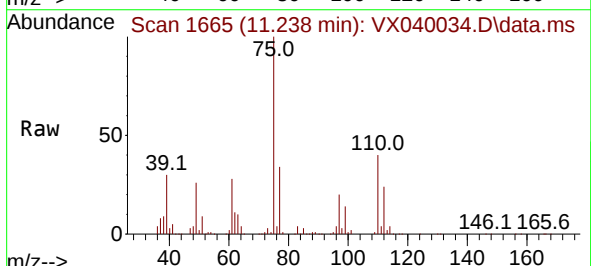
Tgt Ion: 83 Resp: 107674
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.8
85 65.7 32.0 96.2

Manual Integrations
APPROVED

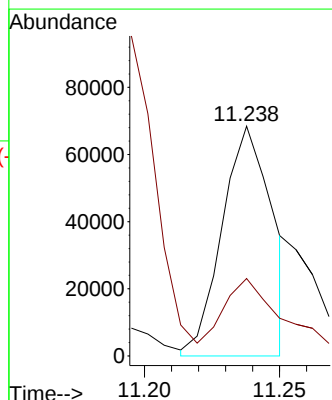
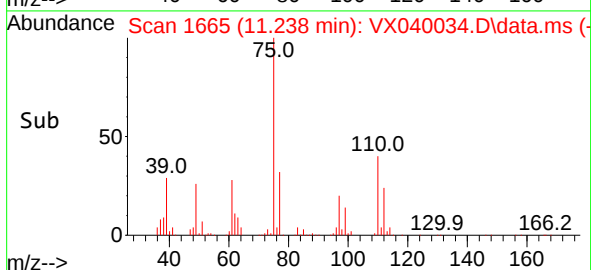
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

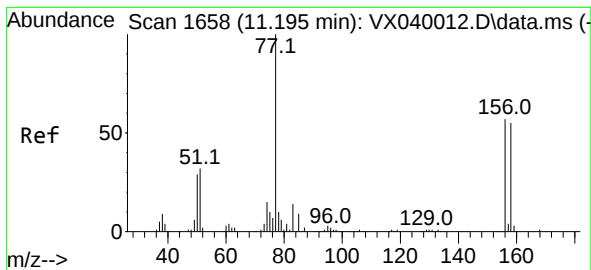


#76
1,2,3-Trichloropropane
Concen: 49.229 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40



Tgt Ion: 75 Resp: 87995
Ion Ratio Lower Upper
75 100
77 41.8 19.1 57.5





#77

Bromobenzene

Concen: 50.149 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 69720

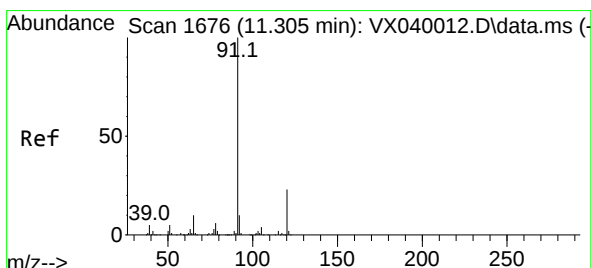
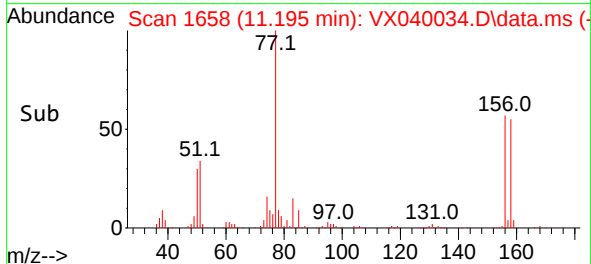
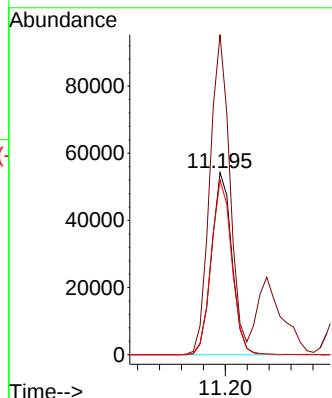
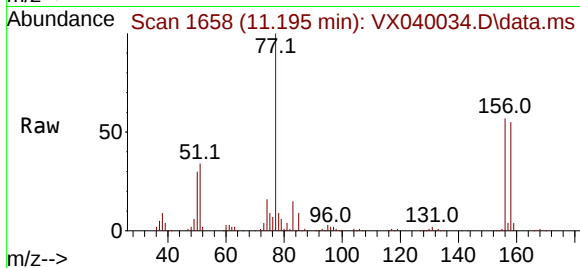
Ion	Ratio	Lower	Upper
156	100		
77	173.5	88.4	265.3
158	97.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#78

n-propylbenzene

Concen: 50.627 ug/l

RT: 11.305 min Scan# 1676

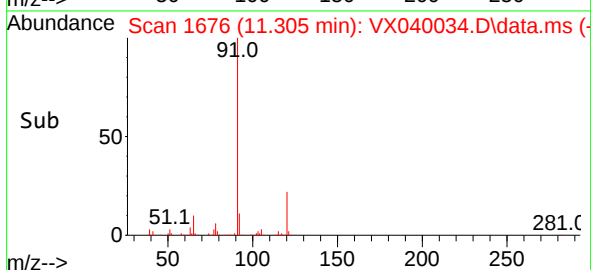
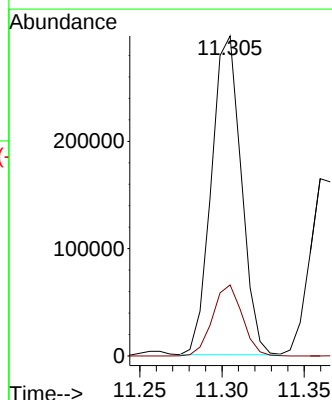
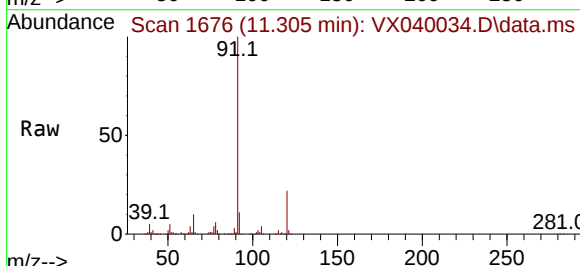
Delta R.T. 0.000 min

