

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032724\
 Data File : VX040817.D
 Acq On : 27 Mar 2024 16:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2024
 Supervised By : Mahesh Dadoda 03/28/2024

Quant Time: Mar 28 03:57:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	45676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	77264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	68490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	35997	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	38992	50.769	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.540%			
35) Dibromofluoromethane	5.385	113	27577	47.700	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.400%			
50) Toluene-d8	8.647	98	96201	48.597	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.200%			
62) 4-Bromofluorobenzene	11.079	95	35394	45.255	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	27096	45.841	ug/l	97
3) Chloromethane	1.301	50	26364	43.608	ug/l	97
4) Vinyl Chloride	1.374	62	28020	48.946	ug/l	99
5) Bromomethane	1.599	94	17695	45.853	ug/l	99
6) Chloroethane	1.685	64	17821	44.289	ug/l	98
7) Trichlorofluoromethane	1.886	101	44762	44.688	ug/l	96
8) Diethyl Ether	2.130	74	14409	44.753	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	25781	44.759	ug/l	98
10) Methyl Iodide	2.453	142	33622	44.087	ug/l	99
11) Tert butyl alcohol	2.953	59	32829	266.932	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	23720	43.966	ug/l	98
13) Acrolein	2.233	56	18471	253.786	ug/l	95
14) Allyl chloride	2.660	41	43865	45.366	ug/l	90
15) Acrylonitrile	3.056	53	74497	245.371	ug/l	97
16) Acetone	2.374	43	72239	265.549	ug/l	99
17) Carbon Disulfide	2.514	76	58618	37.825	ug/l	98
18) Methyl Acetate	2.703	43	33798	46.357	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	87840	47.173	ug/l	97
20) Methylene Chloride	2.788	84	26964	45.345	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	24551	43.106	ug/l	94
22) Diisopropyl ether	3.757	45	89016	47.179	ug/l	98
23) Vinyl Acetate	3.721	43	430806	241.556	ug/l	99
24) 1,1-Dichloroethane	3.605	63	49621	45.788	ug/l	99
25) 2-Butanone	4.550	43	111528	261.748	ug/l	99
26) 2,2-Dichloropropane	4.471	77	42430	44.874	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	30559	46.319	ug/l	100
28) Bromochloromethane	4.891	49	23383	47.177	ug/l	98
29) Tetrahydrofuran	4.995	42	73720	260.113	ug/l	99
30) Chloroform	5.087	83	55289	47.654	ug/l	99
31) Cyclohexane	5.465	56	39550	43.341	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	48284	48.417	ug/l	99
36) 1,1-Dichloropropene	5.690	75	36348	42.700	ug/l	99
37) Ethyl Acetate	4.709	43	45446	47.016	ug/l	97
38) Carbon Tetrachloride	5.672	117	40675	42.453	ug/l	97
39) Methylcyclohexane	7.379	83	42344	44.901	ug/l	96
40) Benzene	6.031	78	103456	44.014	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	24296	48.607	ug/l	96
42) 1,2-Dichloroethane	6.080	62	45027	47.339	ug/l	98
43) Isopropyl Acetate	6.336	43	72644	47.859	ug/l	97
44) Trichloroethene	7.123	130	26193	46.491	ug/l	94
45) 1,2-Dichloropropane	7.428	63	26138	47.396	ug/l	97
46) Dibromomethane	7.574	93	21292	48.748	ug/l	99
47) Bromodichloromethane	7.818	83	44207	49.533	ug/l	97
48) Methyl methacrylate	7.690	41	36174	52.142	ug/l	94
49) 1,4-Dioxane	7.653	88	13269	1133.283	ug/l #	97
51) 4-Methyl-2-Pentanone	8.568	43	241828	256.903	ug/l	97
52) Toluene	8.714	92	65266	46.557	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	43548	47.169	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	43988	46.069	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	26926	47.166	ug/l	93
56) Ethyl methacrylate	9.116	69	47340	49.611	ug/l #	92
57) 1,3-Dichloropropane	9.305	76	45901	47.118	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	114036	227.708	ug/l	96
59) 2-Hexanone	9.427	43	189367	259.692	ug/l	95
60) Dibromochloromethane	9.519	129	32304	48.154	ug/l	100
61) 1,2-Dibromoethane	9.610	107	28279	46.910	ug/l	99
64) Tetrachloroethene	9.269	164	22337	43.784	ug/l	96
65) Chlorobenzene	10.080	112	71174	45.818	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	24875	47.057	ug/l	99
67) Ethyl Benzene	10.189	91	128195	46.080	ug/l	99
68) m/p-Xylenes	10.299	106	93569	91.865	ug/l	93
69) o-Xylene	10.640	106	44671	45.653	ug/l	89
70) Styrene	10.653	104	80367	49.064	ug/l	97
71) Bromoform	10.799	173	20754	48.070	ug/l #	99
73) Isopropylbenzene	10.964	105	120025	43.944	ug/l	99
74) N-amyl acetate	10.842	43	62954	46.813	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	39661	42.893	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	34915m	45.098	ug/l	
77) Bromobenzene	11.195	156	28164	42.600	ug/l	100
78) n-propylbenzene	11.305	91	145735	43.274	ug/l	97
79) 2-Chlorotoluene	11.366	91	83956	43.204	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	101035	44.125	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	13564	44.322	ug/l	96
82) 4-Chlorotoluene	11.451	91	101285	41.556	ug/l	99
83) tert-Butylbenzene	11.713	119	99475	43.315	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	101510	44.048	ug/l	98
85) sec-Butylbenzene	11.890	105	128178	43.891	ug/l	99
86) p-Isopropyltoluene	12.006	119	108298	44.721	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	55750	44.158	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	56768	42.339	ug/l	100
89) n-Butylbenzene	12.329	91	107378	43.971	ug/l	96
90) Hexachloroethane	12.536	117	19102	45.300	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	54413	43.868	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9658	41.832	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	37742	42.813	ug/l	98
94) Hexachlorobutadiene	13.725	225	14652	42.167	ug/l	99
95) Naphthalene	13.774	128	127359	45.665	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	37622	43.438	ug/l	98

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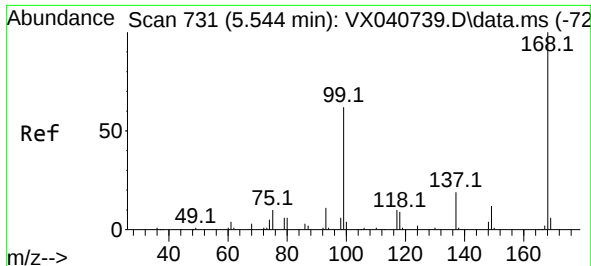
Manual Integrations
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Supervised By :Mahesh Dadoda 03/28/2024

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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



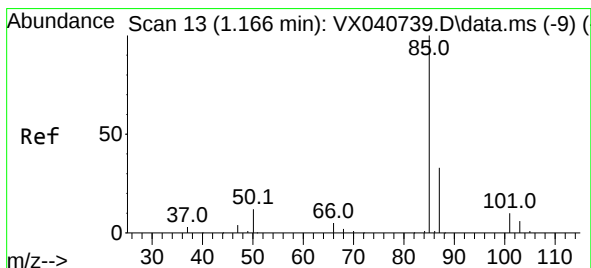
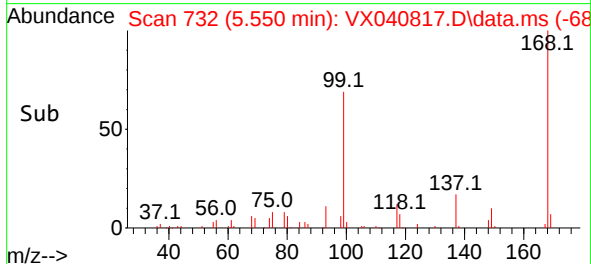
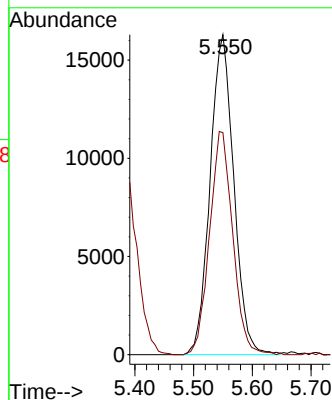
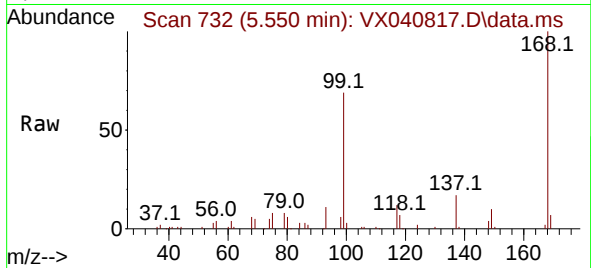
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040817.D
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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 45670
Ion Ratio Lower Upper
168 100
99 69.4 56.6 85.0

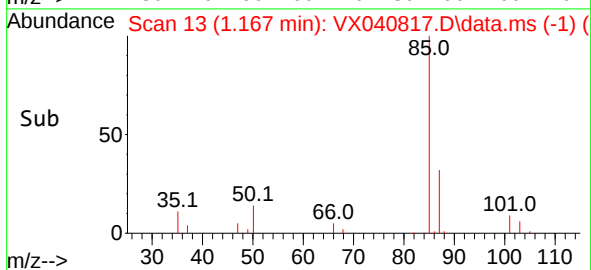
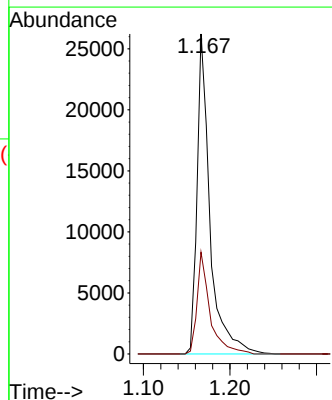
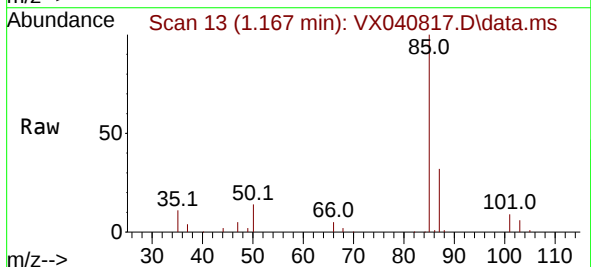
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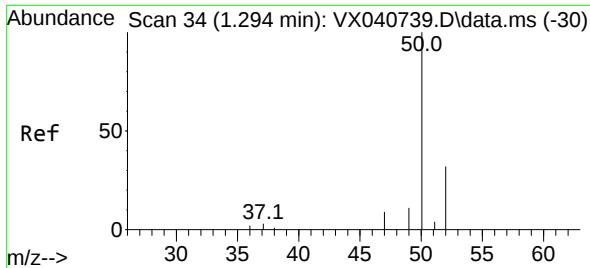
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#2
Dichlorodifluoromethane
Concen: 45.841 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion: 85 Resp: 27096
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.1





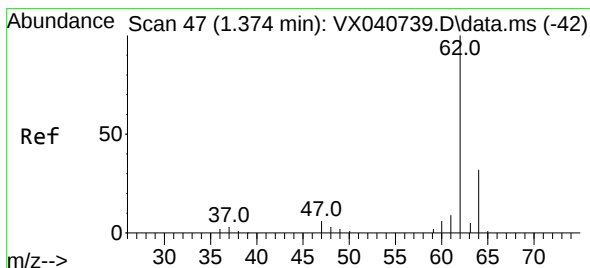
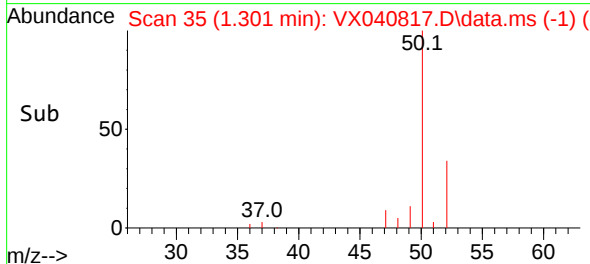
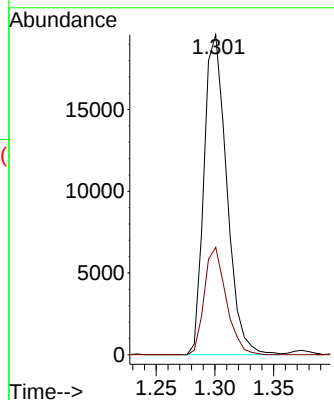
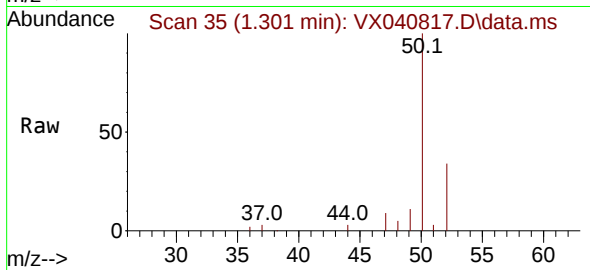
#3
Chloromethane
Concen: 43.608 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 26364
Ion Ratio Lower Upper
50 100
52 33.6 25.5 38.3

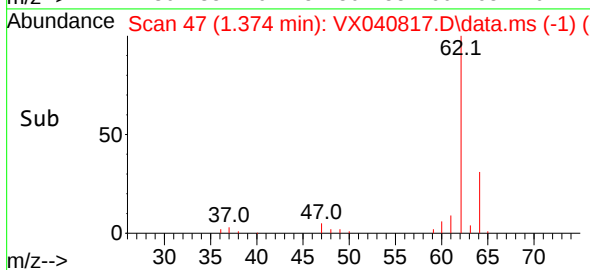
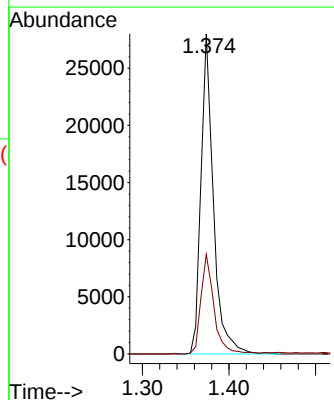
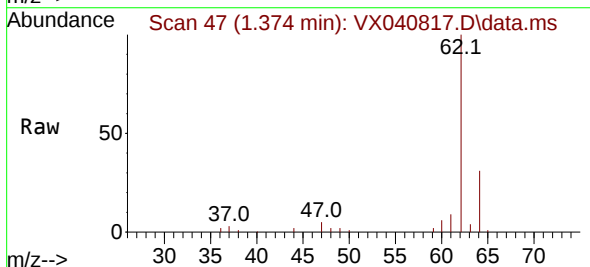
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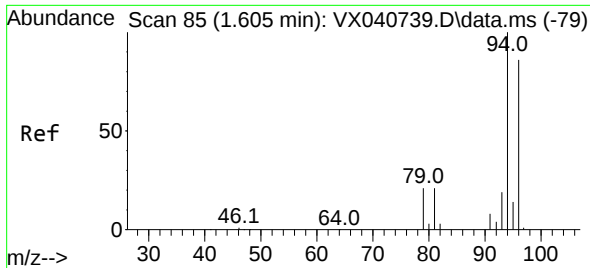
Reviewed By :John Carlone 03/28/2024
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#4
Vinyl Chloride
Concen: 48.946 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion: 62 Resp: 28020
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.0





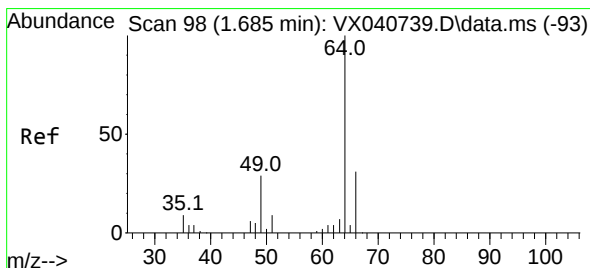
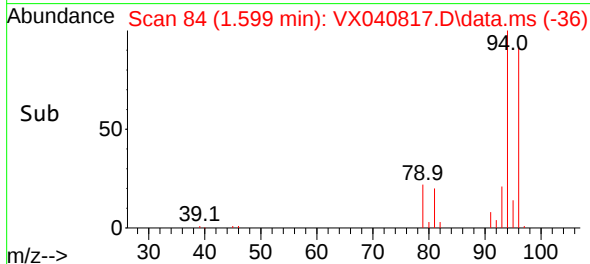
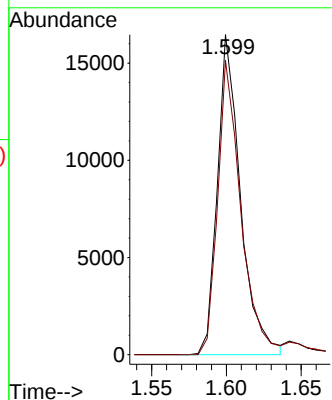
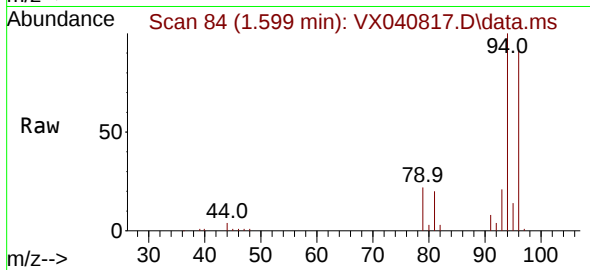
#5
Bromomethane
Concen: 45.853 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

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Tgt Ion: 94 Resp: 1769
Ion Ratio Lower Upper
94 100
96 92.0 74.6 111.8

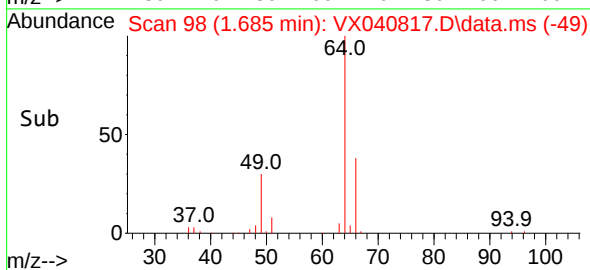
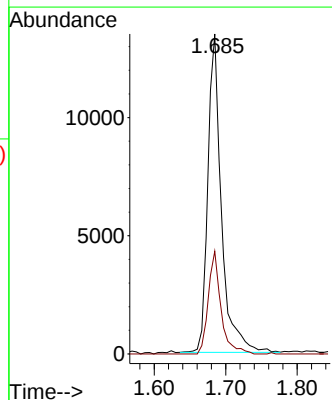
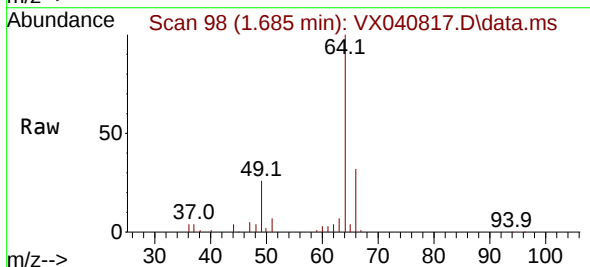
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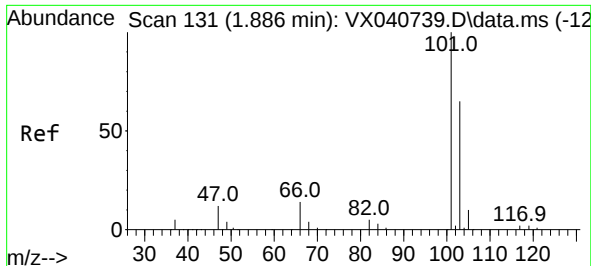
Reviewed By :John Carlone 03/28/2024
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#6
Chloroethane
Concen: 44.289 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion: 64 Resp: 17821
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7





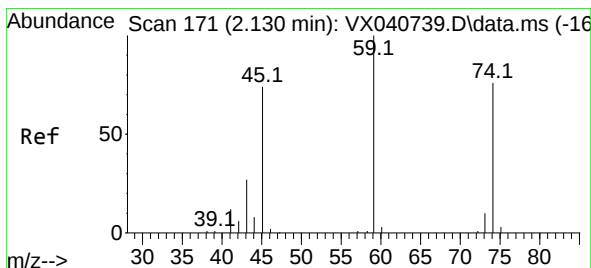
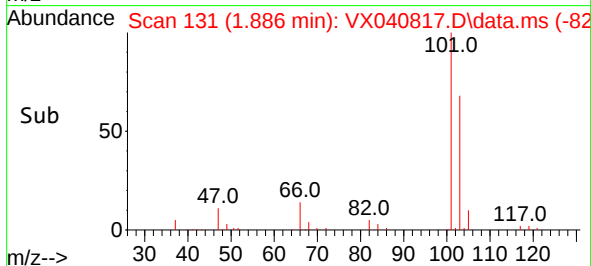
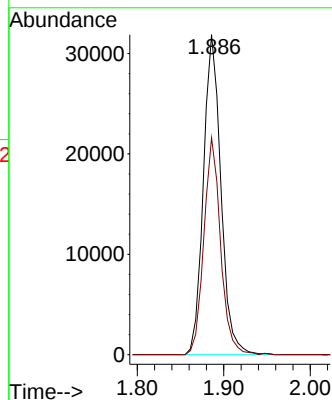
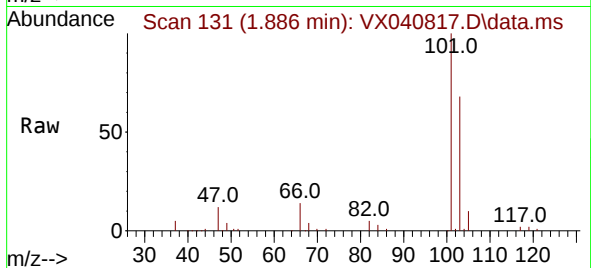
#7
Trichlorofluoromethane
Concen: 44.688 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 44762
Ion Ratio Lower Upper
101 100
103 67.8 51.4 77.2

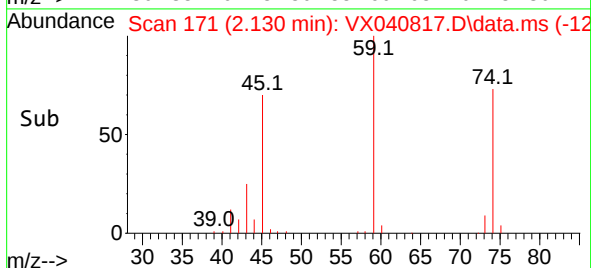
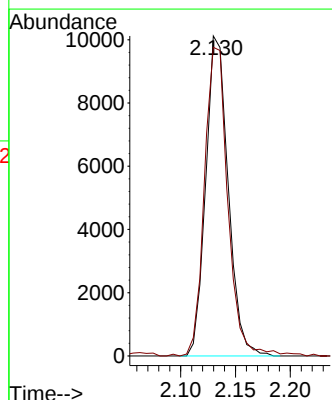
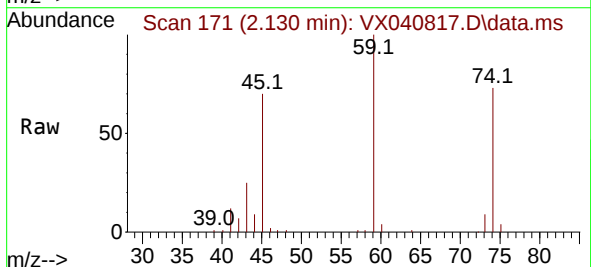
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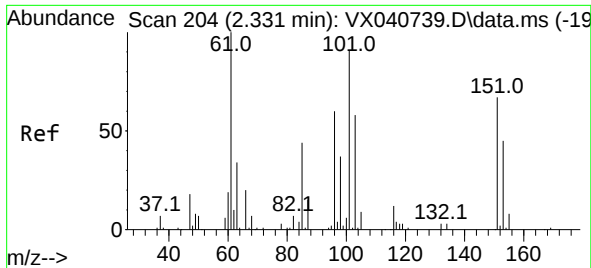
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#8
Diethyl Ether
Concen: 44.753 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion: 74 Resp: 14409
Ion Ratio Lower Upper
74 100
45 100.7 53.3 159.8





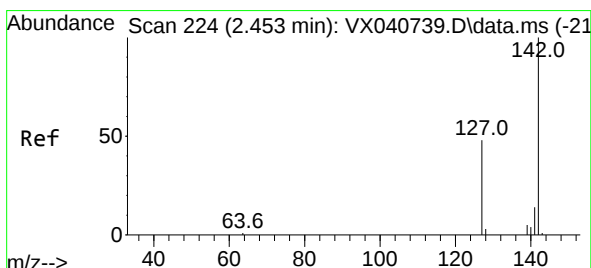
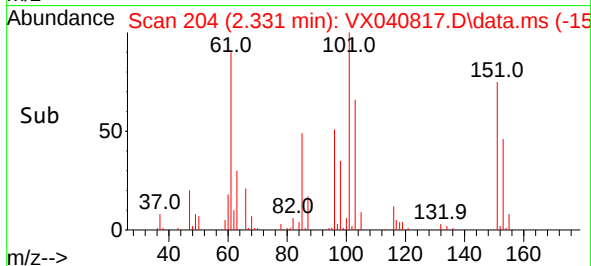
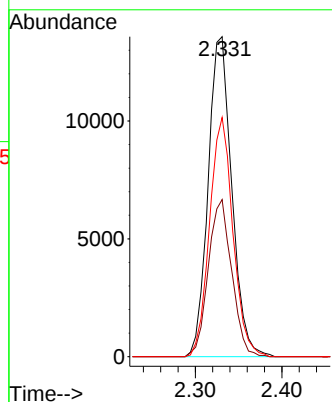
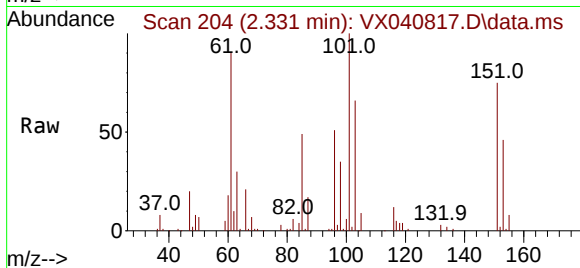
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.759 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 2578
Ion Ratio Lower Upper
101 100
85 48.6 37.0 55.6
151 73.8 58.6 87.8

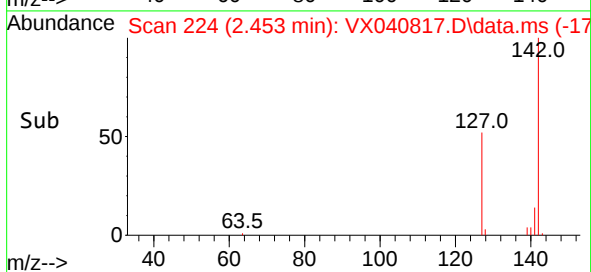
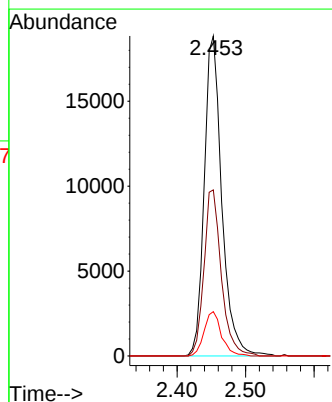
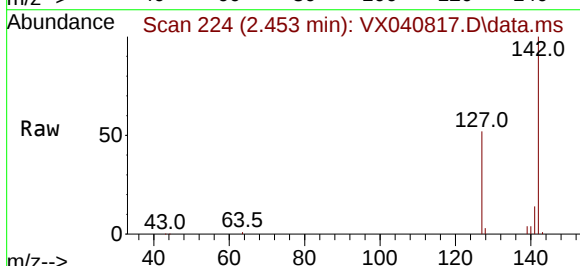
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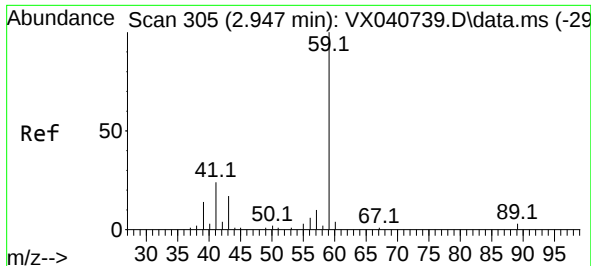
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#10
Methyl Iodide
Concen: 44.087 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion:142 Resp: 33622
Ion Ratio Lower Upper
142 100
127 51.3 41.6 62.4
141 13.7 11.6 17.4





