

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045077.D
 Acq On : 28 Feb 2025 10:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 28 14:27:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/03/2025
 Supervised By : Mahesh Dadoda 03/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	111989	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	196414	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	172369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82143	46.113	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.220%		
35) Dibromofluoromethane	5.373	113	65054	49.532	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.060%		
50) Toluene-d8	8.647	98	237369	49.853	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.700%		
62) 4-Bromofluorobenzene	11.079	95	79413	50.332	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	70744	50.185	ug/l	96
3) Chloromethane	1.300	50	83018	48.123	ug/l	100
4) Vinyl Chloride	1.374	62	81653	47.712	ug/l	98
5) Bromomethane	1.593	94	31592	46.959	ug/l	98
6) Chloroethane	1.660	64	31648	40.092	ug/l	99
7) Trichlorofluoromethane	1.867	101	111880	49.383	ug/l	98
8) Diethyl Ether	2.136	74	40610	45.828	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.312	101	66640	51.199	ug/l	99
10) Methyl Iodide	2.440	142	76401	46.970	ug/l	98
11) Tert butyl alcohol	2.995	59	71200m	211.016	ug/l	
12) 1,1-Dichloroethene	2.306	96	65383	47.513	ug/l	98
13) Acrolein	2.233	56	101424	260.033	ug/l	99
14) Allyl chloride	2.654	41	121309	49.523	ug/l	99
15) Acrylonitrile	3.062	53	203403	224.925	ug/l	99
16) Acetone	2.386	43	174653	211.319	ug/l	98
17) Carbon Disulfide	2.501	76	175990	48.016	ug/l	97
18) Methyl Acetate	2.703	43	88925	44.725	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	216663	46.929	ug/l	97
20) Methylene Chloride	2.782	84	74677	45.613	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	65595	48.249	ug/l	99
22) Diisopropyl ether	3.757	45	240622	48.301	ug/l	93
23) Vinyl Acetate	3.715	43	1044255	251.185	ug/l	99
24) 1,1-Dichloroethane	3.599	63	130733	46.825	ug/l	99
25) 2-Butanone	4.556	43	286458	230.258	ug/l	100
26) 2,2-Dichloropropane	4.464	77	95125	72.639	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	79716	47.500	ug/l	97
28) Bromochloromethane	4.891	49	61824	46.457	ug/l	98
29) Tetrahydrofuran	5.001	42	187451	224.369	ug/l	100
30) Chloroform	5.086	83	127656	46.017	ug/l	98
31) Cyclohexane	5.458	56	120742	49.820	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	106176	47.389	ug/l	99
36) 1,1-Dichloropropene	5.684	75	88691	49.241	ug/l	99
37) Ethyl Acetate	4.714	43	110594	47.651	ug/l	98
38) Carbon Tetrachloride	5.665	117	90184	49.318	ug/l	97
39) Methylcyclohexane	7.372	83	121207	56.161	ug/l	98
40) Benzene	6.031	78	281425	49.480	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	60396	48.126	ug/l	98
42) 1,2-Dichloroethane	6.080	62	97091	47.405	ug/l	100
43) Isopropyl Acetate	6.336	43	172076	50.139	ug/l	100
44) Trichloroethene	7.116	130	64399	48.221	ug/l	99
45) 1,2-Dichloropropane	7.421	63	70234	48.028	ug/l	99
46) Dibromomethane	7.574	93	50957	49.300	ug/l	98
47) Bromodichloromethane	7.818	83	99834	49.243	ug/l	99
48) Methyl methacrylate	7.689	41	86144	50.032	ug/l	100
49) 1,4-Dioxane	7.659	88	33152	912.798	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	554547	240.651	ug/l	100
52) Toluene	8.714	92	170814	51.187	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	94873	55.975	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	108220	54.755	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	64904	47.245	ug/l	98
56) Ethyl methacrylate	9.116	69	107621	51.537	ug/l	100
57) 1,3-Dichloropropane	9.305	76	115487	48.576	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	273540	268.530	ug/l	99
59) 2-Hexanone	9.427	43	403729	241.811	ug/l	99
60) Dibromochloromethane	9.518	129	72136	50.220	ug/l	99
61) 1,2-Dibromoethane	9.604	107	67190	48.992	ug/l	98
64) Tetrachloroethene	9.268	164	54912	49.741	ug/l	94
65) Chlorobenzene	10.073	112	179056	49.093	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	59227	48.762	ug/l	98
67) Ethyl Benzene	10.189	91	323851	50.959	ug/l	98
68) m/p-Xylenes	10.299	106	239135	102.789	ug/l	99
69) o-Xylene	10.640	106	118067	50.318	ug/l	98
70) Styrene	10.652	104	197009	51.891	ug/l	99
71) Bromoform	10.799	173	46267	50.513	ug/l #	97
73) Isopropylbenzene	10.957	105	303194	50.901	ug/l	100
74) N-amyl acetate	10.841	43	145178	51.942	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	101813	46.579	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	83360m	46.931	ug/l	
77) Bromobenzene	11.195	156	69846	49.698	ug/l	98
78) n-propylbenzene	11.299	91	354229	52.644	ug/l	100
79) 2-Chlorotoluene	11.360	91	209700	48.935	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	247465	51.381	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	28438	54.791	ug/l	98
82) 4-Chlorotoluene	11.451	91	235030	50.324	ug/l	99
83) tert-Butylbenzene	11.713	119	249434	50.405	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	249084	51.398	ug/l	99
85) sec-Butylbenzene	11.890	105	314975	53.135	ug/l	99
86) p-Isopropyltoluene	12.006	119	256666	53.578	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	126673	50.525	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	126155	49.736	ug/l	99
89) n-Butylbenzene	12.329	91	234896	56.931	ug/l	100
90) Hexachloroethane	12.536	117	44665	51.547	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	126089	50.134	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20546	48.248	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	78708	54.961	ug/l	100
94) Hexachlorobutadiene	13.725	225	30769	52.406	ug/l	97
95) Naphthalene	13.774	128	288129	52.367	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	79762	52.796	ug/l	99

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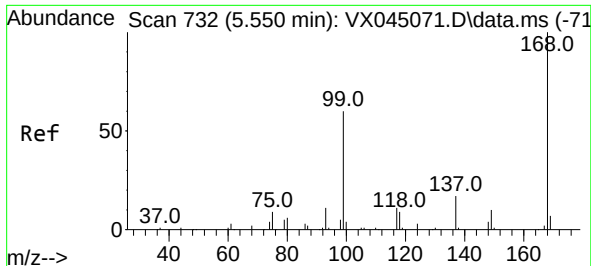
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/03/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

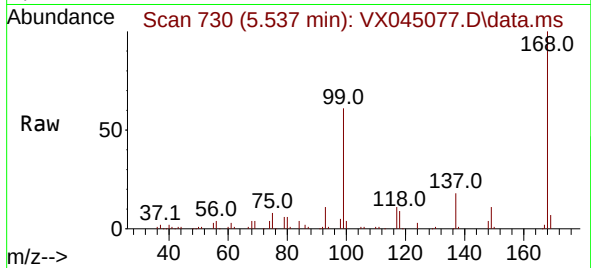
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.013 min
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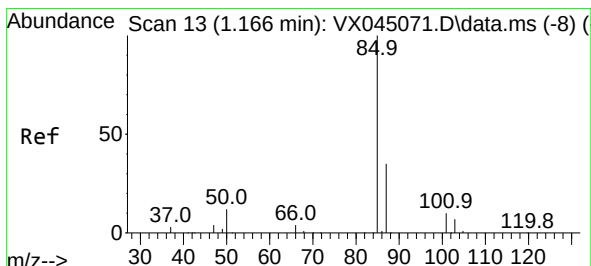
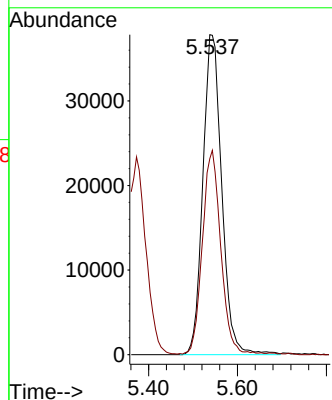
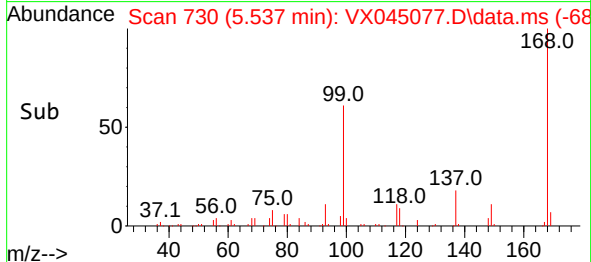
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 111989
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4

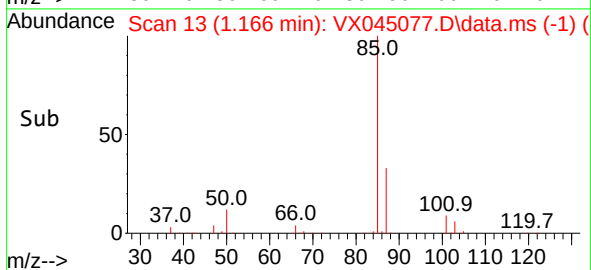
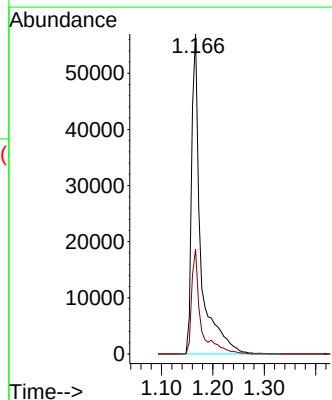
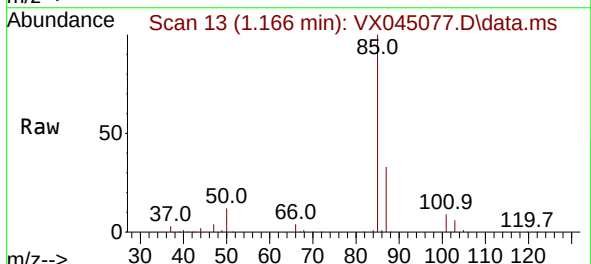
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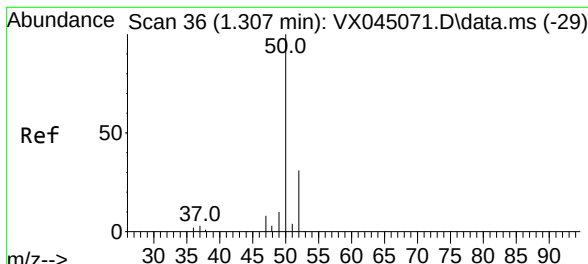
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#2
Dichlorodifluoromethane
Concen: 50.185 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Tgt Ion: 85 Resp: 70744
Ion Ratio Lower Upper
85 100
87 32.7 17.4 52.3





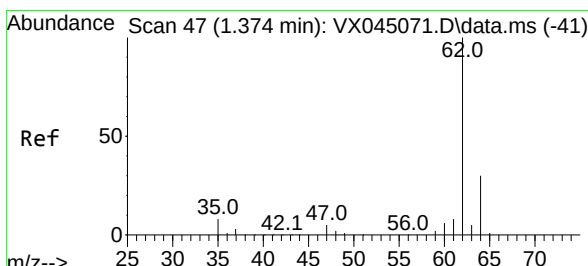
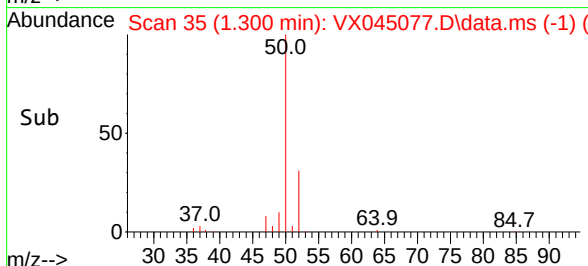
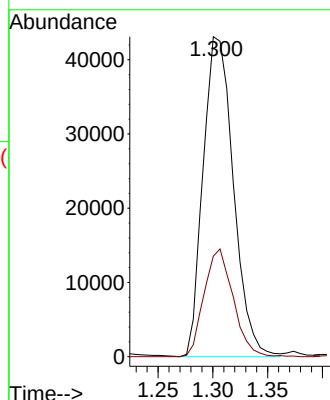
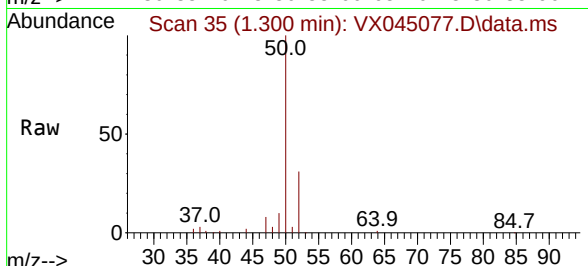
#3
Chloromethane
Concen: 48.123 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045077.D
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Tgt Ion: 50 Resp: 83018
Ion Ratio Lower Upper
50 100
52 31.4 25.0 37.4

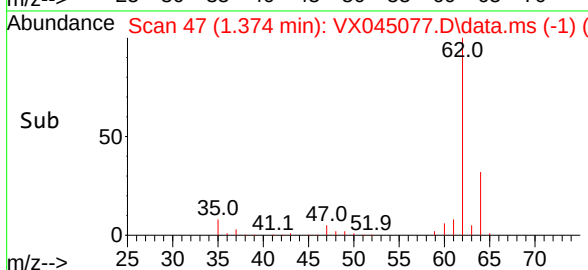
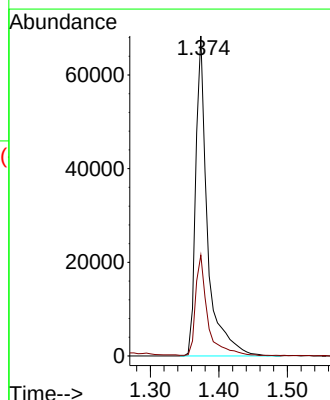
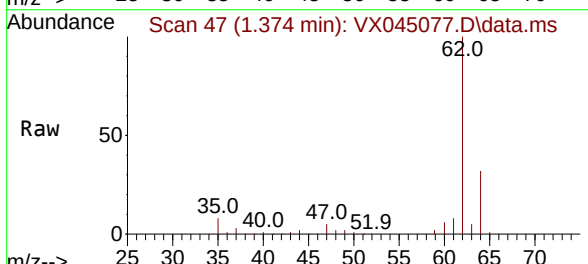
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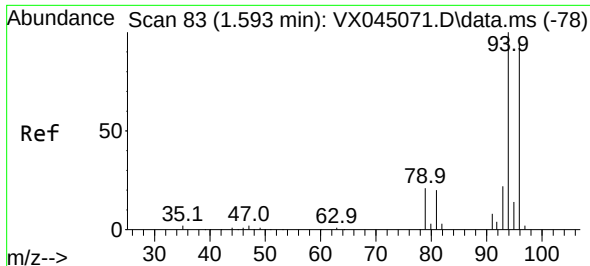
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#4
Vinyl Chloride
Concen: 47.712 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

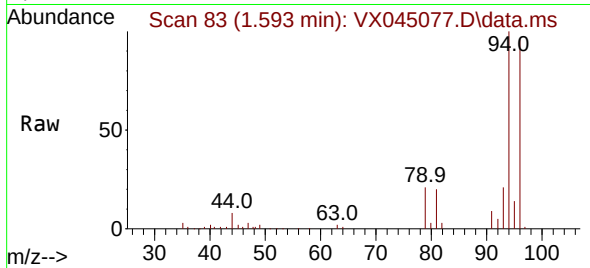
Tgt Ion: 62 Resp: 81653
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5





#5
Bromomethane
Concen: 46.959 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

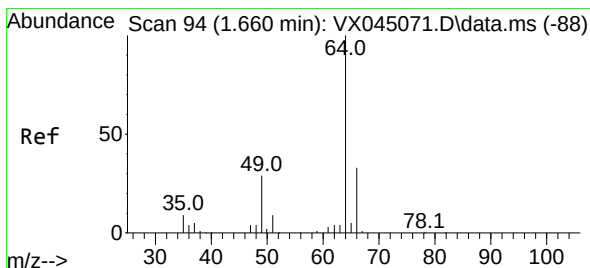
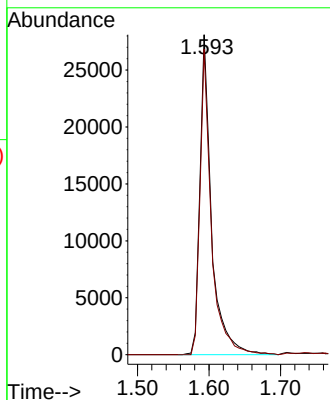
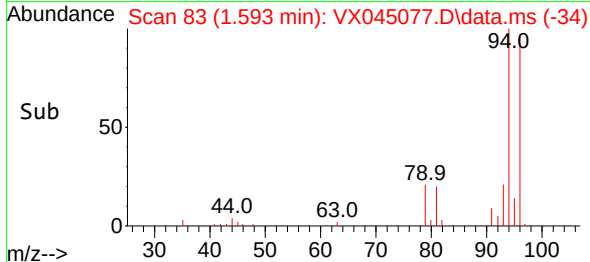
Instrument :
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Tgt Ion: 94 Resp: 31592
Ion Ratio Lower Upper
94 100
96 95.5 75.0 112.4

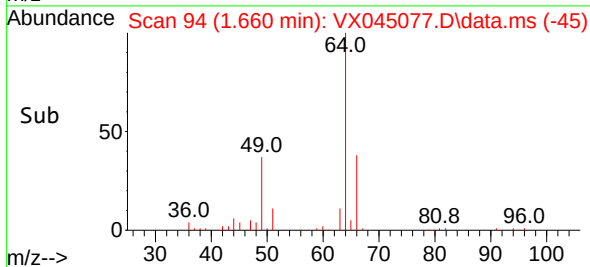
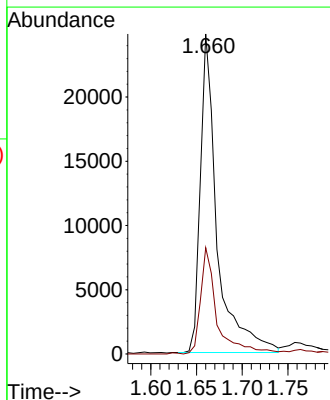
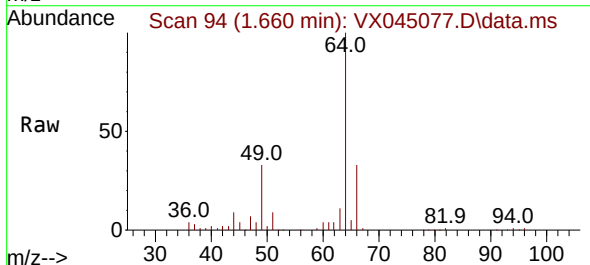
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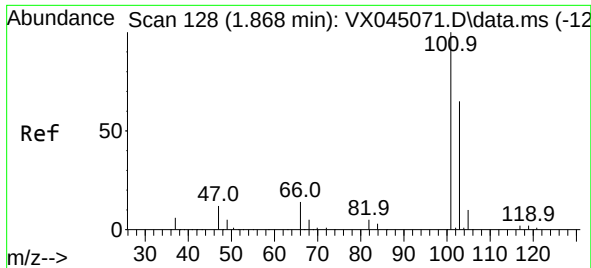
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#6
Chloroethane
Concen: 40.092 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Tgt Ion: 64 Resp: 31648
Ion Ratio Lower Upper
64 100
66 33.1 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 49.383 ug/l
 RT: 1.867 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

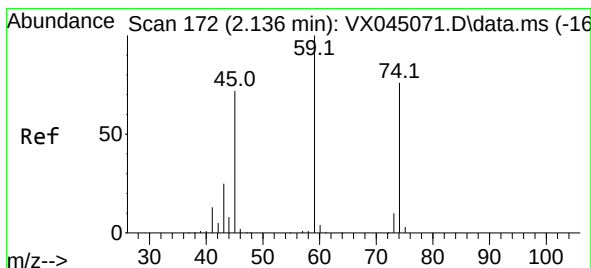
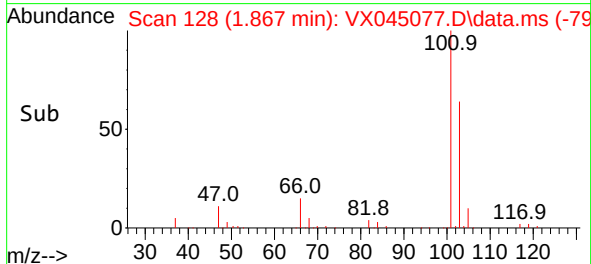
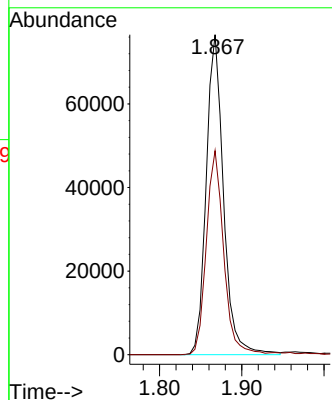
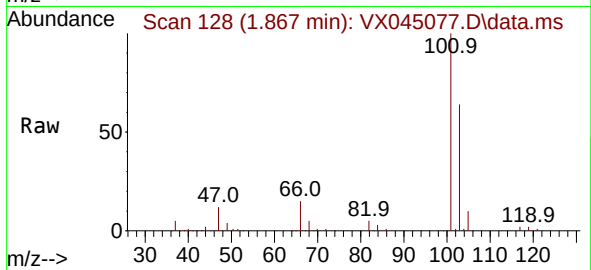
VSTDCCC050

Tgt Ion:101 Resp: 111880
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.1 78.1