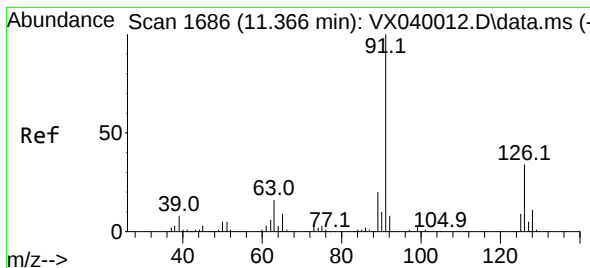
Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Tgt Ion: 91 Resp: 375507

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.5	34.4





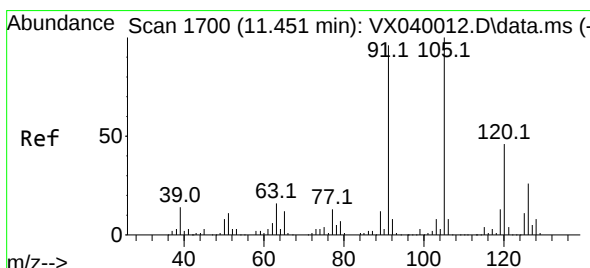
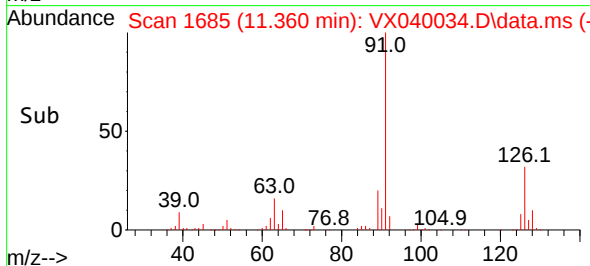
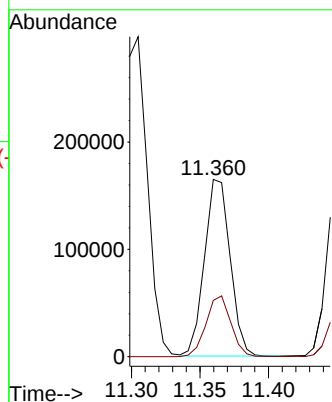
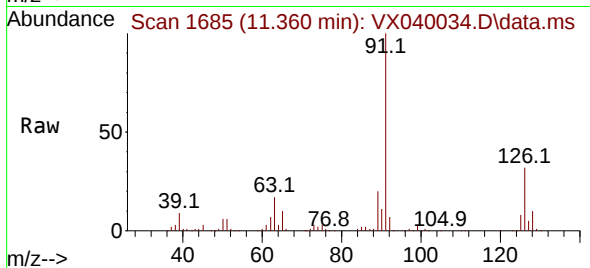
#79
2-Chlorotoluene
Concen: 48.108 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 214814
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8

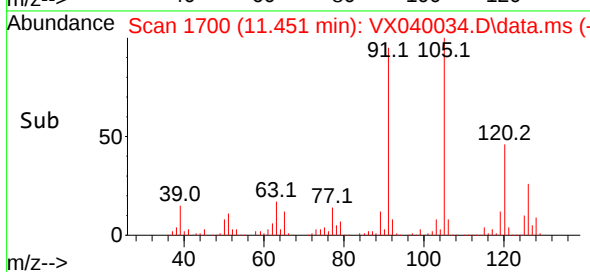
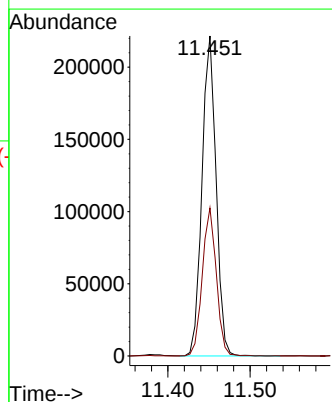
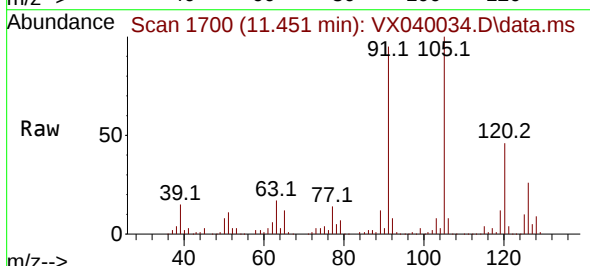
Manual Integrations
APPROVED

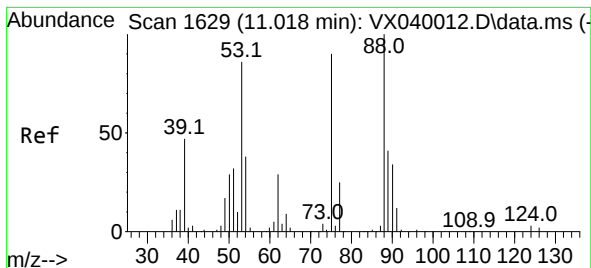
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.874 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