#11

Tert butyl alcohol

Concen: 266.932 ug/l

RT: 2.953 min Scan# 305

Delta R.T. 0.006 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 32829

Ion Ratio Lower Upper

59 100

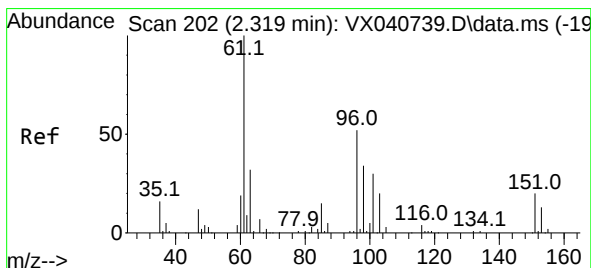
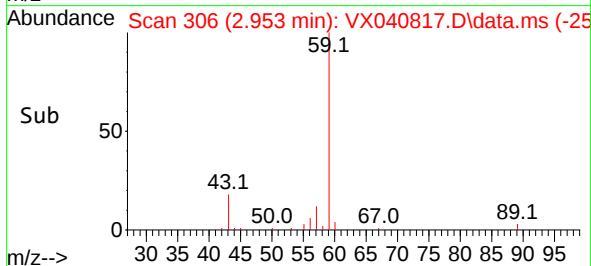
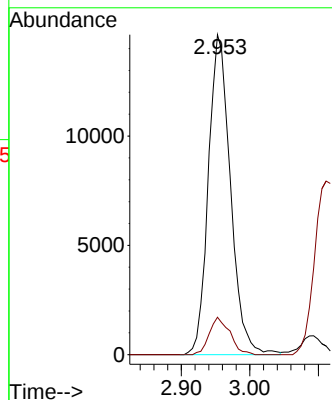
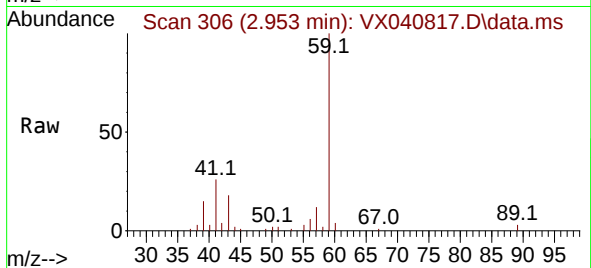
57 10.9 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#12

1,1-Dichloroethene

Concen: 43.966 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

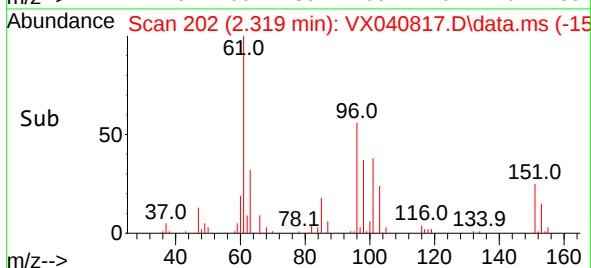
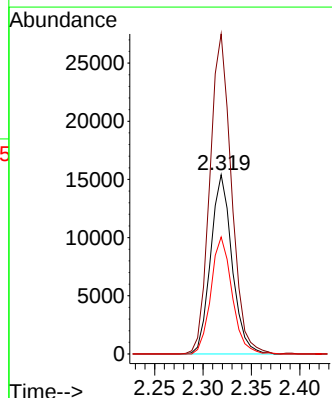
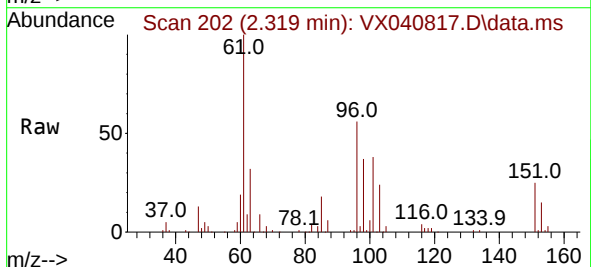
Tgt Ion: 96 Resp: 23720

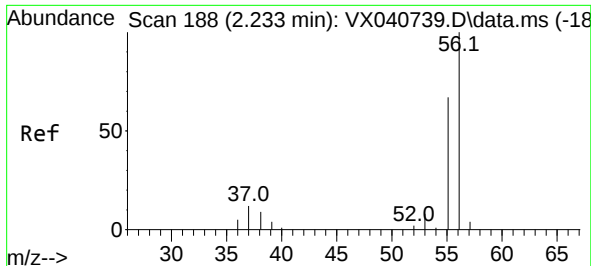
Ion Ratio Lower Upper

96 100

61 178.5 144.6 216.8

98 65.3 50.4 75.6





#13

Acrolein

Concen: 253.786 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 1847

Ion Ratio Lower Upper

56 100

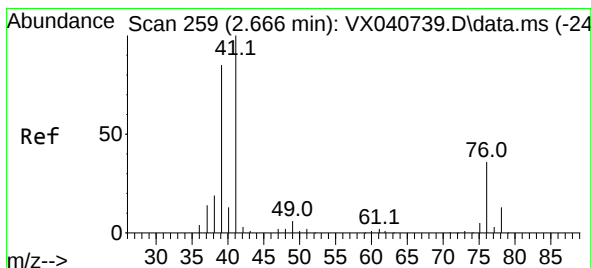
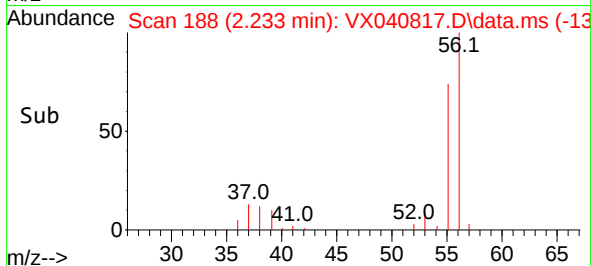
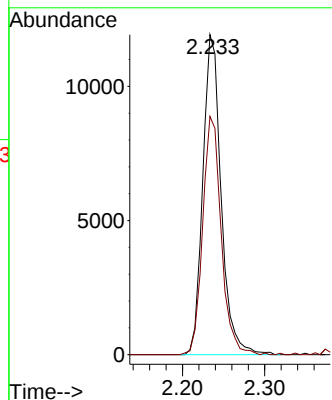
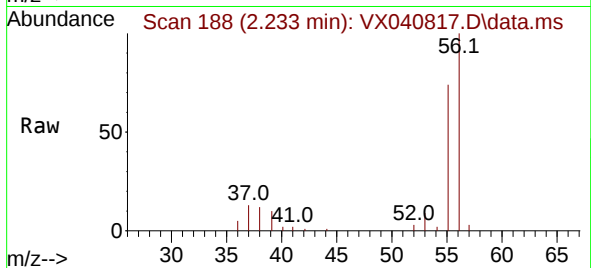
55 75.2 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#14

Allyl chloride

Concen: 45.366 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

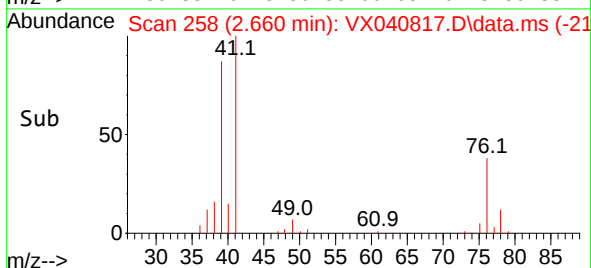
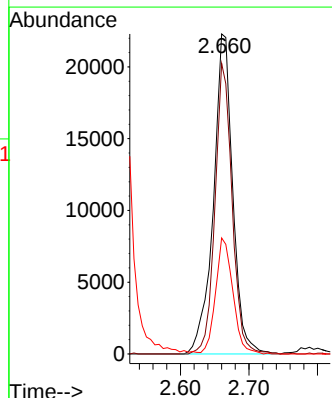
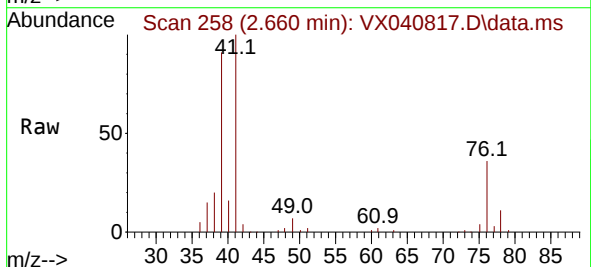
Tgt Ion: 41 Resp: 43865

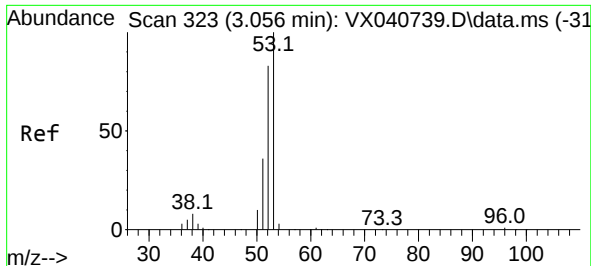
Ion Ratio Lower Upper

41 100

39 80.0 55.8 83.6

76 32.3 24.3 36.5





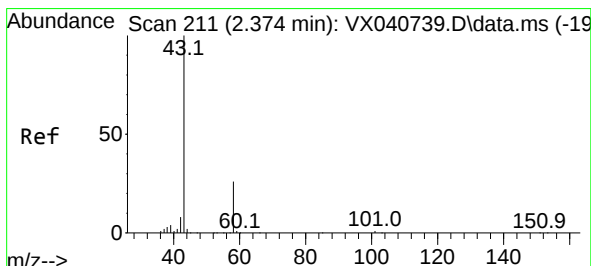
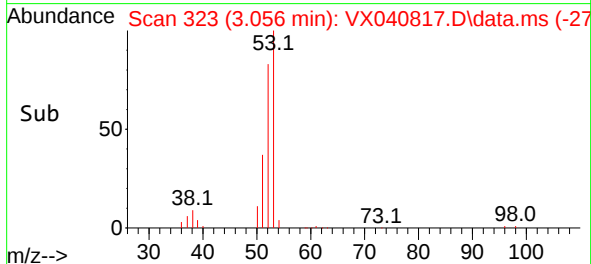
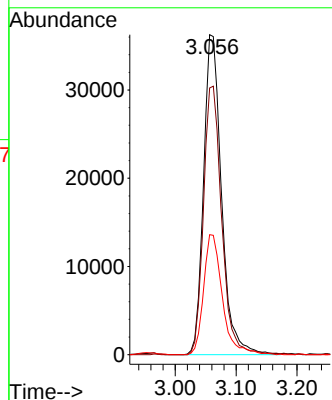
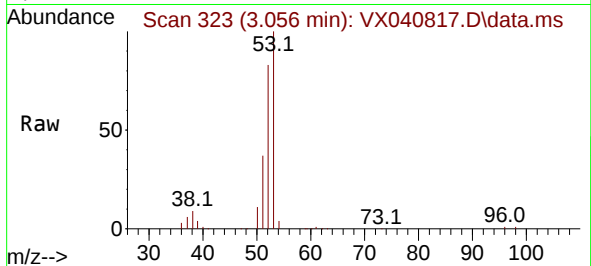
#15
Acrylonitrile
Concen: 245.371 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 7449
Ion Ratio Lower Upper
53 100
52 85.2 66.0 99.0
51 39.2 29.8 44.6

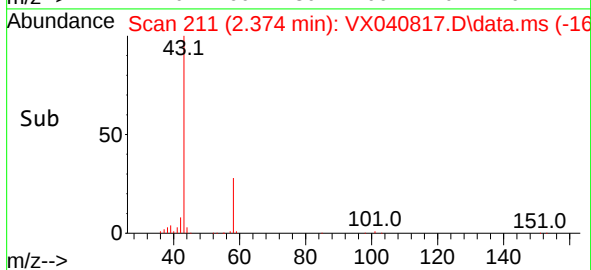
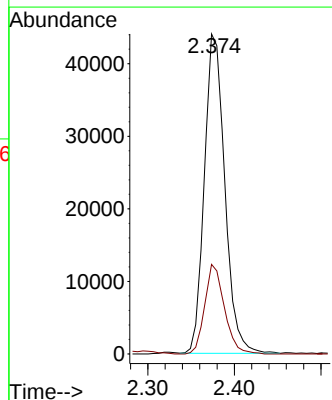
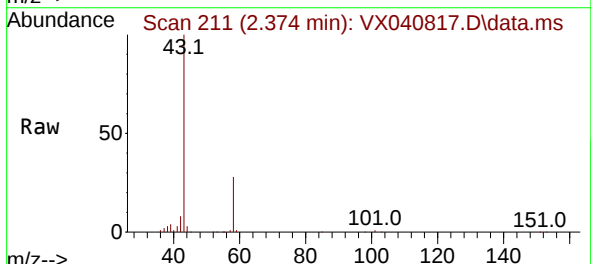
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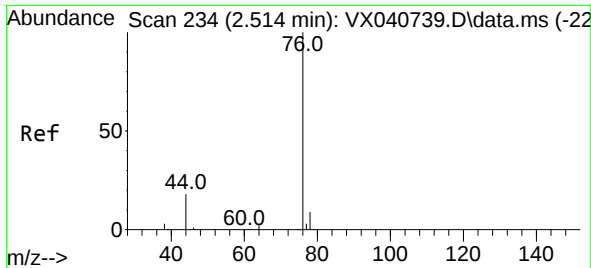
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#16
Acetone
Concen: 265.549 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion: 43 Resp: 72239
Ion Ratio Lower Upper
43 100
58 28.1 21.9 32.9





#17

Carbon Disulfide

Concen: 37.825 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 58618

Ion Ratio Lower Upper

76 100

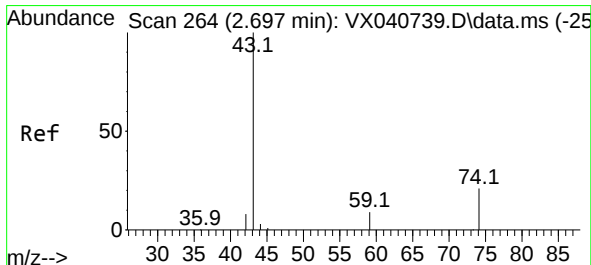
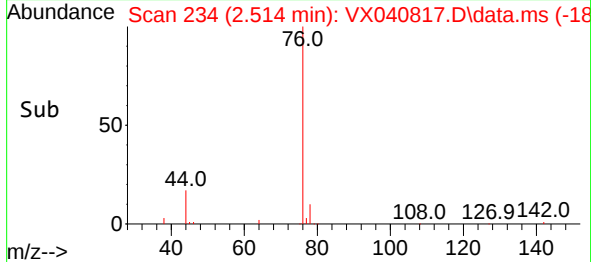
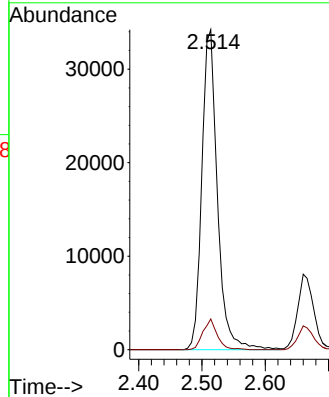
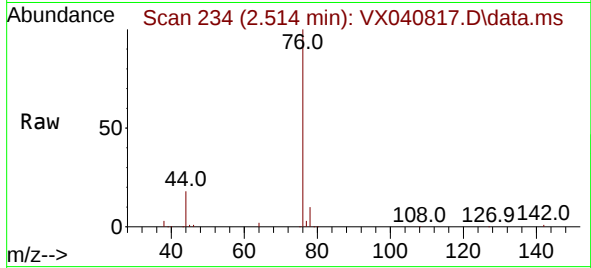
78 9.6 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#18

Methyl Acetate

Concen: 46.357 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX040817.D

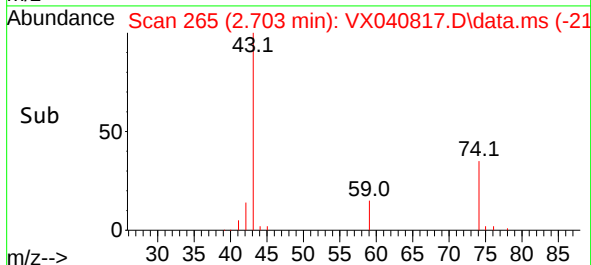
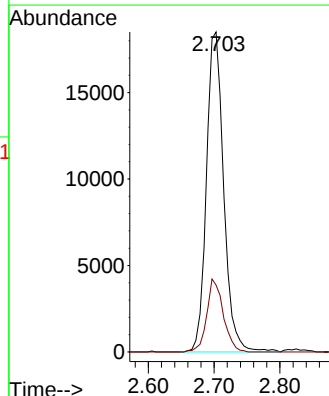
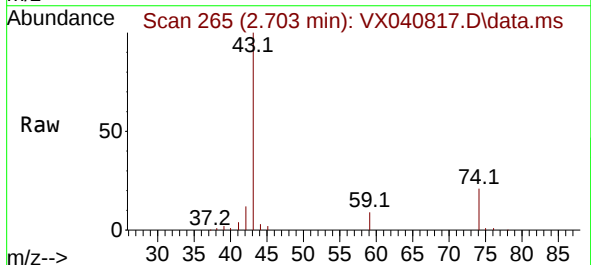
Acq: 27 Mar 2024 16:55

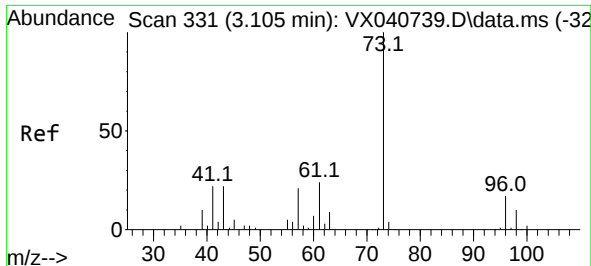
Tgt Ion: 43 Resp: 33798

Ion Ratio Lower Upper

43 100

74 21.8 17.8 26.8





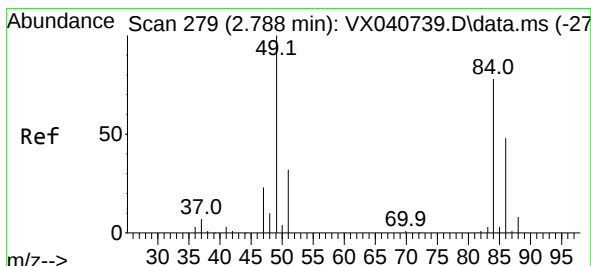
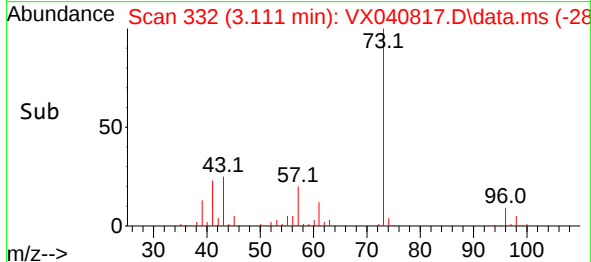
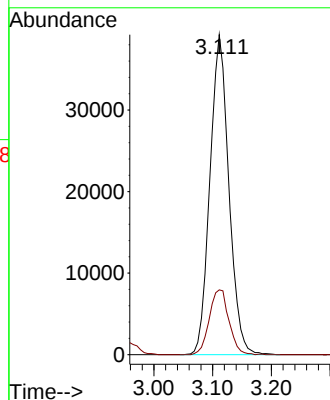
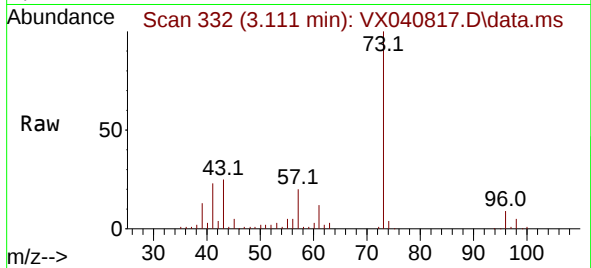
#19
Methyl tert-butyl Ether
Concen: 47.173 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 87840
Ion Ratio Lower Upper
73 100
57 20.2 17.3 25.9

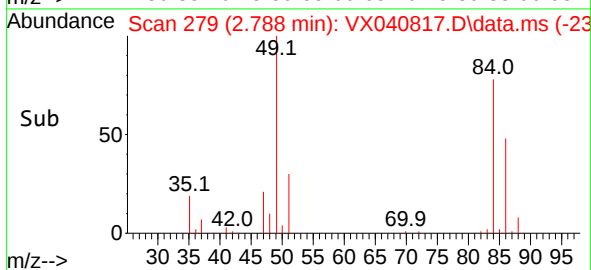
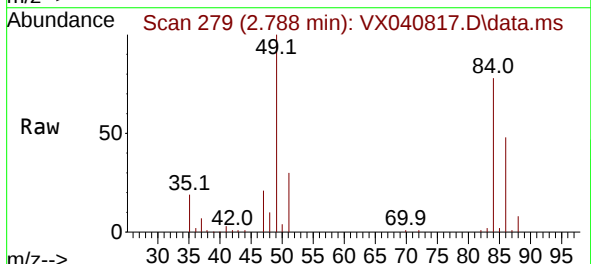
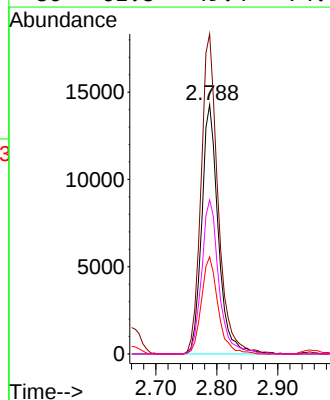
Manual Integrations
APPROVED

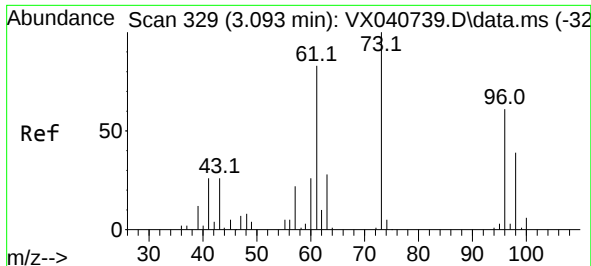
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#20
Methylene Chloride
Concen: 45.345 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion: 84 Resp: 26964
Ion Ratio Lower Upper
84 100
49 128.4 103.6 155.4
51 39.0 33.8 50.6
86 61.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 43.106 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

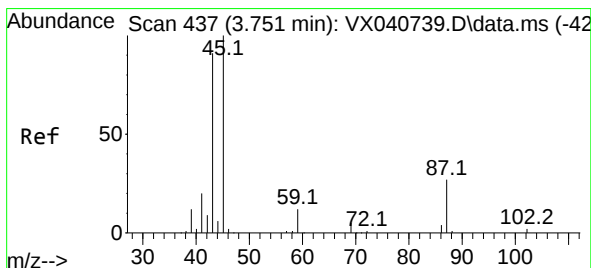
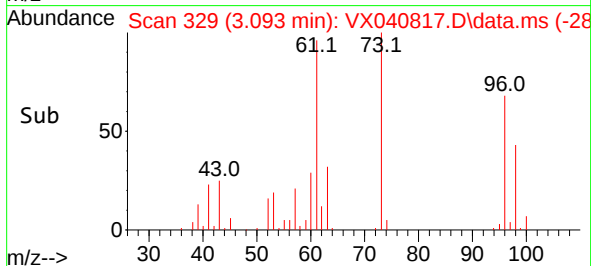
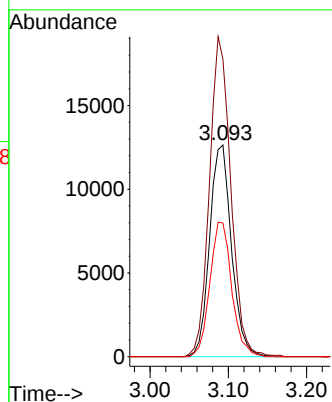
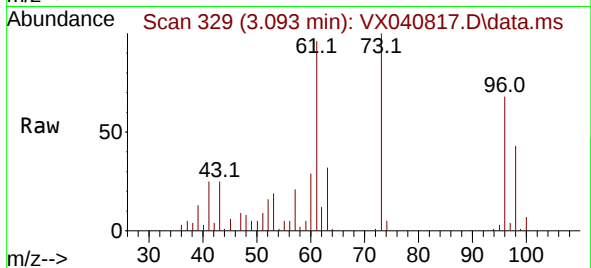
VSTDCCC050EC

Tgt Ion: 96 Resp: 2455
Ion Ratio Lower Upper
96 100
61 140.6 119.2 178.8
98 63.1 48.7 73.1

Manual Integrations

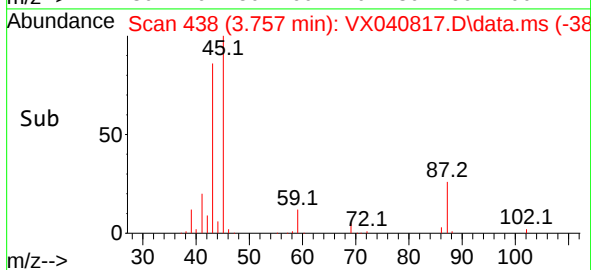
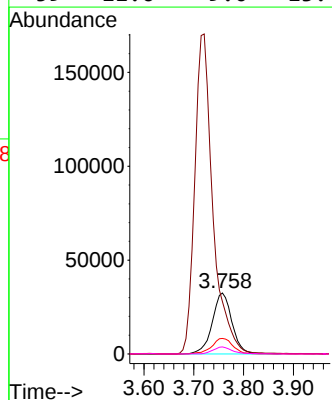
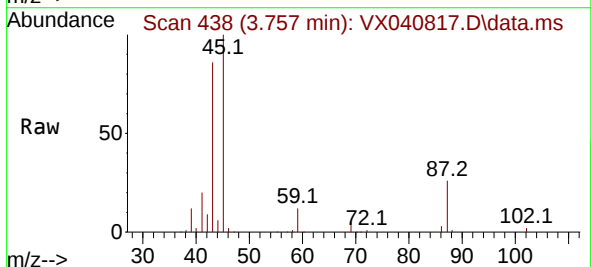
APPROVED