Manual Integrations

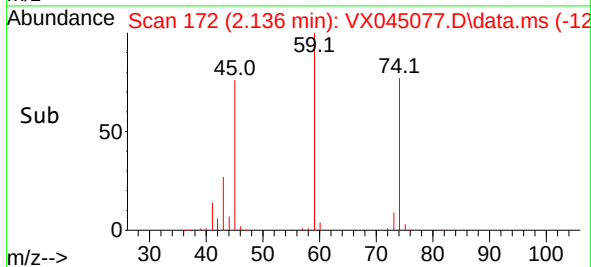
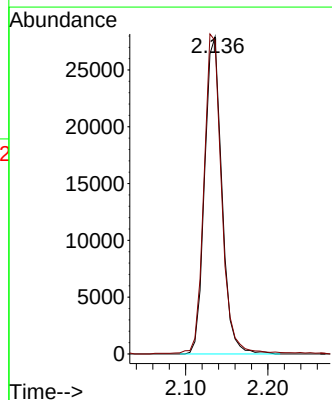
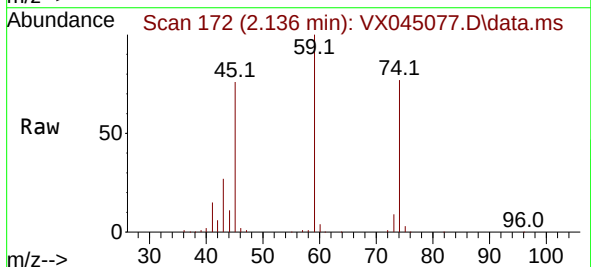
APPROVED

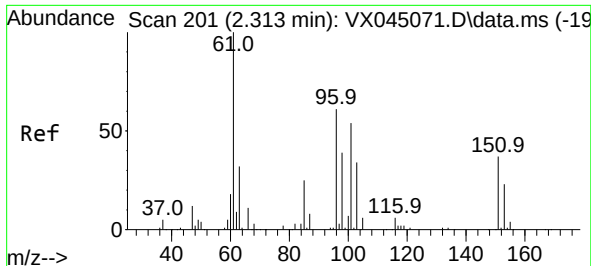
Reviewed By :John Carlone 03/03/2025
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#8
 Diethyl Ether
 Concen: 45.828 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX045077.D
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Tgt Ion: 74 Resp: 40610
 Ion Ratio Lower Upper
 74 100
 45 103.8 51.5 154.5





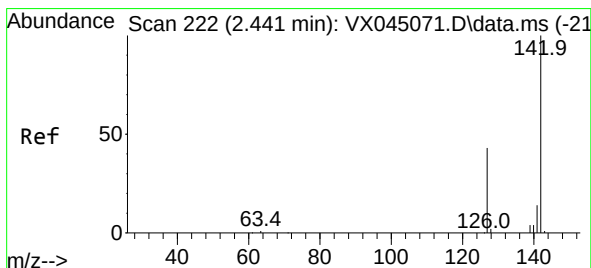
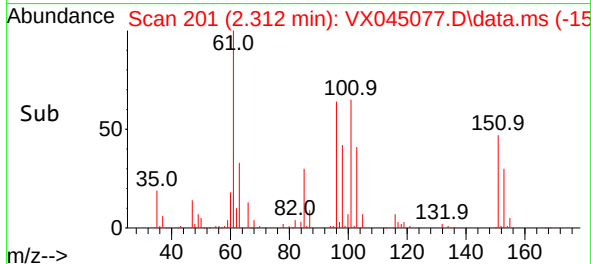
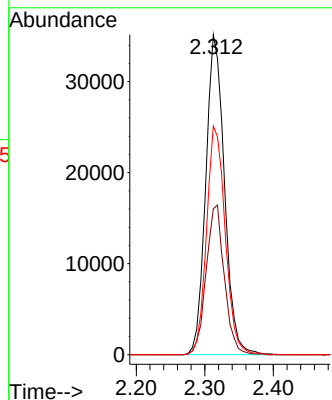
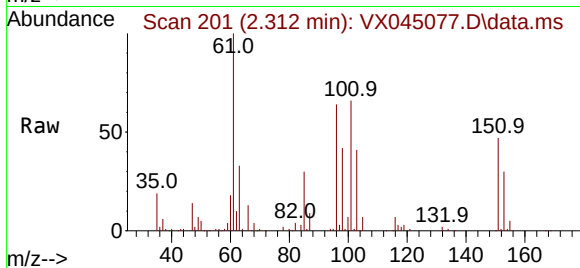
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.199 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045077.D
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VSTDCCC050

Tgt Ion:101 Resp: 66640
Ion Ratio Lower Upper
101 100
85 45.8 36.2 54.4
151 71.6 56.4 84.6

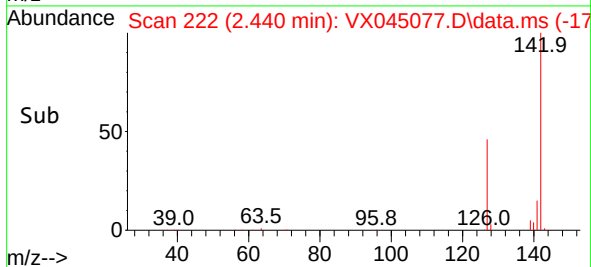
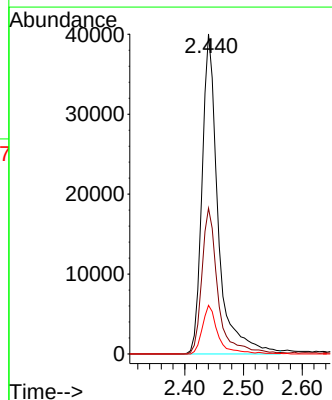
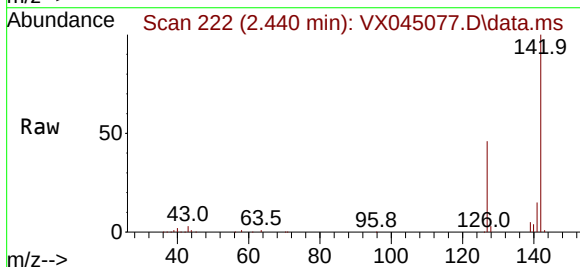
Manual Integrations
APPROVED

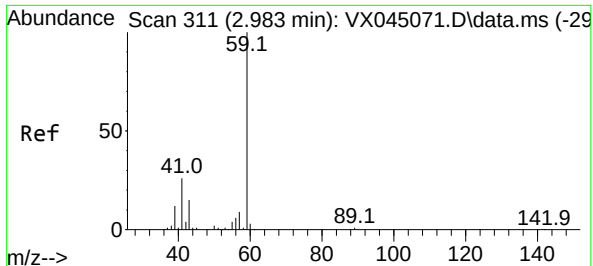
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#10
Methyl Iodide
Concen: 46.970 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Tgt Ion:142 Resp: 76401
Ion Ratio Lower Upper
142 100
127 45.8 35.4 53.2
141 14.6 11.6 17.4





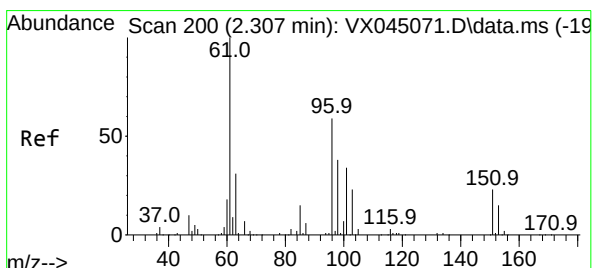
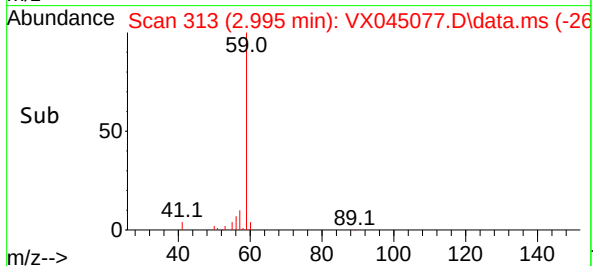
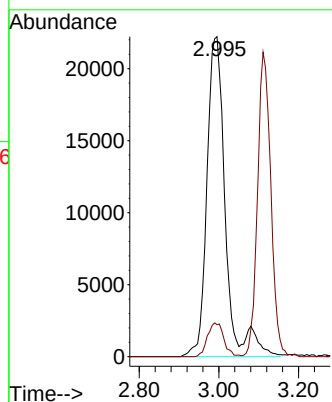
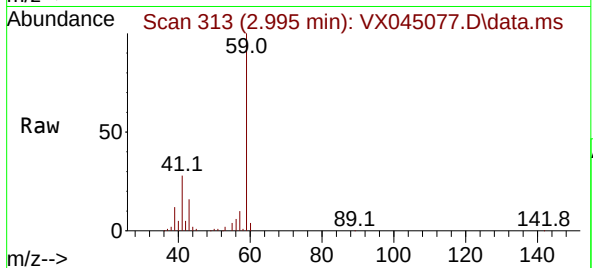
#11
Tert butyl alcohol
Concen: 211.016 ug/l m
RT: 2.995 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 71200
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.8

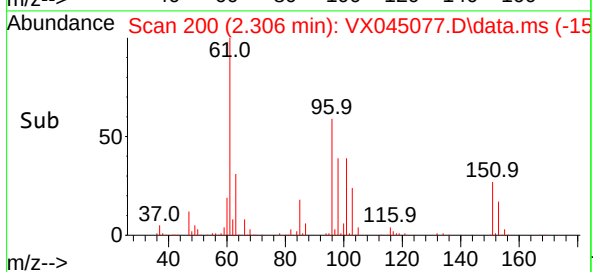
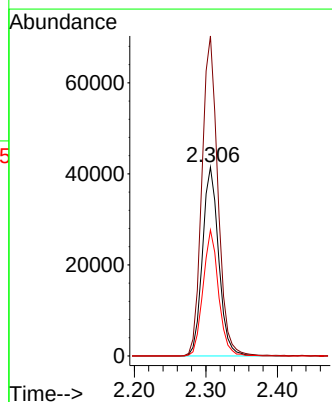
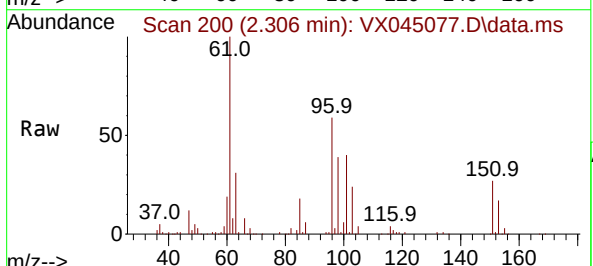
Manual Integrations
APPROVED

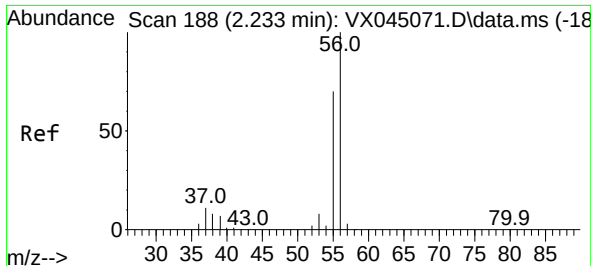
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#12
1,1-Dichloroethene
Concen: 47.513 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

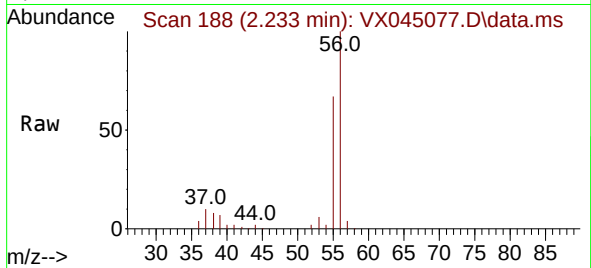
Tgt Ion: 96 Resp: 65383
Ion Ratio Lower Upper
96 100
61 169.5 134.6 202.0
98 66.7 51.0 76.6





#13
Acrolein
Concen: 260.033 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

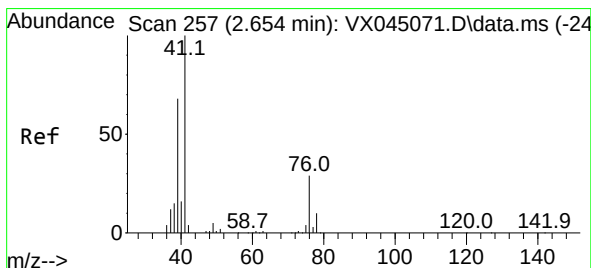
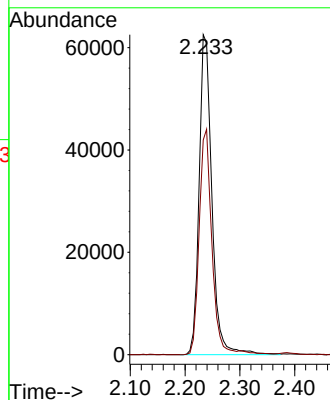
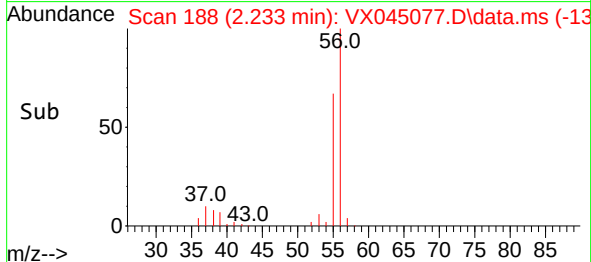
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 101424
Ion Ratio Lower Upper
56 100
55 69.3 56.2 84.4

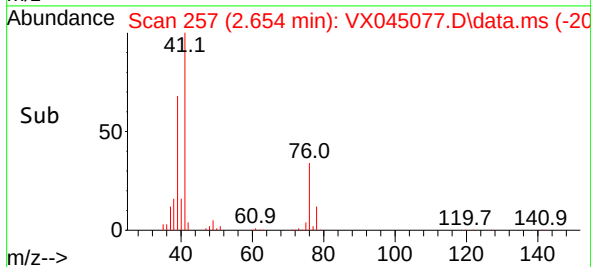
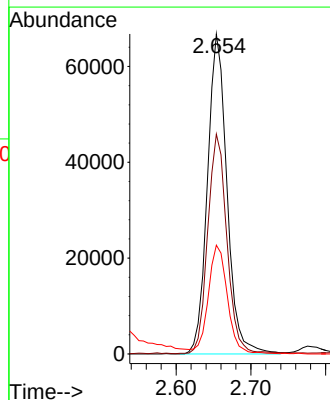
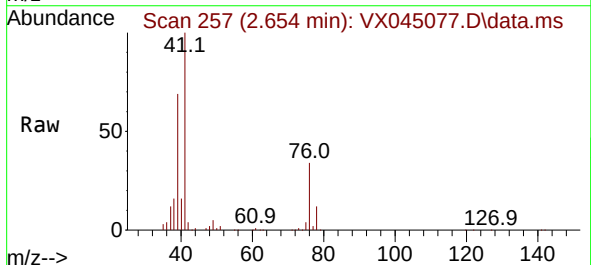
Manual Integrations
APPROVED

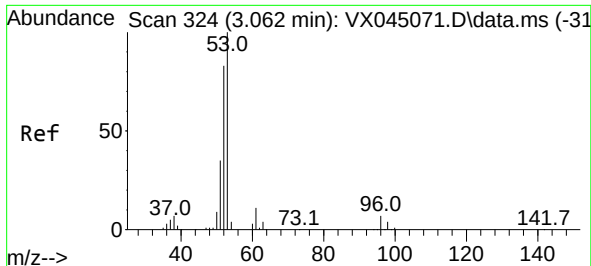
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#14
Allyl chloride
Concen: 49.523 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

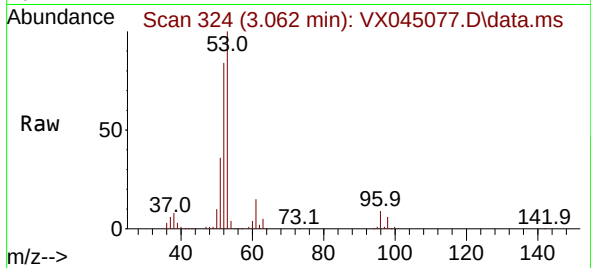
Tgt Ion: 41 Resp: 121309
Ion Ratio Lower Upper
41 100
39 67.2 53.8 80.8
76 33.1 25.2 37.8





#15
Acrylonitrile
Concen: 224.925 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

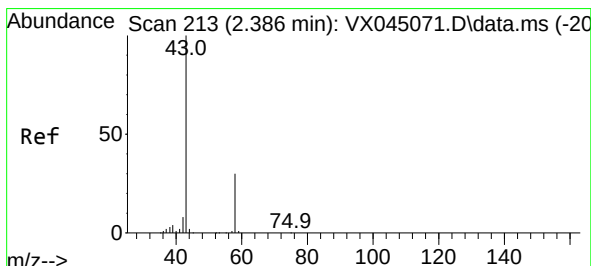
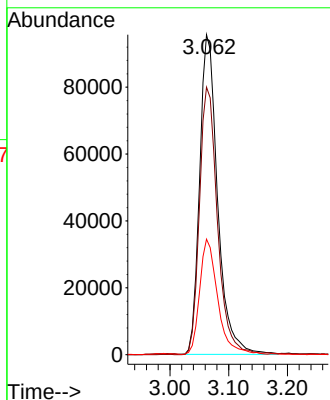
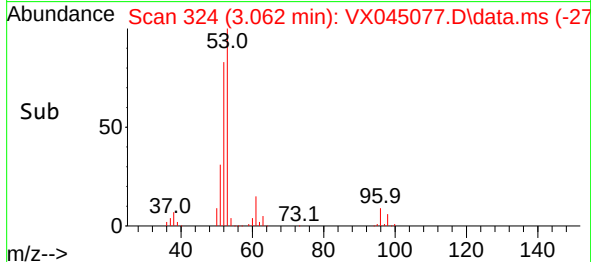
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 20340
Ion Ratio Lower Upper
53 100
52 84.2 66.2 99.2
51 36.1 29.0 43.4

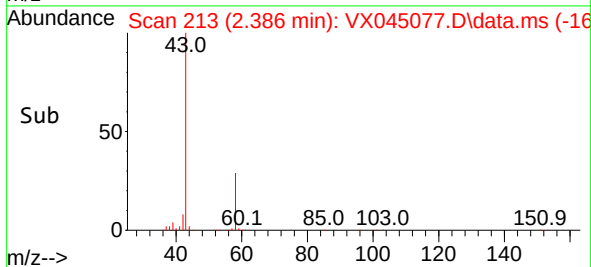
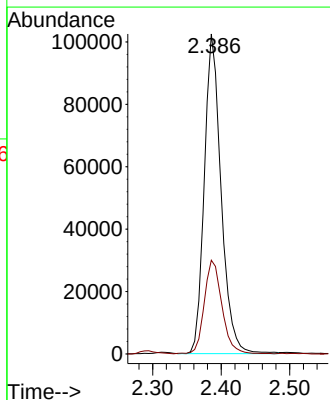
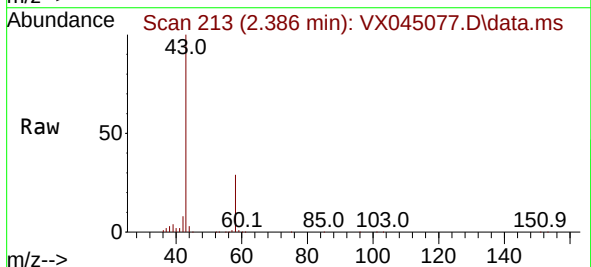
Manual Integrations
APPROVED

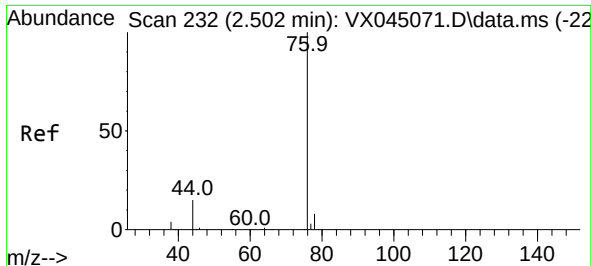
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#16
Acetone
Concen: 211.319 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Tgt Ion: 43 Resp: 174653
Ion Ratio Lower Upper
43 100
58 29.2 24.2 36.4





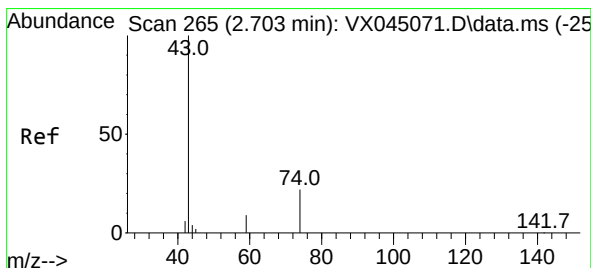
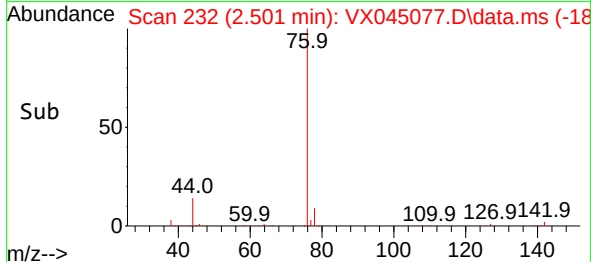
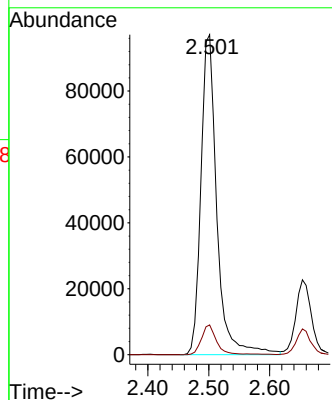
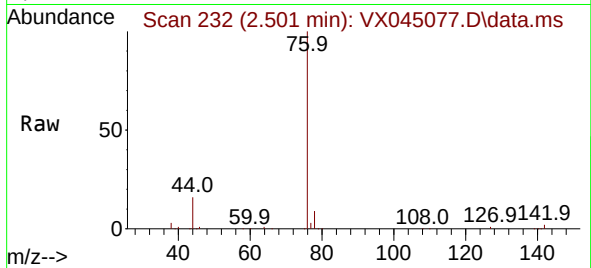
#17
Carbon Disulfide
Concen: 48.016 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 175990
Ion Ratio Lower Upper
76 100
78 9.3 6.6 9.8