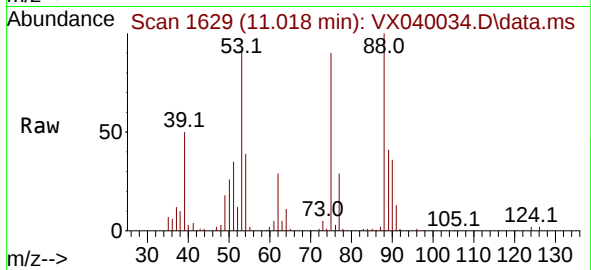
Tgt Ion:105 Resp: 263594
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 52.262 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

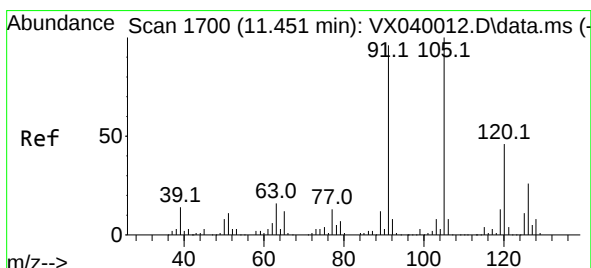
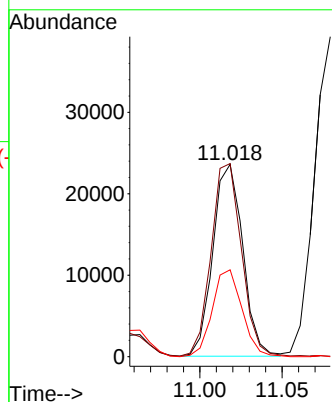
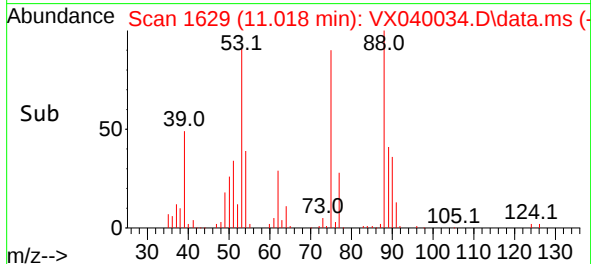
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 2980
Ion Ratio Lower Upper
75 100
53 101.8 90.5 135.7
89 45.0 36.9 55.3

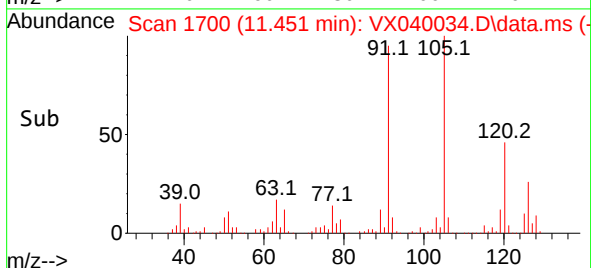
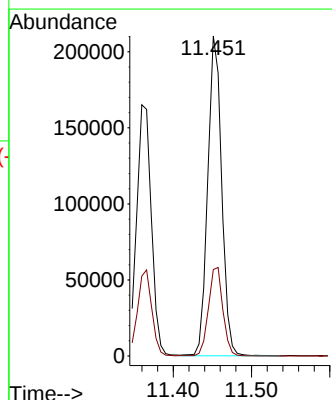
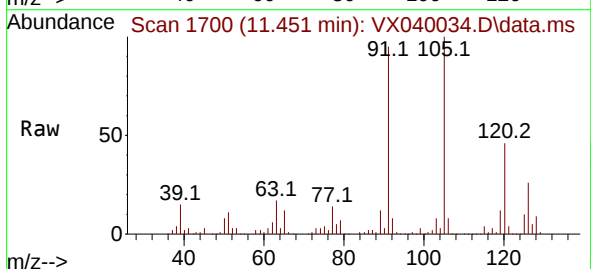
Manual Integrations
APPROVED

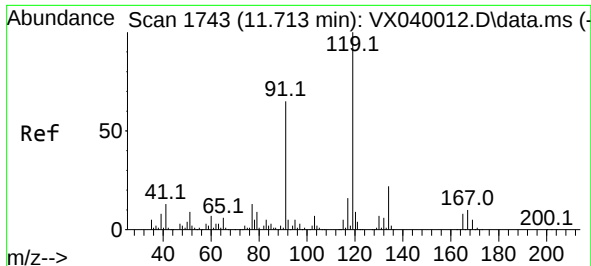
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#82
4-Chlorotoluene
Concen: 50.509 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

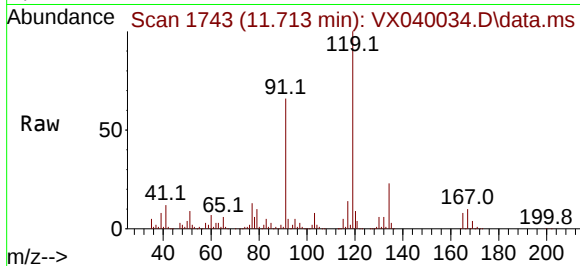
Tgt Ion: 91 Resp: 258857
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 50.035 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