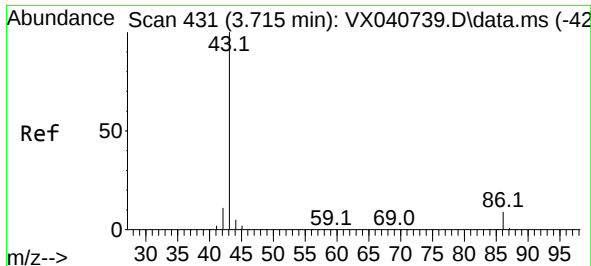
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#22
Diisopropyl ether
Concen: 47.179 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

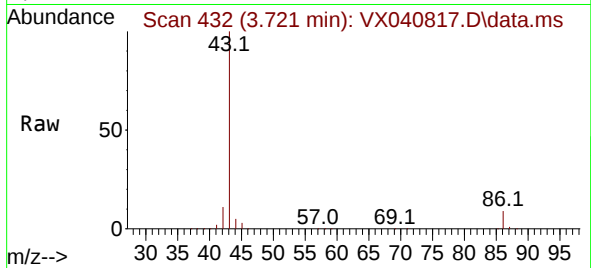
Tgt Ion: 45 Resp: 89016
Ion Ratio Lower Upper
45 100
43 84.9 69.7 104.5
87 25.6 20.8 31.2
59 11.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 241.556 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX040817.D
 Acq: 27 Mar 2024 16:55

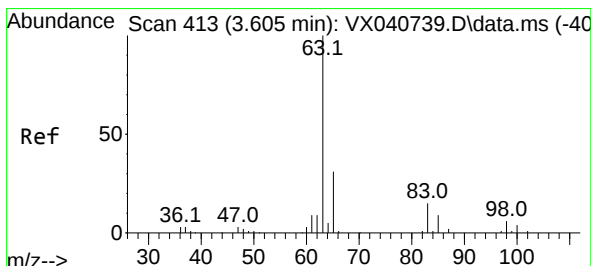
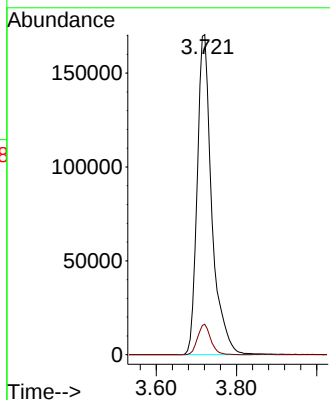
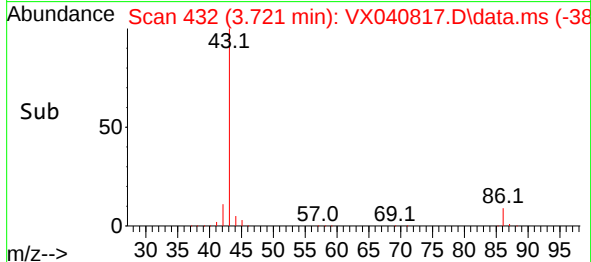
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



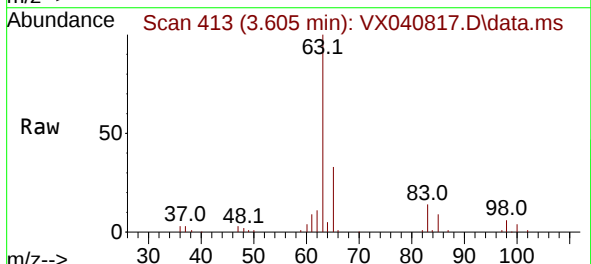
Tgt Ion: 43 Resp: 430800
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8

Manual Integrations
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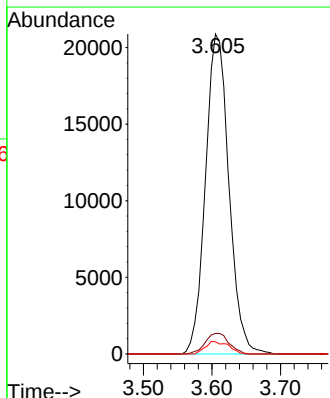
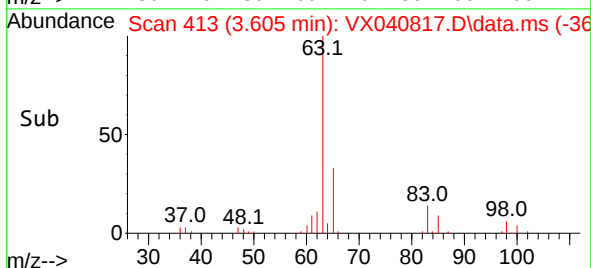
Reviewed By :John Carlone 03/28/2024
 Supervised By :Mahesh Dadoda 03/28/2024

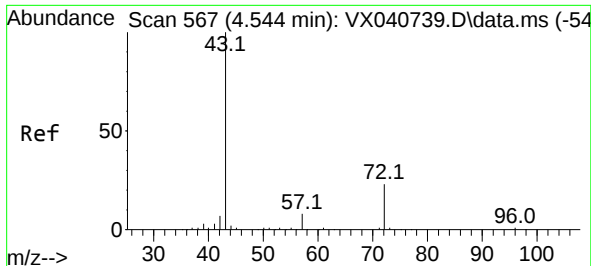


#24
 1,1-Dichloroethane
 Concen: 45.788 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX040817.D
 Acq: 27 Mar 2024 16:55



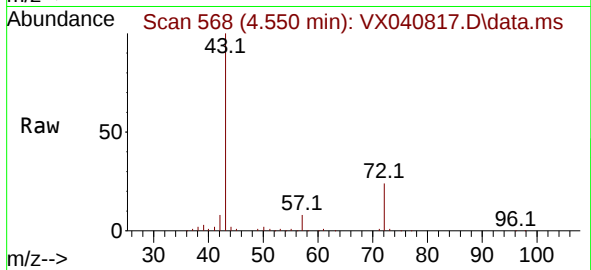
Tgt Ion: 63 Resp: 49621
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.8
 100 3.8 2.1 6.5





#25
2-Butanone
Concen: 261.748 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

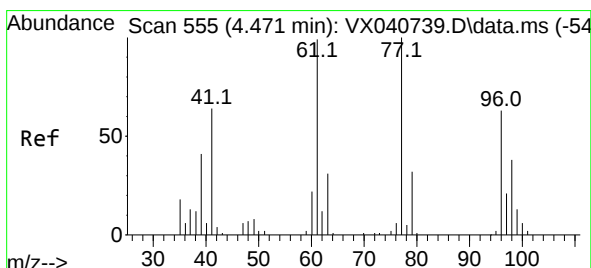
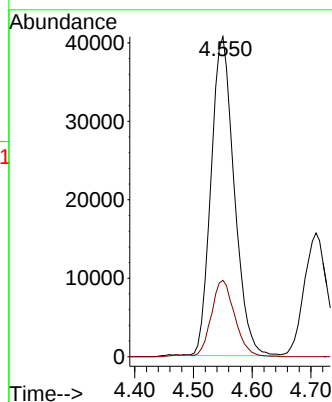
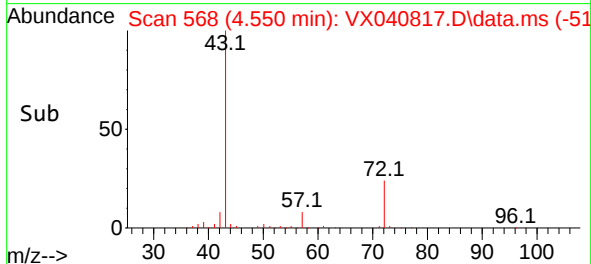
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 111528
Ion Ratio Lower Upper
43 100
72 24.0 19.4 29.2

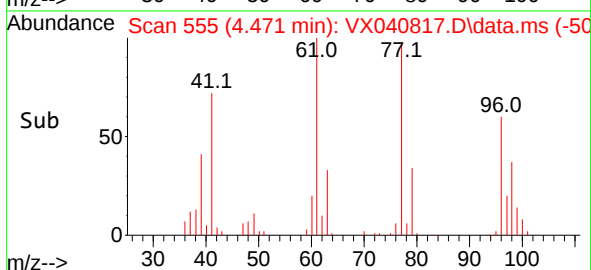
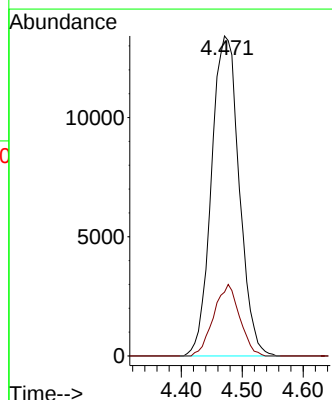
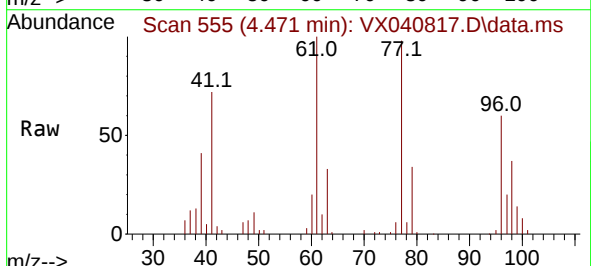
Manual Integrations
APPROVED

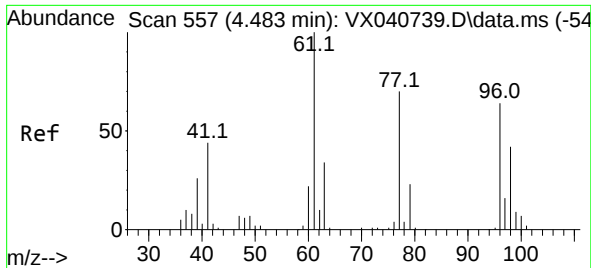
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#26
2,2-Dichloropropane
Concen: 44.874 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion: 77 Resp: 42430
Ion Ratio Lower Upper
77 100
97 20.9 10.8 32.3





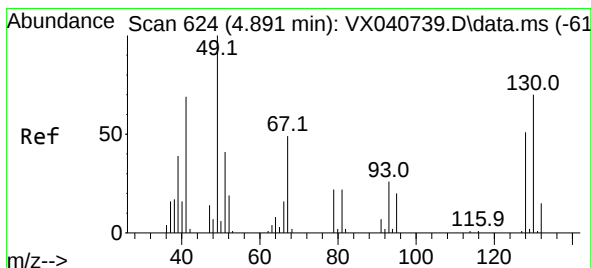
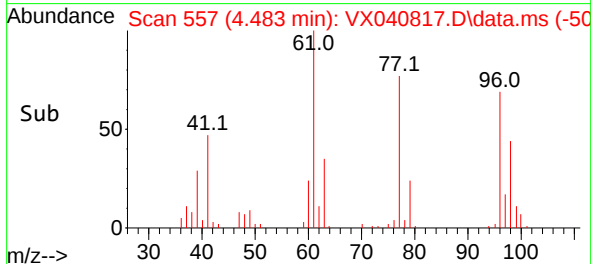
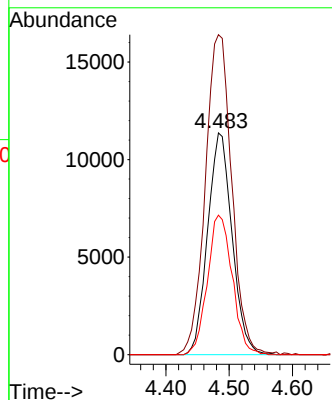
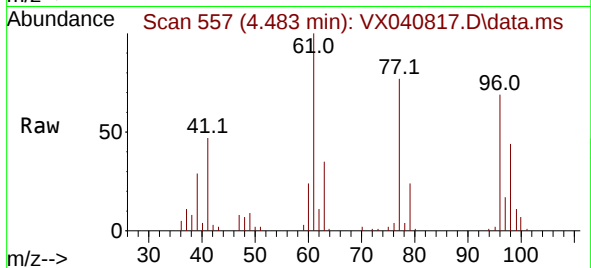
#27
 cis-1,2-Dichloroethene
 Concen: 46.319 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX040817.D
 Acq: 27 Mar 2024 16:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 30559
 Ion Ratio Lower Upper
 96 100
 61 155.9 0.0 312.2
 98 63.7 0.0 129.0

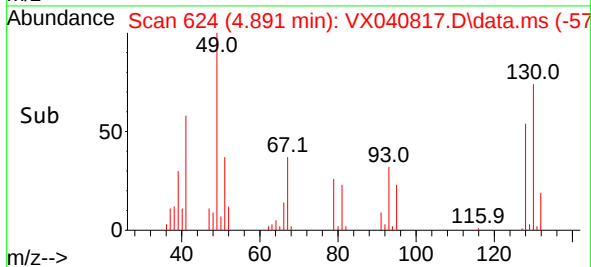
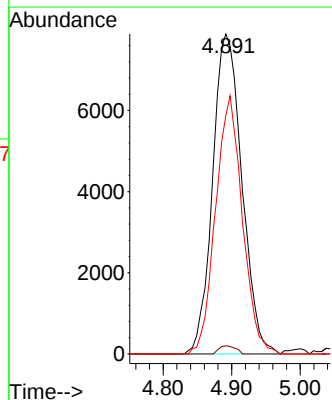
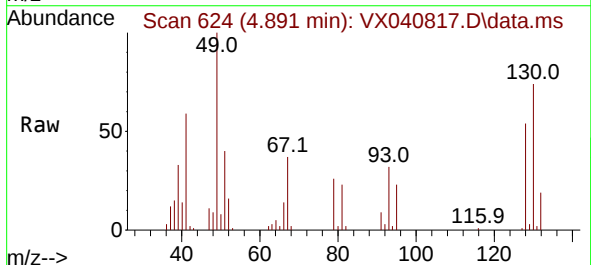
Manual Integrations
 APPROVED

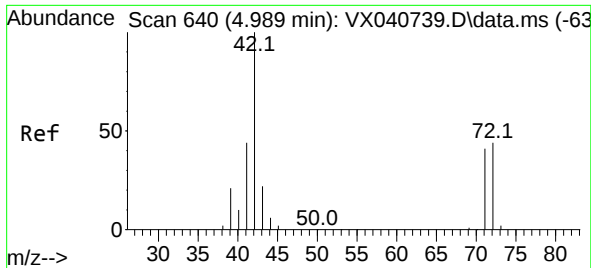
Reviewed By :John Carlone 03/28/2024
 Supervised By :Mahesh Dadoda 03/28/2024



#28
 Bromochloromethane
 Concen: 47.177 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.000 min
 Lab File: VX040817.D
 Acq: 27 Mar 2024 16:55

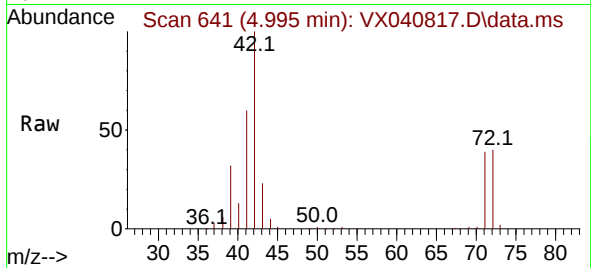
Tgt Ion: 49 Resp: 23383
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 73.8 57.5 86.3





#29
Tetrahydrofuran
Concen: 260.113 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

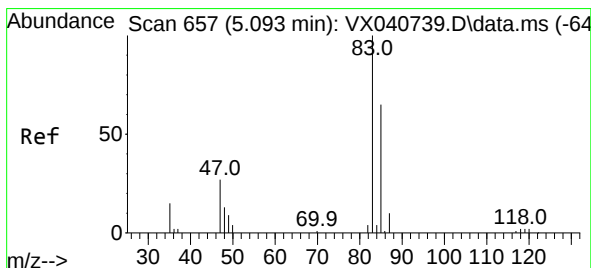
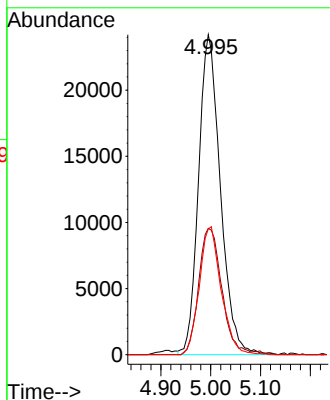
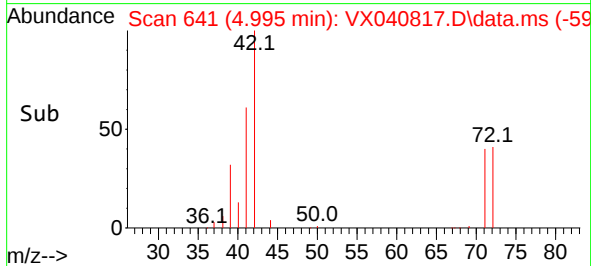
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 73720
Ion Ratio Lower Upper
42 100
72 42.1 34.2 51.4
71 40.0 32.2 48.2

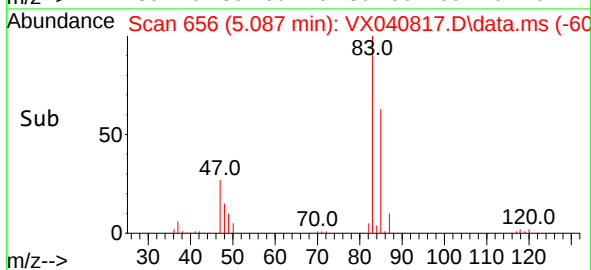
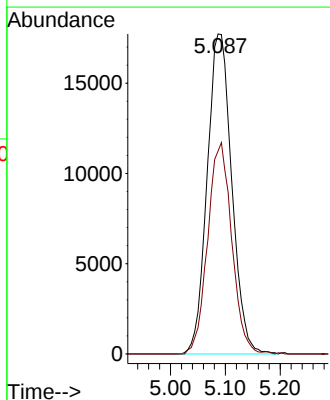
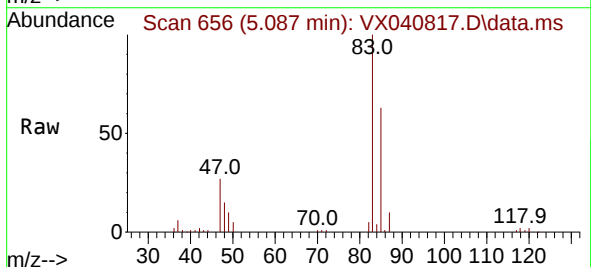
Manual Integrations
APPROVED

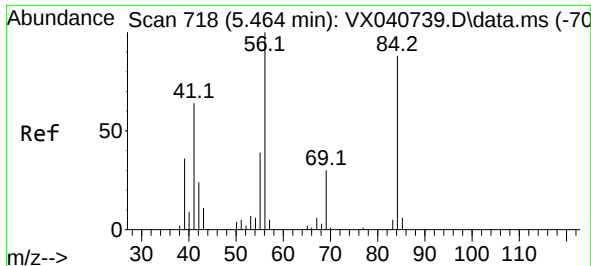
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#30
Chloroform
Concen: 47.654 ug/l
RT: 5.087 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion: 83 Resp: 55289
Ion Ratio Lower Upper
83 100
85 63.4 50.3 75.5





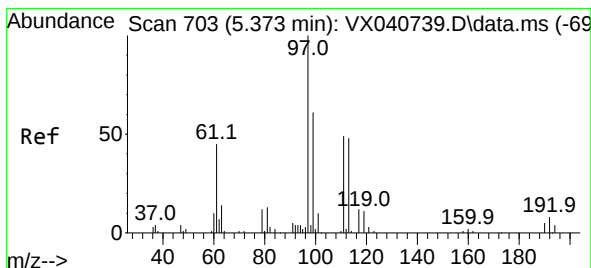
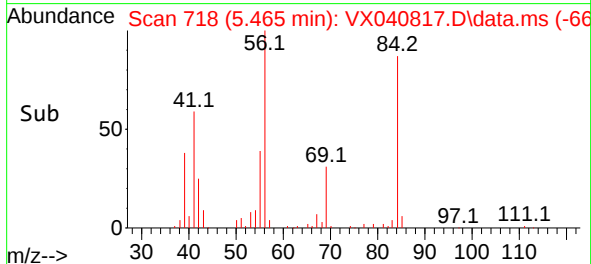
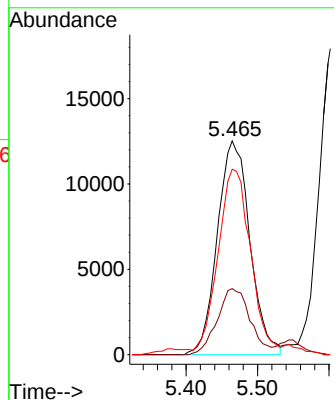
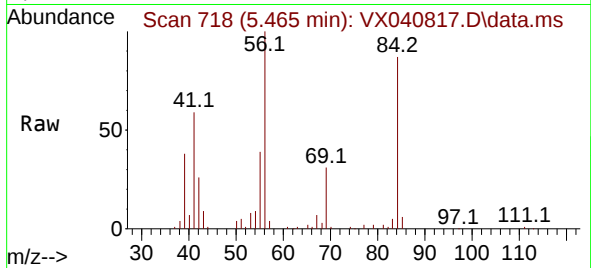
#31
Cyclohexane
Concen: 43.341 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 39550
Ion Ratio Lower Upper
56 100
69 30.9 23.4 35.2
84 84.3 65.9 98.9

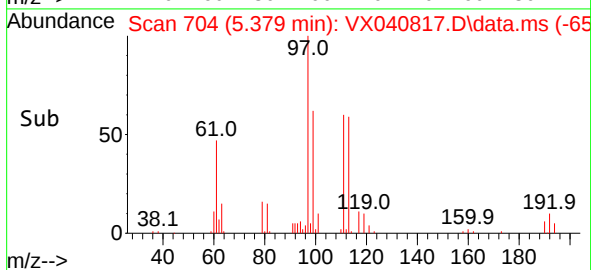
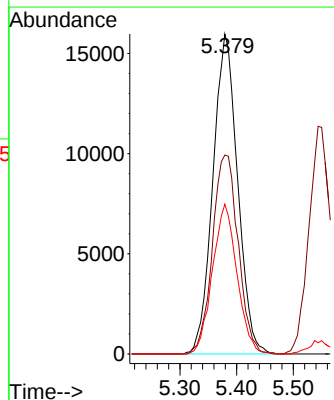
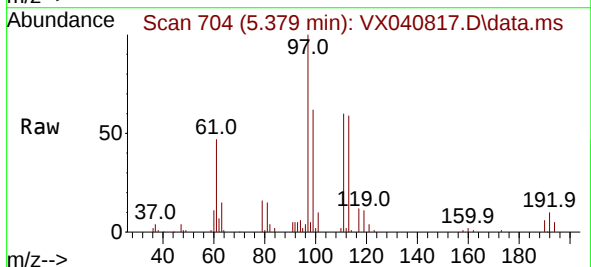
Manual Integrations
APPROVED

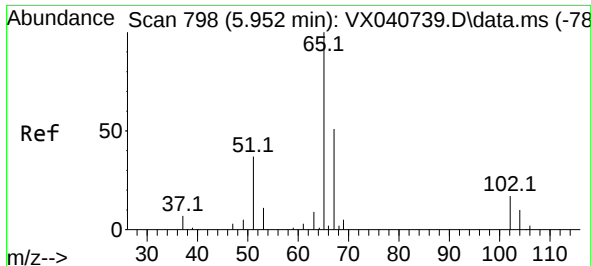
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#32
1,1,1-Trichloroethane
Concen: 48.417 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion: 97 Resp: 48284
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 46.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.769 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 38992

Ion Ratio Lower Upper

65 100

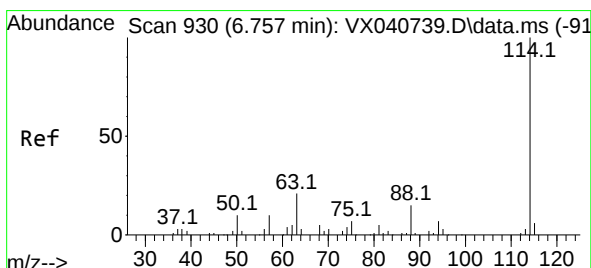
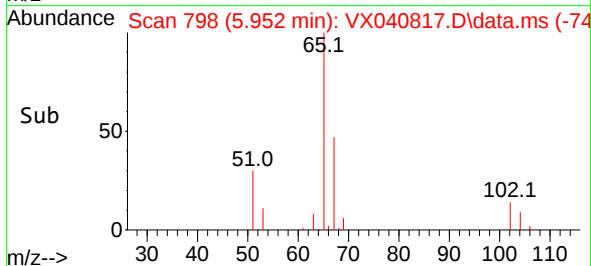
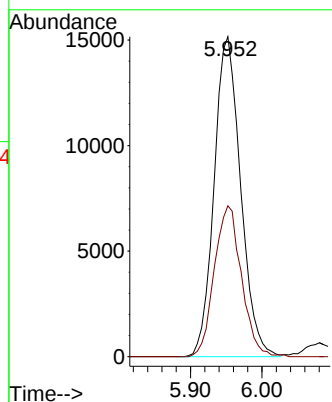
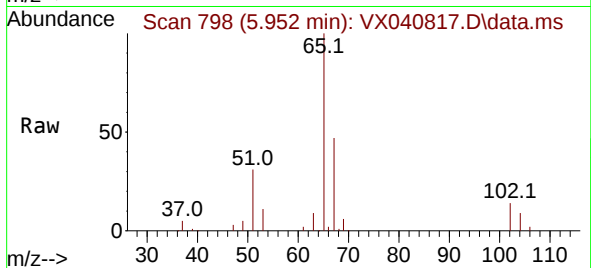
67 48.3 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

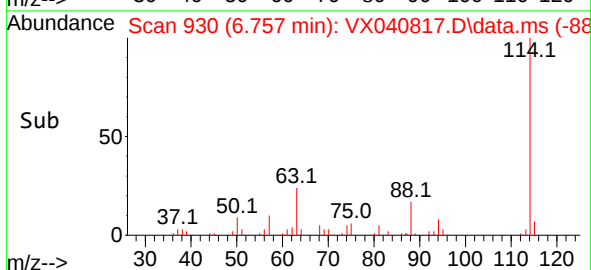
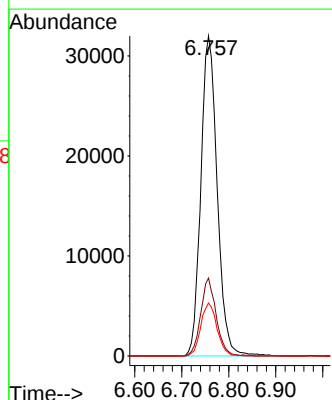
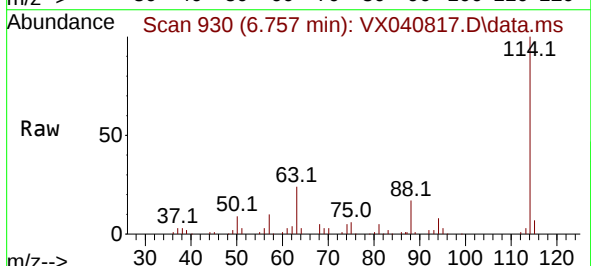
Tgt Ion:114 Resp: 77264

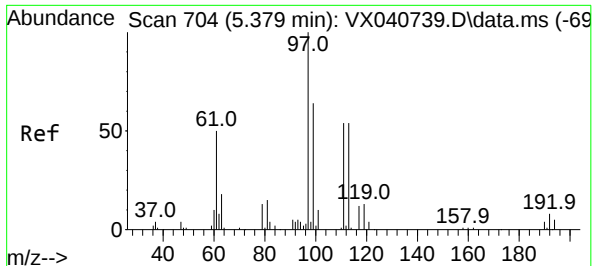
Ion Ratio Lower Upper

114 100

63 24.3 0.0 45.0

88 16.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.700 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