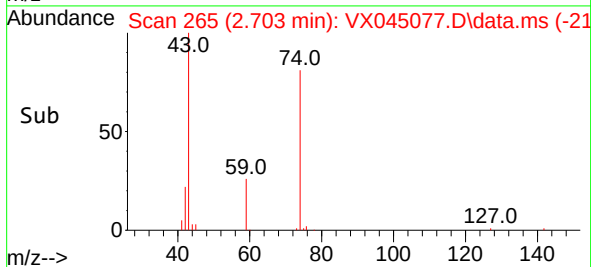
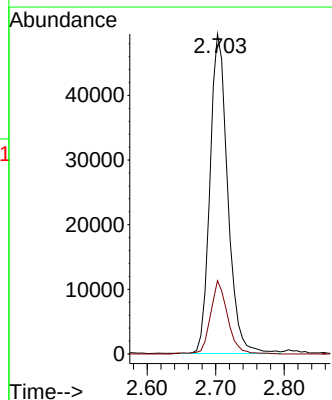
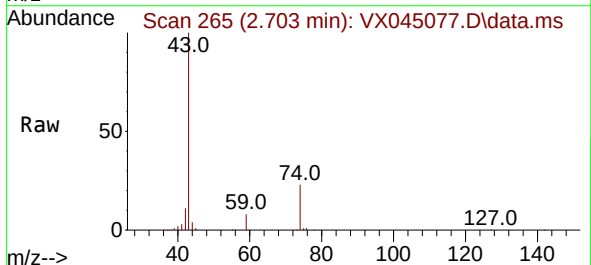
Manual Integrations
APPROVED

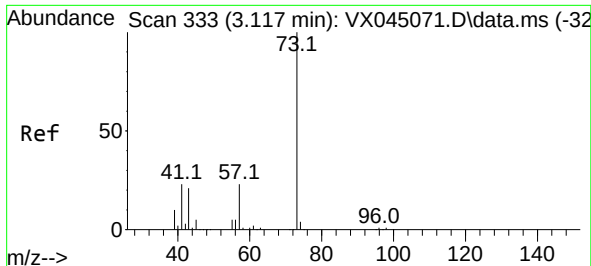
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#18
Methyl Acetate
Concen: 44.725 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Tgt Ion: 43 Resp: 88925
Ion Ratio Lower Upper
43 100
74 22.3 17.4 26.2





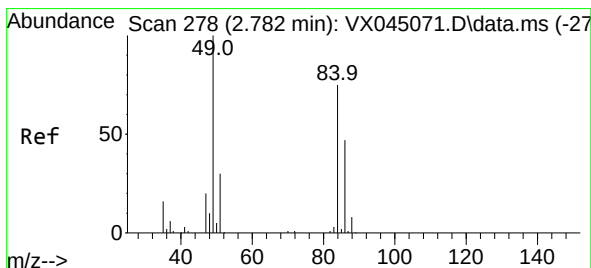
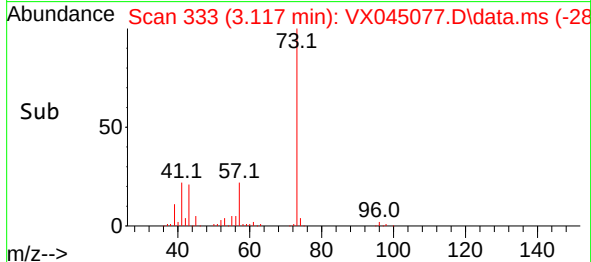
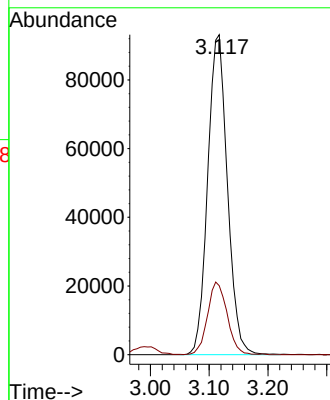
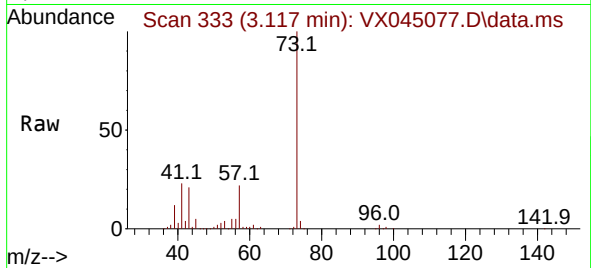
#19
Methyl tert-butyl Ether
Concen: 46.929 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 21666
Ion Ratio Lower Upper
73 100
57 21.5 18.5 27.7

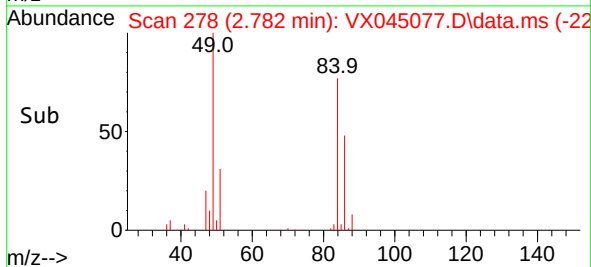
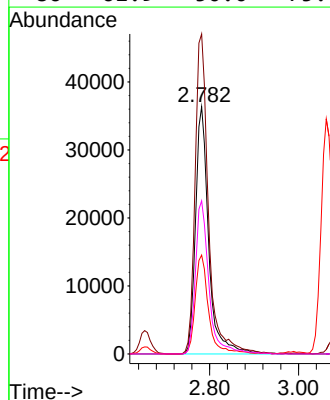
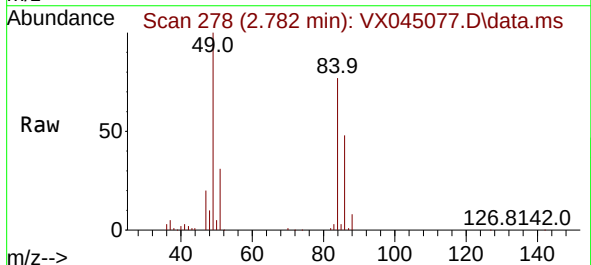
Manual Integrations
APPROVED

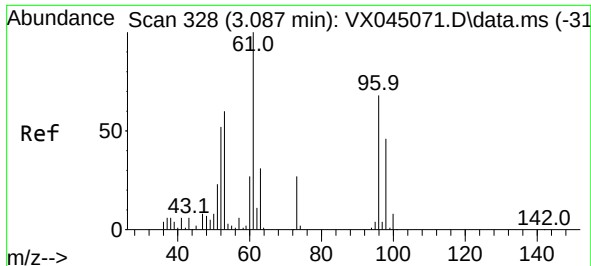
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#20
Methylene Chloride
Concen: 45.613 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

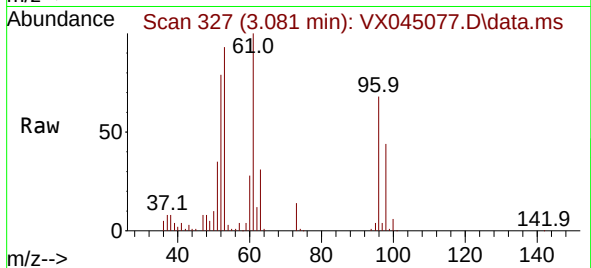
Tgt Ion: 84 Resp: 74677
Ion Ratio Lower Upper
84 100
49 129.4 106.5 159.7
51 40.0 32.1 48.1
86 61.9 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 48.249 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

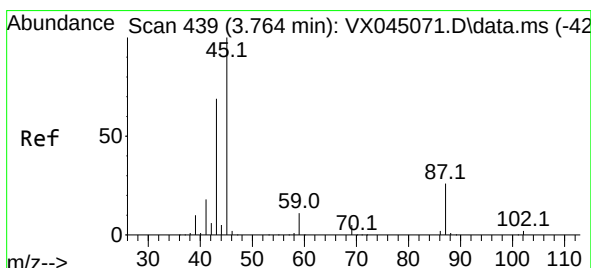
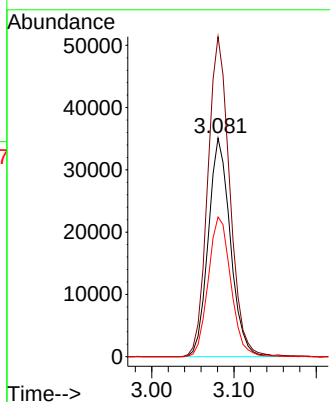
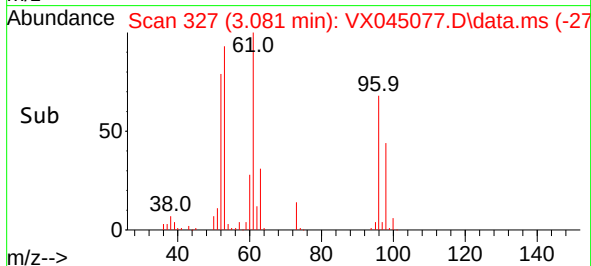
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 6559
Ion Ratio Lower Upper
96 100
61 146.4 117.0 175.4
98 64.0 53.4 80.2

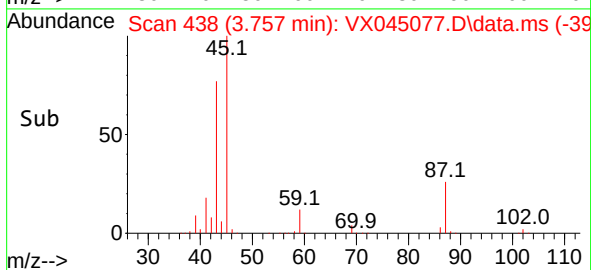
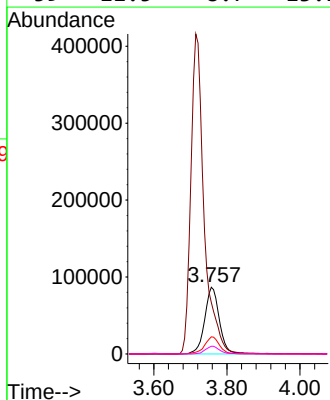
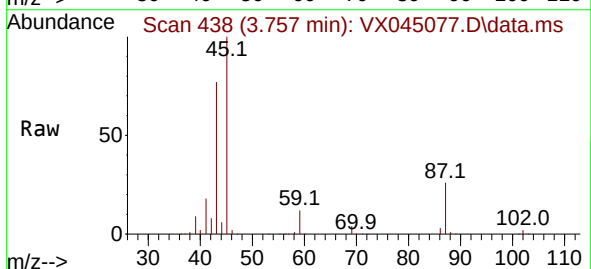
Manual Integrations
APPROVED

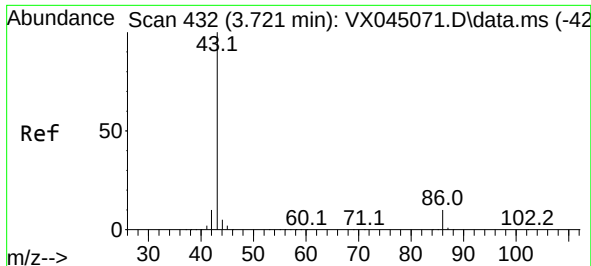
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#22
Diisopropyl ether
Concen: 48.301 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

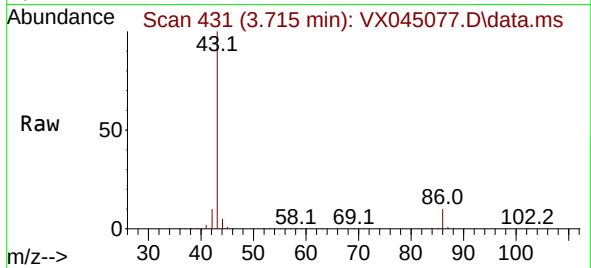
Tgt Ion: 45 Resp: 240622
Ion Ratio Lower Upper
45 100
43 76.9 54.9 82.3
87 25.7 21.0 31.4
59 11.5 8.7 13.1





#23
 Vinyl Acetate
 Concen: 251.185 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32

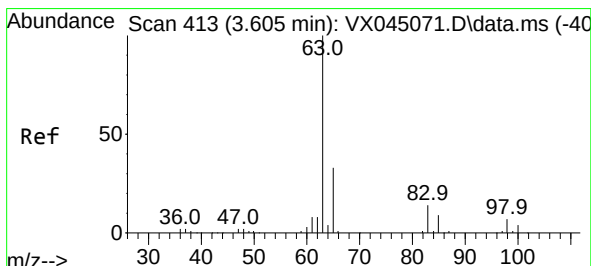
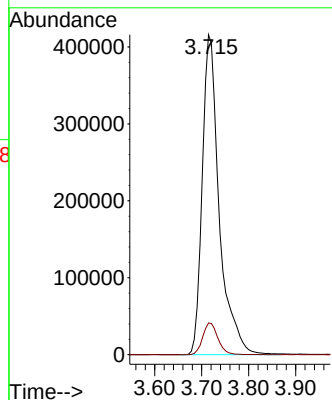
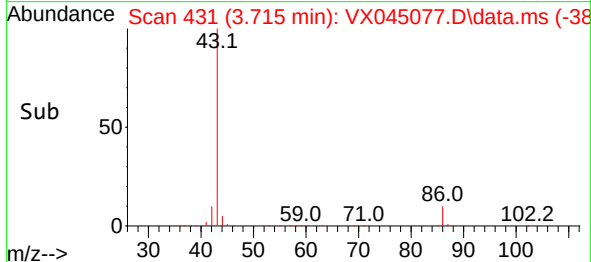
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 104425
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.1 12.1

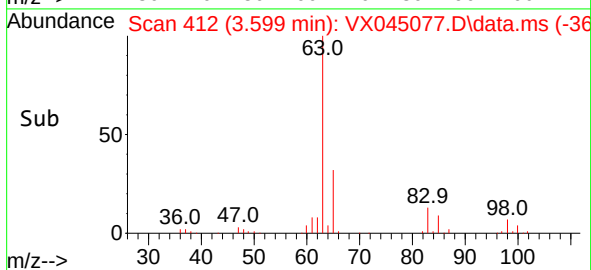
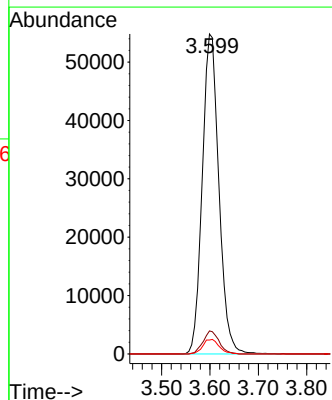
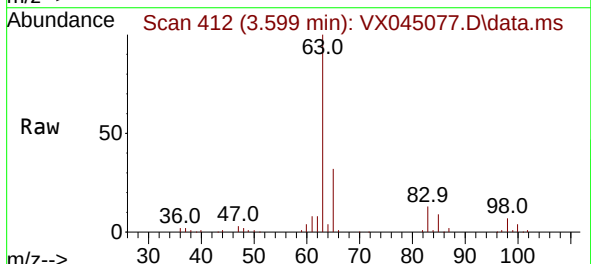
Manual Integrations
 APPROVED

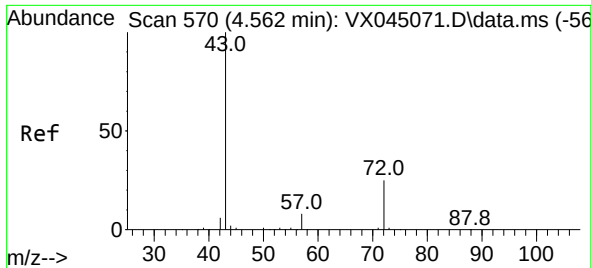
Reviewed By :John Carlone 03/03/2025
 Supervised By :Mahesh Dadoda 03/03/2025



#24
 1,1-Dichloroethane
 Concen: 46.825 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32

Tgt Ion: 63 Resp: 130733
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.2
 100 4.4 2.1 6.5





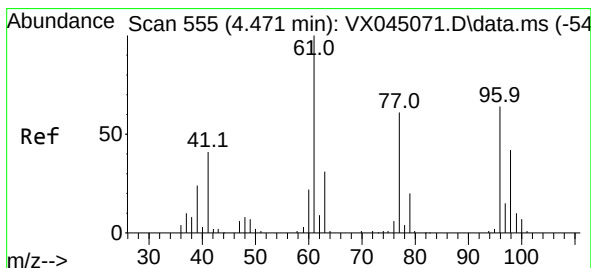
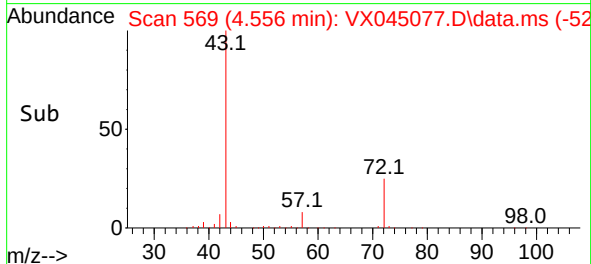
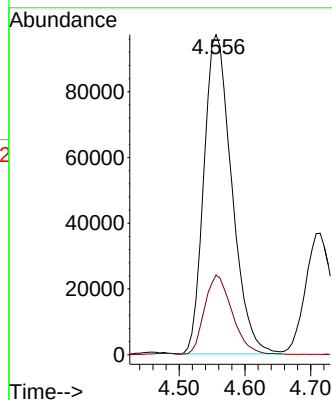
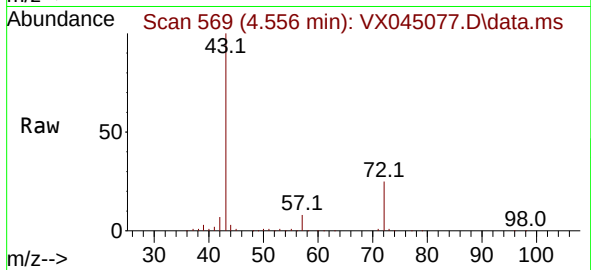
#25
2-Butanone
Concen: 230.258 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 286458
Ion Ratio Lower Upper
43 100
72 24.8 20.0 30.0

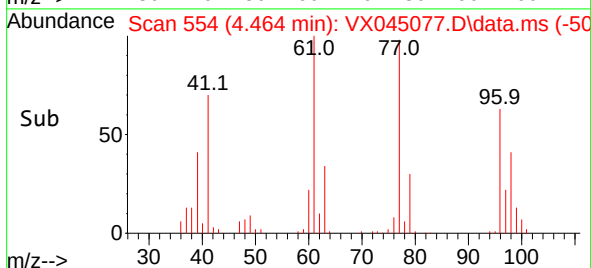
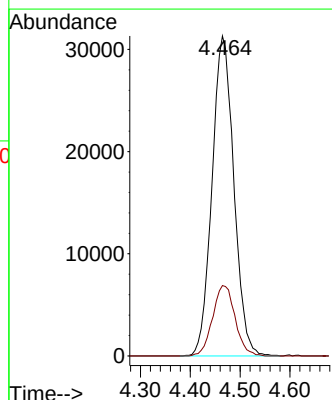
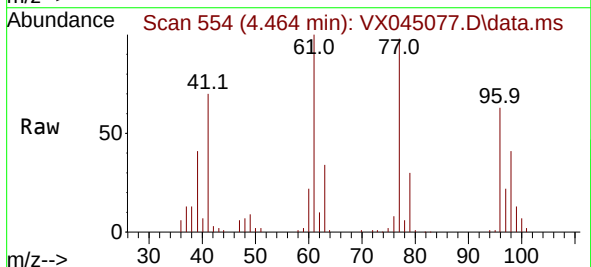
Manual Integrations
APPROVED

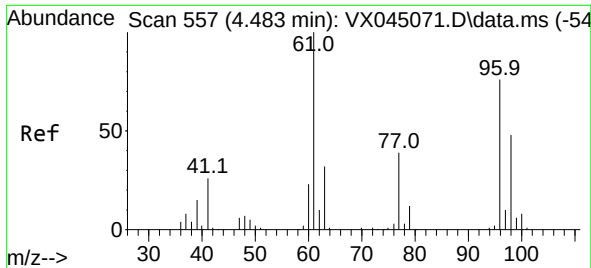
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#26
2,2-Dichloropropane
Concen: 72.639 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Tgt Ion: 77 Resp: 95125
Ion Ratio Lower Upper
77 100
97 22.7 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 47.500 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