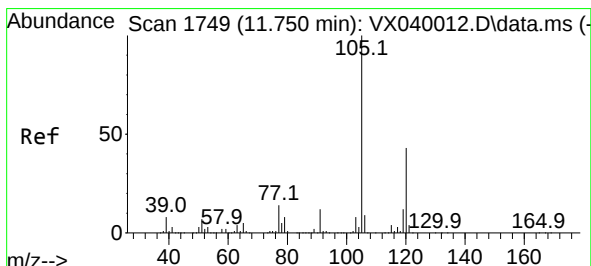
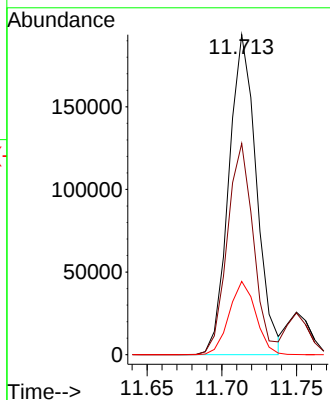
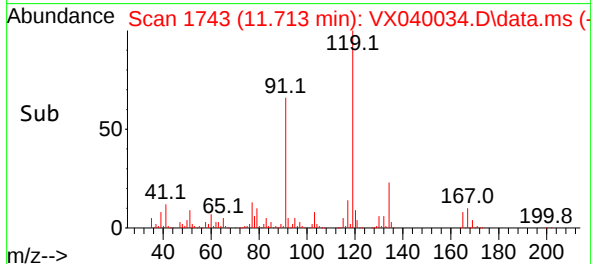
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



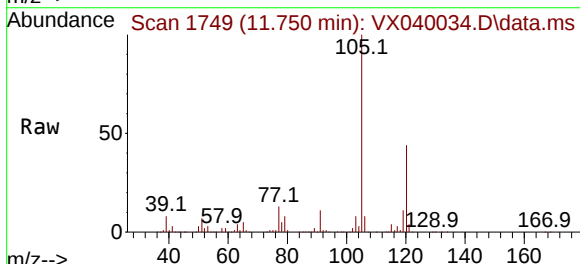
Tgt Ion:119 Resp: 24807
Ion Ratio Lower Upper
119 100
91 63.1 31.2 93.6
134 22.2 11.7 35.0

Manual Integrations
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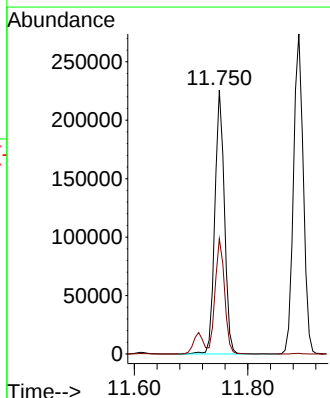
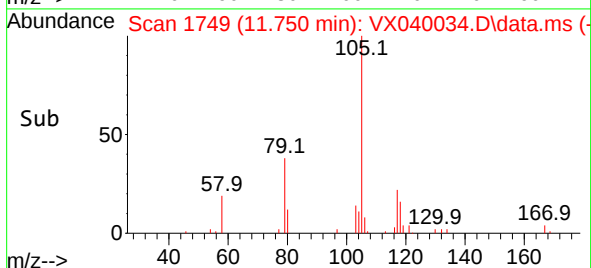
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

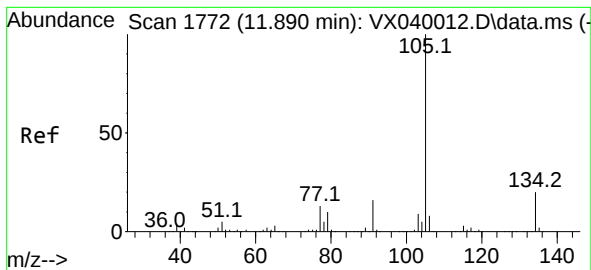


#84
1,2,4-Trimethylbenzene
Concen: 51.044 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40



Tgt Ion:105 Resp: 263907
Ion Ratio Lower Upper
105 100
120 42.7 21.2 63.6





#85

sec-Butylbenzene

Concen: 49.967 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 328218

Ion Ratio Lower Upper

105 100

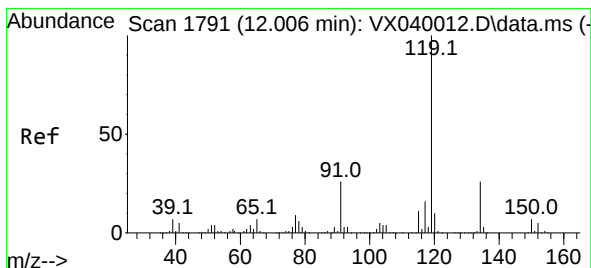
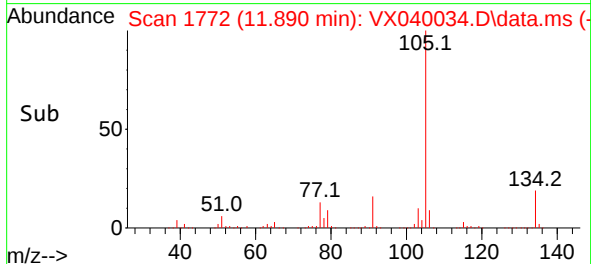
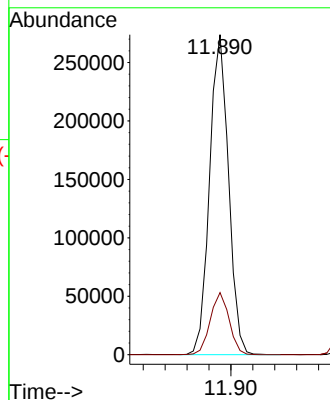
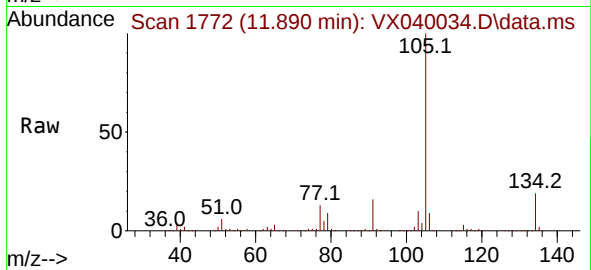
134 19.4 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#86