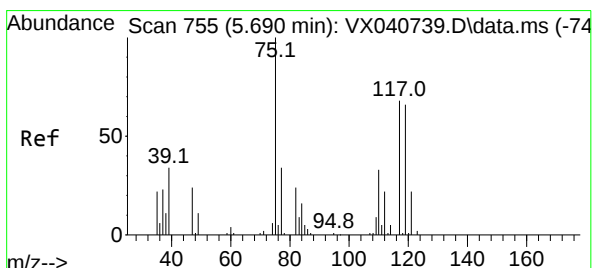
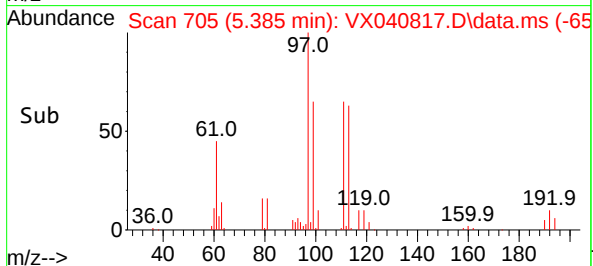
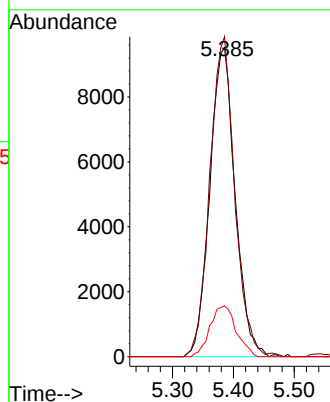
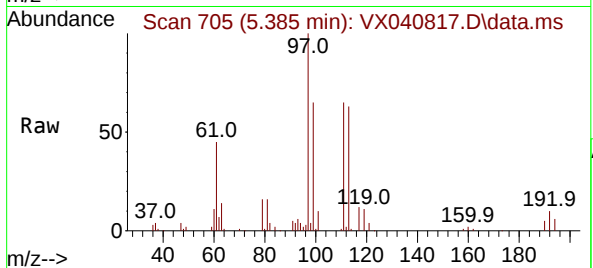
Tgt Ion:	113	Resp:	2757
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.9	124.3
192	17.0	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#36

1,1-Dichloropropene

Concen: 42.700 ug/l

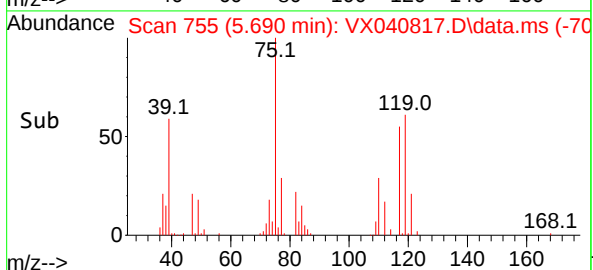
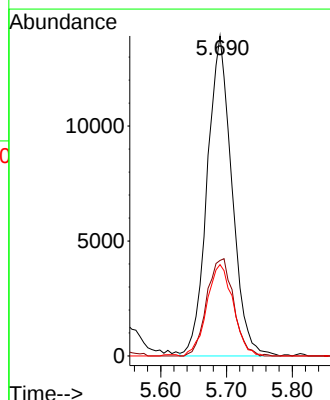
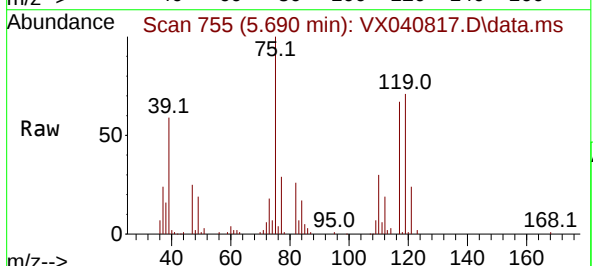
RT: 5.690 min Scan# 755

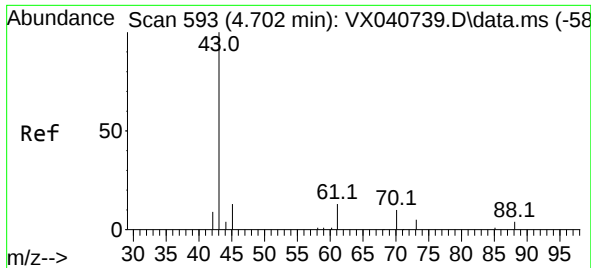
Delta R.T. 0.000 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

Tgt Ion:	75	Resp:	36348
Ion	Ratio	Lower	Upper
75	100		
110	32.9	17.0	50.9
77	30.5	24.7	37.1





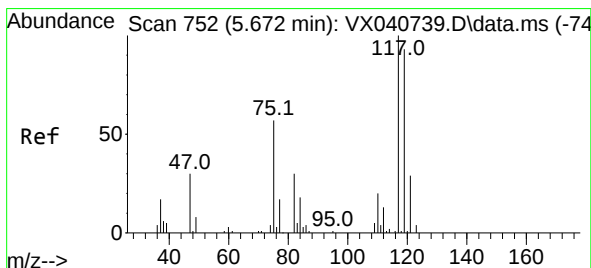
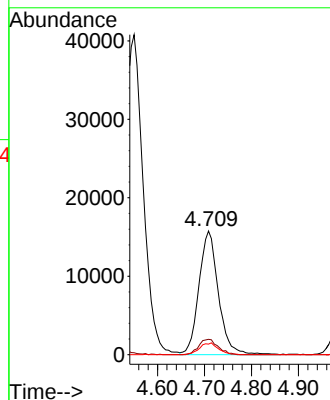
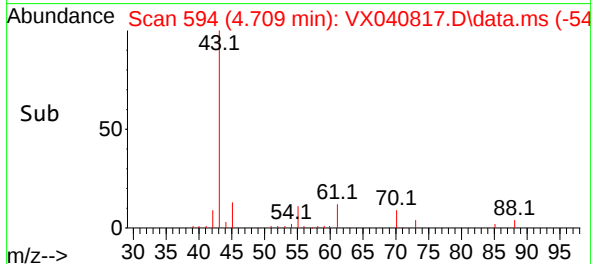
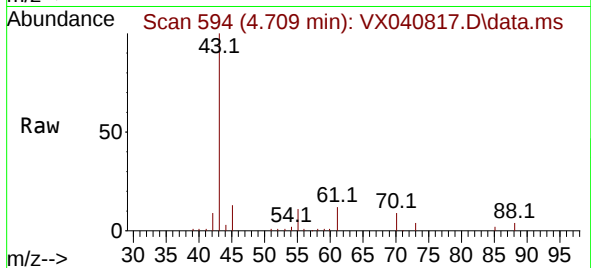
#37
Ethyl Acetate
Concen: 47.016 ug/l
RT: 4.709 min Scan# 593
Delta R.T. 0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 45440
Ion Ratio Lower Upper
43 100
61 12.4 10.6 16.0
70 9.2 8.3 12.5

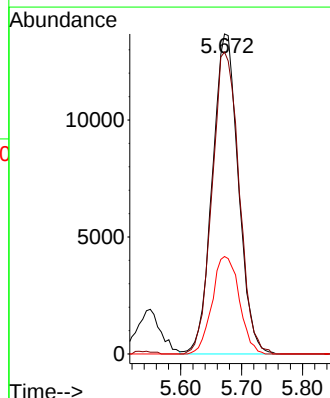
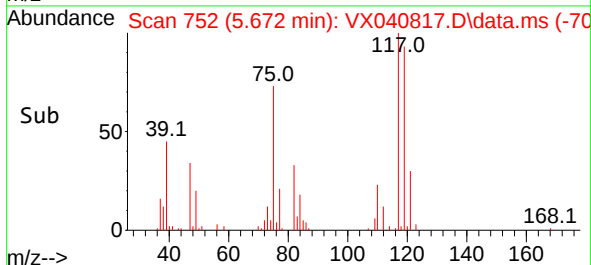
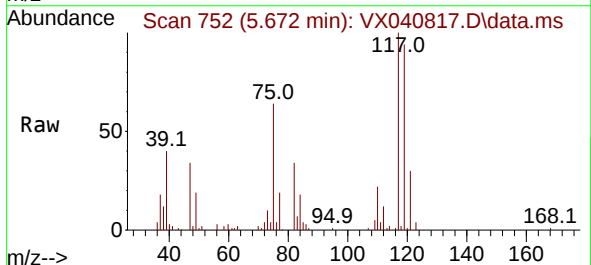
Manual Integrations
APPROVED

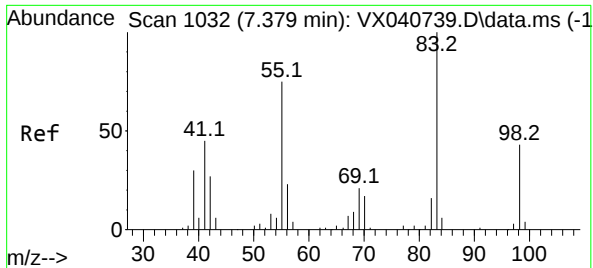
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#38
Carbon Tetrachloride
Concen: 42.453 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion:117 Resp: 40675
Ion Ratio Lower Upper
117 100
119 94.4 78.2 117.2
121 30.5 24.4 36.6





#39
Methylcyclohexane
Concen: 44.901 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

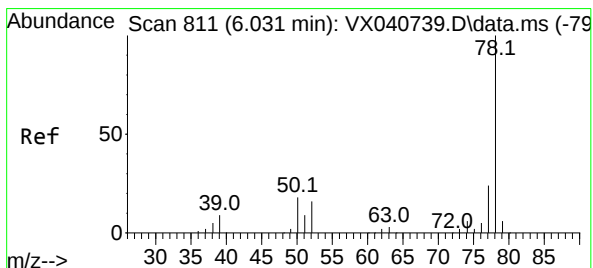
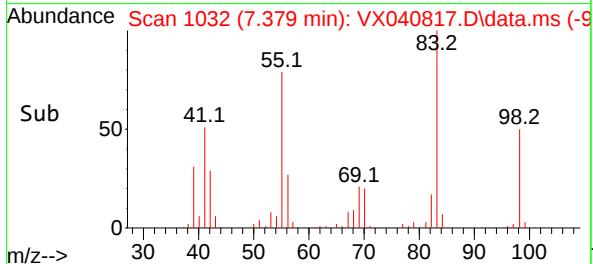
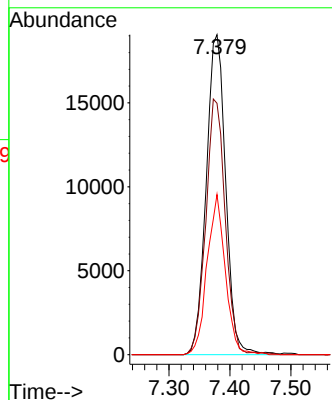
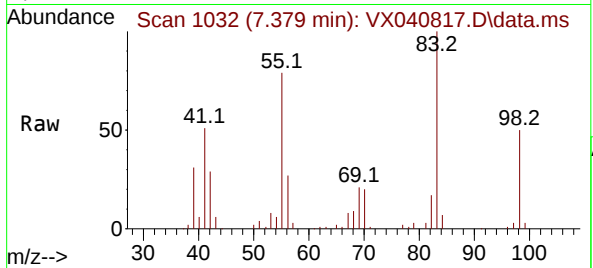
Tgt Ion: 83 Resp: 42344
Ion Ratio Lower Upper
83 100
55 78.5 64.6 97.0
98 50.0 36.7 55.1

Manual Integrations

APPROVED

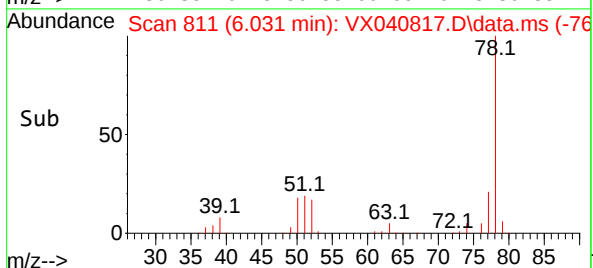
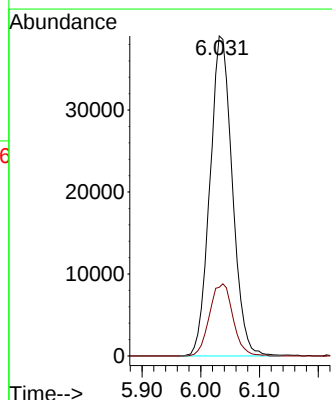
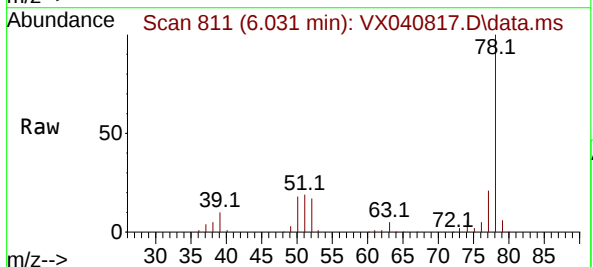
Reviewed By :John Carlone 03/28/2024

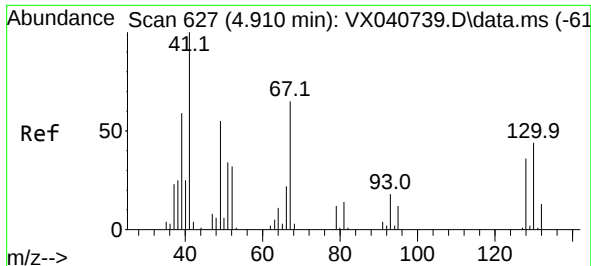
Supervised By :Mahesh Dadoda 03/28/2024



#40
Benzene
Concen: 44.014 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion: 78 Resp: 103456
Ion Ratio Lower Upper
78 100
77 21.5 19.3 28.9





#41
Methacrylonitrile
Concen: 48.607 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

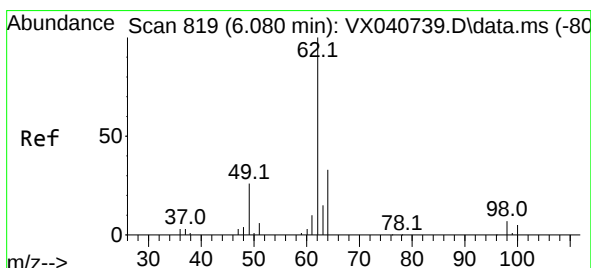
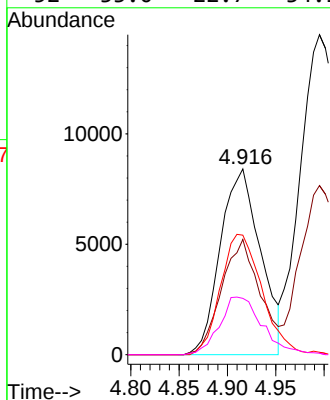
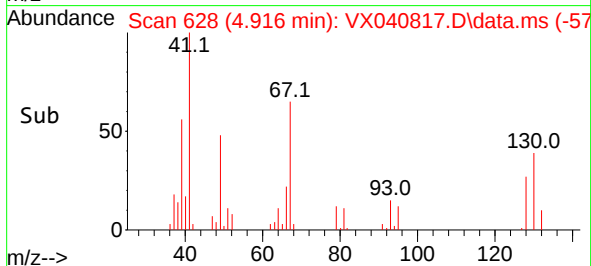
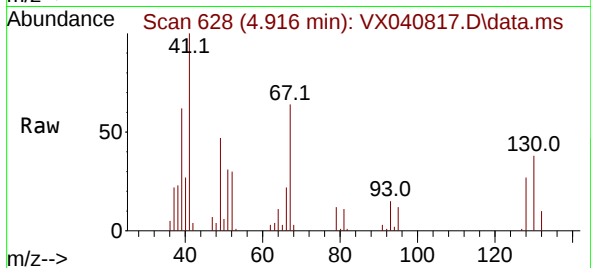
Tgt Ion: 41 Resp: 24290
Ion Ratio Lower Upper
41 100
39 59.5 45.2 67.8
67 66.5 52.6 78.8
52 33.0 22.7 34.1

Manual Integrations

APPROVED

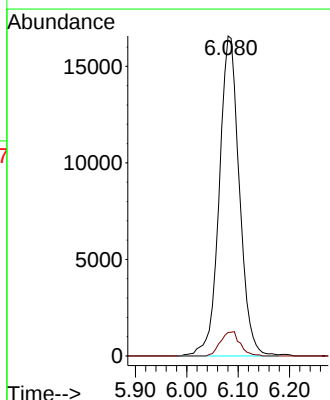
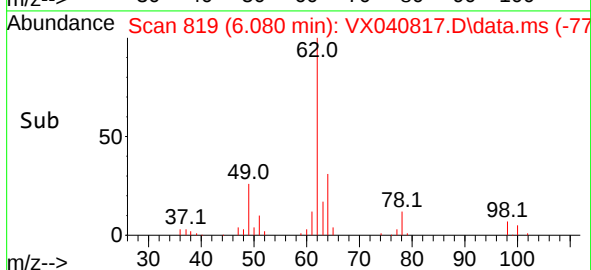
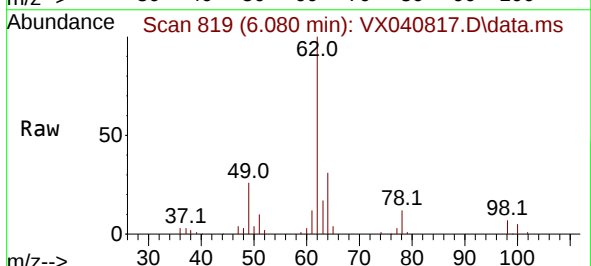
Reviewed By :John Carlone 03/28/2024

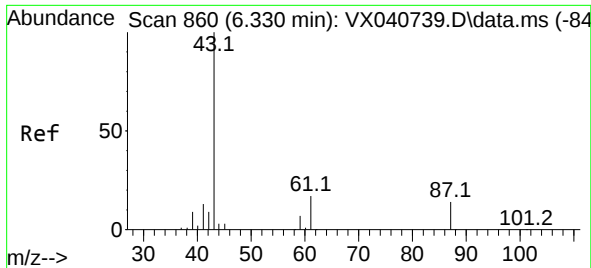
Supervised By :Mahesh Dadoda 03/28/2024



#42
1,2-Dichloroethane
Concen: 47.339 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

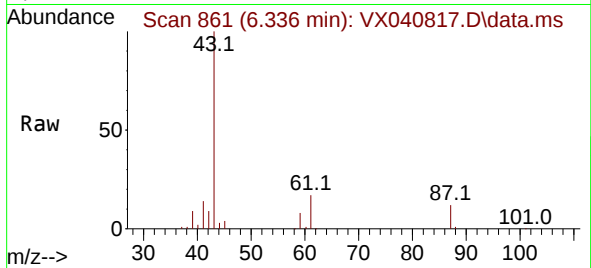
Tgt Ion: 62 Resp: 45027
Ion Ratio Lower Upper
62 100
98 7.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 47.859 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

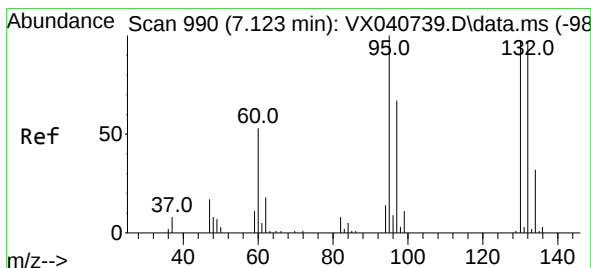
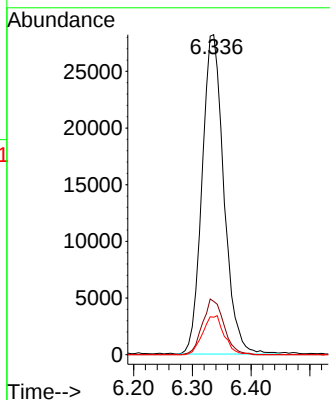
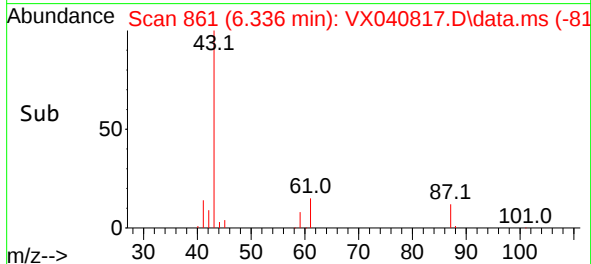
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 72644
Ion Ratio Lower Upper
43 100
61 17.0 15.2 22.8
87 12.0 9.8 14.6

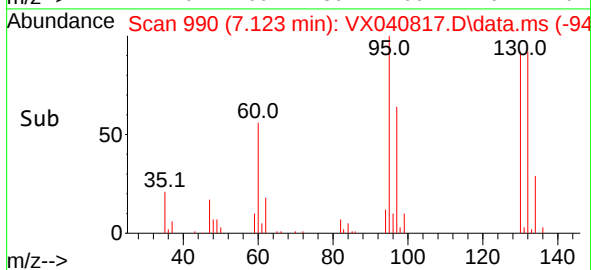
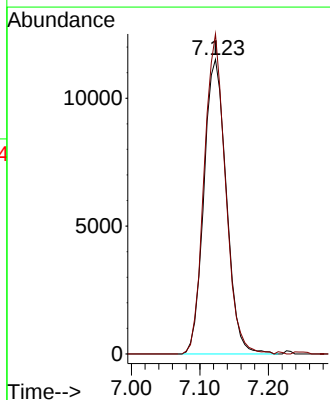
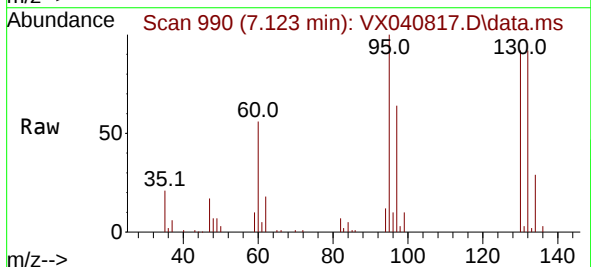
Manual Integrations
APPROVED

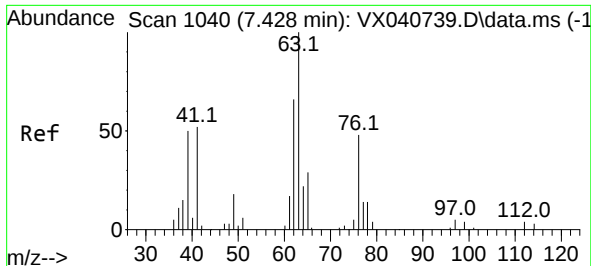
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#44
Trichloroethene
Concen: 46.491 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion:130 Resp: 26193
Ion Ratio Lower Upper
130 100
95 108.6 0.0 204.4





#45

1,2-Dichloropropane

Concen: 47.396 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 26138

Ion Ratio Lower Upper

63 100

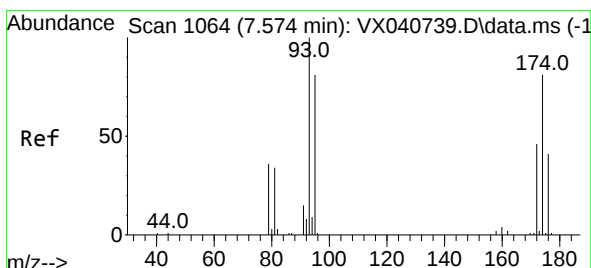
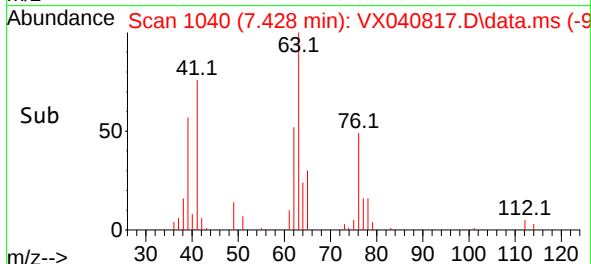
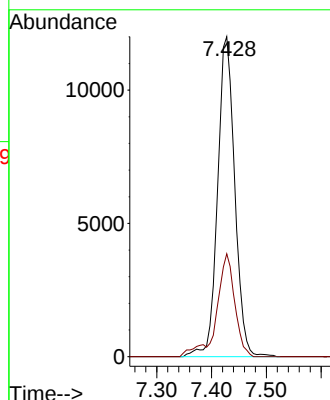
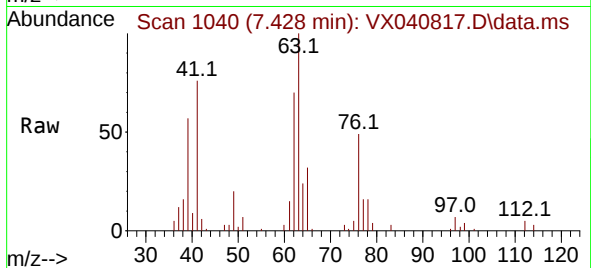
65 32.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#46

Dibromomethane

Concen: 48.748 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

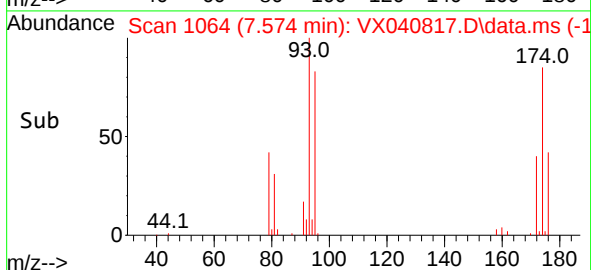
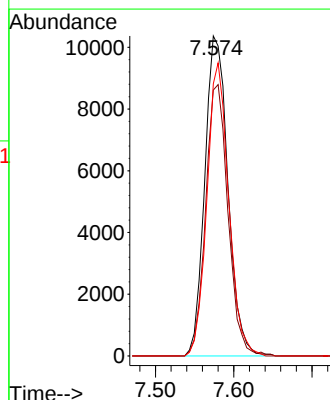
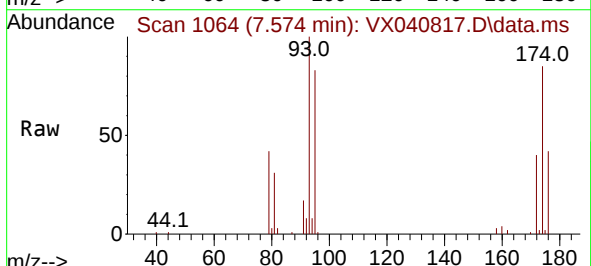
Tgt Ion: 93 Resp: 21292

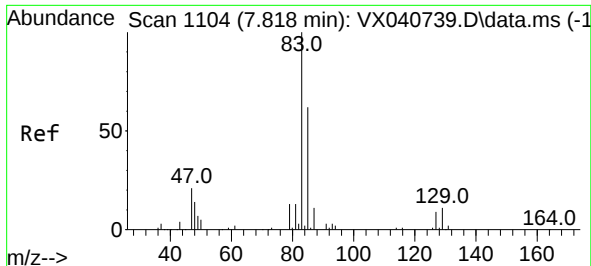
Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