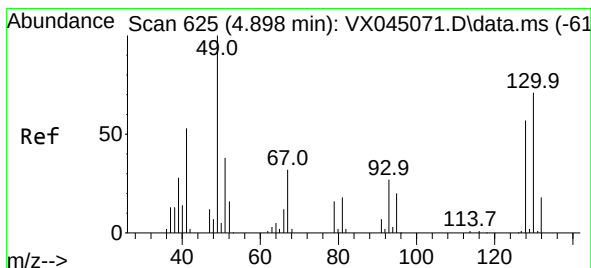
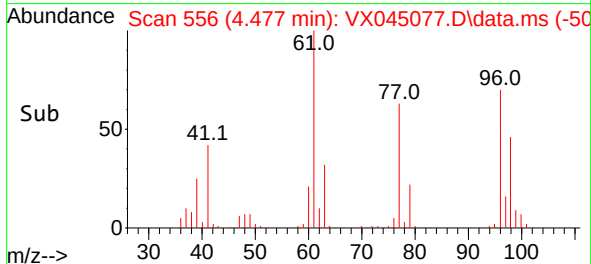
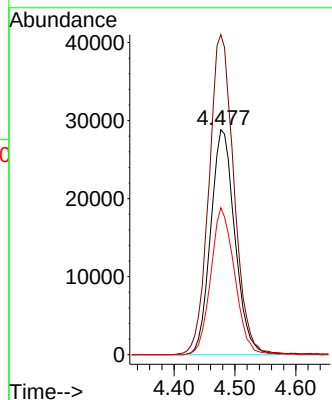
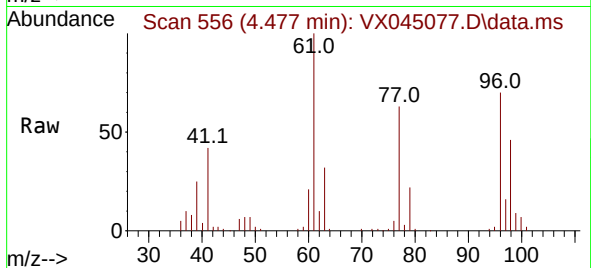
VSTDCCC050

Tgt Ion: 96 Resp: 79710
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 283.2
 98 64.4 0.0 128.0

Manual Integrations

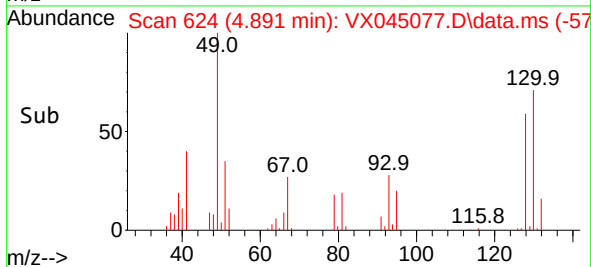
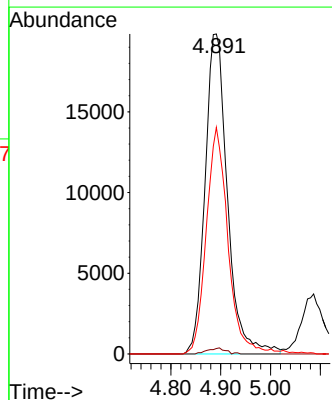
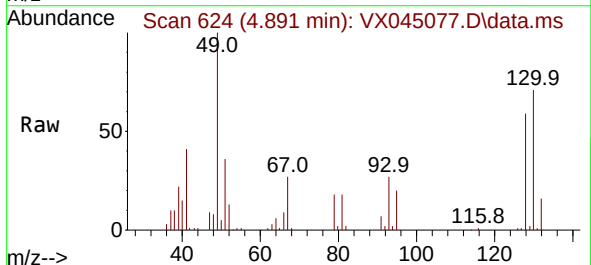
APPROVED

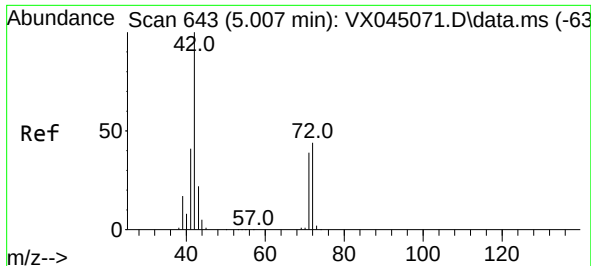
Reviewed By :John Carlone 03/03/2025
 Supervised By :Mahesh Dadoda 03/03/2025



#28
 Bromochloromethane
 Concen: 46.457 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32

Tgt Ion: 49 Resp: 61824
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.4
 130 68.6 56.1 84.1





#29

Tetrahydrofuran

Concen: 224.369 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX045077.D

Acq: 28 Feb 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 18745

Ion Ratio Lower Upper

42 100

72 42.6 34.1 51.1

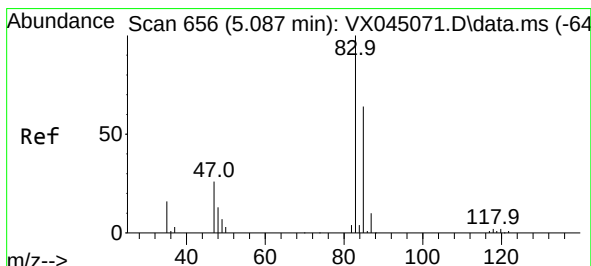
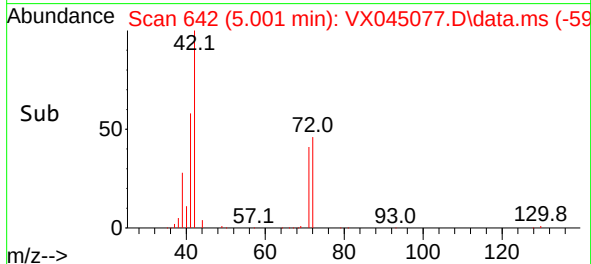
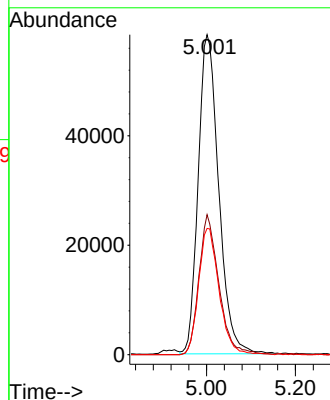
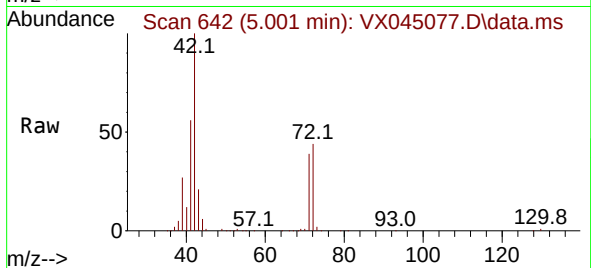
71 39.5 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#30

Chloroform

Concen: 46.017 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045077.D

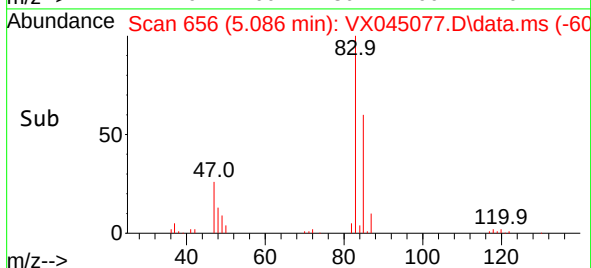
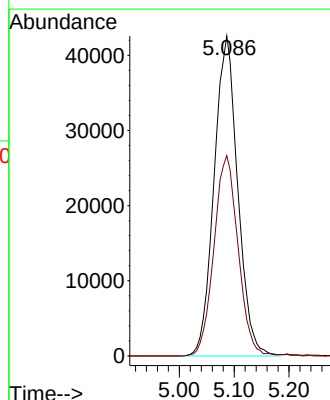
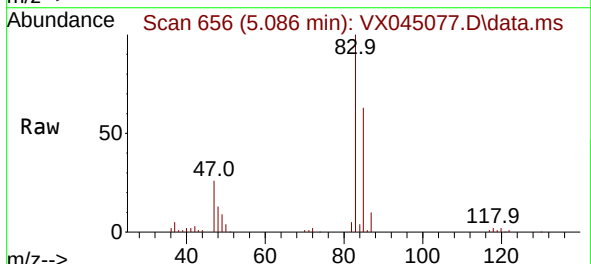
Acq: 28 Feb 2025 10:32

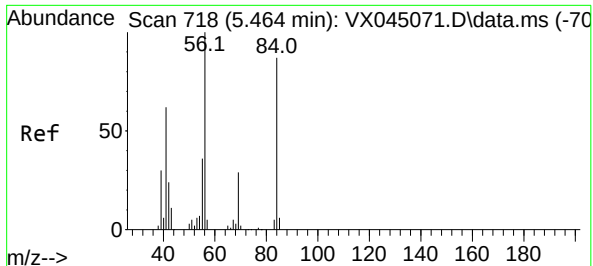
Tgt Ion: 83 Resp: 127656

Ion Ratio Lower Upper

83 100

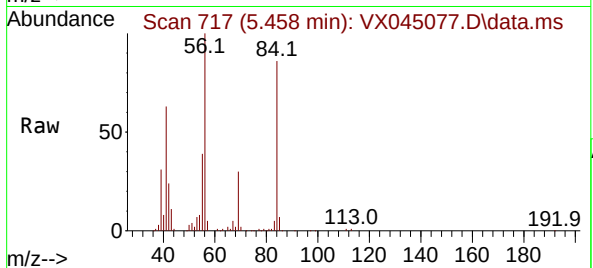
85 62.6 51.4 77.2





#31
Cyclohexane
Concen: 49.820 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

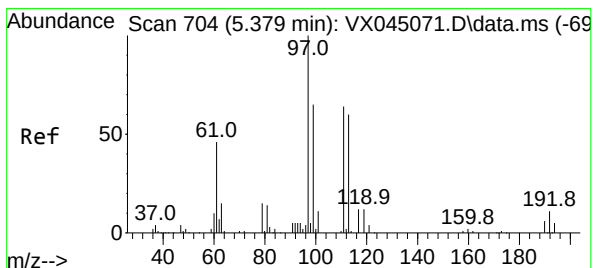
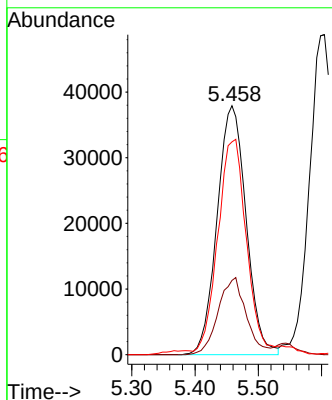
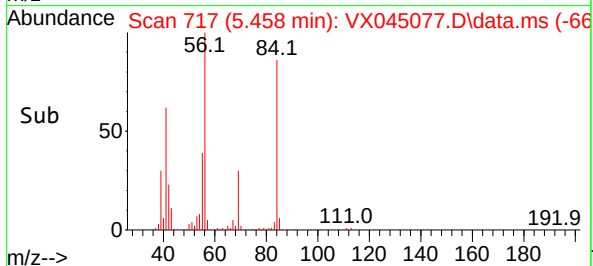
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 12074
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 84.1 69.4 104.2

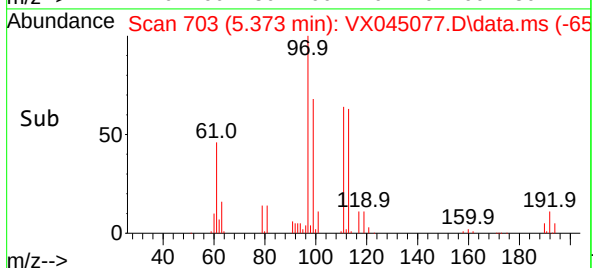
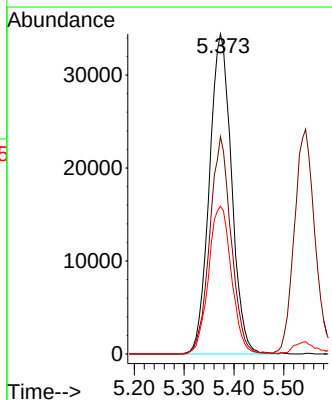
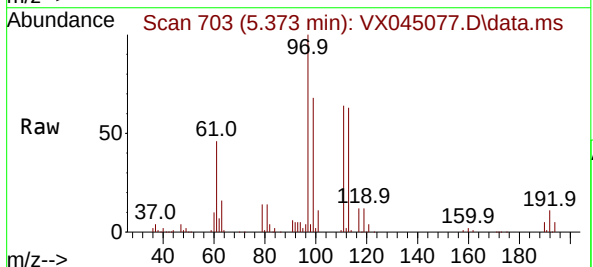
Manual Integrations
APPROVED

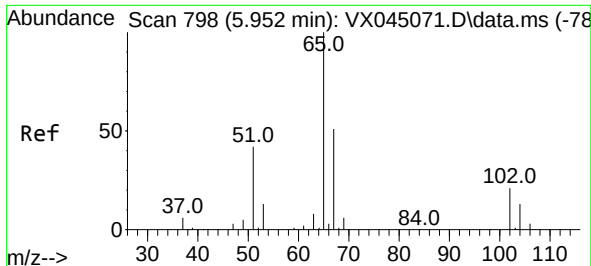
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#32
1,1,1-Trichloroethane
Concen: 47.389 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Tgt Ion: 97 Resp: 106176
Ion Ratio Lower Upper
97 100
99 65.4 51.6 77.4
61 47.9 38.4 57.6





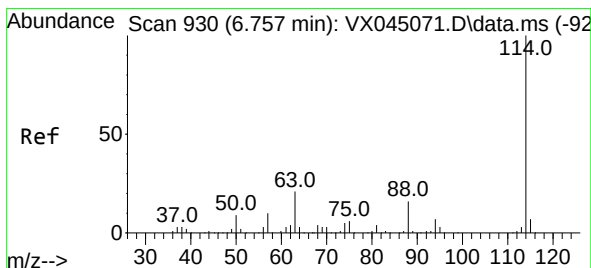
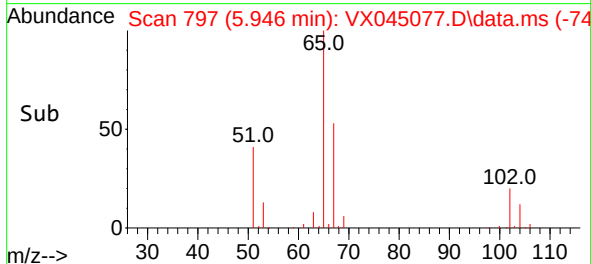
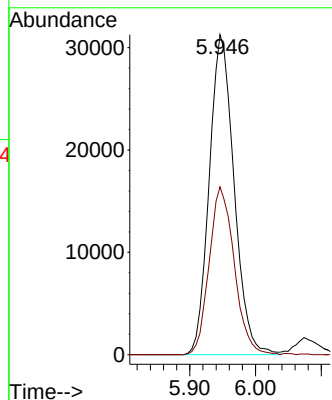
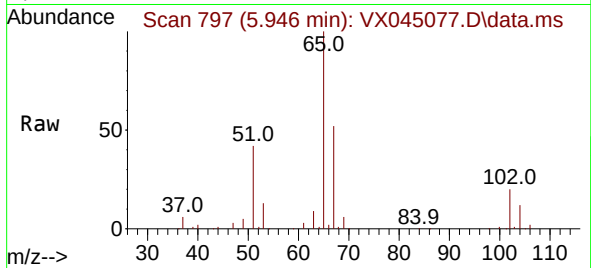
#33
1,2-Dichloroethane-d4
Concen: 46.113 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 8214
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.2

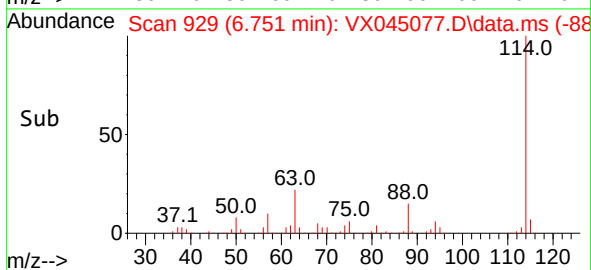
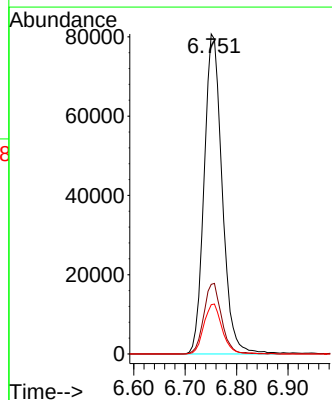
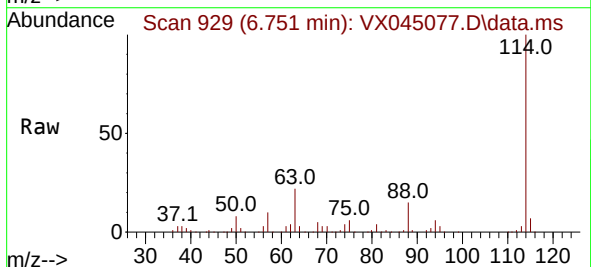
Manual Integrations
APPROVED

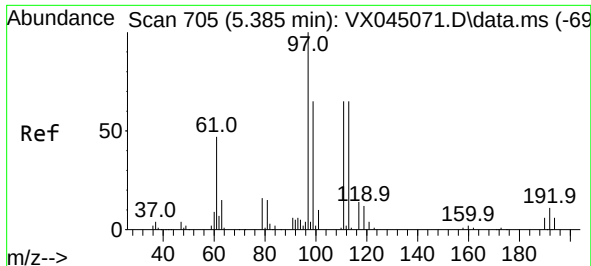
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

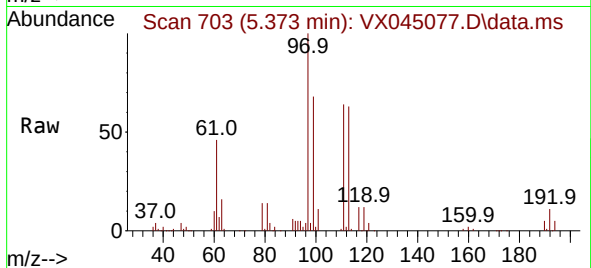
Tgt Ion:114 Resp: 196414
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.8
88 15.4 0.0 32.8





#35
Dibromofluoromethane
Concen: 49.532 ug/l
RT: 5.373 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

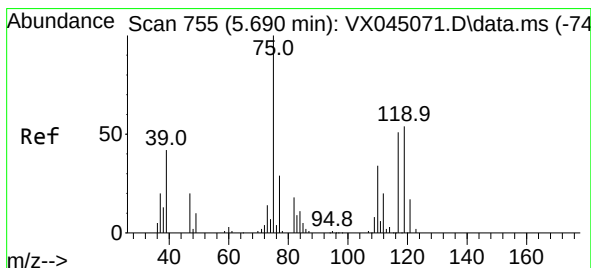
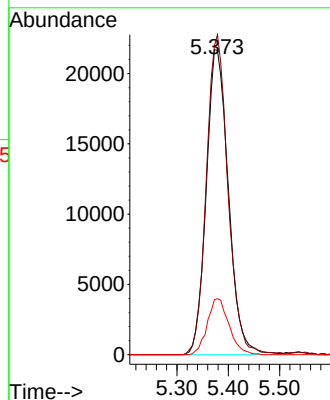
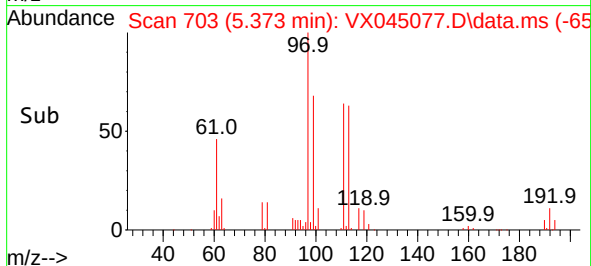
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 65054
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 18.0 14.3 21.5

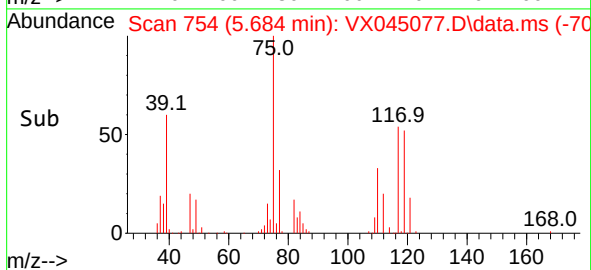
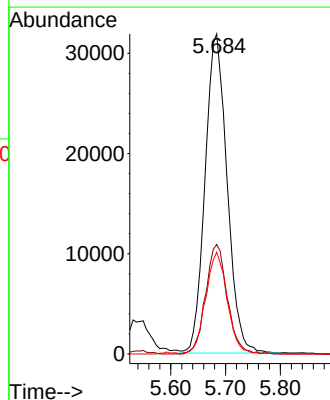
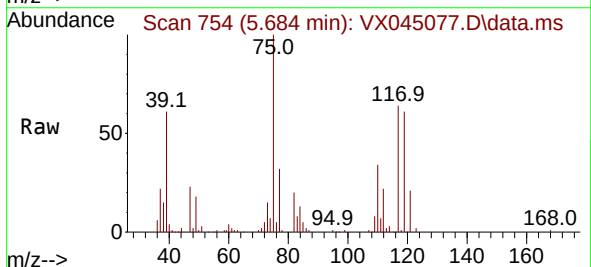
Manual Integrations
APPROVED

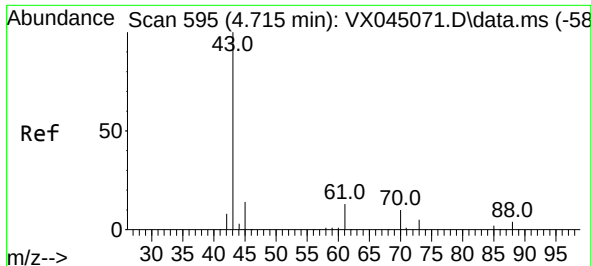
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#36
1,1-Dichloropropene
Concen: 49.241 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

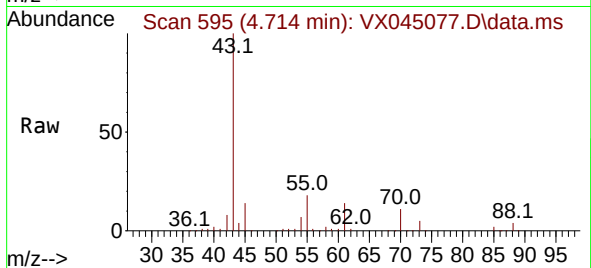
Tgt Ion: 75 Resp: 88691
Ion Ratio Lower Upper
75 100
110 33.8 16.9 50.6
77 31.1 24.5 36.7