p-Isopropyltoluene

Concen: 50.525 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

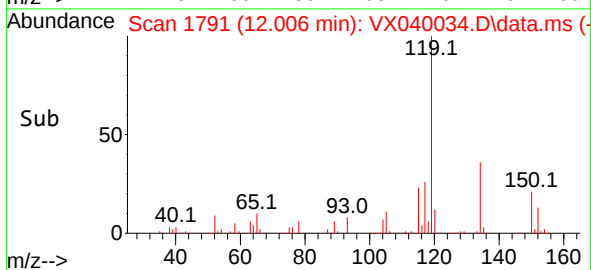
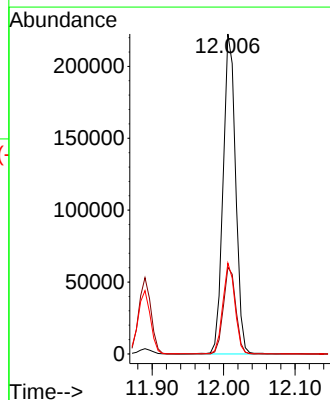
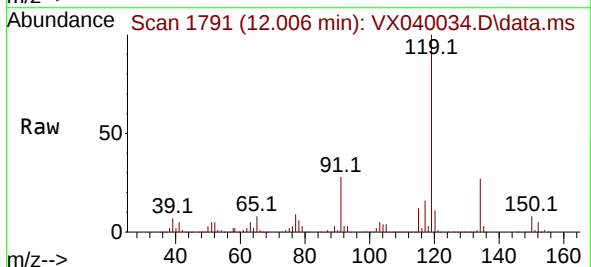
Tgt Ion:119 Resp: 271009

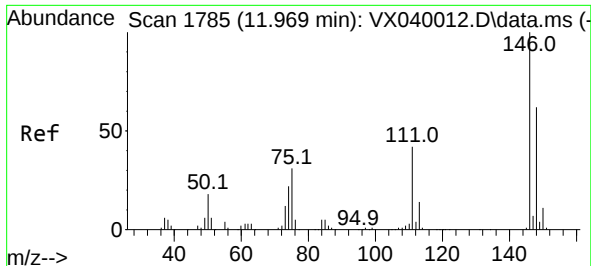
Ion Ratio Lower Upper

119 100

134 26.8 12.8 38.3

91 27.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 49.078 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 137658

Ion Ratio Lower Upper

146 100

111 43.1 22.1 66.1

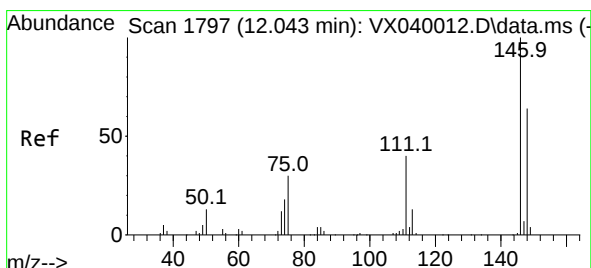
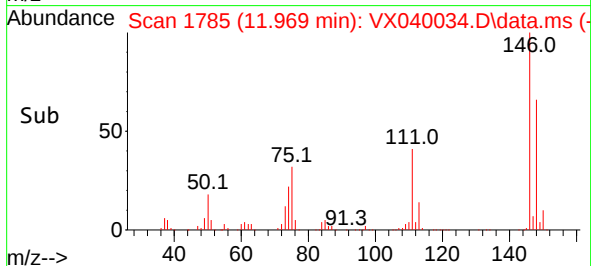
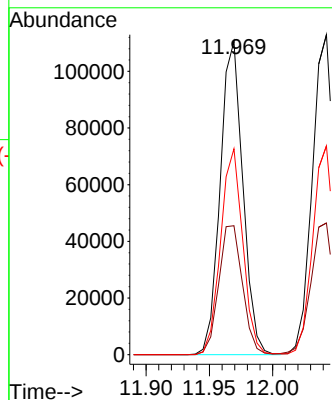
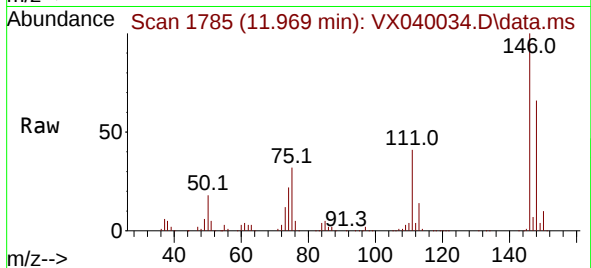
148 64.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#88

1,4-Dichlorobenzene

Concen: 49.014 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

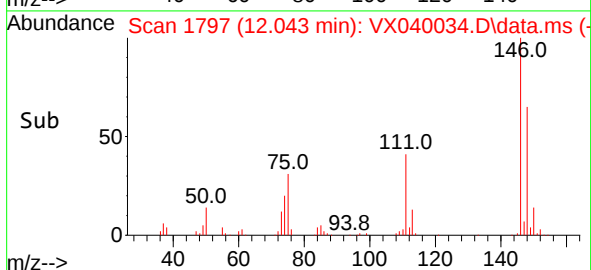
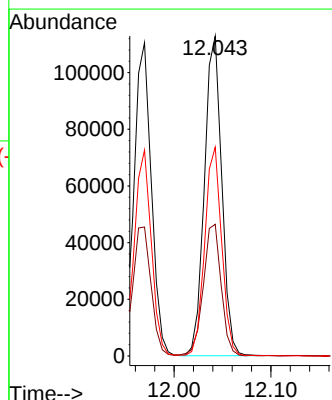
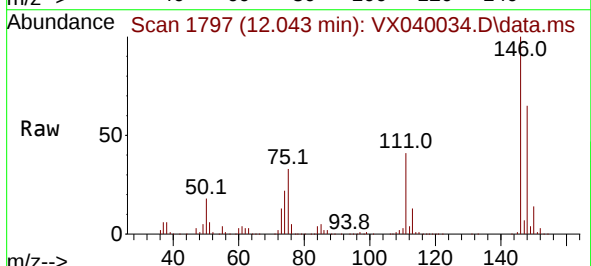
Tgt Ion:146 Resp: 140729