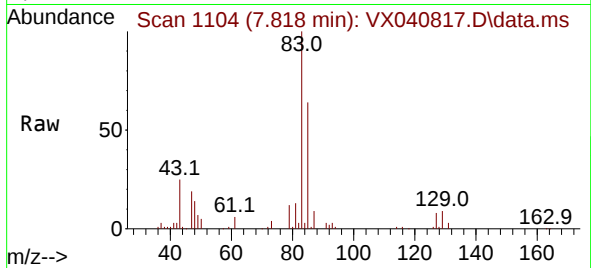
174 86.1 69.4 104.0





#47
Bromodichloromethane
Concen: 49.533 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

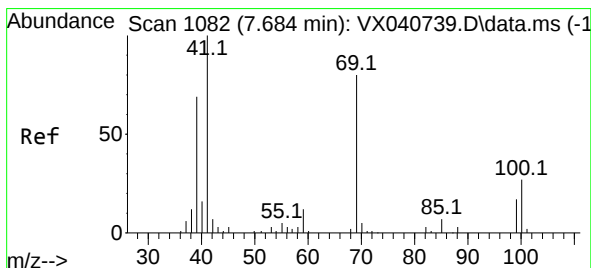
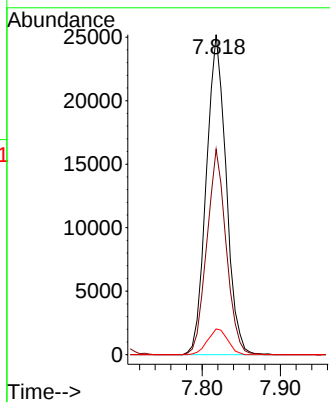
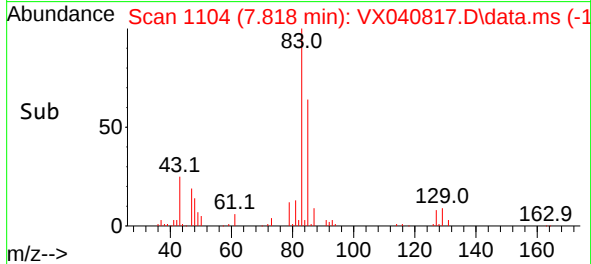
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 4420
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.0 7.1 10.7

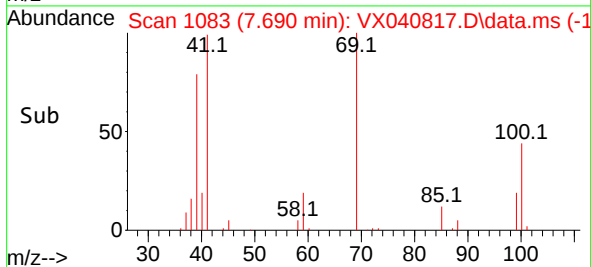
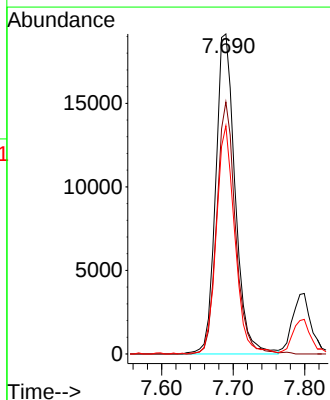
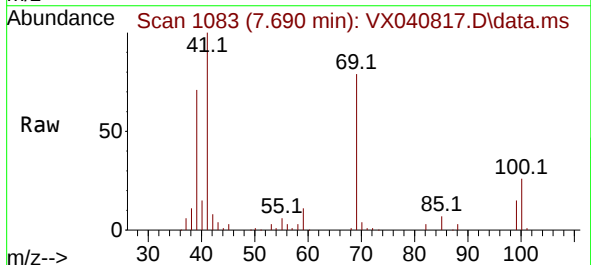
Manual Integrations
APPROVED

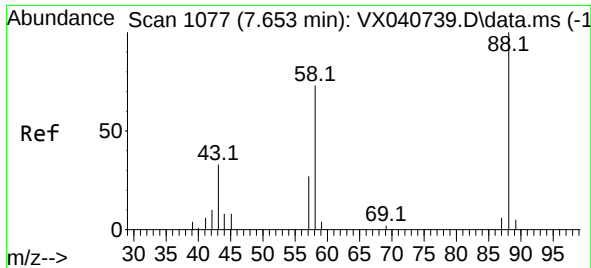
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#48
Methyl methacrylate
Concen: 52.142 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

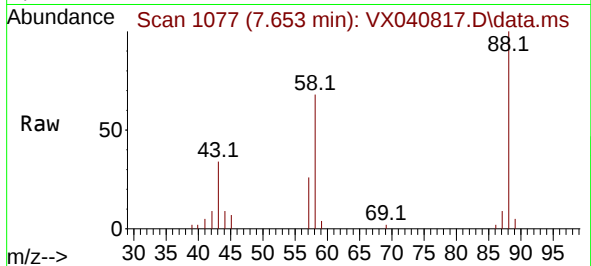
Tgt Ion: 41 Resp: 36174
Ion Ratio Lower Upper
41 100
69 76.0 59.2 88.8
39 68.0 47.7 71.5





#49
1,4-Dioxane
Concen: 1133.283 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

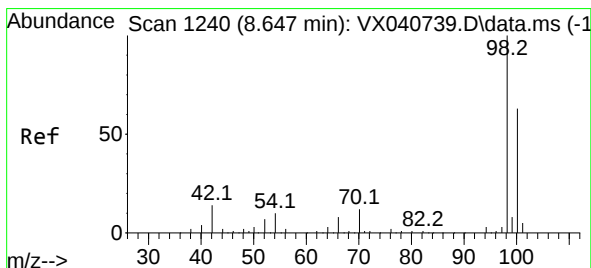
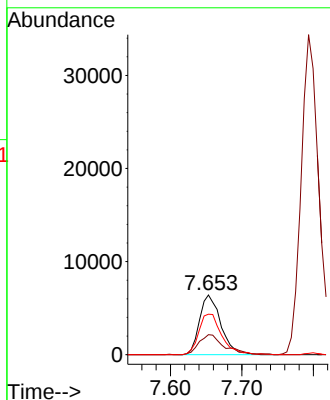
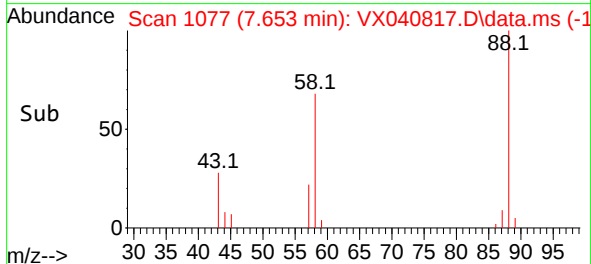
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 13269
Ion Ratio Lower Upper
88 100
43 39.8 0.0 0.0
58 72.6 60.1 90.1

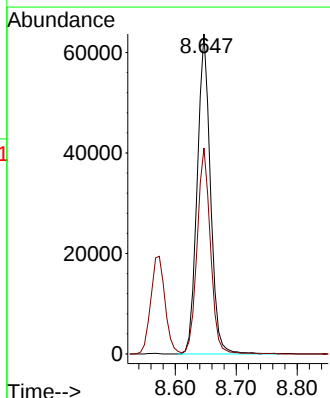
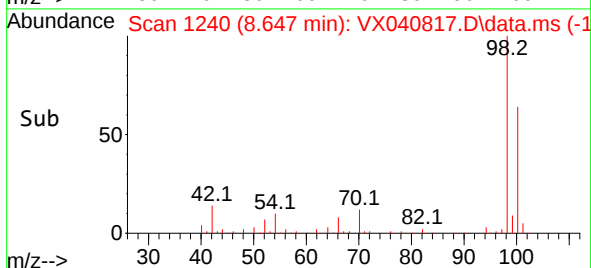
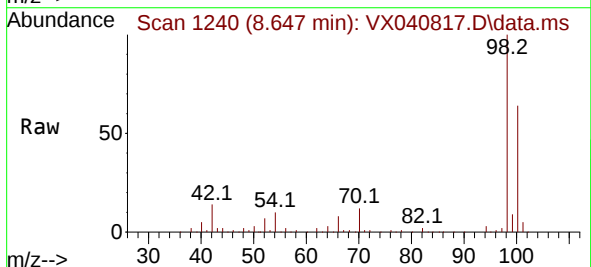
Manual Integrations
APPROVED

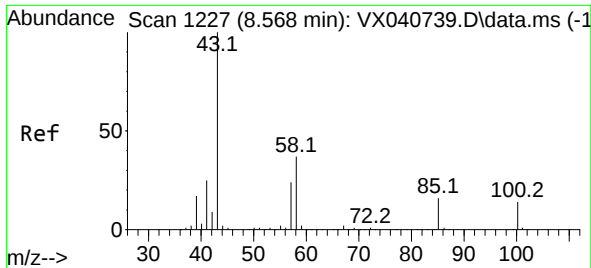
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#50
Toluene-d8
Concen: 48.597 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion: 98 Resp: 96201
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 256.903 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

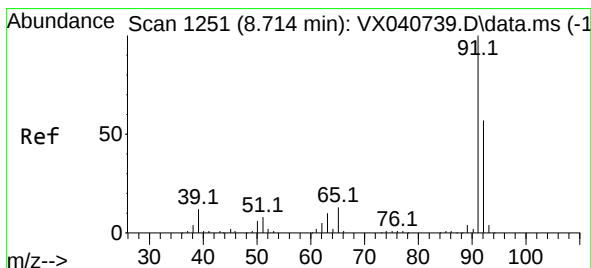
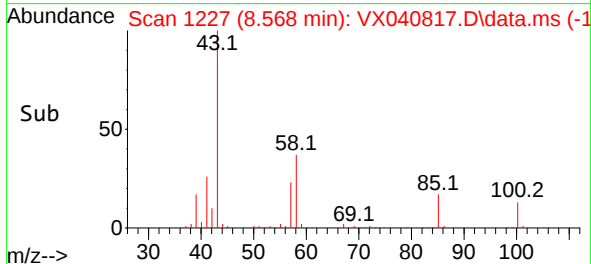
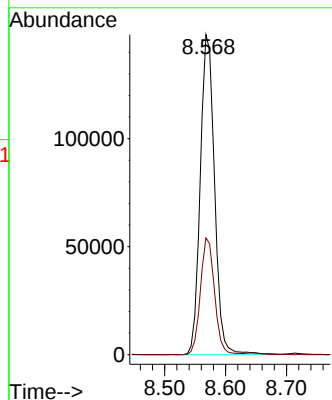
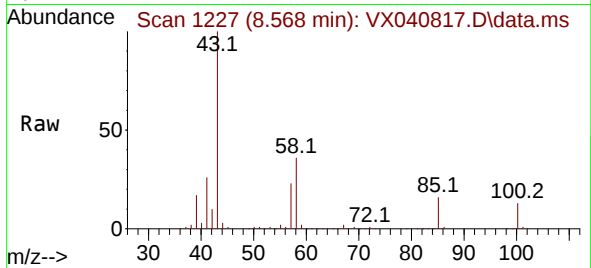
VSTDCCC050EC

Tgt Ion: 43 Resp: 241828
Ion Ratio Lower Upper
43 100
58 36.0 30.4 45.6

Manual Integrations

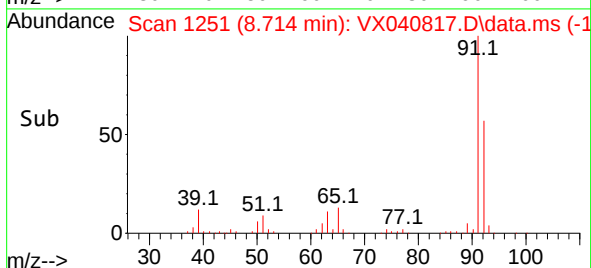
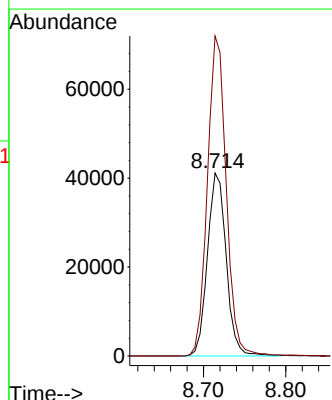
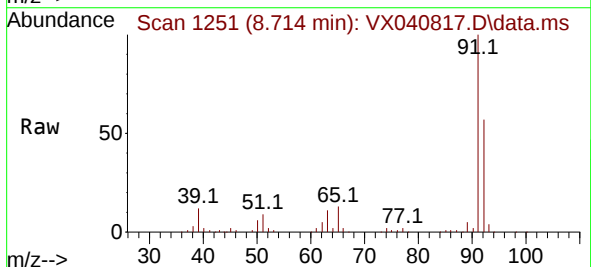
APPROVED

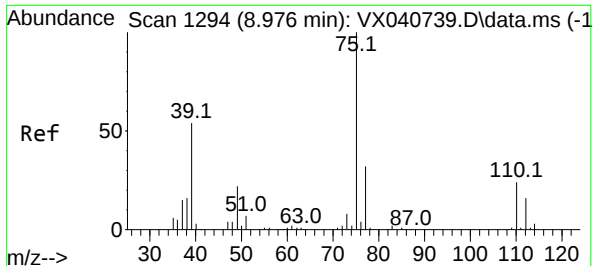
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#52
Toluene
Concen: 46.557 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion: 92 Resp: 65266
Ion Ratio Lower Upper
92 100
91 175.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 47.169 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 43548

Ion Ratio Lower Upper

75 100

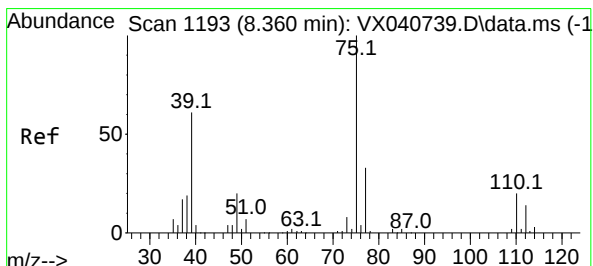
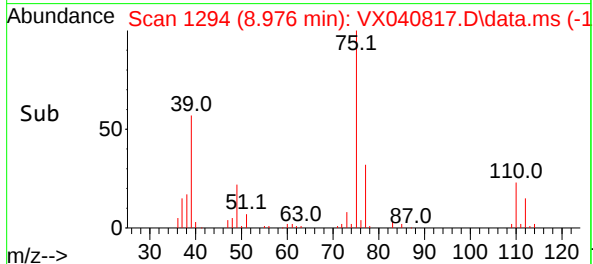
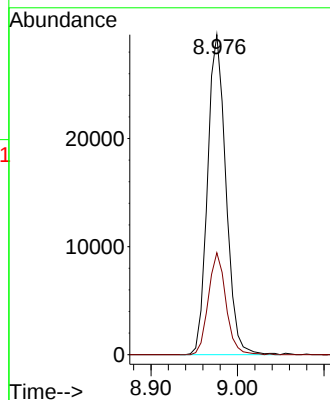
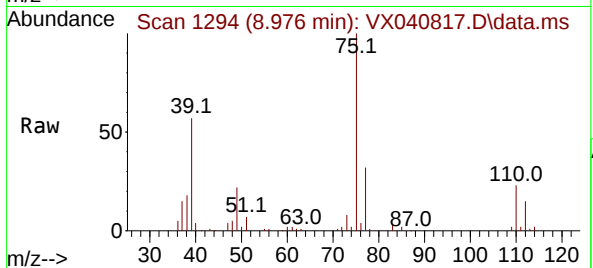
77 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#54

cis-1,3-Dichloropropene

Concen: 46.069 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

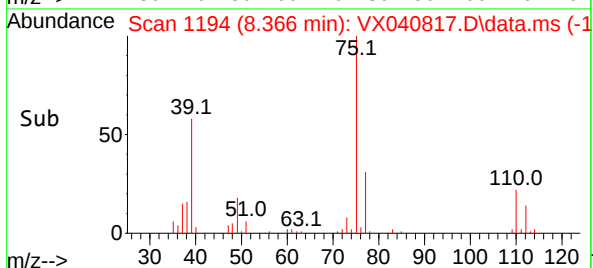
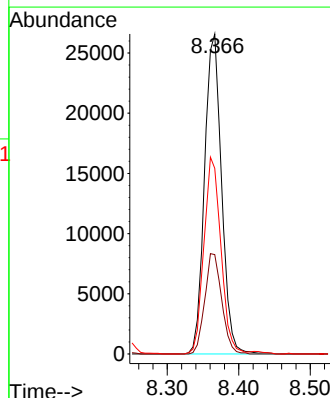
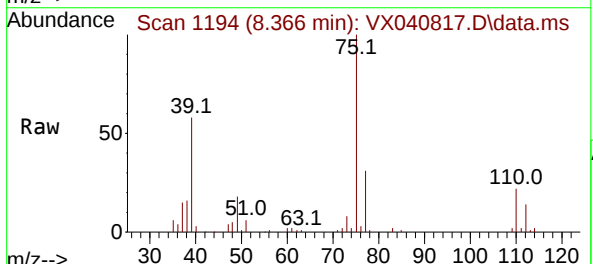
Tgt Ion: 75 Resp: 43988

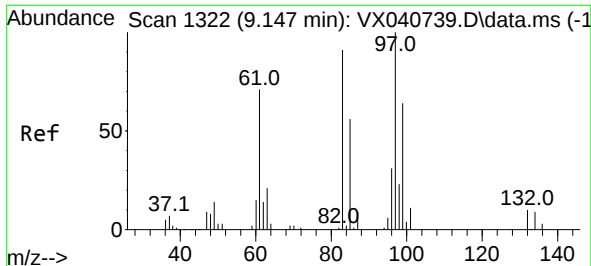
Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9

39 58.0 46.7 70.1





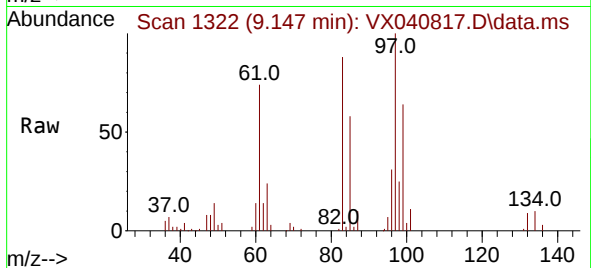
#55
1,1,2-Trichloroethane
Concen: 47.166 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



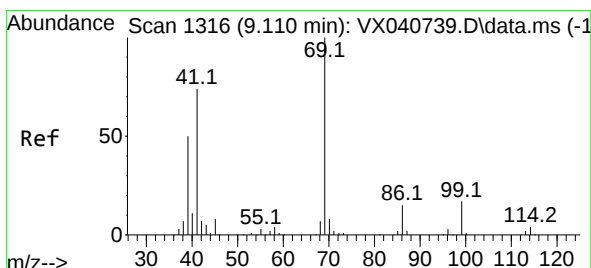
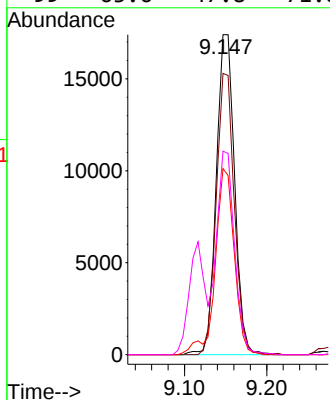
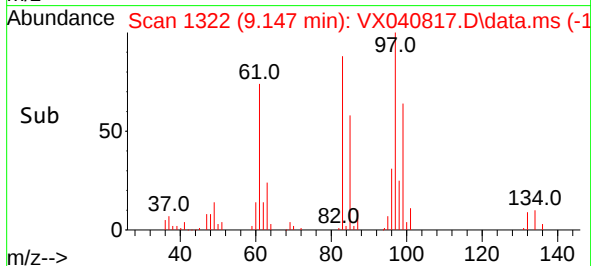
Tgt Ion: 97 Resp: 26920
Ion Ratio Lower Upper
97 100
83 87.9 65.8 98.8
85 58.2 41.6 62.4
99 63.6 47.8 71.8

Manual Integrations

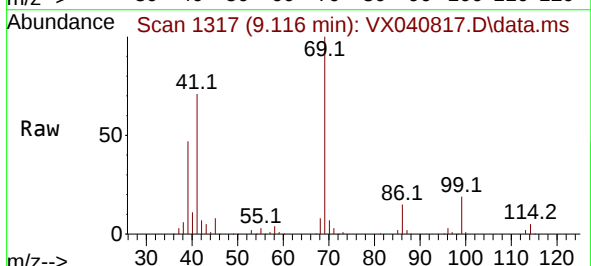
APPROVED

Reviewed By :John Carlone 03/28/2024

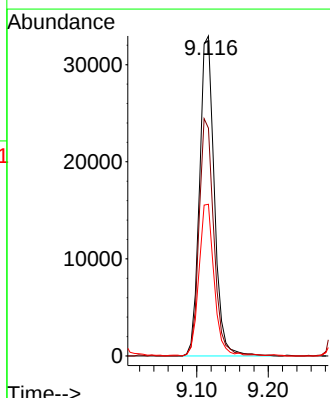
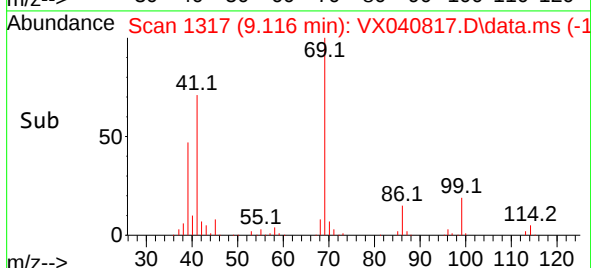
Supervised By :Mahesh Dadoda 03/28/2024

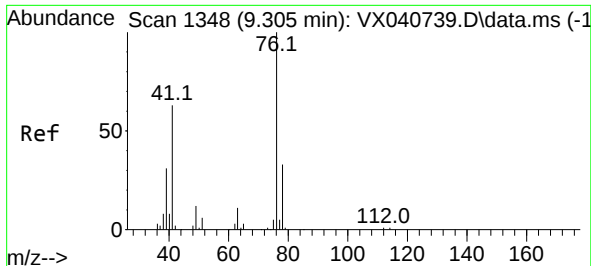


#56
Ethyl methacrylate
Concen: 49.611 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55



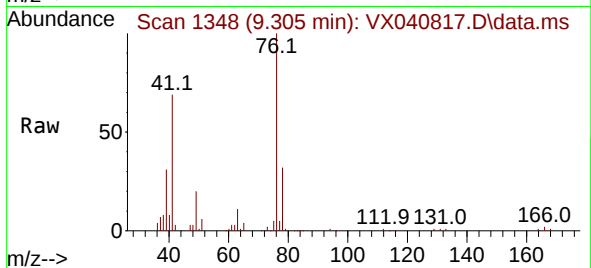
Tgt Ion: 69 Resp: 47340
Ion Ratio Lower Upper
69 100
41 74.3 56.8 85.2
39 49.0 32.0 48.0#





#57
1,3-Dichloropropane
Concen: 47.118 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

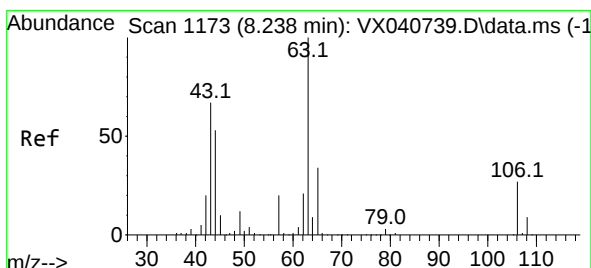
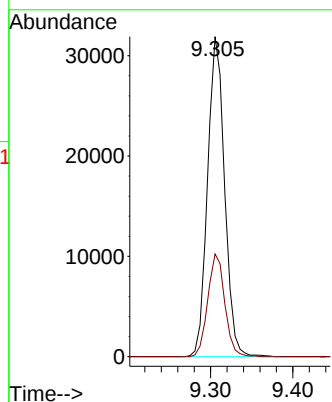
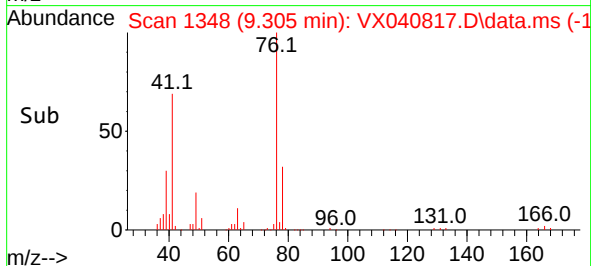
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 4590
Ion Ratio Lower Upper
76 100
78 32.0 26.1 39.1

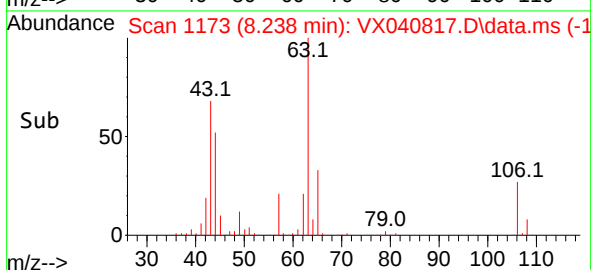
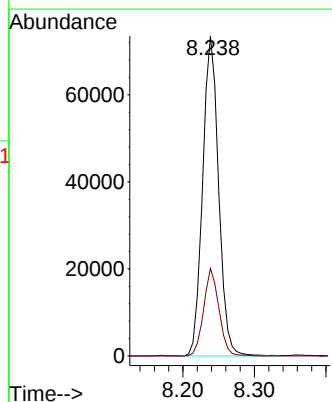
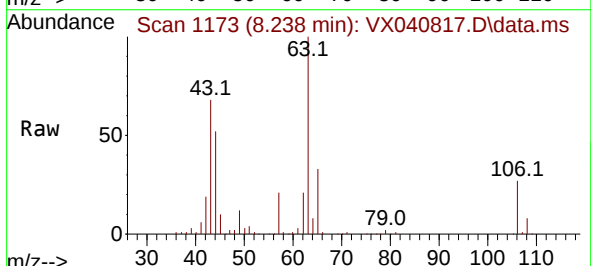
Manual Integrations
APPROVED

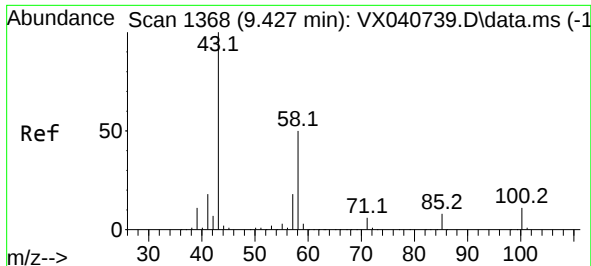
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#58
2-Chloroethyl Vinyl ether
Concen: 227.708 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion: 63 Resp: 114036
Ion Ratio Lower Upper
63 100
106 26.2 22.5 33.7