#37
Ethyl Acetate
Concen: 47.651 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

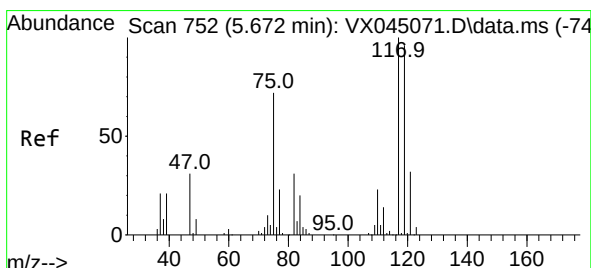
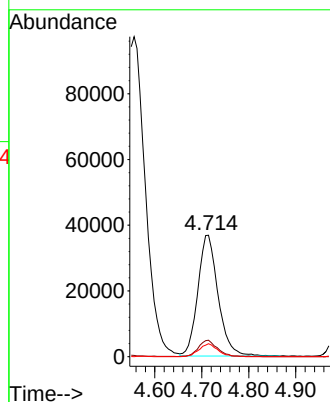
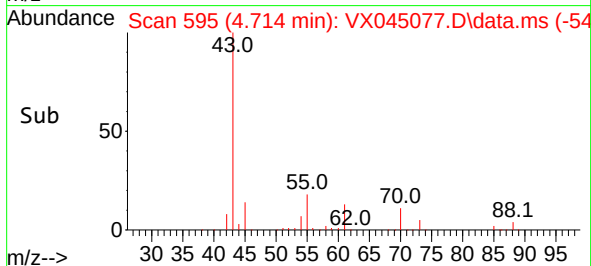
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 110594
Ion Ratio Lower Upper
43 100
61 12.4 10.8 16.2
70 9.9 7.7 11.5

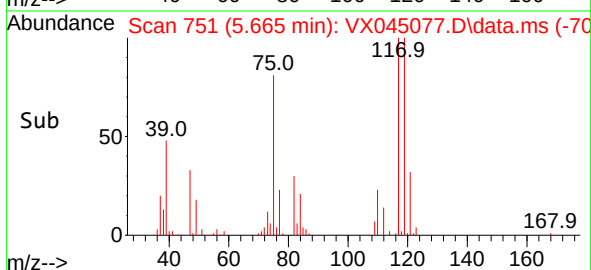
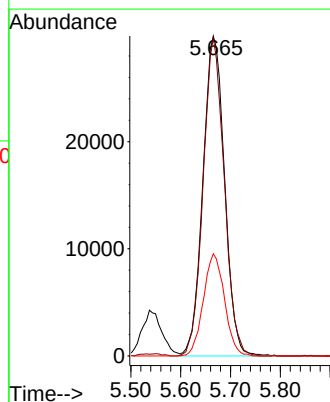
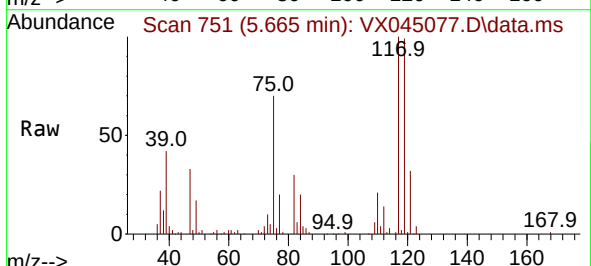
Manual Integrations
APPROVED

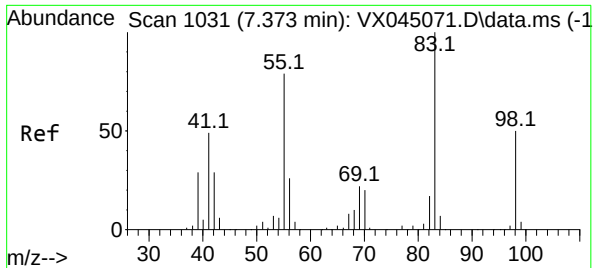
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#38
Carbon Tetrachloride
Concen: 49.318 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Tgt Ion:117 Resp: 90184
Ion Ratio Lower Upper
117 100
119 99.4 76.7 115.1
121 32.0 25.5 38.3





#39
Methylcyclohexane
Concen: 56.161 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

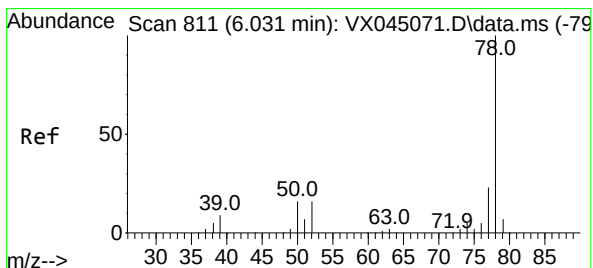
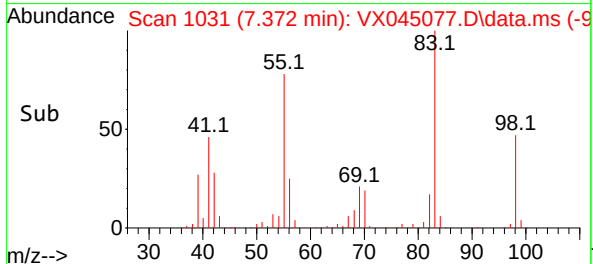
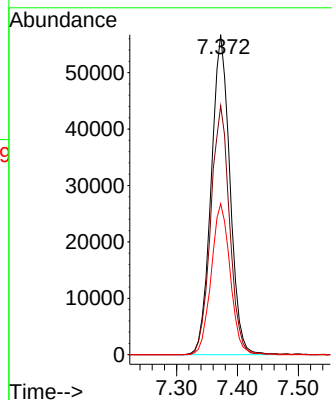
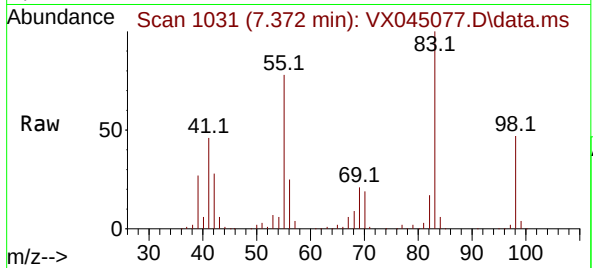
Tgt Ion: 83 Resp: 12120
Ion Ratio Lower Upper
83 100
55 77.8 63.0 94.4
98 47.2 39.7 59.5

Manual Integrations

APPROVED

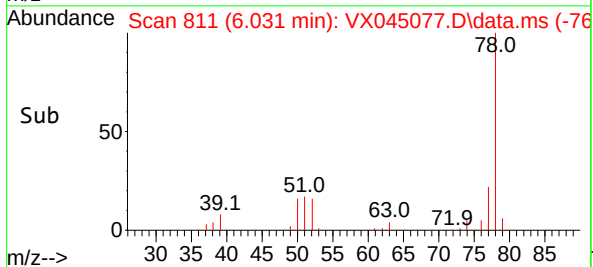
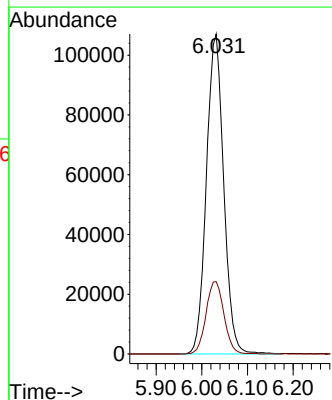
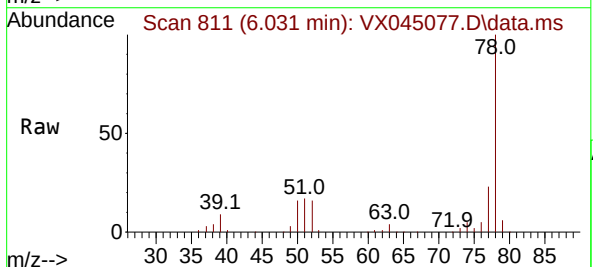
Reviewed By :John Carlone 03/03/2025

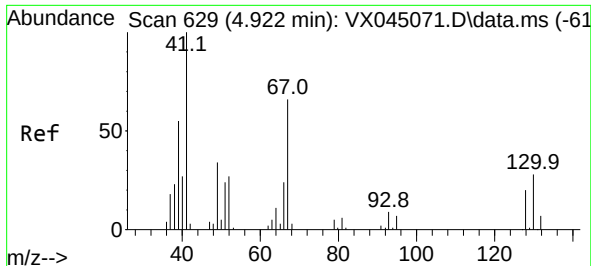
Supervised By :Mahesh Dadoda 03/03/2025



#40
Benzene
Concen: 49.480 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

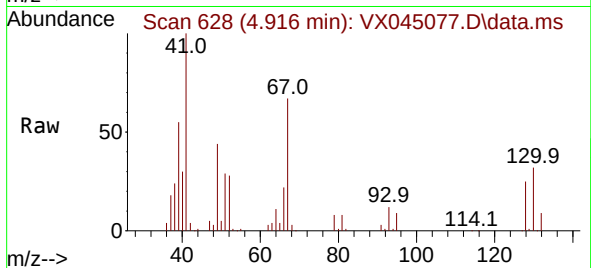
Tgt Ion: 78 Resp: 281425
Ion Ratio Lower Upper
78 100
77 22.6 18.8 28.2





#41
Methacrylonitrile
Concen: 48.126 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

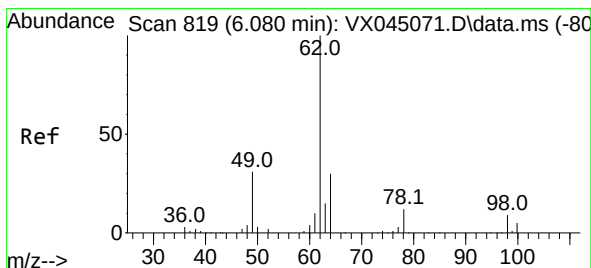
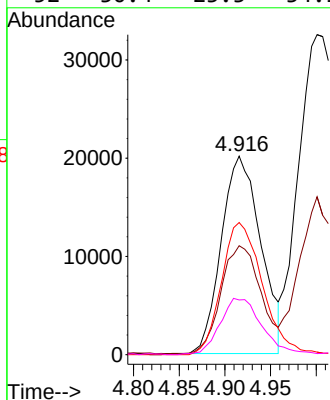
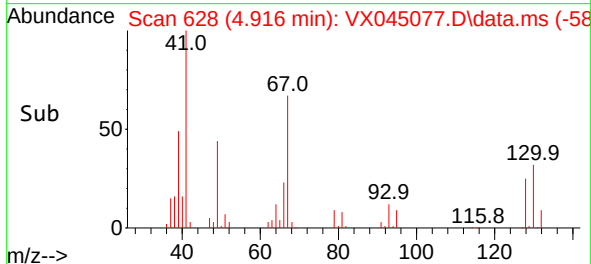
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 60390
Ion Ratio Lower Upper
41 100
39 55.6 44.6 67.0
67 69.8 53.9 80.9
52 30.4 23.3 34.9

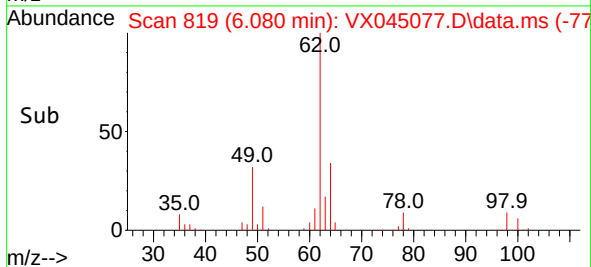
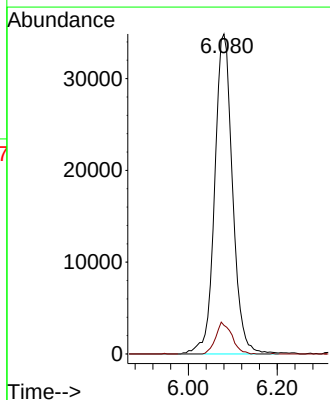
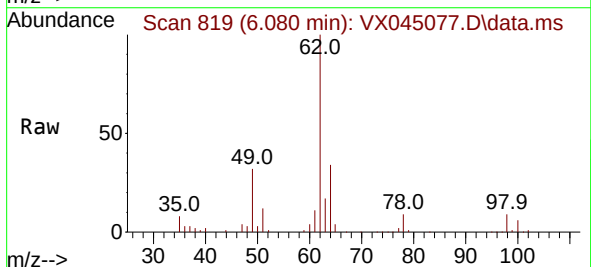
Manual Integrations
APPROVED

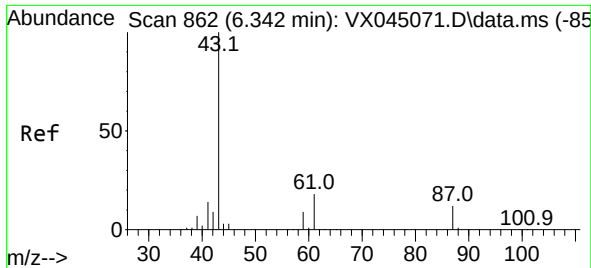
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#42
1,2-Dichloroethane
Concen: 47.405 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

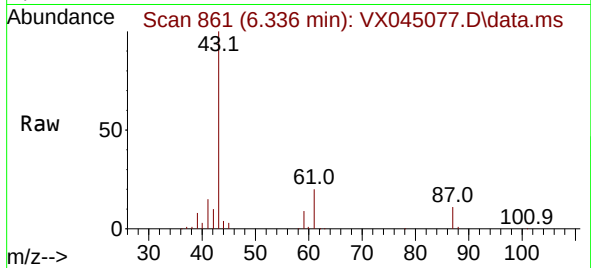
Tgt Ion: 62 Resp: 97091
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.2





#43
Isopropyl Acetate
Concen: 50.139 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

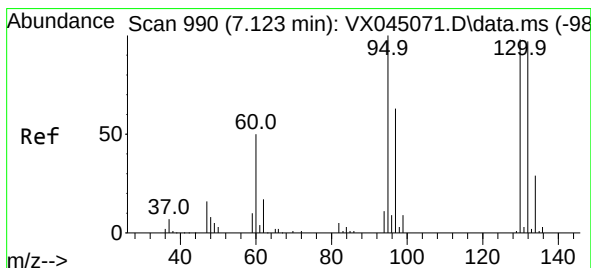
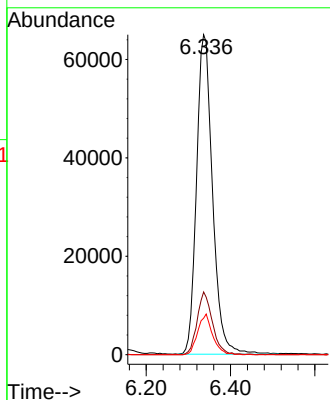
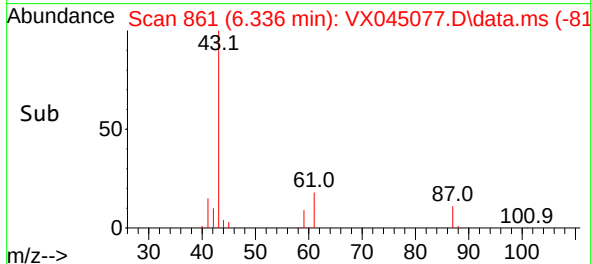
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 172070
Ion Ratio Lower Upper
43 100
61 18.7 14.9 22.3
87 11.8 9.4 14.2

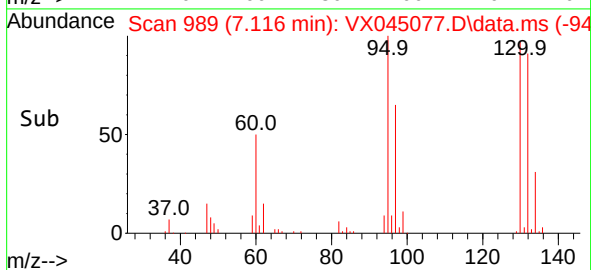
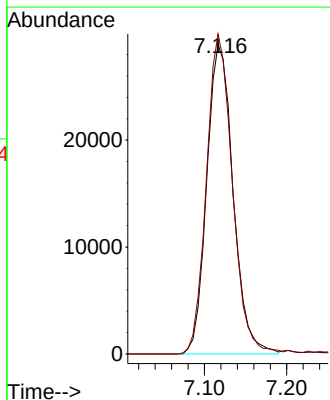
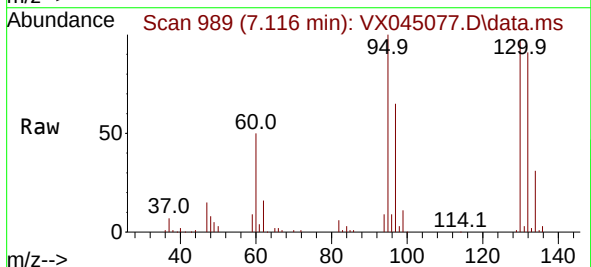
Manual Integrations
APPROVED

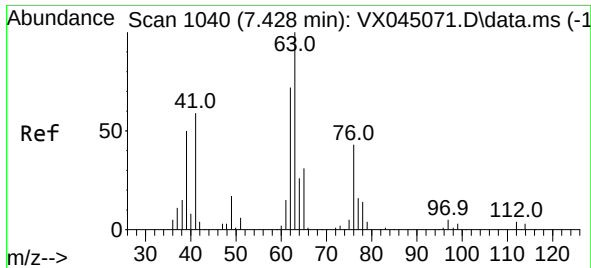
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#44
Trichloroethene
Concen: 48.221 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Tgt Ion:130 Resp: 64399
Ion Ratio Lower Upper
130 100
95 103.5 0.0 205.0





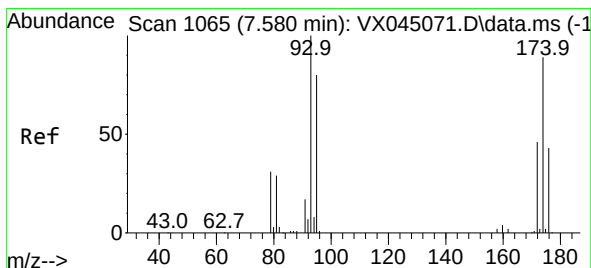
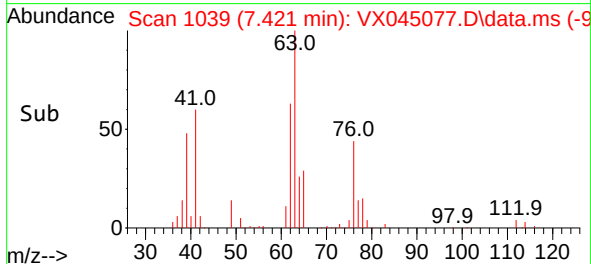
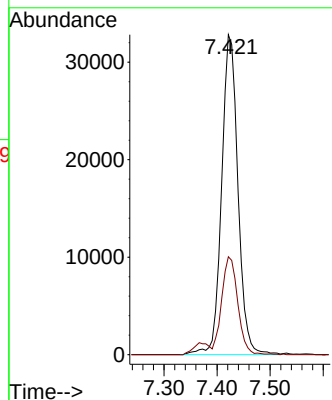
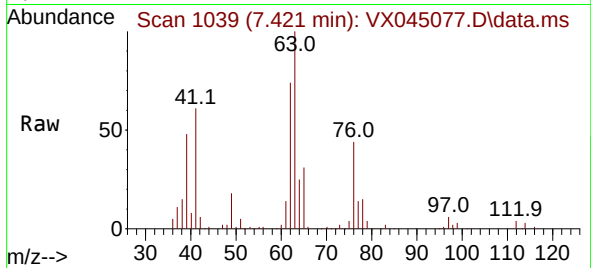
#45
1,2-Dichloropropane
Concen: 48.028 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 70234
Ion Ratio Lower Upper
63 100
65 30.6 24.7 37.1

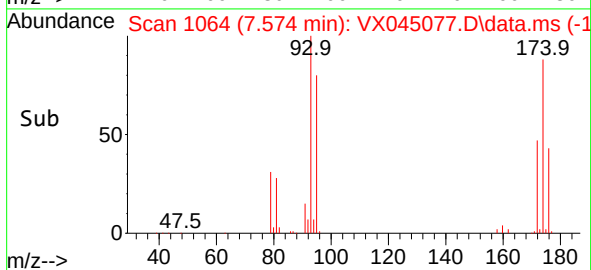
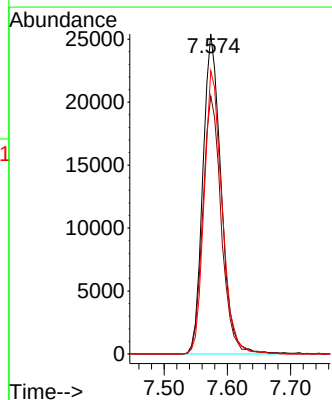
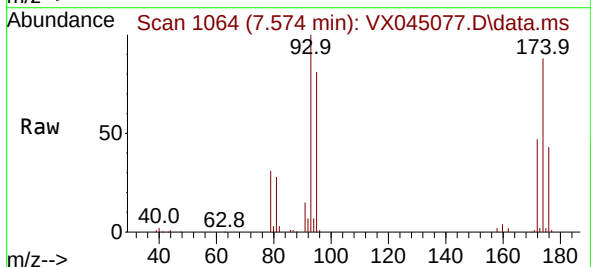
Manual Integrations
APPROVED

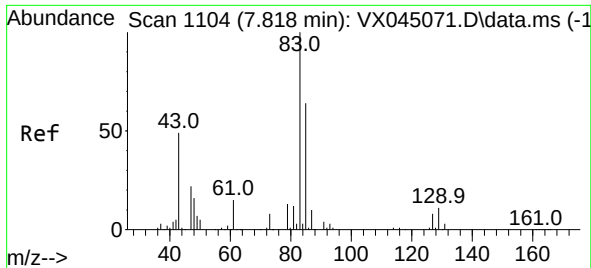
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#46
Dibromomethane
Concen: 49.300 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