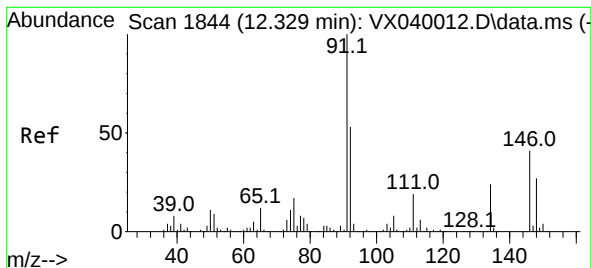
Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.7

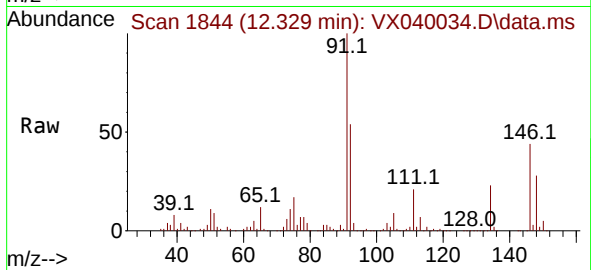
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 49.013 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

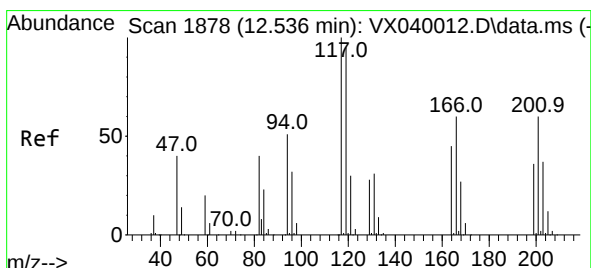
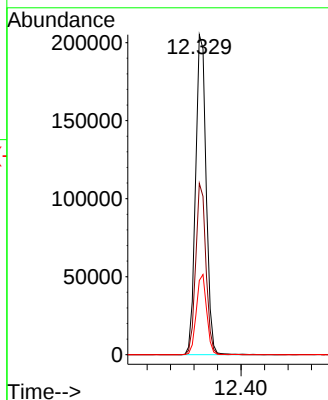
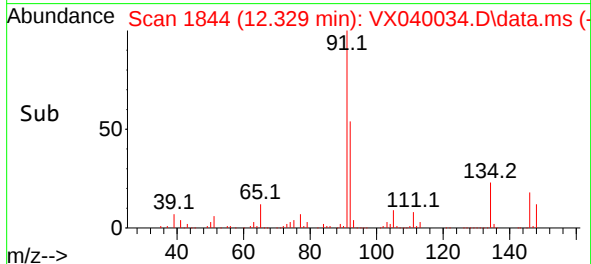
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 25517
Ion Ratio Lower Upper
91 100
92 52.1 27.4 82.0
134 24.5 12.6 37.8

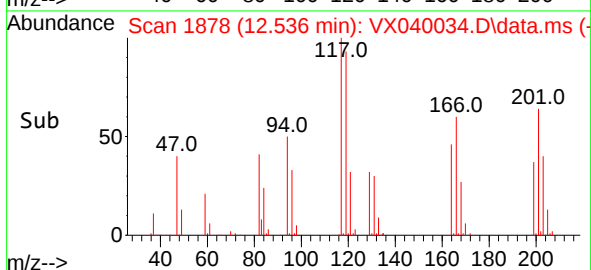
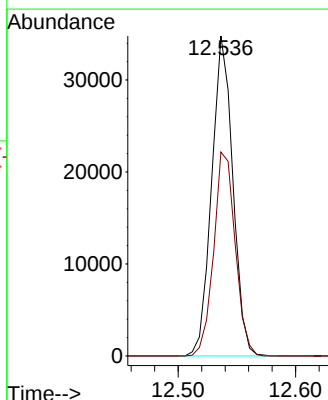
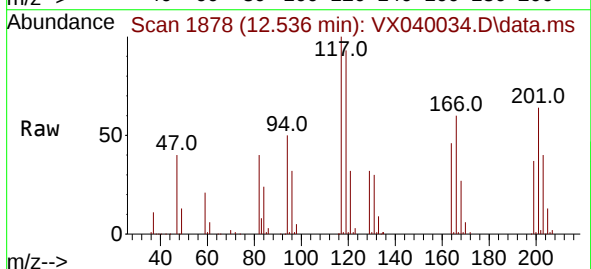
Manual Integrations
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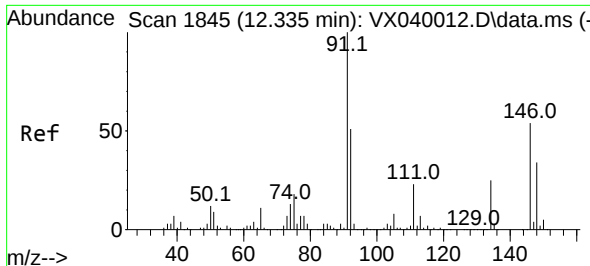
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#90
Hexachloroethane
Concen: 49.610 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040034.D
Acq: 31 Jan 2024 09:40

Tgt Ion:117 Resp: 43449
Ion Ratio Lower Upper
117 100
201 65.1 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 48.342 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 130735