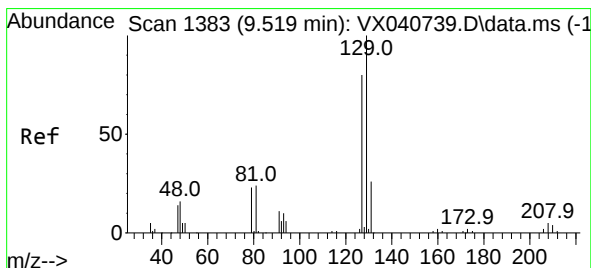
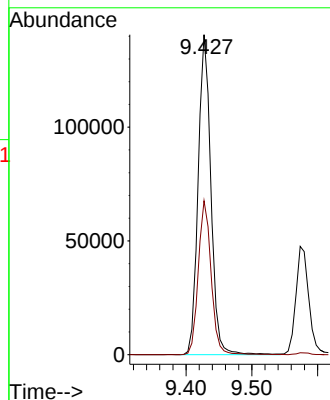
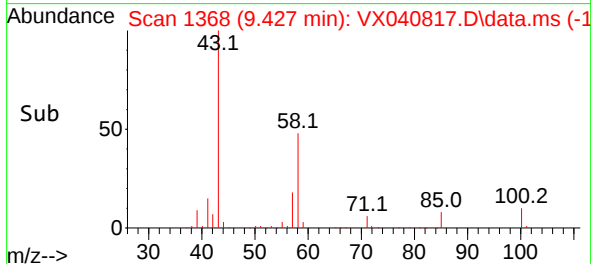
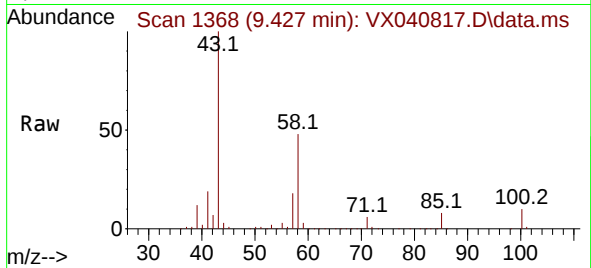
#59
2-Hexanone
Concen: 259.692 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 18936
Ion Ratio Lower Upper
43 100
58 48.5 26.2 78.5

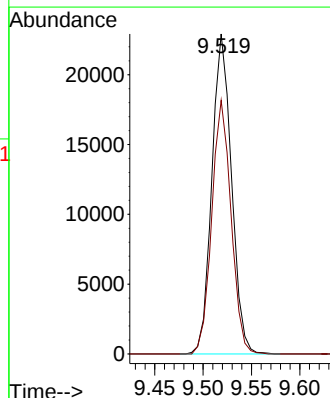
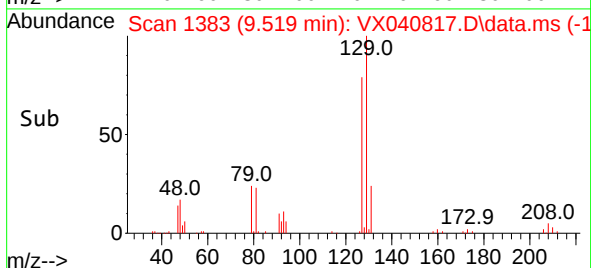
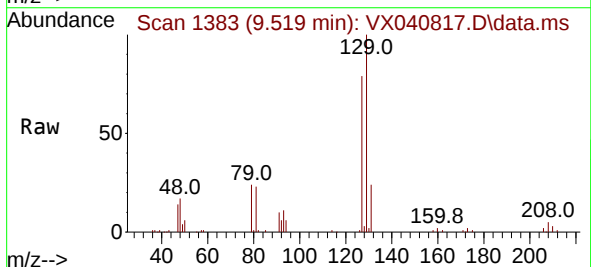
Manual Integrations
APPROVED

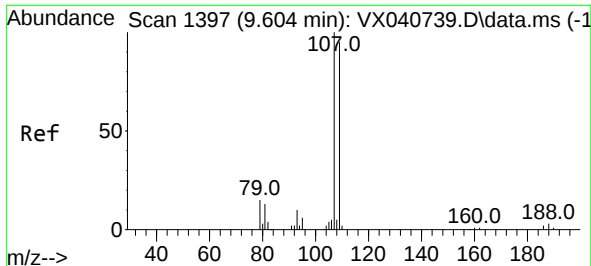
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#60
Dibromochloromethane
Concen: 48.154 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion:129 Resp: 32304
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.4





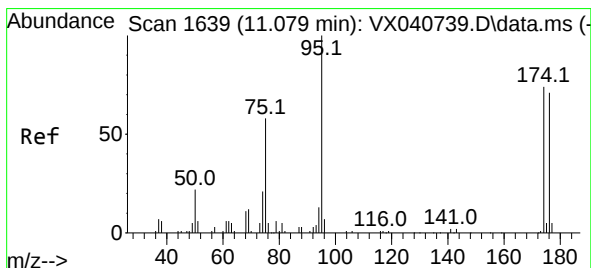
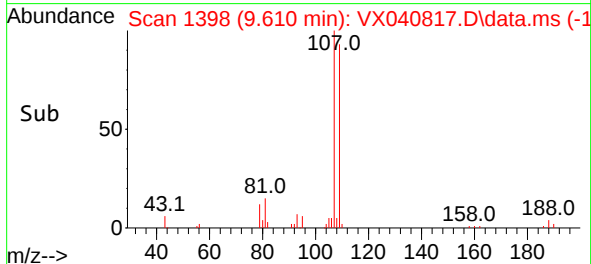
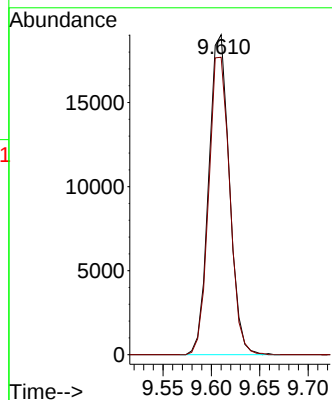
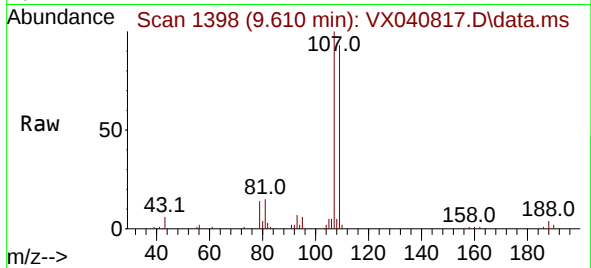
#61
1,2-Dibromoethane
Concen: 46.910 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 28279
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

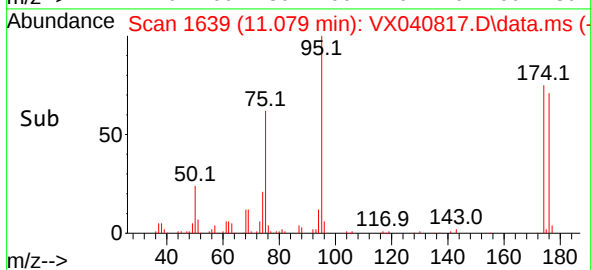
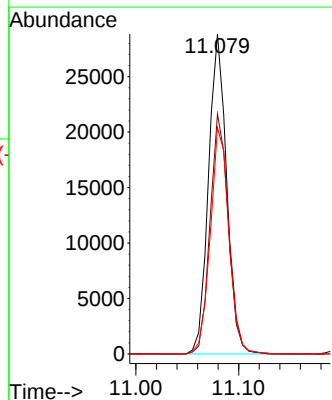
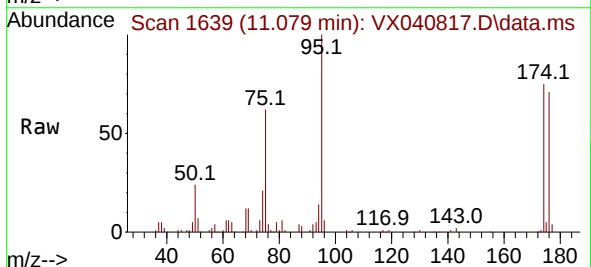
Manual Integrations
APPROVED

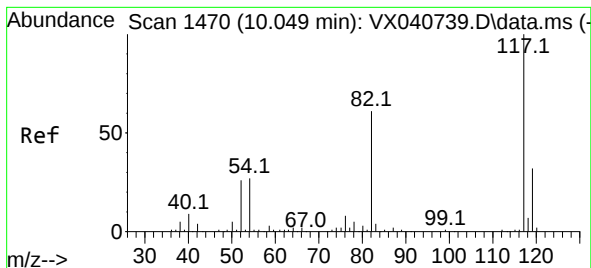
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#62
4-Bromofluorobenzene
Concen: 45.255 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

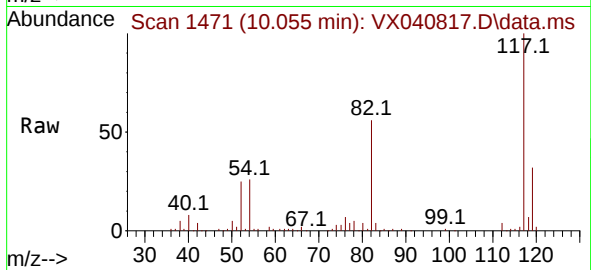
Tgt Ion: 95 Resp: 35394
Ion Ratio Lower Upper
95 100
174 76.3 0.0 135.6
176 72.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

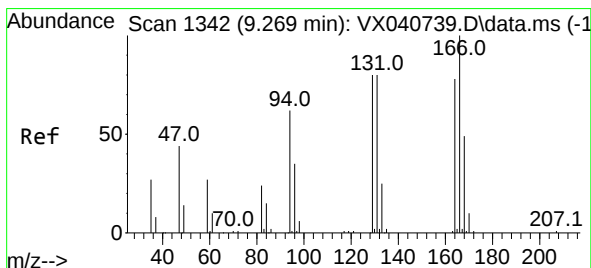
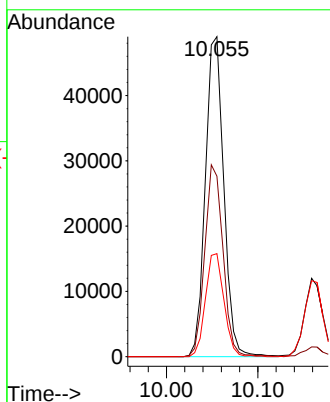
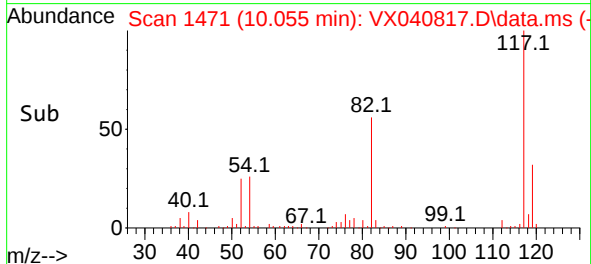
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 68490
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.2 25.5 38.3

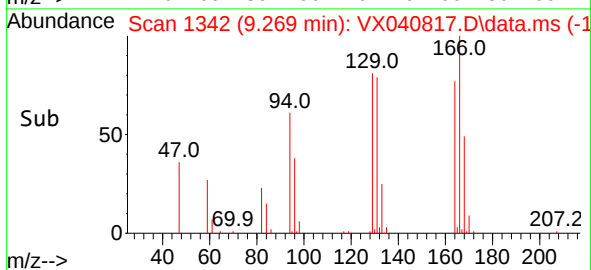
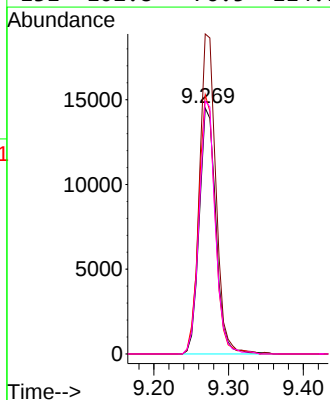
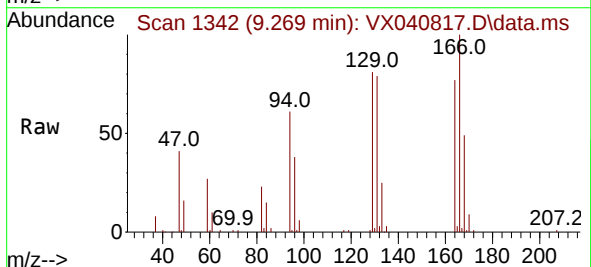
Manual Integrations
APPROVED

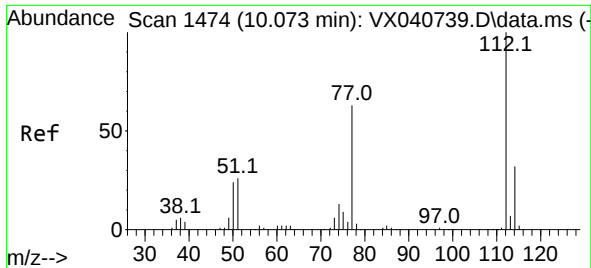
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#64
Tetrachloroethene
Concen: 43.784 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion:164 Resp: 22337
Ion Ratio Lower Upper
164 100
166 130.1 102.7 154.1
129 105.4 80.4 120.6
131 102.8 76.5 114.7





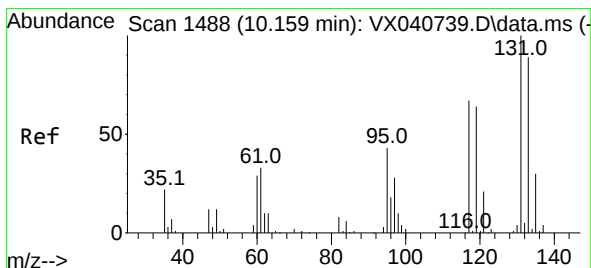
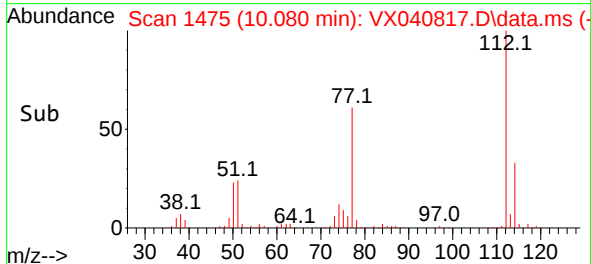
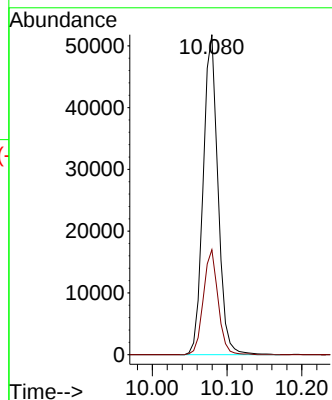
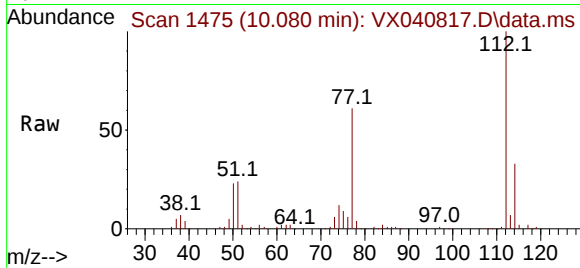
#65
Chlorobenzene
Concen: 45.818 ug/l
RT: 10.080 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 71174
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

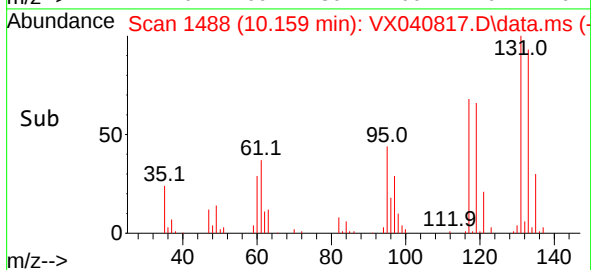
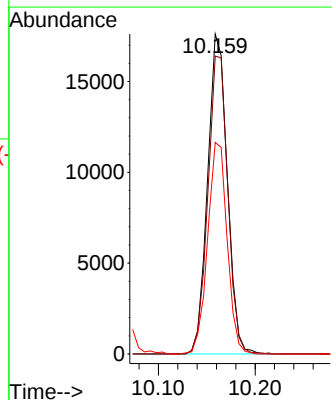
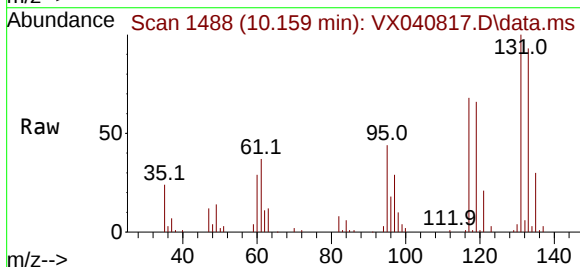
Manual Integrations
APPROVED

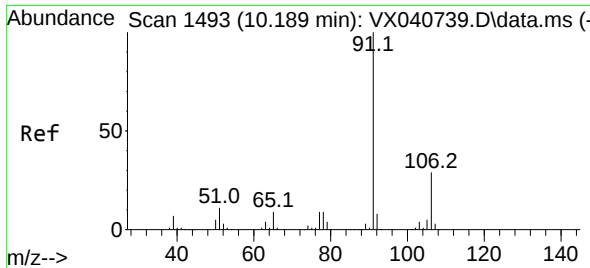
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 47.057 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

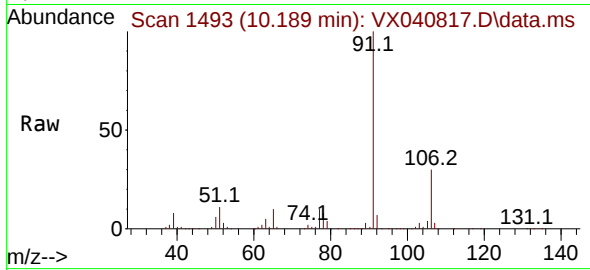
Tgt Ion:131 Resp: 24875
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.4
119 65.7 32.2 96.6





#67
Ethyl Benzene
Concen: 46.080 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

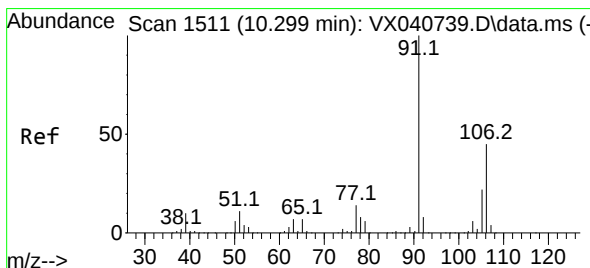
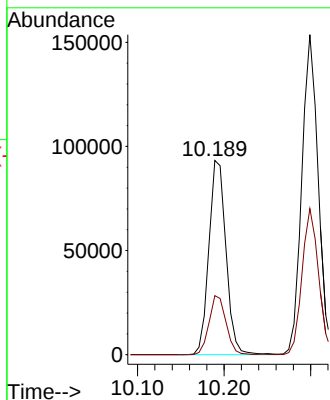
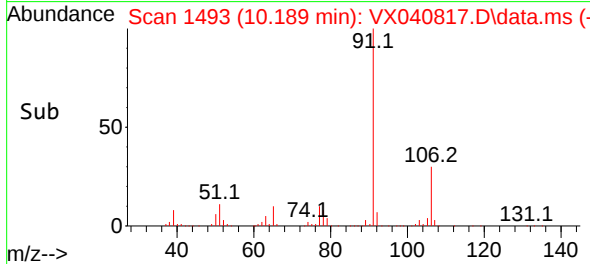
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



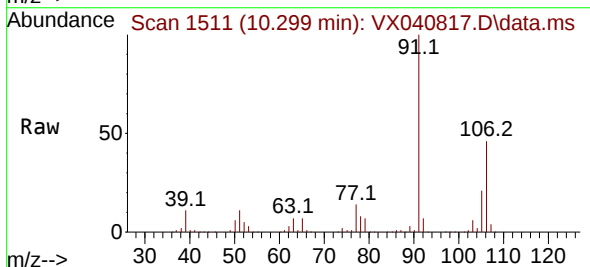
Tgt Ion: 91 Resp: 12819
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

Manual Integrations
APPROVED

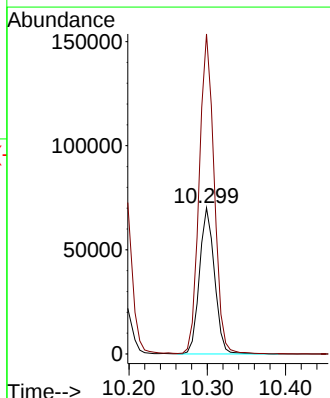
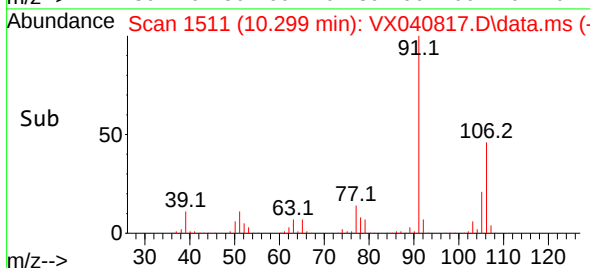
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

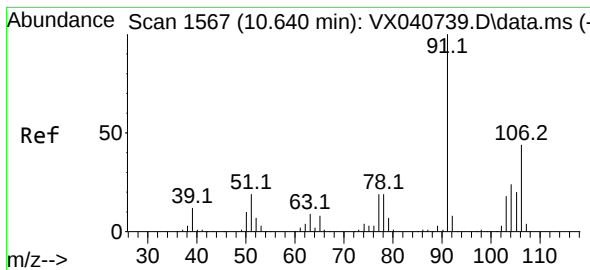


#68
m/p-Xylenes
Concen: 91.865 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55



Tgt Ion:106 Resp: 93569
Ion Ratio Lower Upper
106 100
91 217.4 165.5 248.3





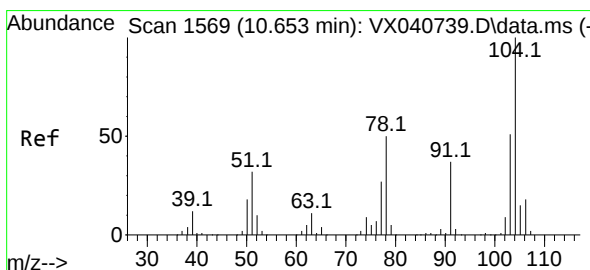
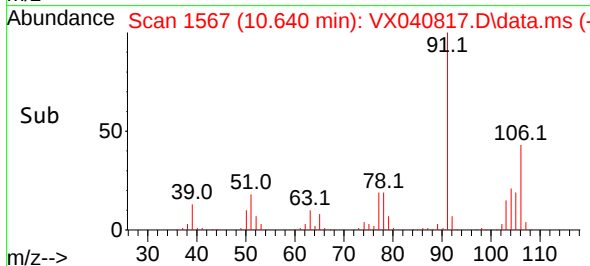
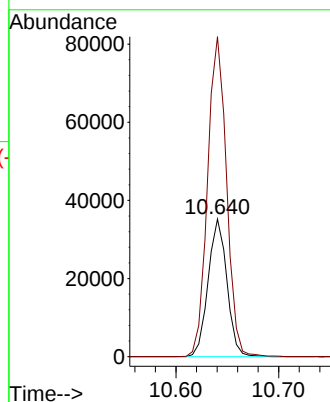
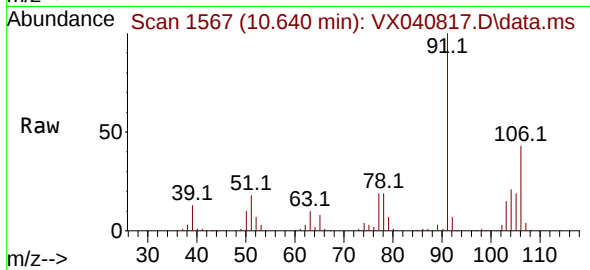
#69
o-Xylene
Concen: 45.653 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 4467
Ion Ratio Lower Upper
106 100
91 235.3 108.9 326.8

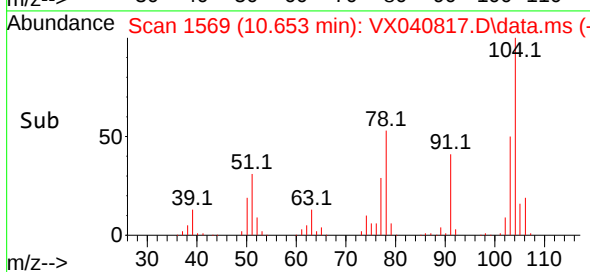
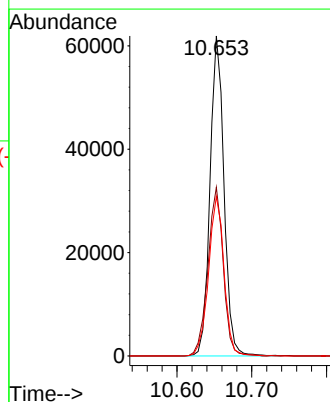
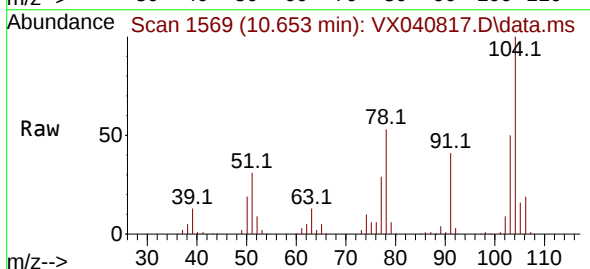
Manual Integrations
APPROVED

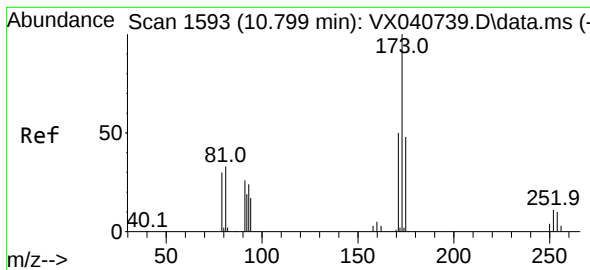
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#70
Styrene
Concen: 49.064 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

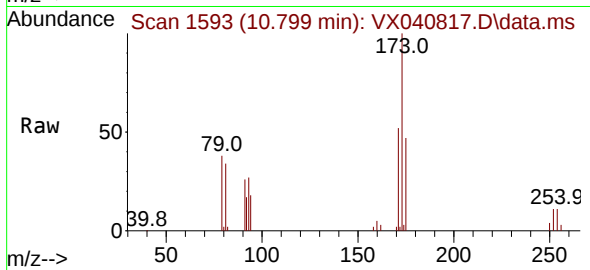
Tgt Ion:104 Resp: 80367
Ion Ratio Lower Upper
104 100
78 58.0 43.6 65.4
103 55.2 43.6 65.4





#71
Bromoform
Concen: 48.070 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

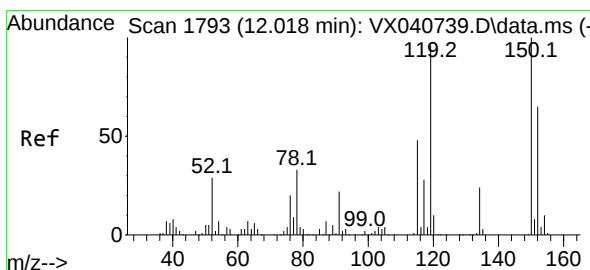
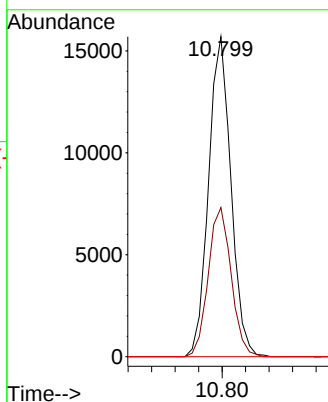
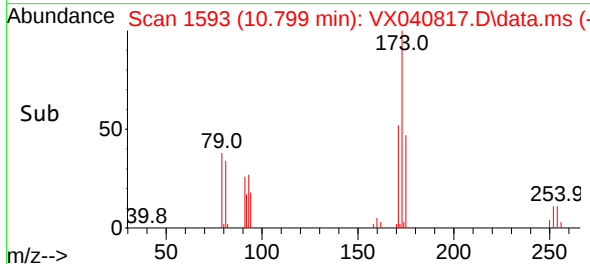
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