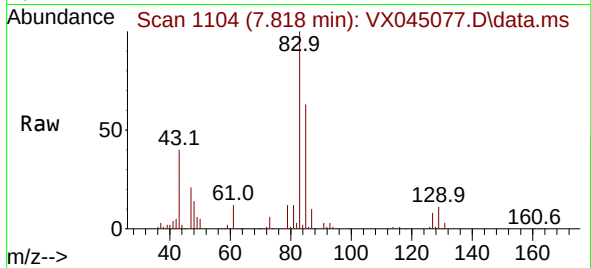
Tgt Ion: 93 Resp: 50957
Ion Ratio Lower Upper
93 100
95 81.4 65.8 98.8
174 87.1 72.2 108.2





#47
Bromodichloromethane
Concen: 49.243 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

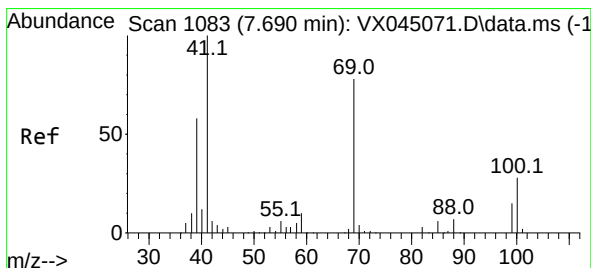
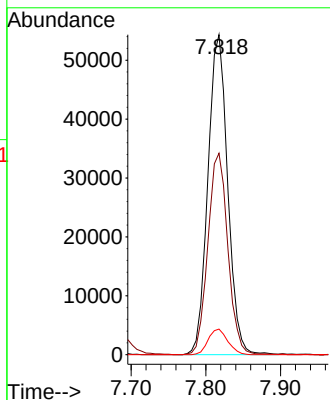
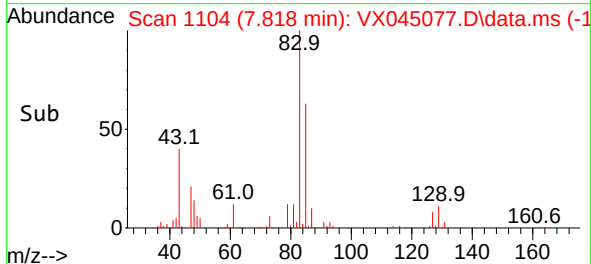
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



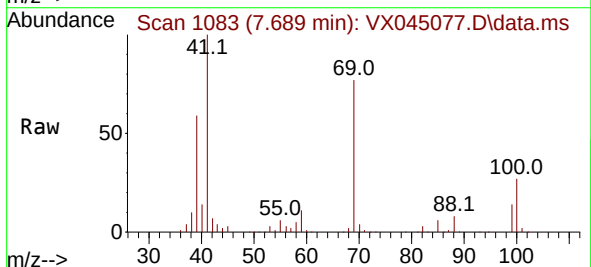
Tgt Ion: 83 Resp: 99834
Ion Ratio Lower Upper
83 100
85 62.9 51.1 76.7
127 8.0 6.4 9.6

Manual Integrations
APPROVED

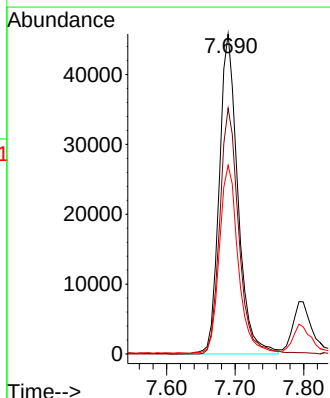
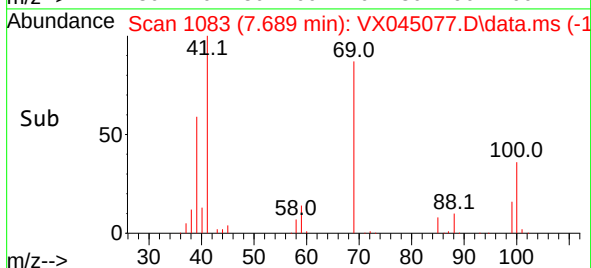
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

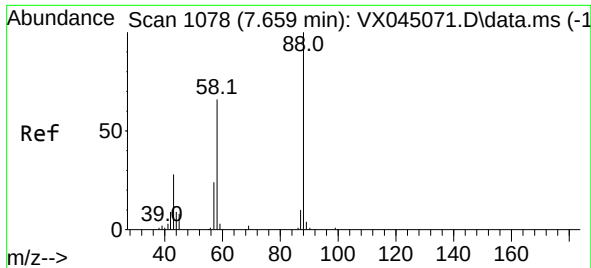


#48
Methyl methacrylate
Concen: 50.032 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32



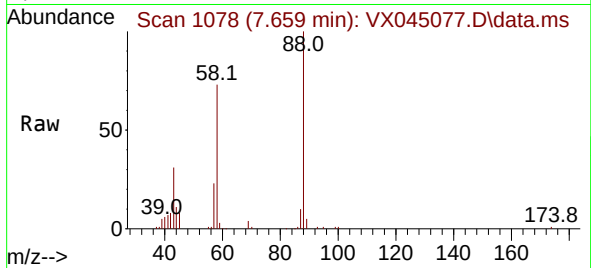
Tgt Ion: 41 Resp: 86144
Ion Ratio Lower Upper
41 100
69 78.3 63.0 94.6
39 59.5 47.5 71.3





#49
1,4-Dioxane
Concen: 912.798 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

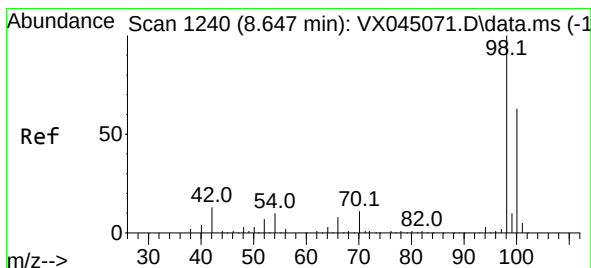
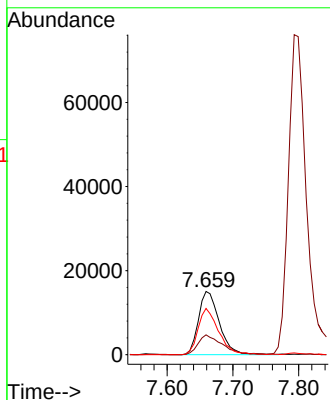
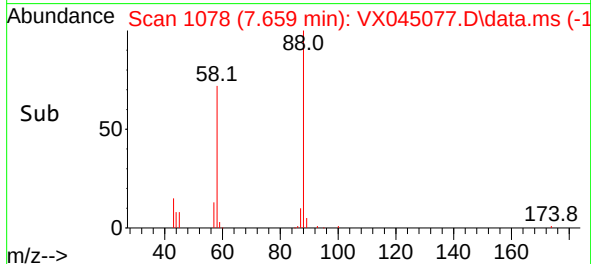
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 33152
Ion Ratio Lower Upper
88 100
43 36.3 28.7 43.1
58 72.2 55.8 83.8

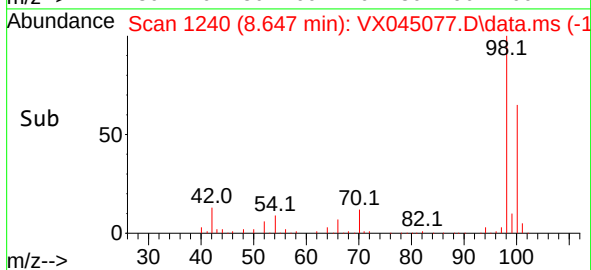
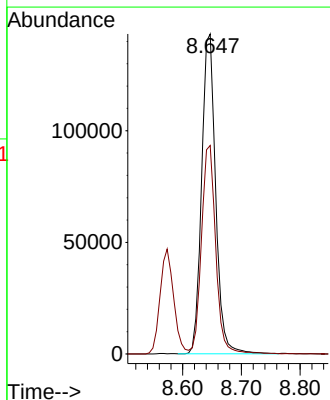
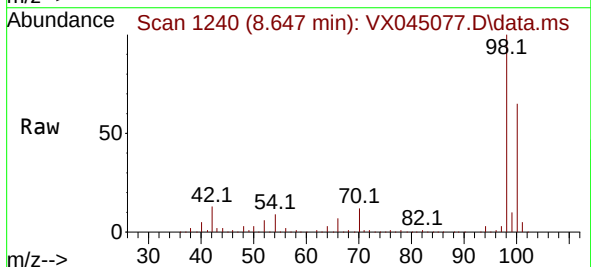
Manual Integrations
APPROVED

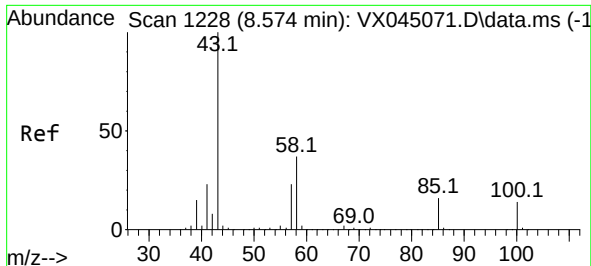
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#50
Toluene-d8
Concen: 49.853 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

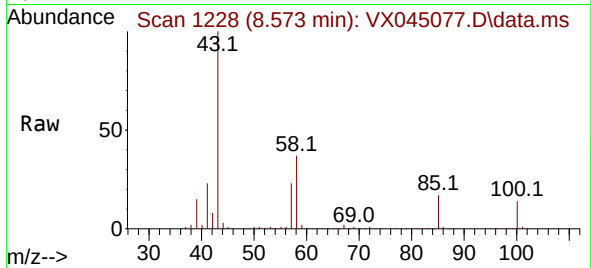
Tgt Ion: 98 Resp: 237369
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 240.651 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

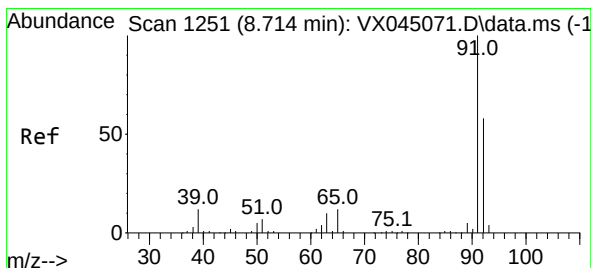
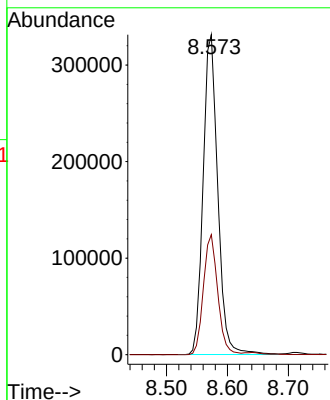
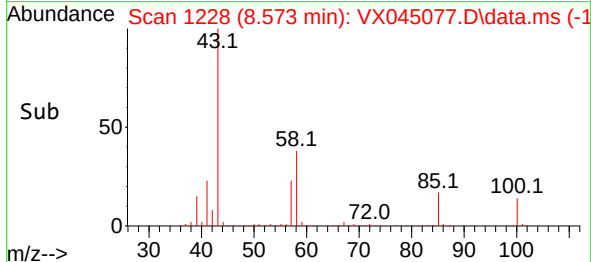
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 55454
Ion Ratio Lower Upper
43 100
58 36.6 29.2 43.8

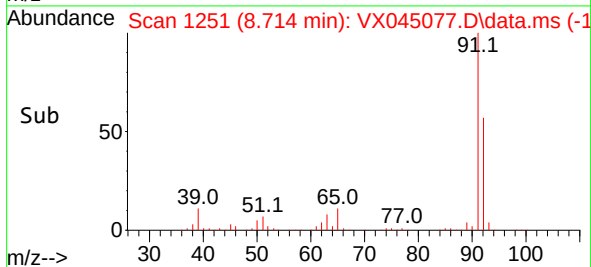
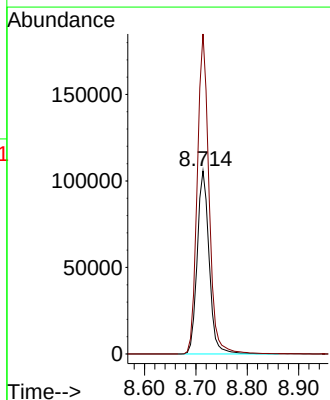
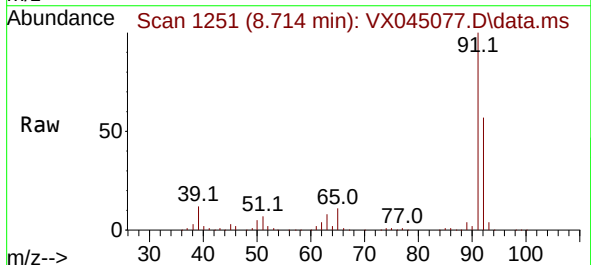
Manual Integrations
APPROVED

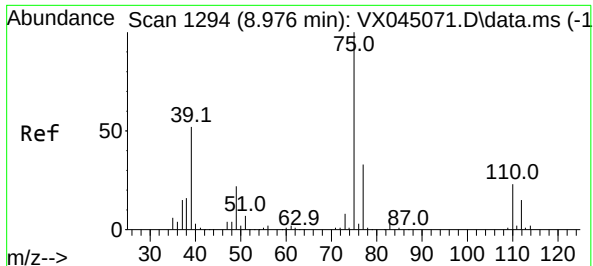
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#52
Toluene
Concen: 51.187 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Tgt Ion: 92 Resp: 170814
Ion Ratio Lower Upper
92 100
91 172.3 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 55.975 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045077.D

Acq: 28 Feb 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 9487

Ion Ratio Lower Upper

75 100

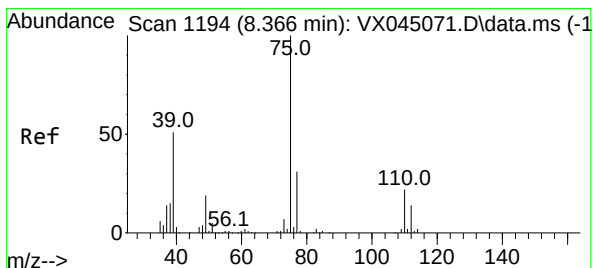
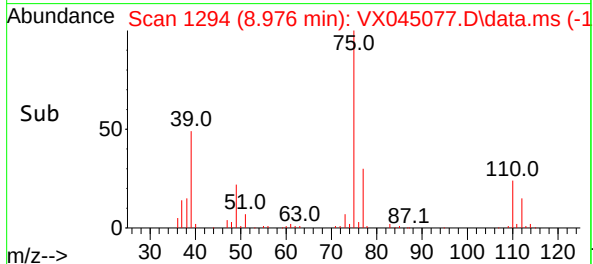
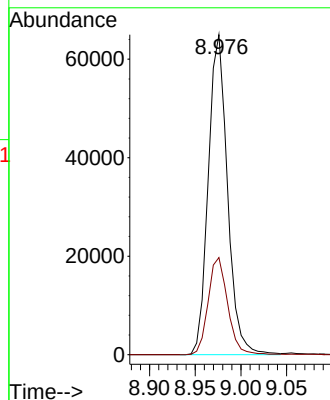
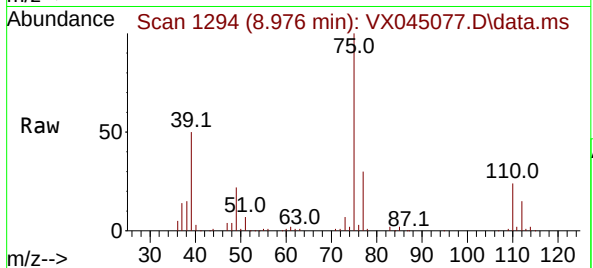
77 30.4 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#54

cis-1,3-Dichloropropene

Concen: 54.755 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045077.D

Acq: 28 Feb 2025 10:32

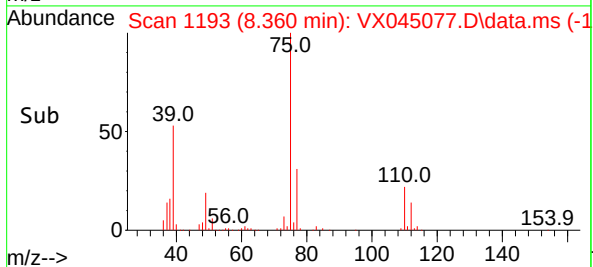
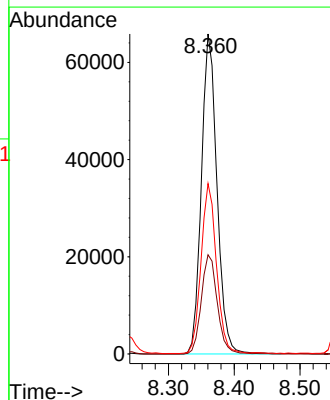
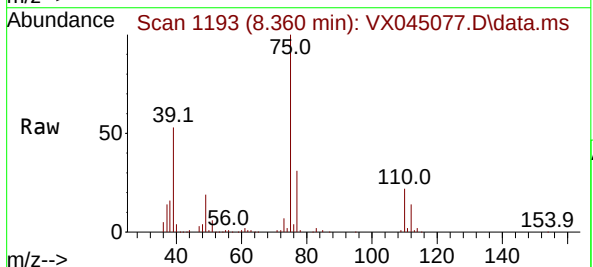
Tgt Ion: 75 Resp: 108220

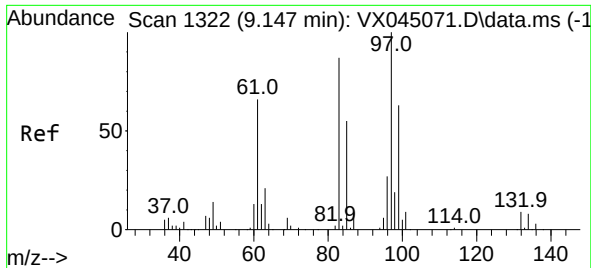
Ion Ratio Lower Upper

75 100

77 31.0 24.7 37.1

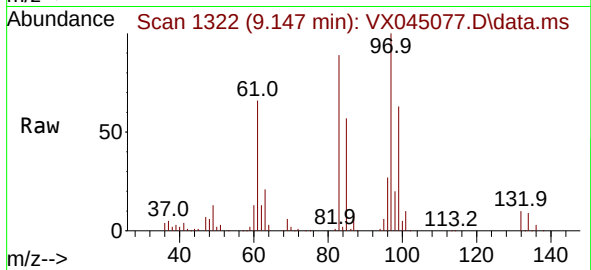
39 53.1 40.7 61.1





#55
 1,1,2-Trichloroethane
 Concen: 47.245 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.000 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

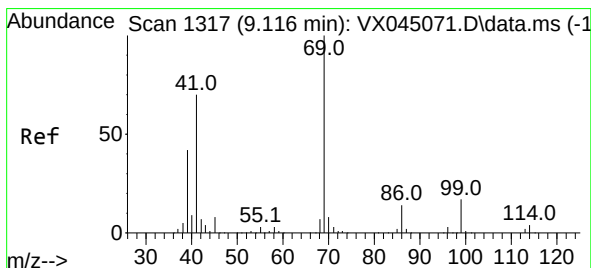
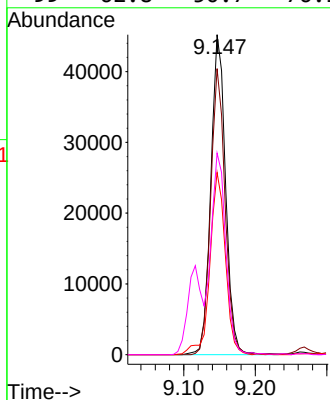
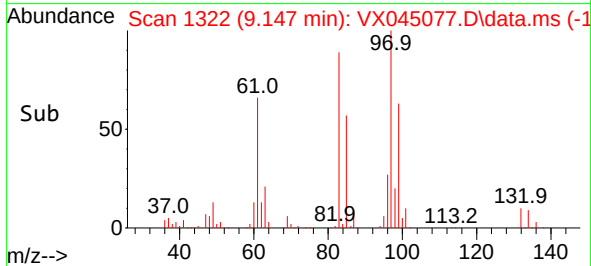


Tgt Ion: 97 Resp: 64904

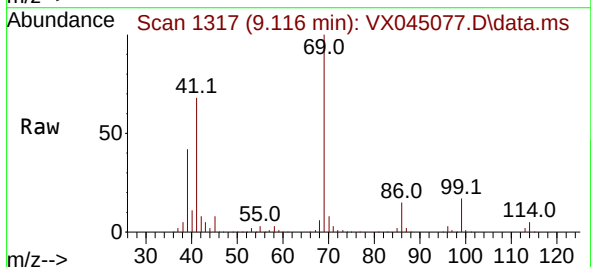
Ion	Ratio	Lower	Upper
97	100		
83	89.4	69.4	104.2
85	57.0	44.1	66.1
99	62.8	50.7	76.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/03/2025
 Supervised By :Mahesh Dadoda 03/03/2025

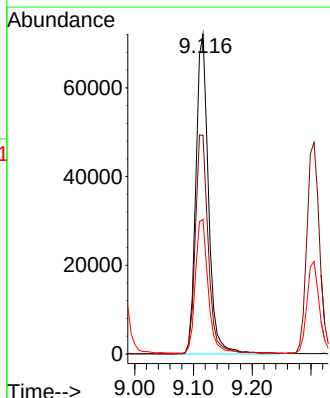
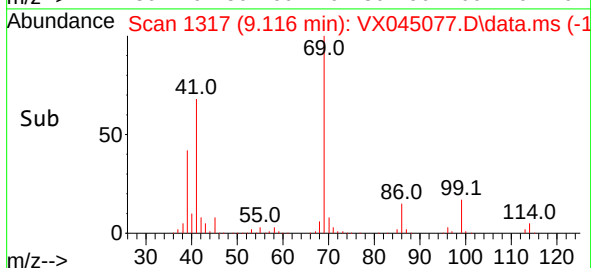