Ion Ratio Lower Upper

146 100

111 43.7 22.4 67.0

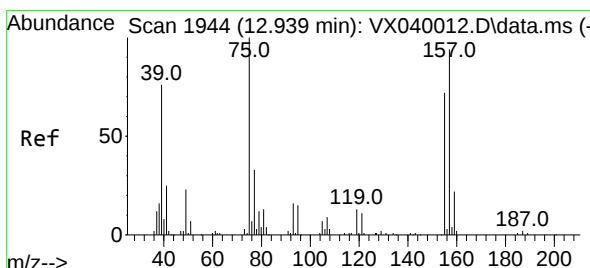
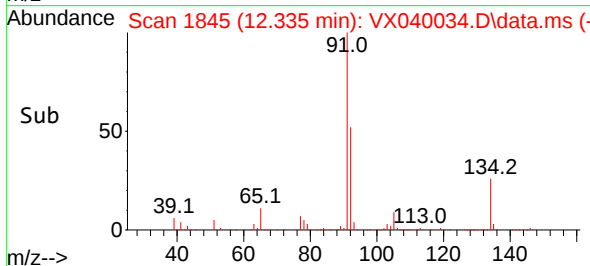
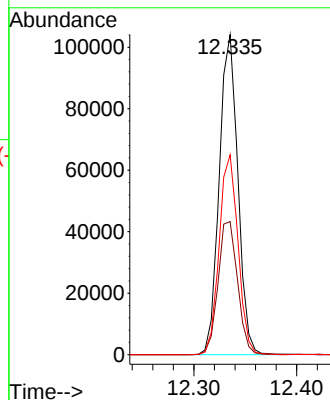
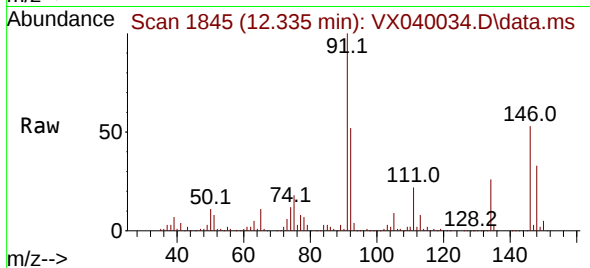
148 63.1 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.303 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

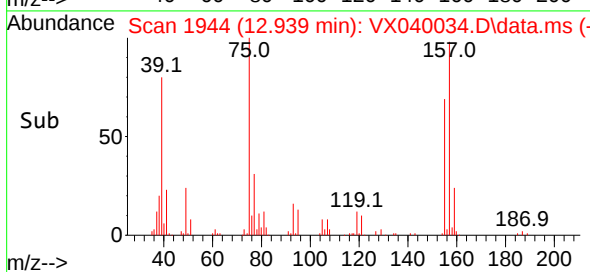
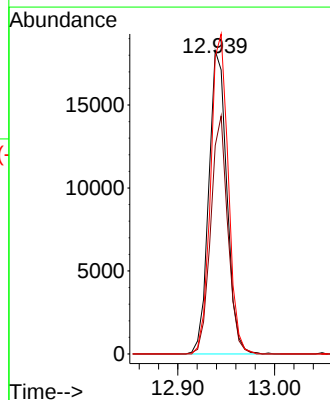
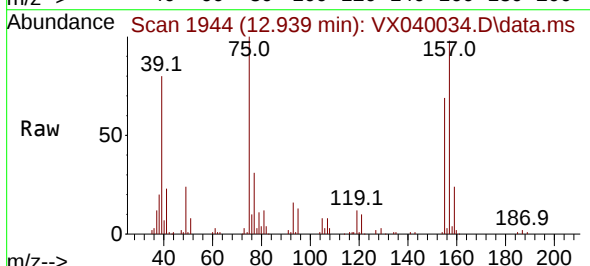
Tgt Ion: 75 Resp: 23785

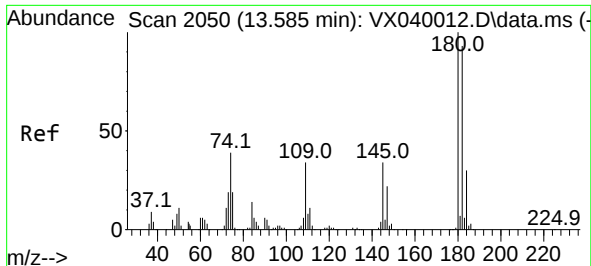
Ion Ratio Lower Upper

75 100

155 74.1 36.1 108.5

157 102.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 50.302 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

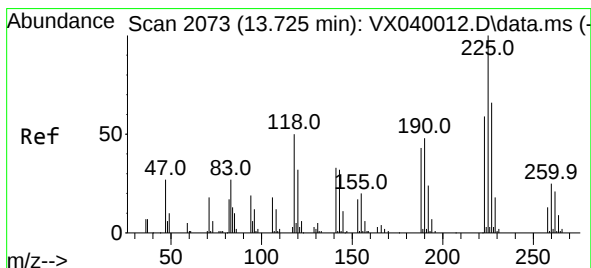
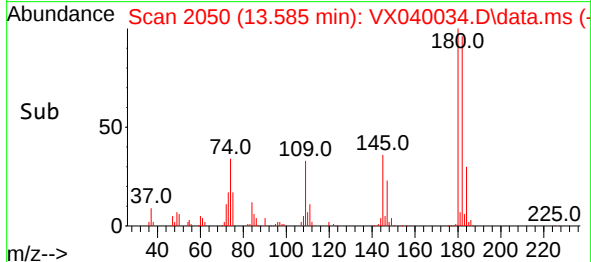
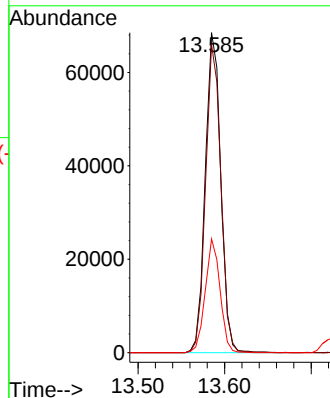
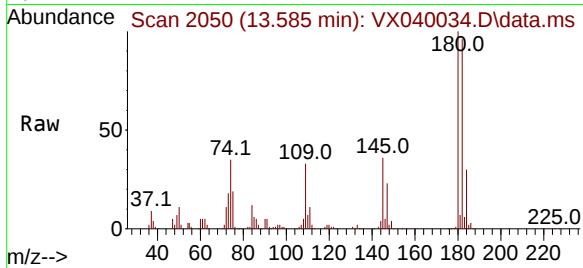
Tgt Ion:	180	Resp:	85038
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.3	144.8
145	34.1	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#94