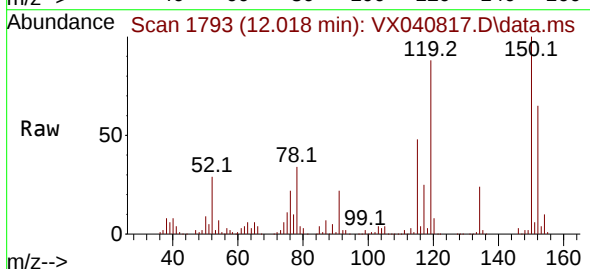
Tgt Ion:173 Resp: 20754
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

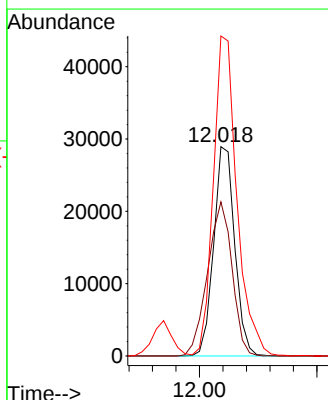
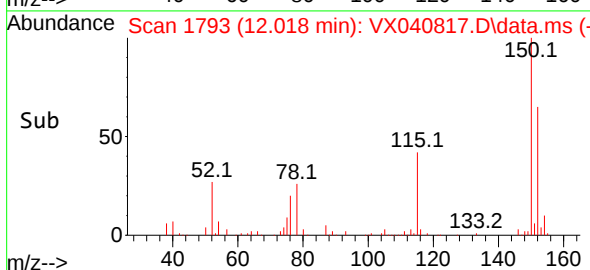
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

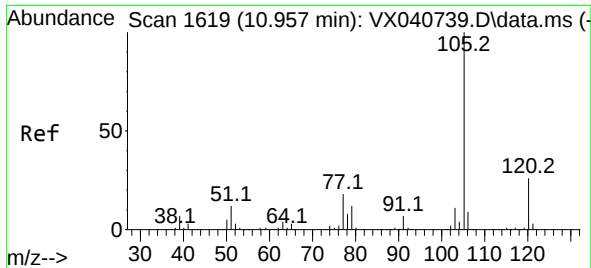


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55



Tgt Ion:152 Resp: 35997
Ion Ratio Lower Upper
152 100
115 85.7 43.3 129.9
150 171.4 0.0 345.0





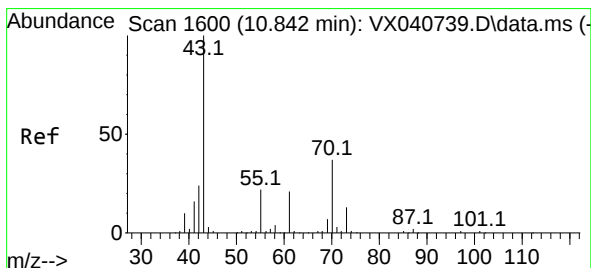
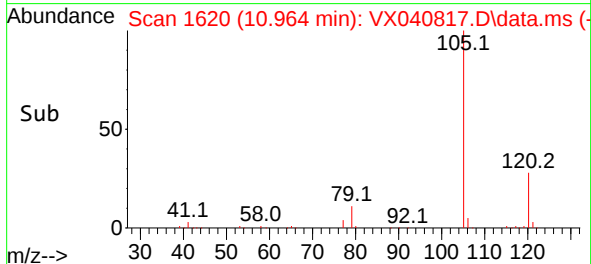
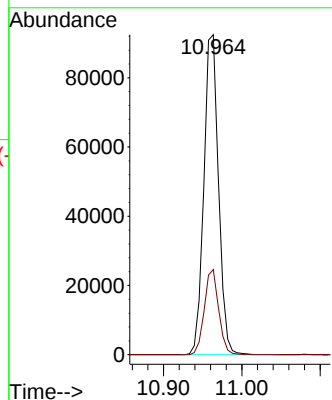
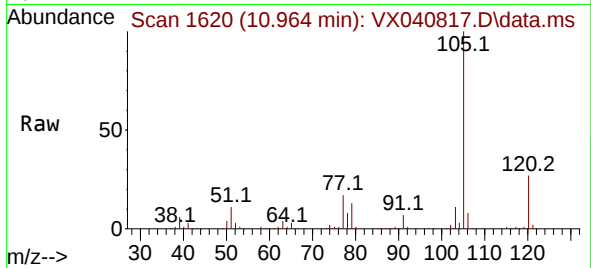
#73
Isopropylbenzene
Concen: 43.944 ug/l
RT: 10.964 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 120025
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

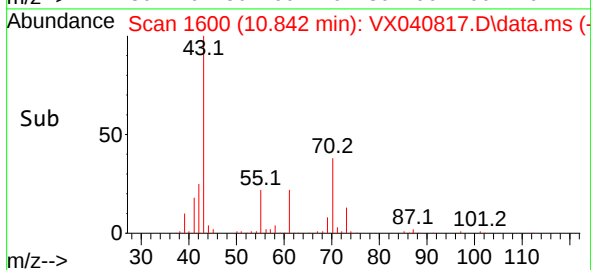
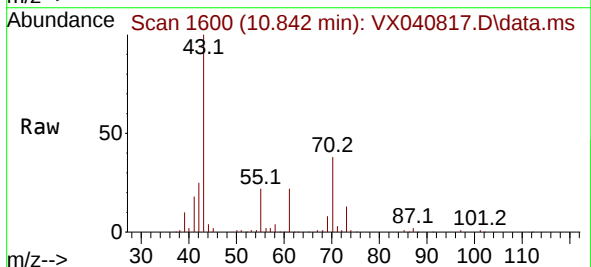
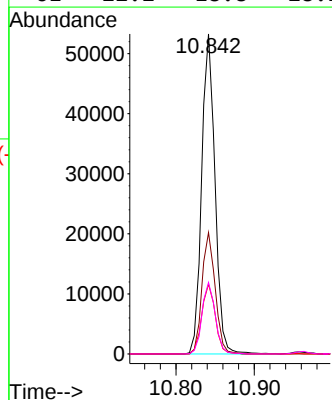
Manual Integrations
APPROVED

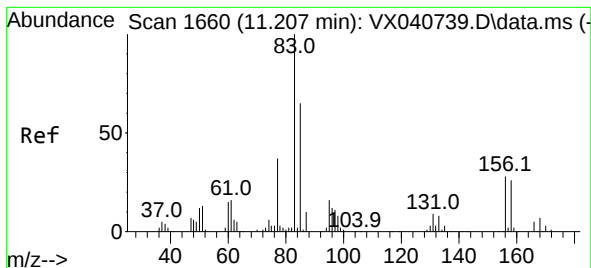
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#74
N-ethyl acetate
Concen: 46.813 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion: 43 Resp: 62954
Ion Ratio Lower Upper
43 100
70 37.5 32.9 49.3
55 22.1 19.3 28.9
61 22.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 42.893 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 3966

Ion Ratio Lower Upper

83 100

131 9.3 5.3 15.8

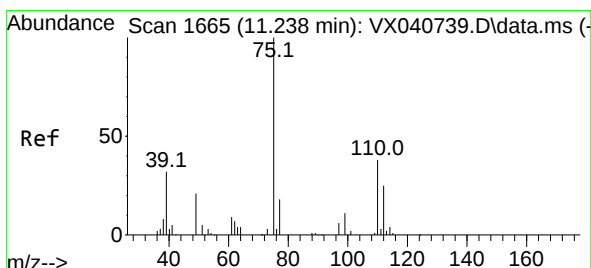
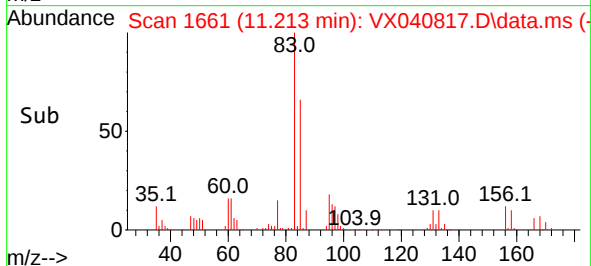
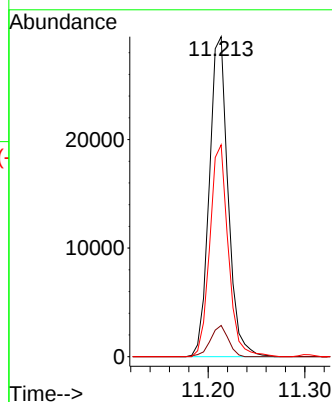
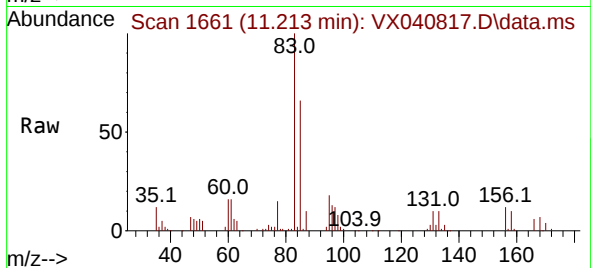
85 65.1 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#76

1,2,3-Trichloropropane

Concen: 45.098 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX040817.D

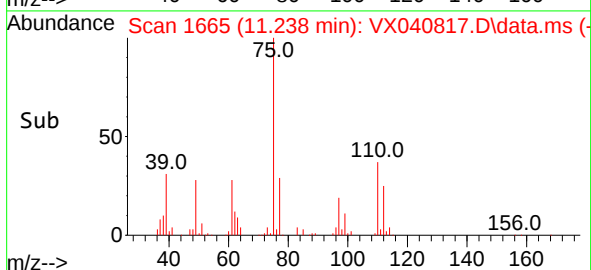
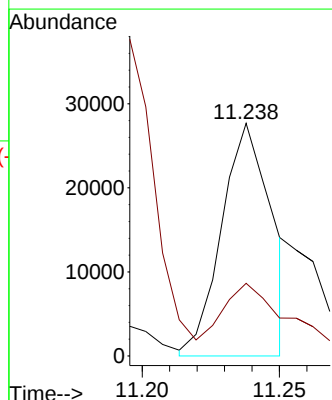
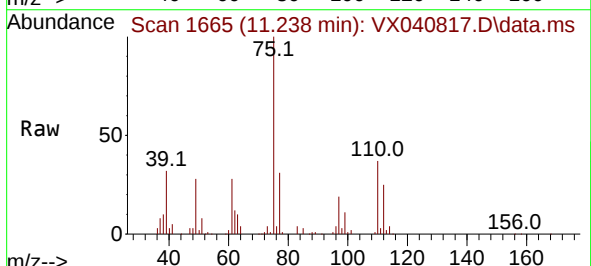
Acq: 27 Mar 2024 16:55

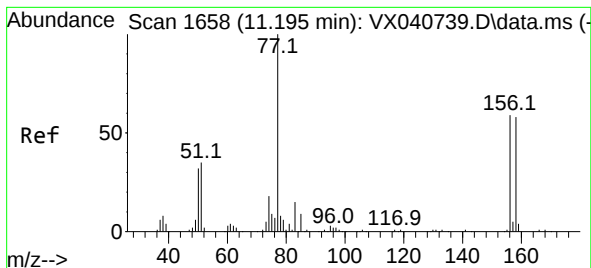
Tgt Ion: 75 Resp: 34915

Ion Ratio Lower Upper

75 100

77 43.2 19.1 57.5





#77

Bromobenzene

Concen: 42.600 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

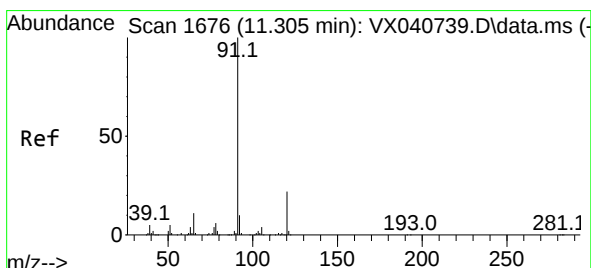
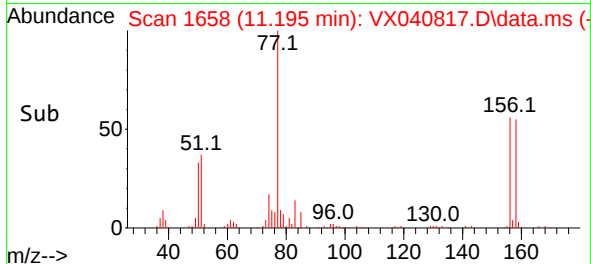
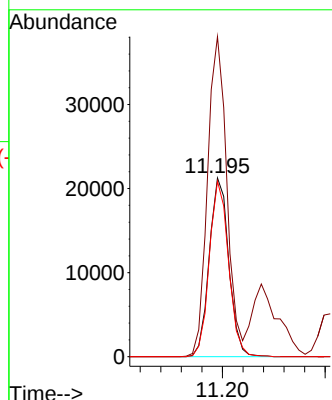
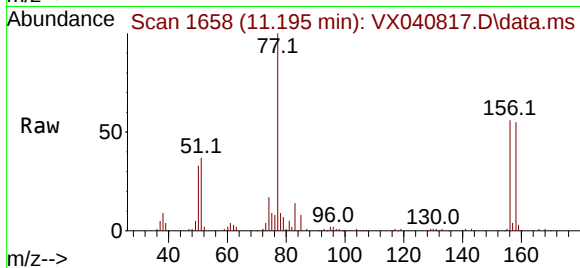
Tgt Ion:	156	Resp:	28164
Ion Ratio	Lower	Upper	
156	100		
77	176.7	88.4	265.3
158	96.6	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#78

n-propylbenzene

Concen: 43.274 ug/l

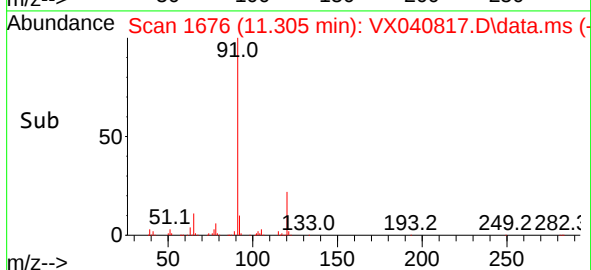
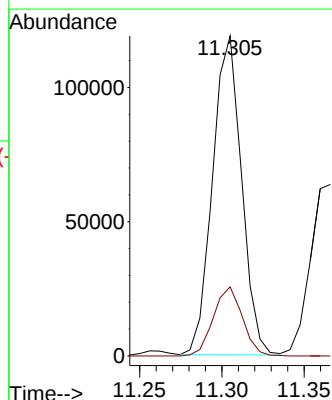
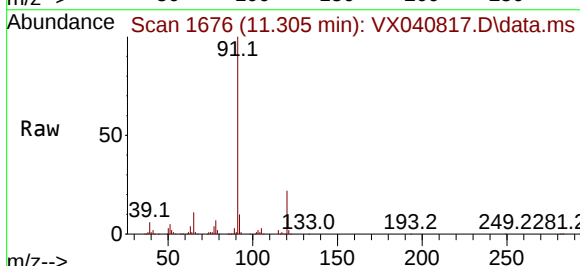
RT: 11.305 min Scan# 1676

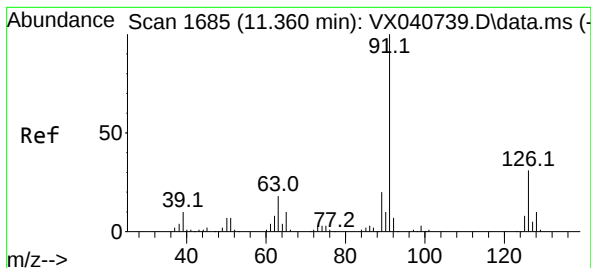
Delta R.T. 0.000 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

Tgt Ion:	91	Resp:	145735
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.5	34.4





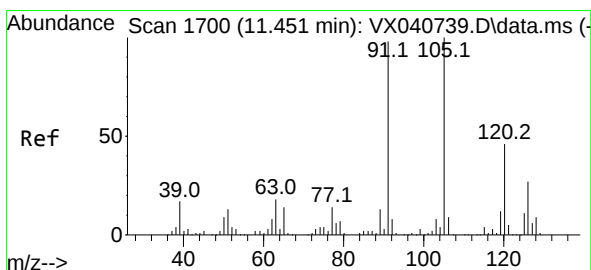
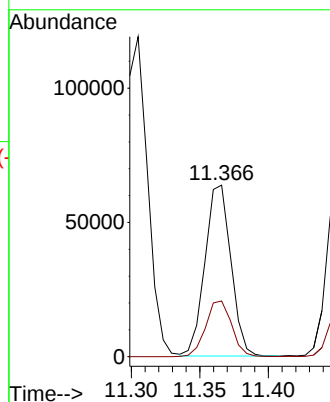
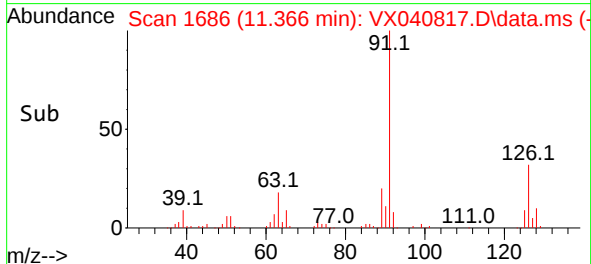
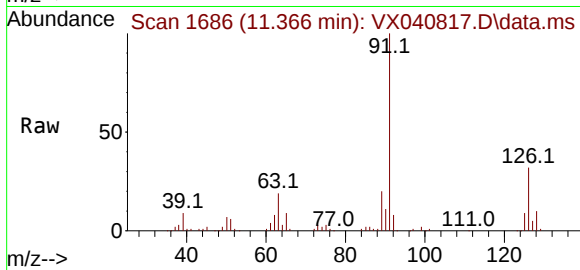
#79
2-Chlorotoluene
Concen: 43.204 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 83950
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8

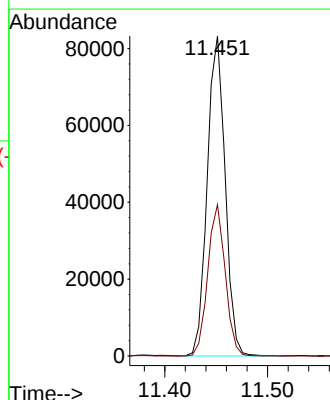
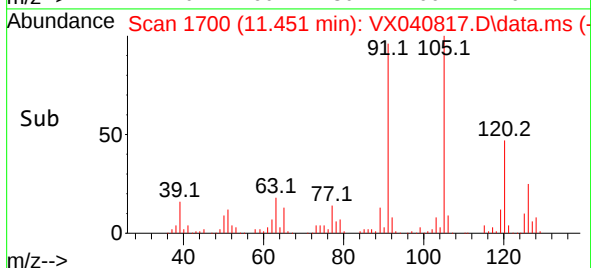
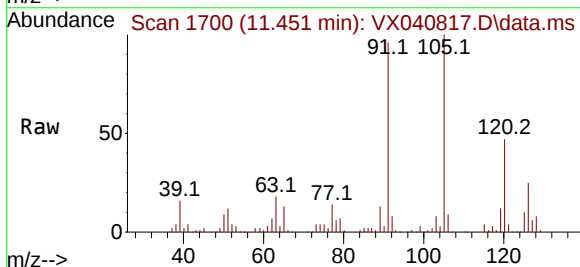
Manual Integrations
APPROVED

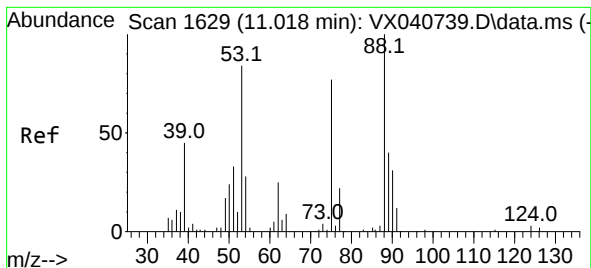
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#80
1,3,5-Trimethylbenzene
Concen: 44.125 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

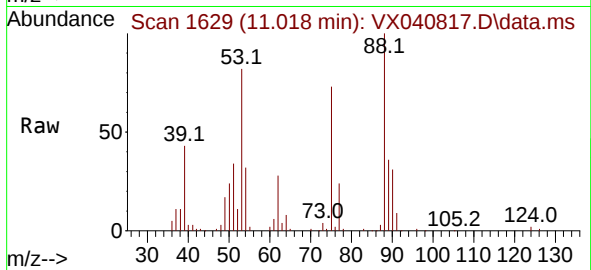
Tgt Ion:105 Resp: 101035
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 44.322 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

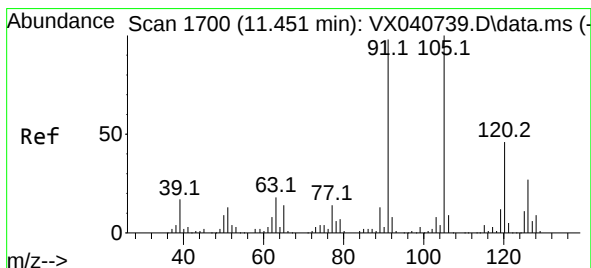
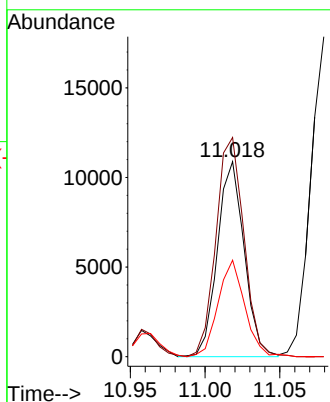
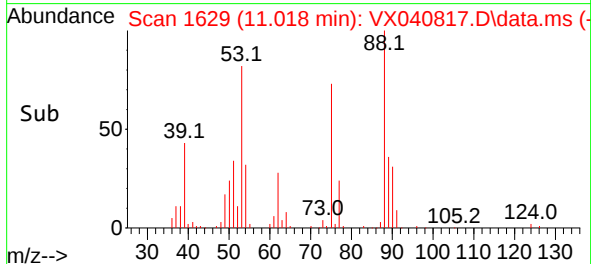
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



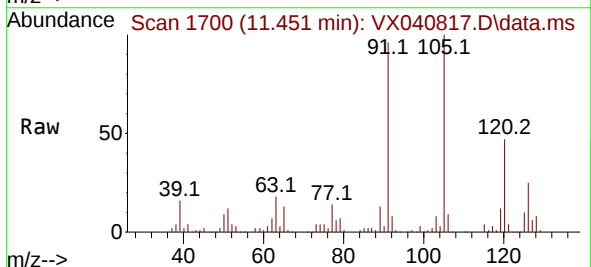
Tgt Ion: 75 Resp: 13564
Ion Ratio Lower Upper
75 100
53 117.2 90.5 135.7
89 49.3 36.9 55.3

Manual Integrations
APPROVED

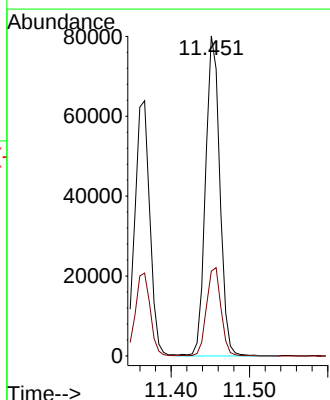
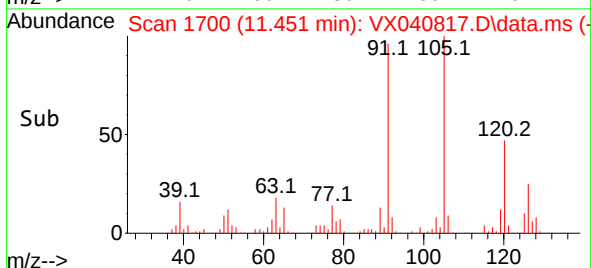
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

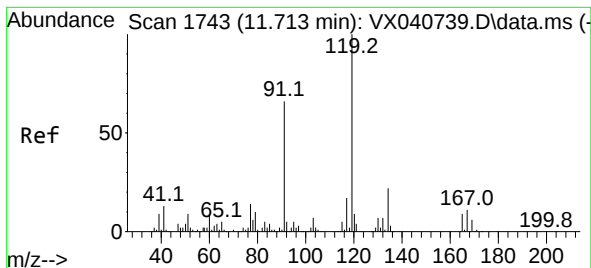


#82
4-Chlorotoluene
Concen: 41.556 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55



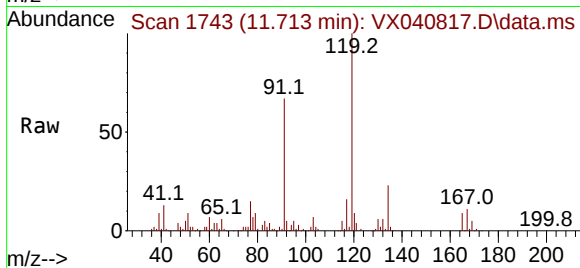
Tgt Ion: 91 Resp: 101285
Ion Ratio Lower Upper
91 100
126 28.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 43.315 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

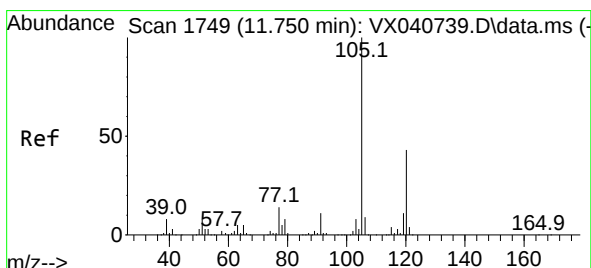
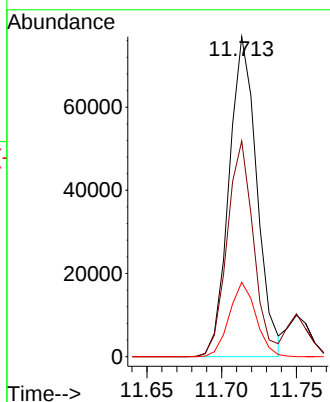
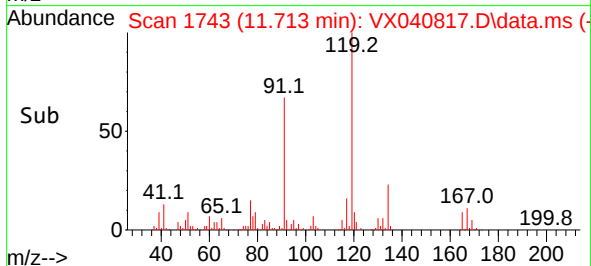
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



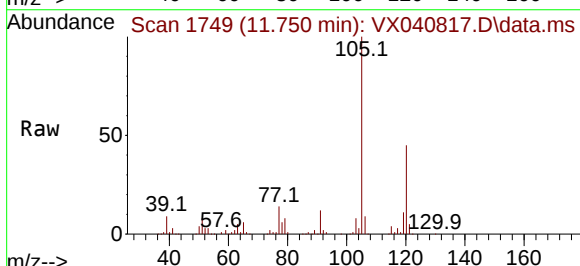
Tgt Ion:119 Resp: 99475
Ion Ratio Lower Upper
119 100
91 64.2 31.2 93.6
134 22.3 11.7 35.0