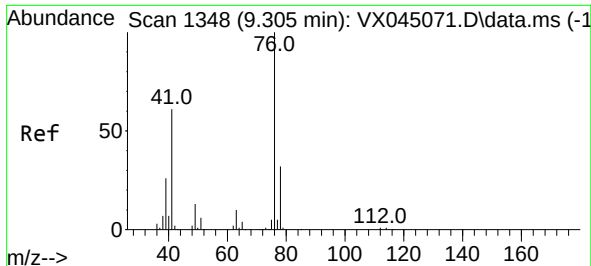
#56
 Ethyl methacrylate
 Concen: 51.537 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32



Tgt Ion: 69 Resp: 107621

Ion	Ratio	Lower	Upper
69	100		
41	70.8	57.0	85.4
39	43.0	34.2	51.4





#57

1,3-Dichloropropane

Concen: 48.576 ug/l

RT: 9.305 min Scan# 11548

Delta R.T. -0.000 min

Lab File: VX045077.D

Acq: 28 Feb 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11548

Ion Ratio Lower Upper

76 100

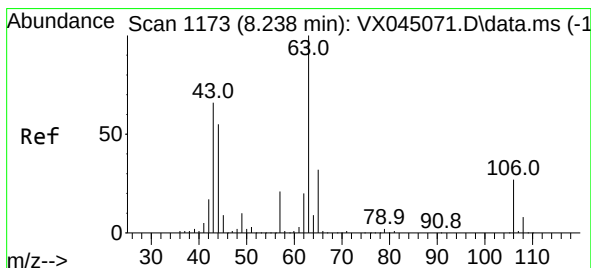
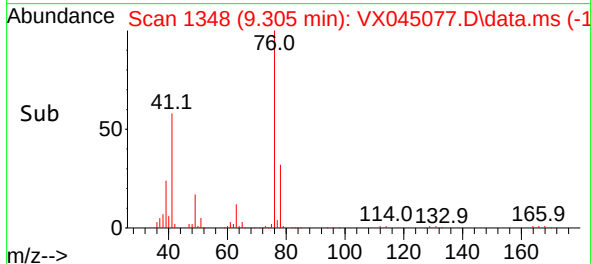
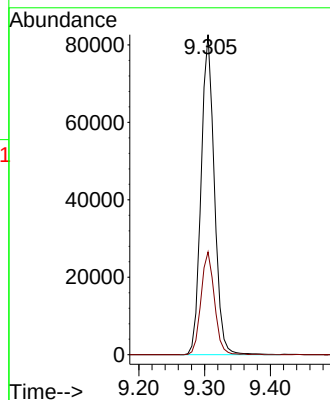
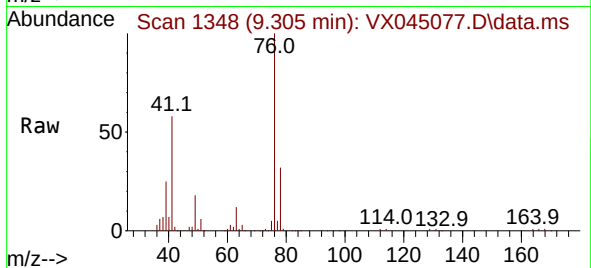
78 32.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 268.530 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045077.D

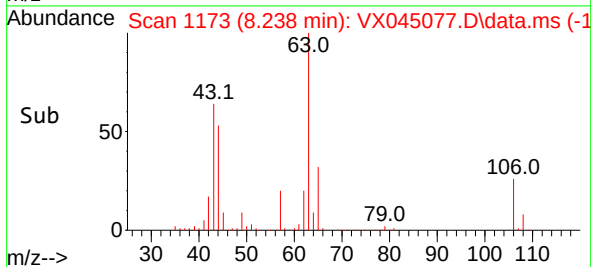
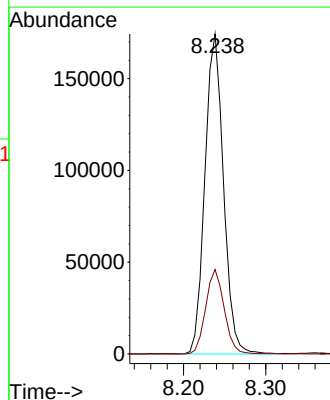
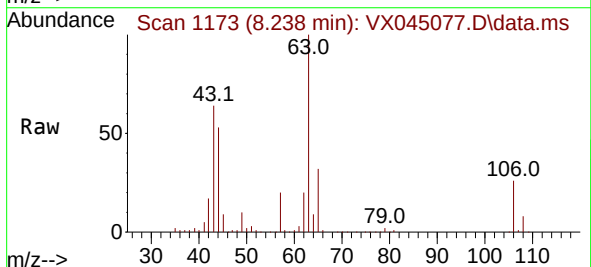
Acq: 28 Feb 2025 10:32

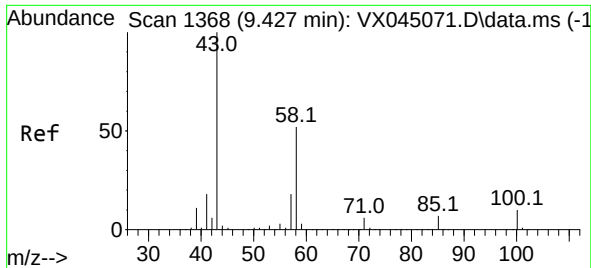
Tgt Ion: 63 Resp: 273540

Ion Ratio Lower Upper

63 100

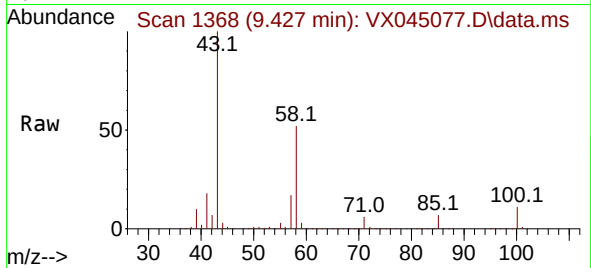
106 26.3 21.5 32.3





#59
2-Hexanone
Concen: 241.811 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

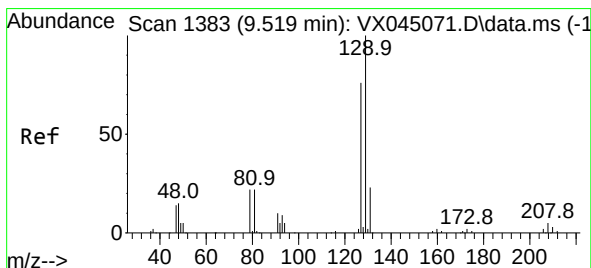
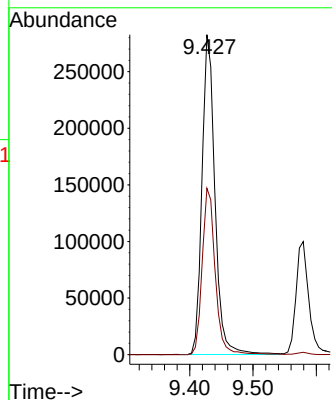
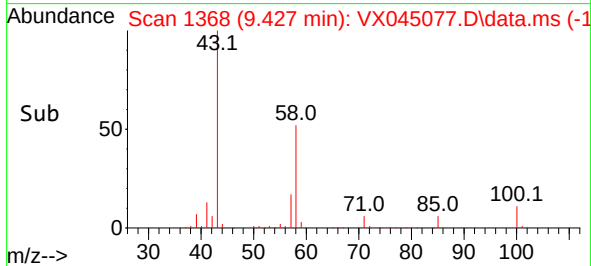
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 403729
Ion Ratio Lower Upper
43 100
58 52.4 25.9 77.6

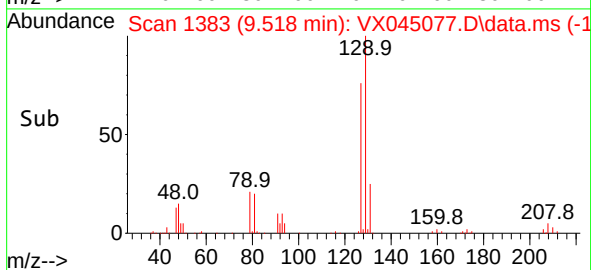
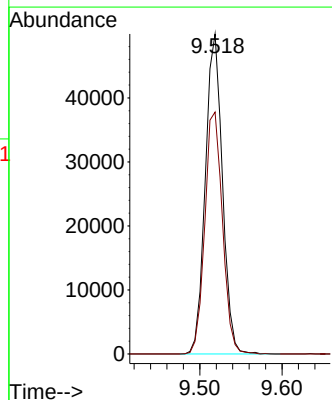
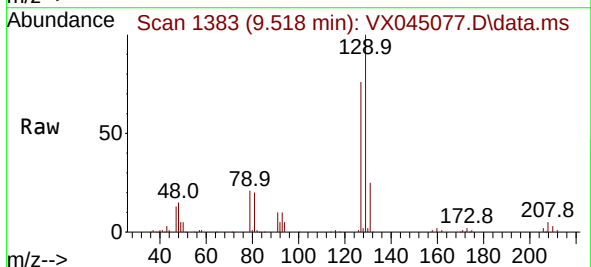
Manual Integrations
APPROVED

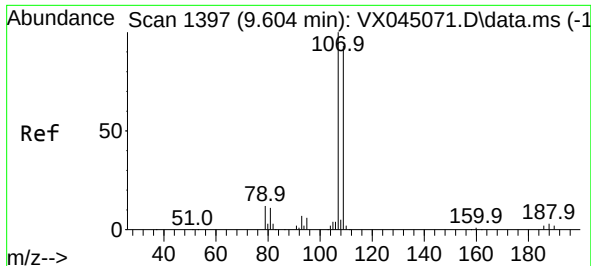
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#60
Dibromochloromethane
Concen: 50.220 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

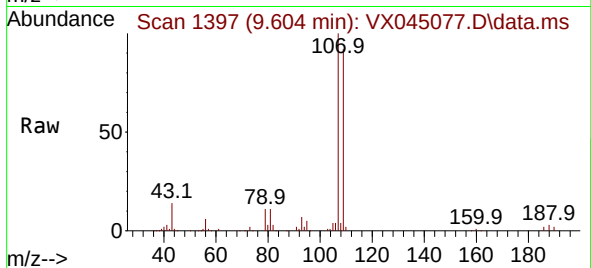
Tgt Ion:129 Resp: 72136
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5





#61
1,2-Dibromoethane
Concen: 48.992 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

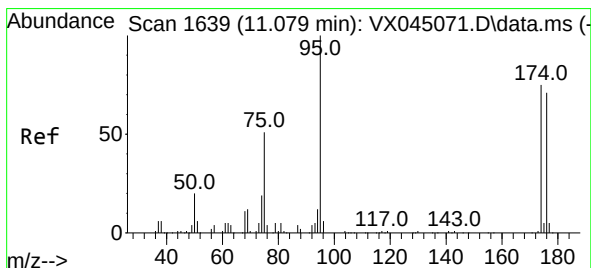
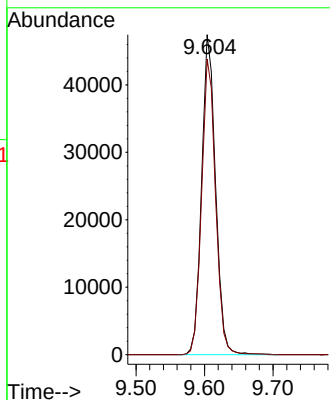
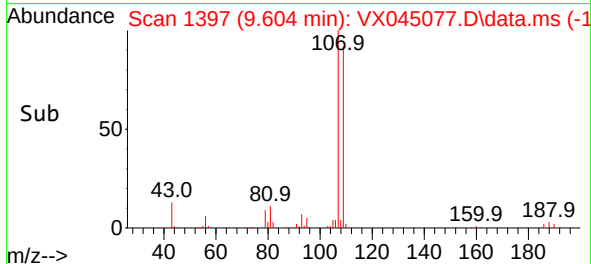
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



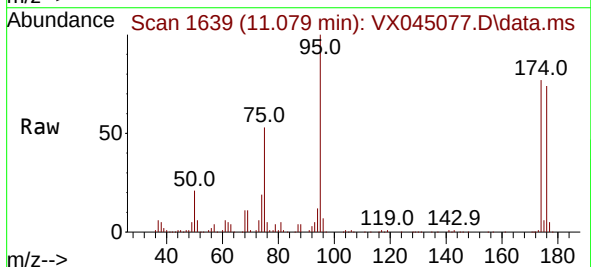
Tgt Ion:107 Resp: 67190
Ion Ratio Lower Upper
107 100
109 92.7 76.1 114.1

Manual Integrations
APPROVED

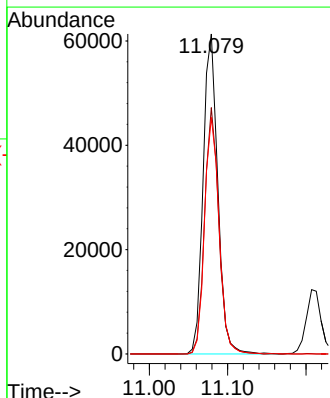
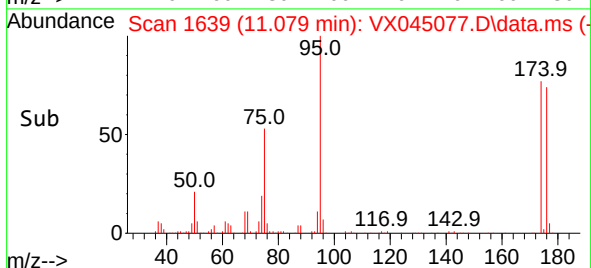
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

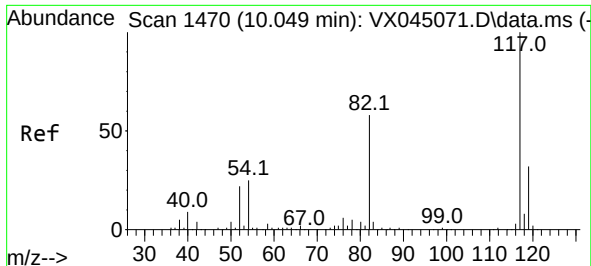


#62
4-Bromofluorobenzene
Concen: 50.332 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32



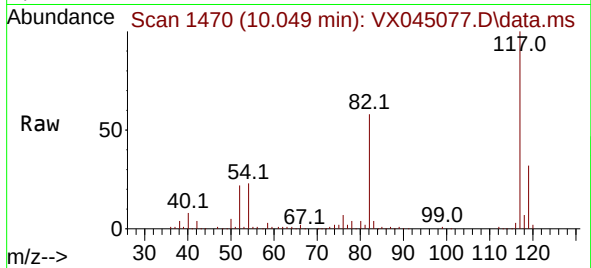
Tgt Ion: 95 Resp: 79413
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.2
176 73.4 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

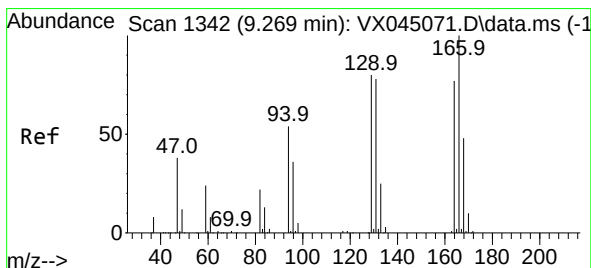
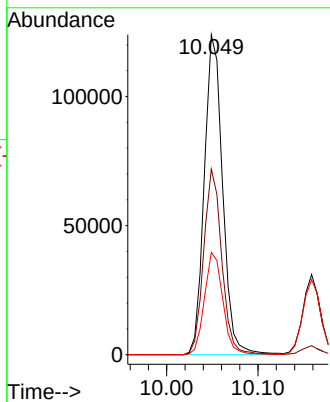
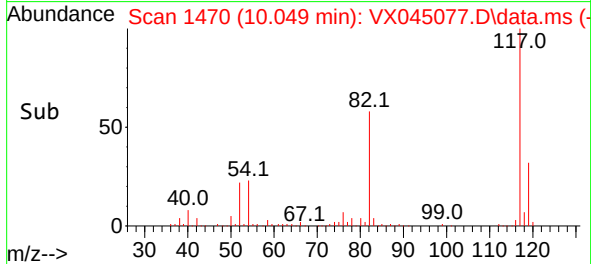
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 172369
Ion Ratio Lower Upper
117 100
82 58.0 46.3 69.5
119 32.0 25.7 38.5

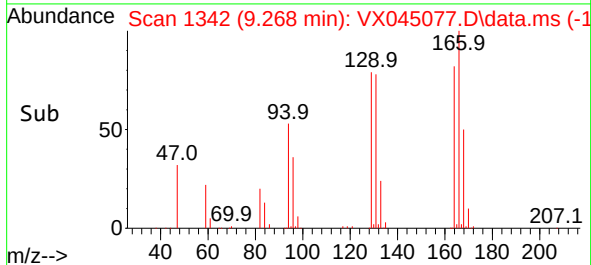
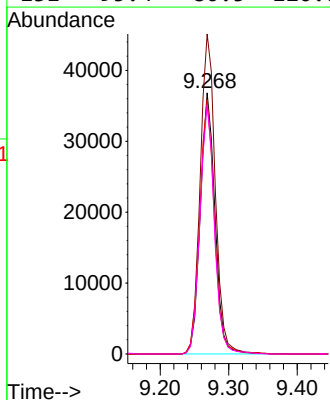
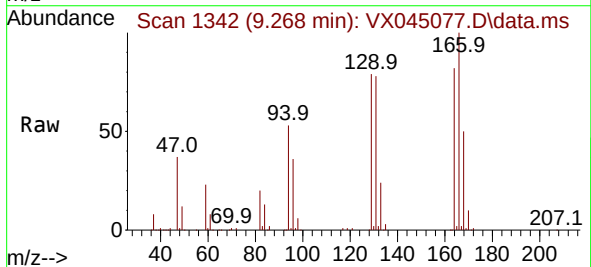
Manual Integrations
APPROVED

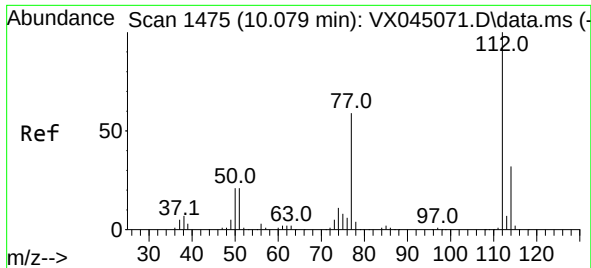
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#64
Tetrachloroethene
Concen: 49.741 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Tgt Ion:164 Resp: 54912
Ion Ratio Lower Upper
164 100
166 122.5 103.6 155.4
129 97.4 82.7 124.1
131 95.4 80.5 120.7





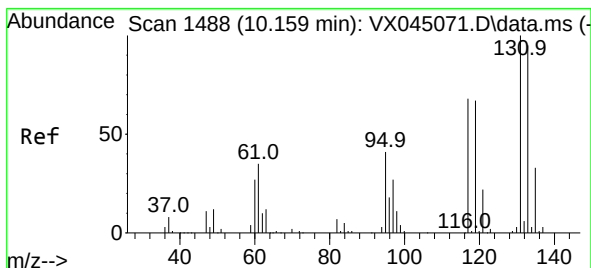
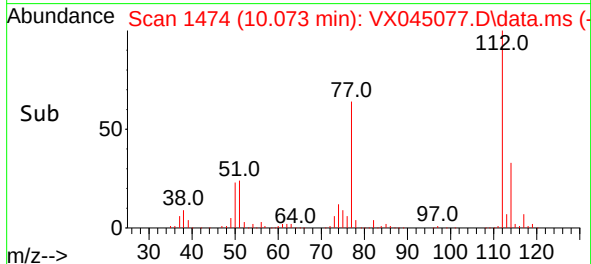
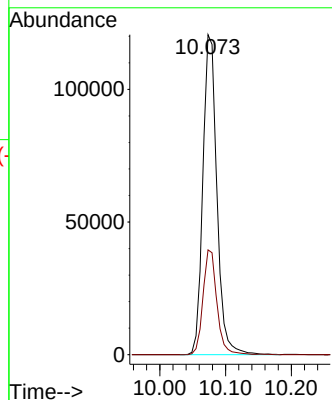
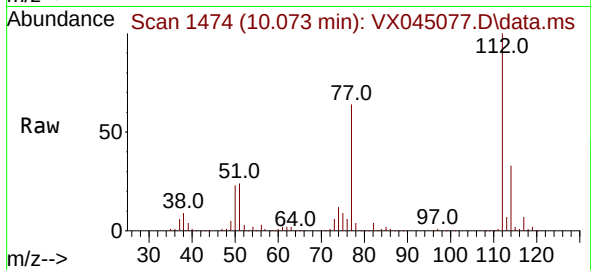
#65
Chlorobenzene
Concen: 49.093 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 17905
Ion Ratio Lower Upper
112 100
114 32.8 26.0 39.0