Hexachlorobutadiene

Concen: 50.750 ug/l

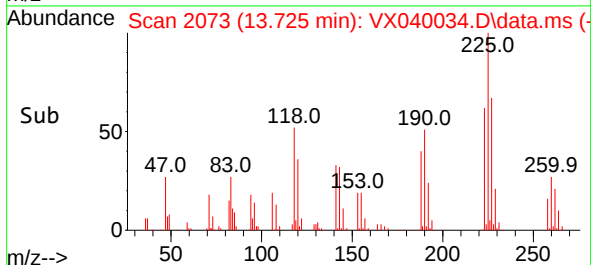
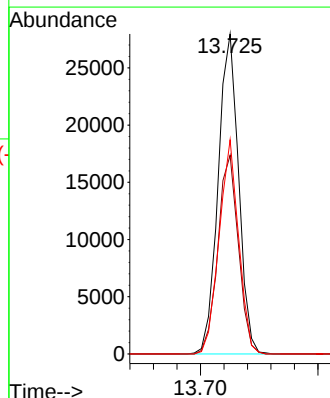
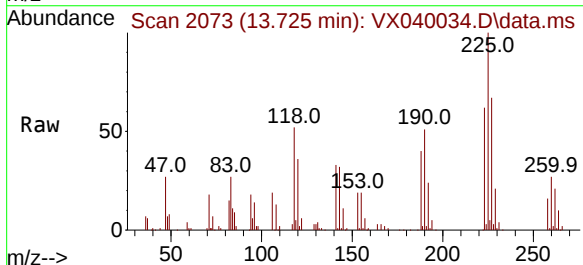
RT: 13.725 min Scan# 2073

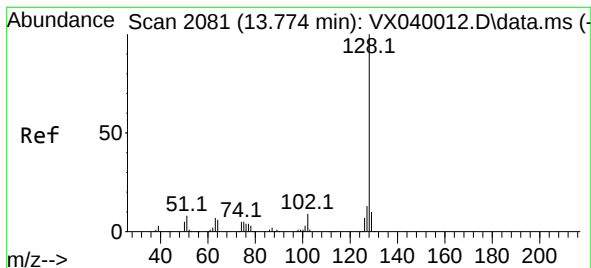
Delta R.T. 0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Tgt Ion:	225	Resp:	33796
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.1	93.2
227	63.9	32.5	97.5





#95

Naphthalene

Concen: 49.813 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

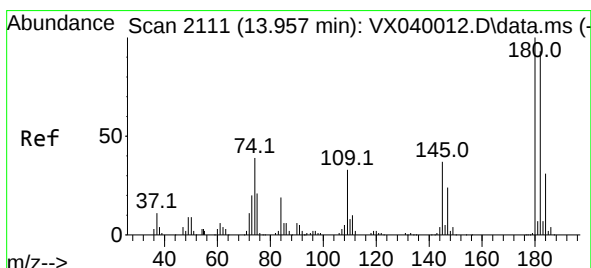
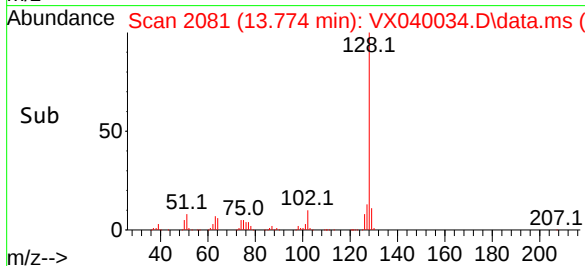
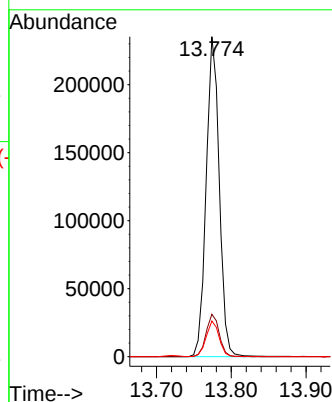
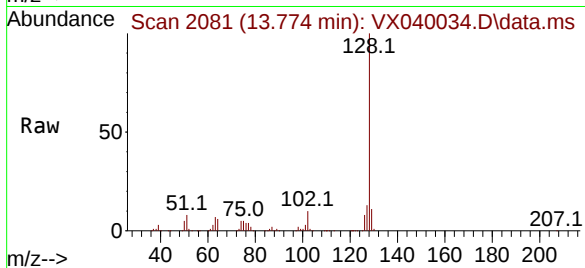
Tgt Ion:	128	Resp:	286018
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 49.831 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040034.D

Acq: 31 Jan 2024 09:40

Tgt Ion:	180	Resp:	83292
Ion Ratio	Lower	Upper	
180	100		
182	94.8	46.9	140.6
145	35.5	17.8	53.5