Manual Integrations
APPROVED

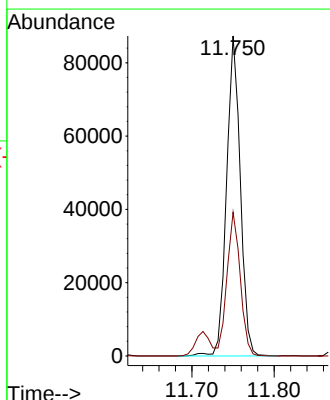
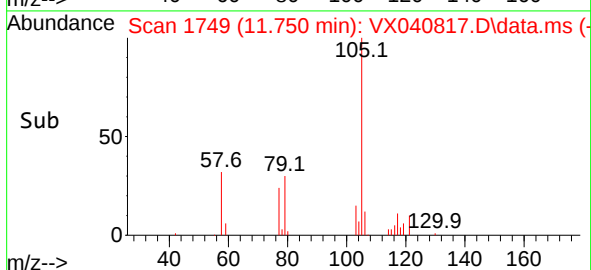
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

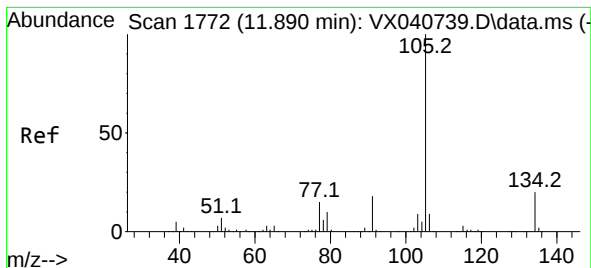


#84
1,2,4-Trimethylbenzene
Concen: 44.048 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55



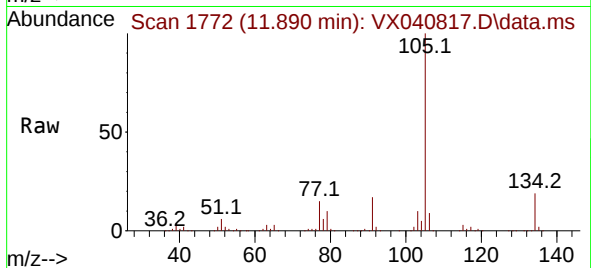
Tgt Ion:105 Resp: 101510
Ion Ratio Lower Upper
105 100
120 43.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 43.891 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040817.D
 Acq: 27 Mar 2024 16:55

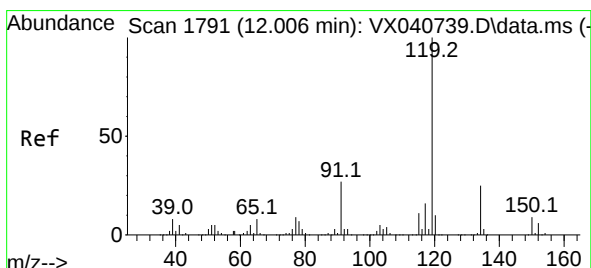
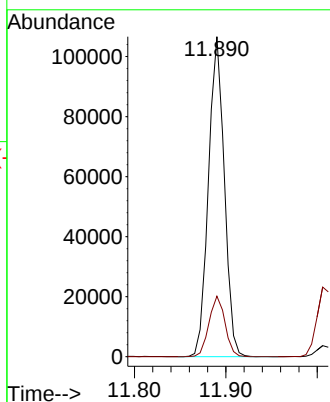
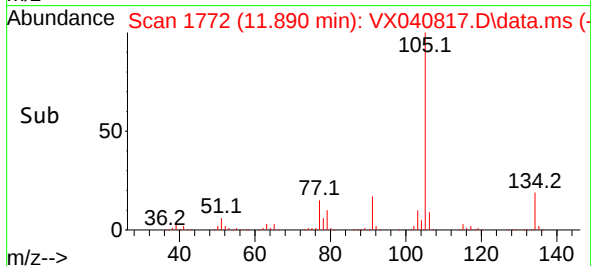
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



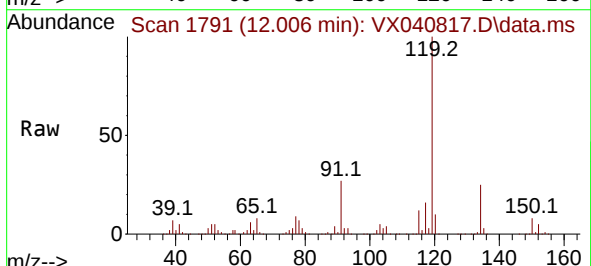
Tgt Ion:105 Resp: 128178
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations
 APPROVED

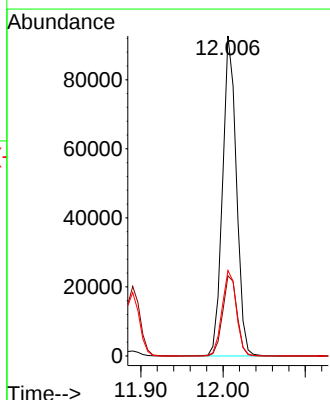
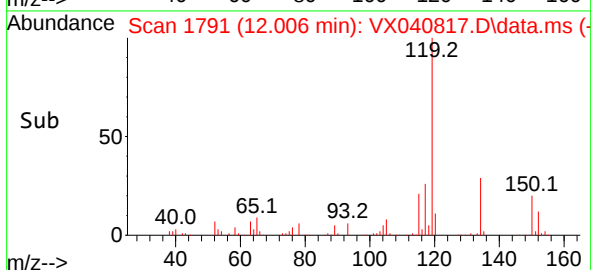
Reviewed By :John Carlone 03/28/2024
 Supervised By :Mahesh Dadoda 03/28/2024

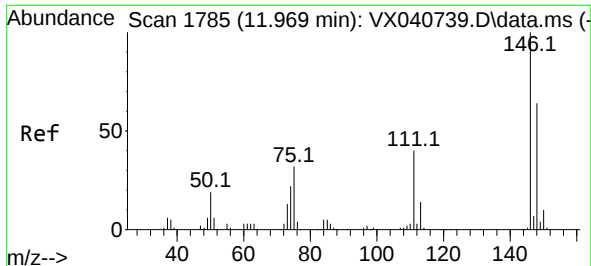


#86
 p-Isopropyltoluene
 Concen: 44.721 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040817.D
 Acq: 27 Mar 2024 16:55



Tgt Ion:119 Resp: 108298
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.3
 91 27.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 44.158 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 55750

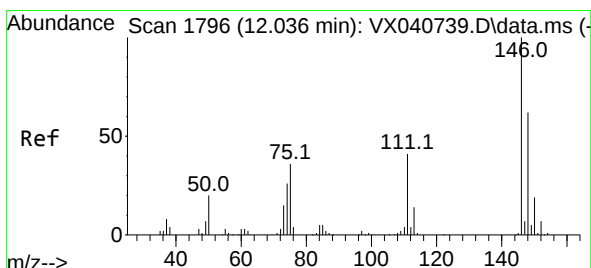
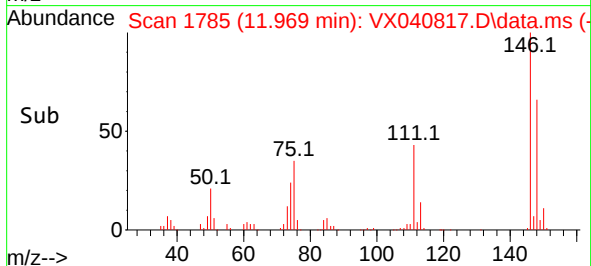
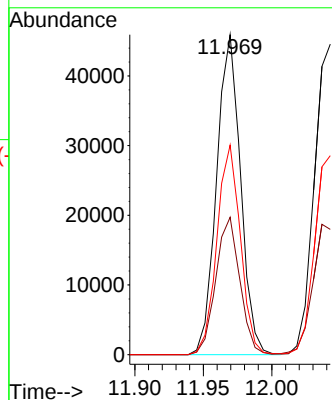
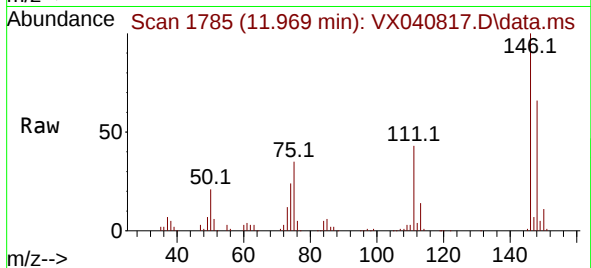
Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.1	66.1
148	64.4	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2024

Supervised By :Mahesh Dadoda 03/28/2024



#88

1,4-Dichlorobenzene

Concen: 42.339 ug/l

RT: 12.043 min Scan# 1797

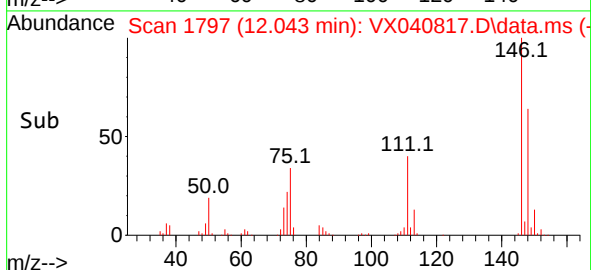
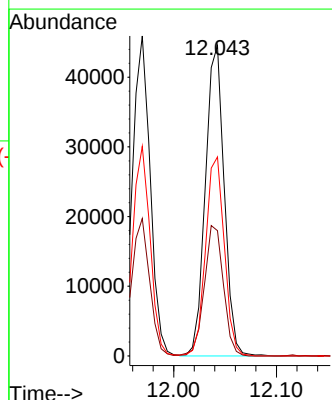
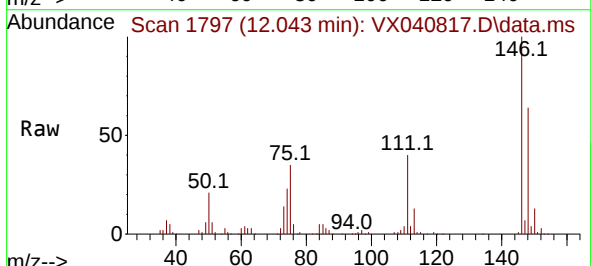
Delta R.T. 0.006 min

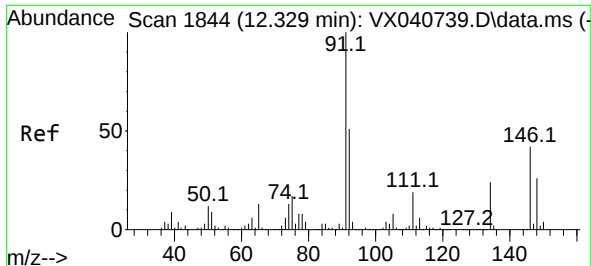
Lab File: VX040817.D

Acq: 27 Mar 2024 16:55

Tgt Ion:146 Resp: 56768

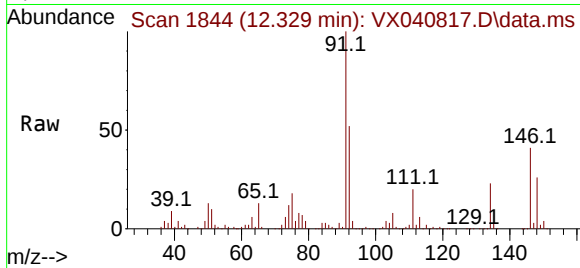
Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.3	63.7
148	63.8	31.8	95.4





#89
n-Butylbenzene
Concen: 43.971 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

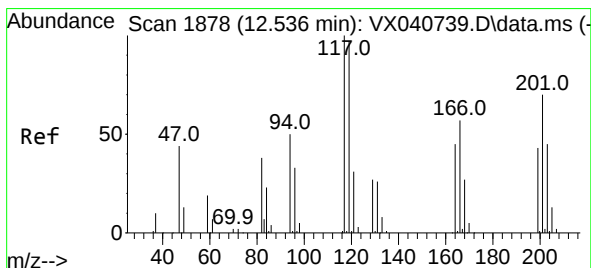
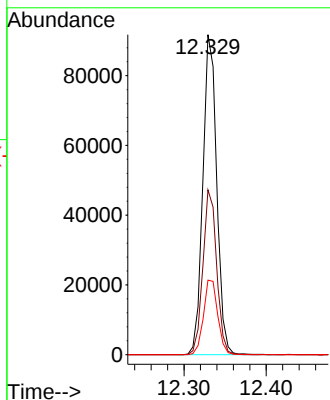
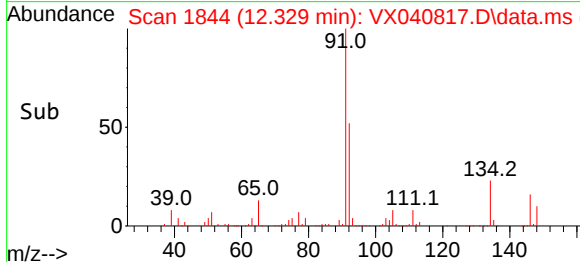
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 107378
Ion Ratio Lower Upper
91 100
92 51.2 27.4 82.0
134 23.9 12.6 37.8

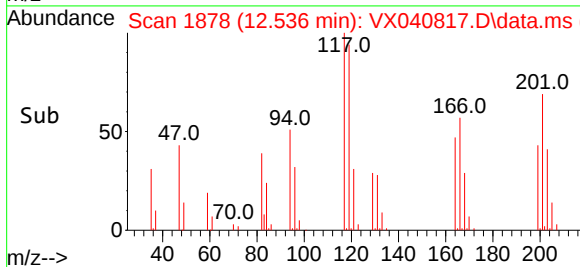
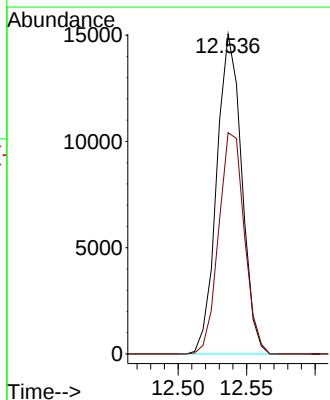
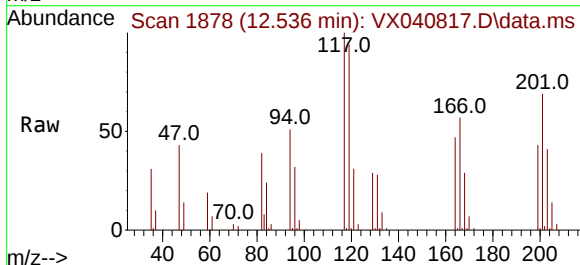
Manual Integrations
APPROVED

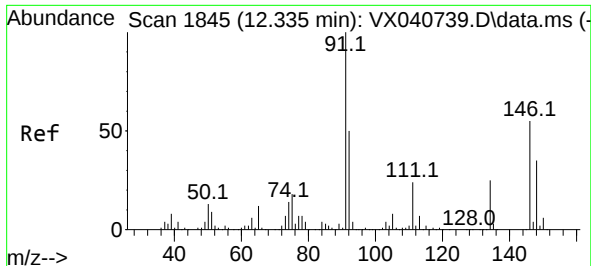
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#90
Hexachloroethane
Concen: 45.300 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Tgt Ion:117 Resp: 19102
Ion Ratio Lower Upper
117 100
201 71.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 43.868 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

Instrument :

MSVOA_X

ClientSampleId :

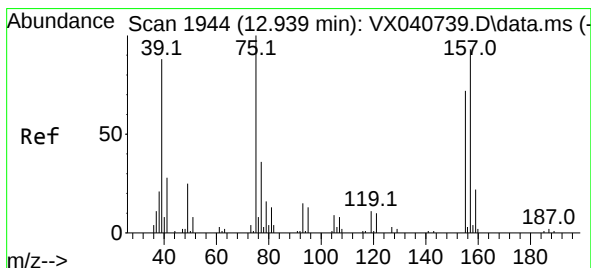
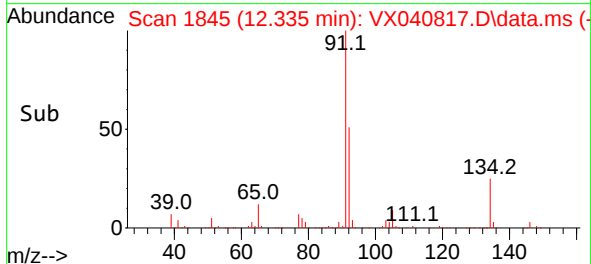
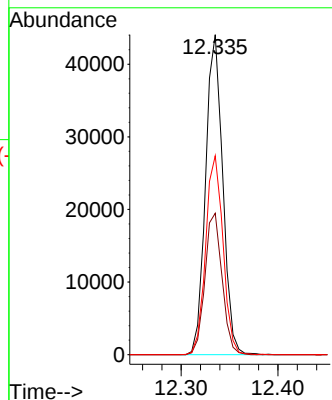
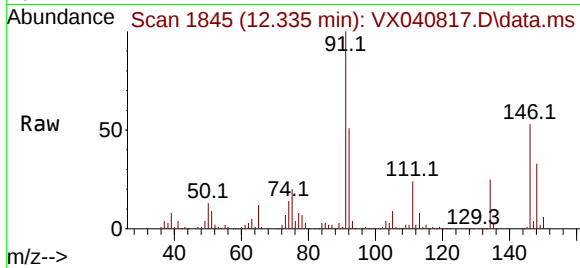
VSTDCCC050EC

Tgt Ion:146 Resp: 5441
Ion Ratio Lower Upper
146 100
111 44.3 22.4 67.0
148 62.9 31.6 95.0

Manual Integrations

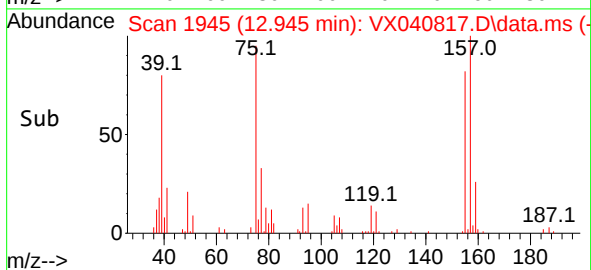
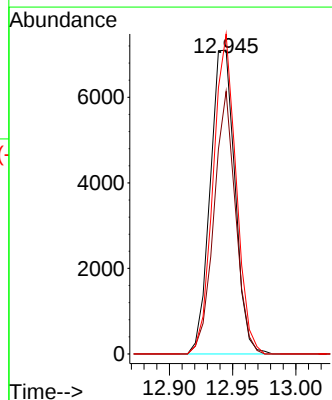
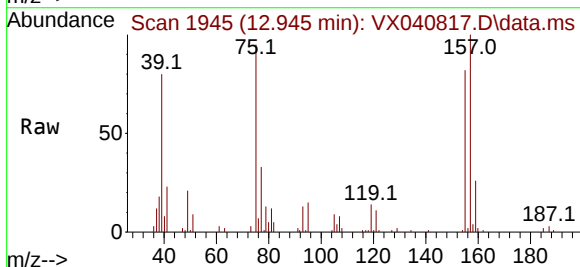
APPROVED

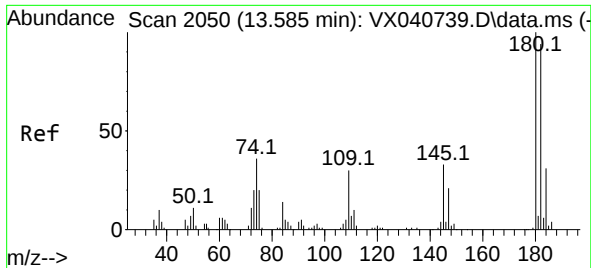
Reviewed By :John Carbone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.832 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

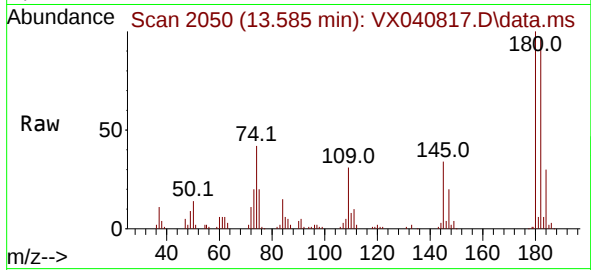
Tgt Ion: 75 Resp: 9658
Ion Ratio Lower Upper
75 100
155 75.6 36.1 108.5
157 97.4 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 42.813 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

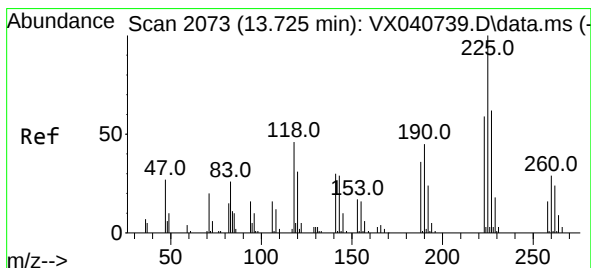
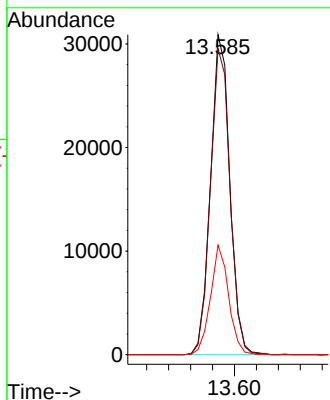
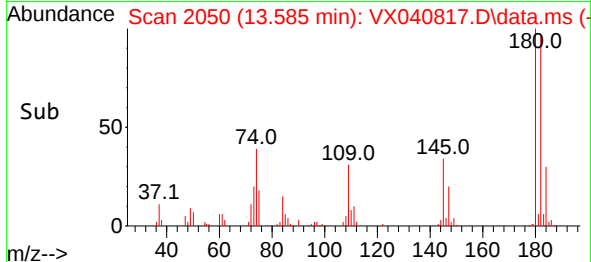
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



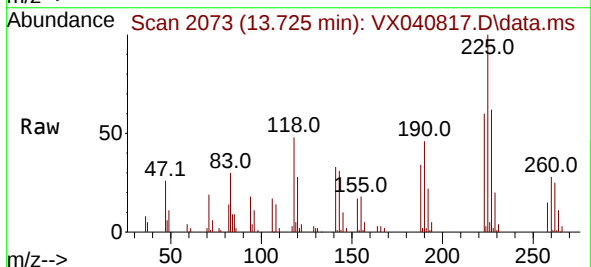
Tgt Ion:180 Resp: 3774
Ion Ratio Lower Upper
180 100
182 96.8 48.3 144.8
145 32.2 18.0 54.0

Manual Integrations
APPROVED

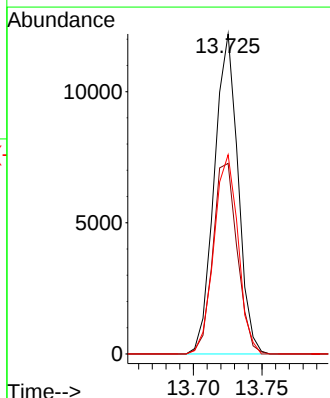
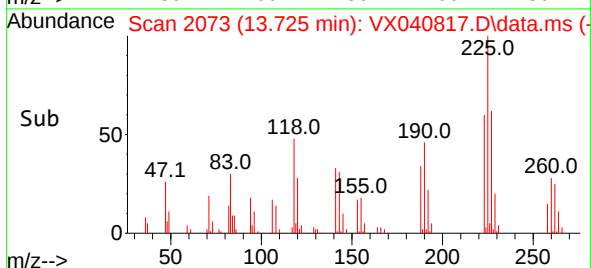
Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024

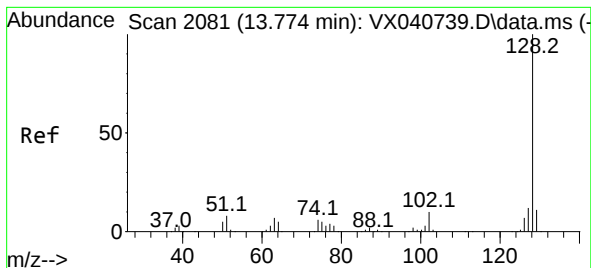


#94
Hexachlorobutadiene
Concen: 42.167 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55



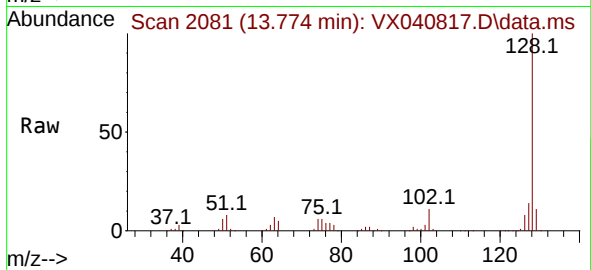
Tgt Ion:225 Resp: 14652
Ion Ratio Lower Upper
225 100
223 61.6 31.1 93.2
227 63.2 32.5 97.5





#95
Naphthalene
Concen: 45.665 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55

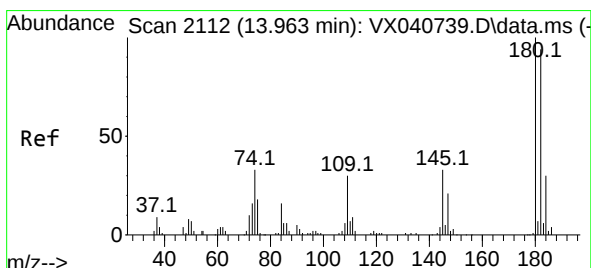
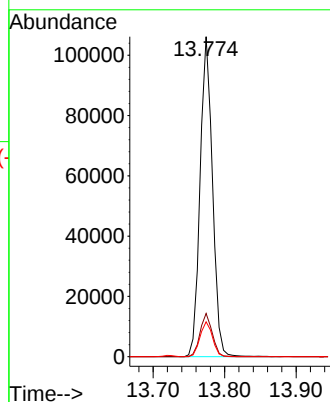
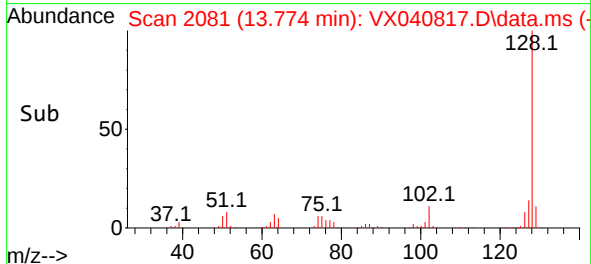
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



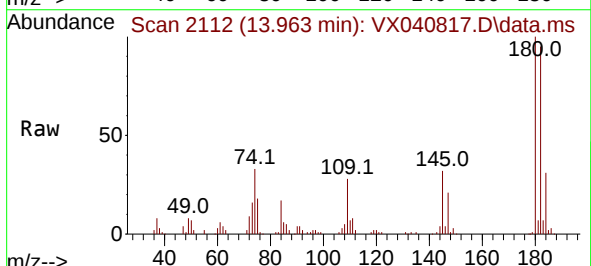
Tgt Ion:128 Resp: 127359
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2024
Supervised By :Mahesh Dadoda 03/28/2024



#96
1,2,3-Trichlorobenzene
Concen: 43.438 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX040817.D
Acq: 27 Mar 2024 16:55



Tgt Ion:180 Resp: 37622
Ion Ratio Lower Upper
180 100
182 95.1 46.9 140.6
145 33.4 17.8 53.5