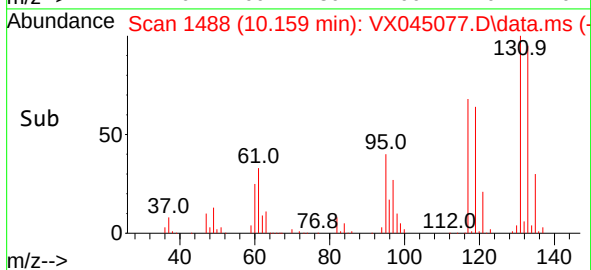
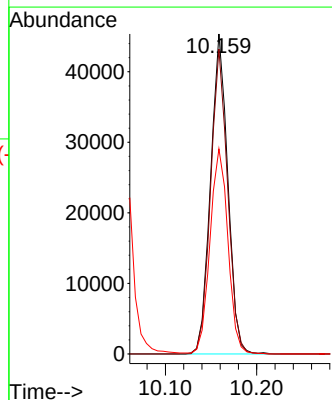
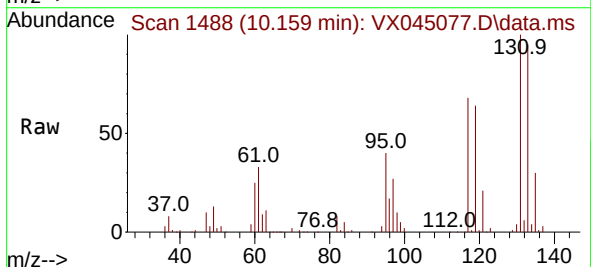
Manual Integrations
APPROVED

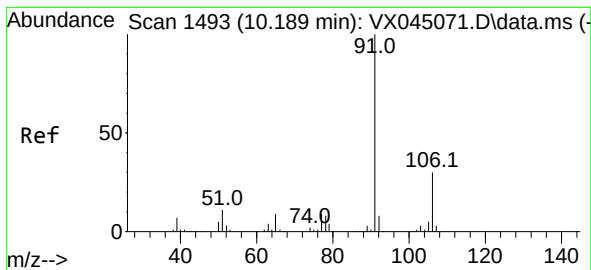
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.762 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

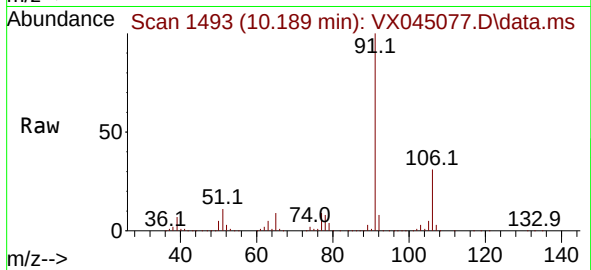
Tgt Ion:131 Resp: 59227
Ion Ratio Lower Upper
131 100
133 94.3 48.6 145.9
119 66.8 33.9 101.7





#67
Ethyl Benzene
Concen: 50.959 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

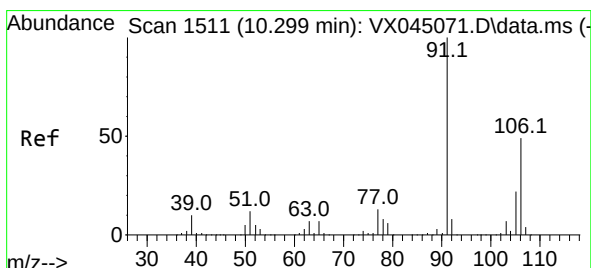
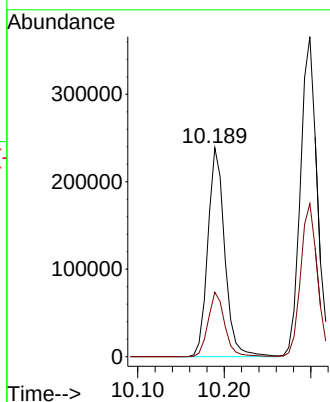
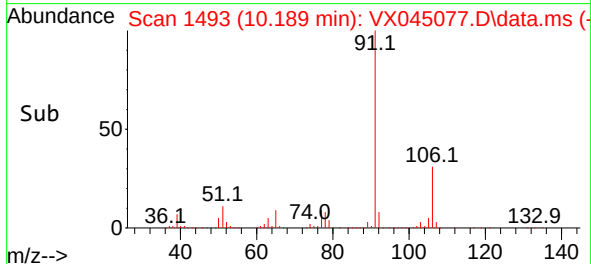
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



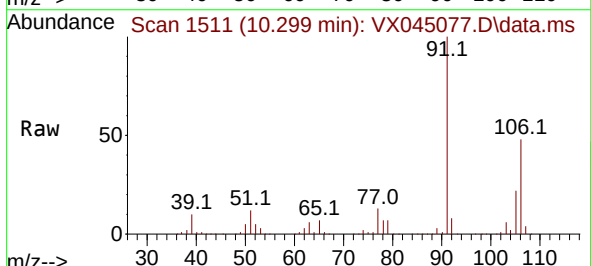
Tgt Ion: 91 Resp: 32385
Ion Ratio Lower Upper
91 100
106 30.8 23.9 35.9

Manual Integrations
APPROVED

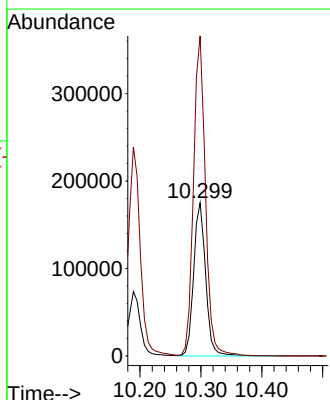
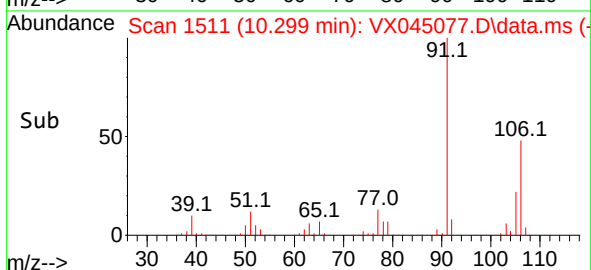
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

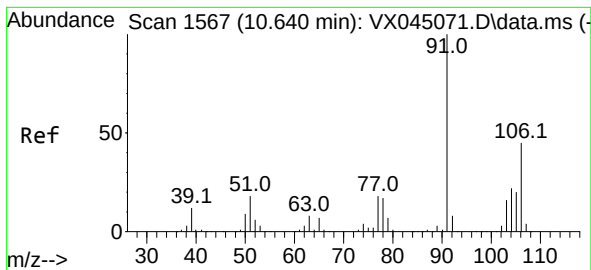


#68
m/p-Xylenes
Concen: 102.789 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32



Tgt Ion:106 Resp: 239135
Ion Ratio Lower Upper
106 100
91 208.3 165.4 248.0





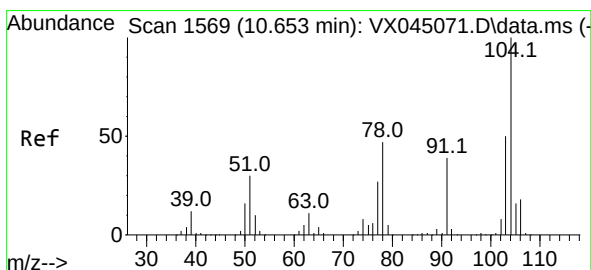
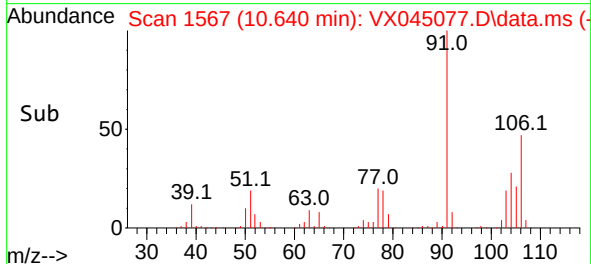
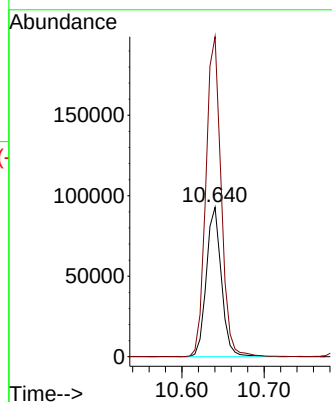
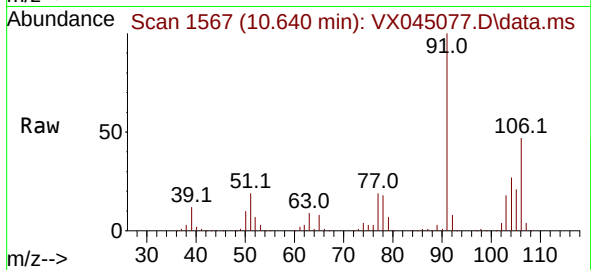
#69
o-Xylene
Concen: 50.318 ug/l
RT: 10.640 min Scan# 11806
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 11806
Ion Ratio Lower Upper
106 100
91 217.0 109.9 329.6

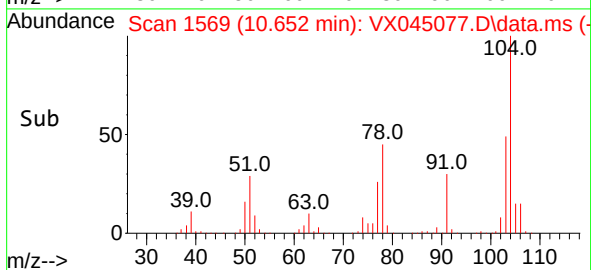
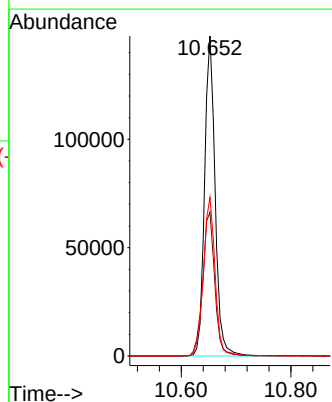
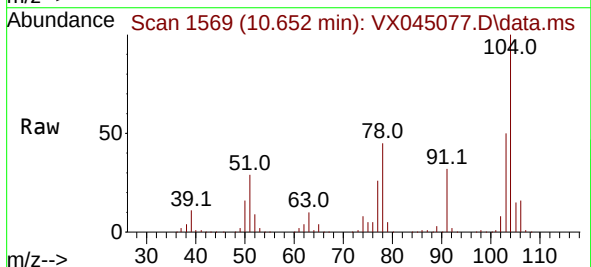
Manual Integrations
APPROVED

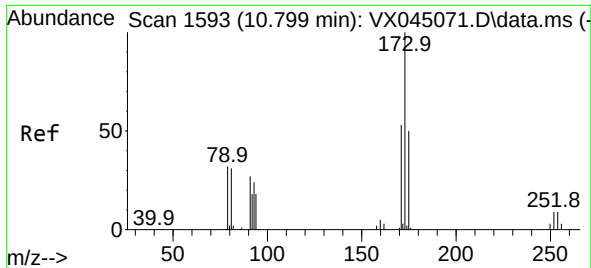
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#70
Styrene
Concen: 51.891 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

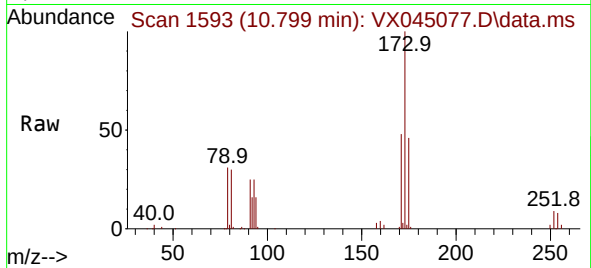
Tgt Ion:104 Resp: 197009
Ion Ratio Lower Upper
104 100
78 51.2 42.2 63.4
103 55.1 43.8 65.8





#71
Bromoform
Concen: 50.513 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

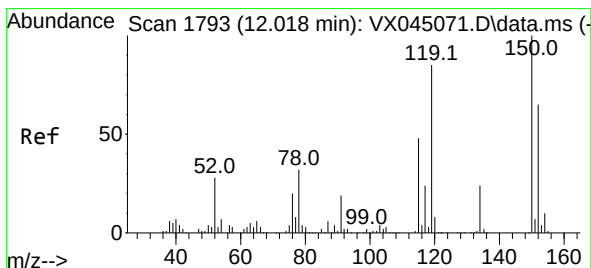
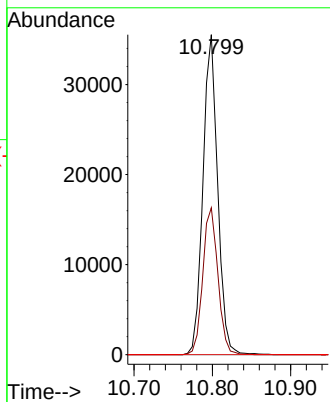
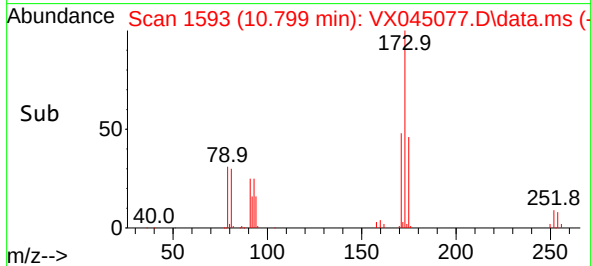
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 4626
Ion Ratio Lower Upper
173 100
175 47.2 24.6 73.6
254 0.0 0.0 0.0

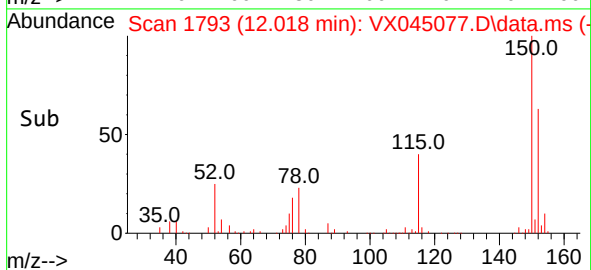
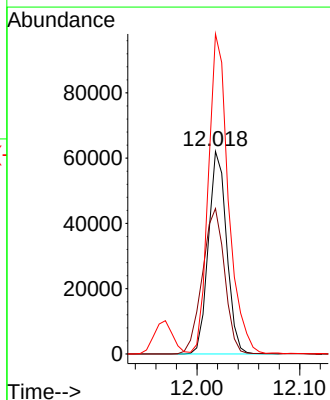
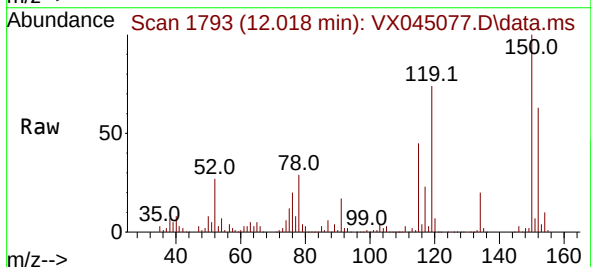
Manual Integrations
APPROVED

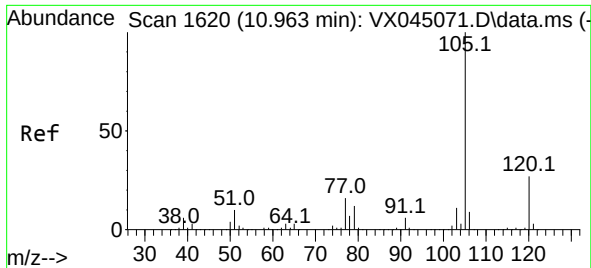
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

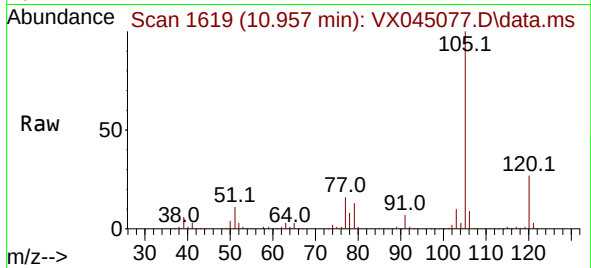
Tgt Ion:152 Resp: 76314
Ion Ratio Lower Upper
152 100
115 87.8 44.2 132.6
150 174.2 0.0 349.0





#73
Isopropylbenzene
Concen: 50.901 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

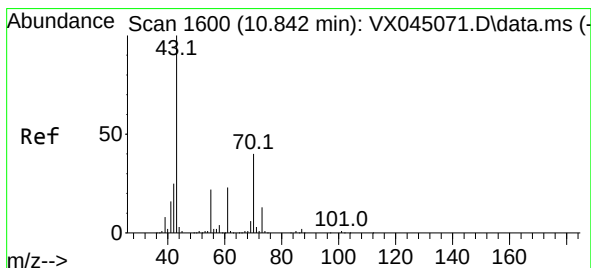
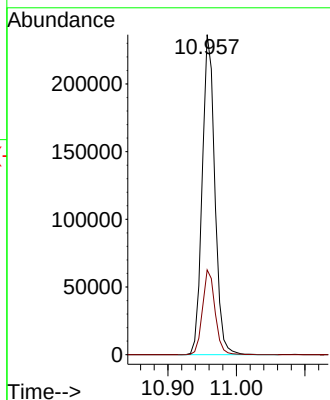
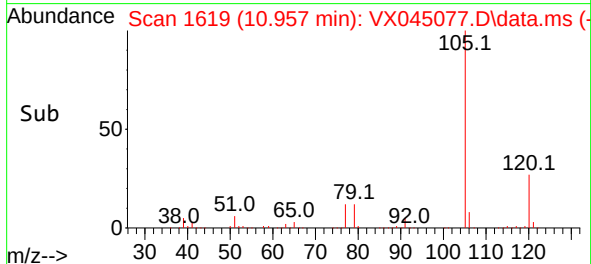
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



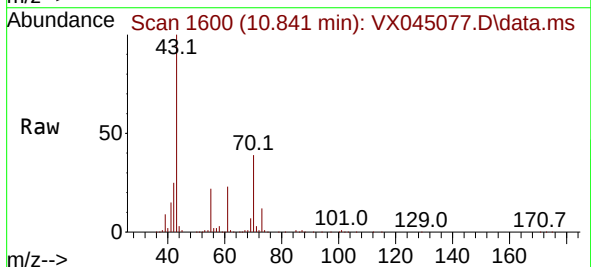
Tgt Ion:105 Resp: 303194
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

Manual Integrations
APPROVED

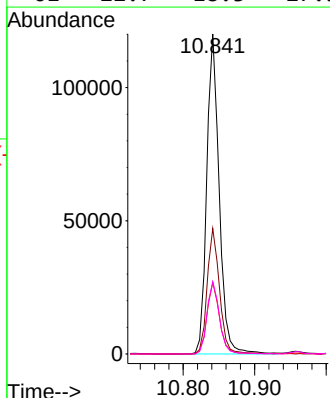
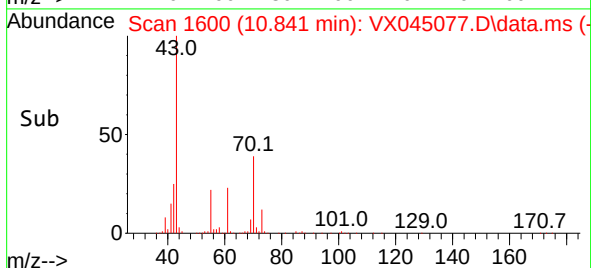
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

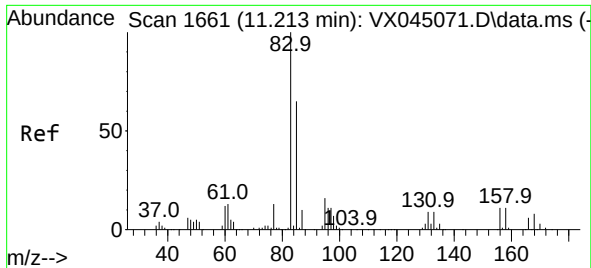


#74
N-ethyl acetate
Concen: 51.942 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32



Tgt Ion: 43 Resp: 145178
Ion Ratio Lower Upper
43 100
70 39.0 31.8 47.6
55 22.5 18.3 27.5
61 22.7 18.3 27.5





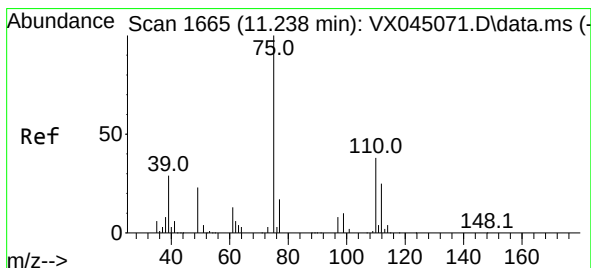
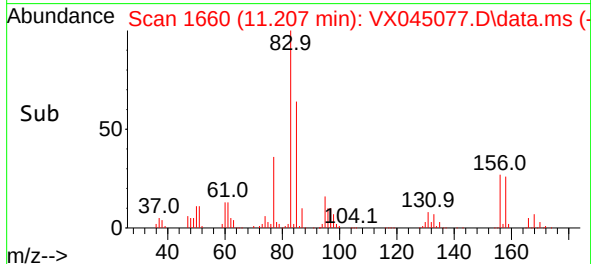
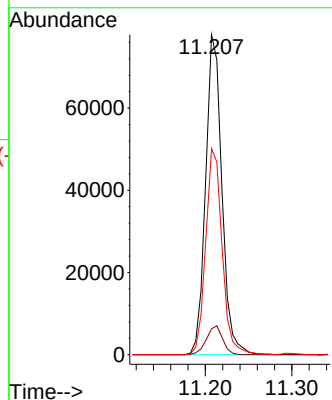
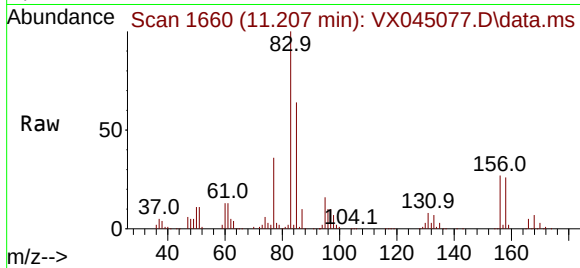
#75
1,1,2,2-Tetrachloroethane
Concen: 46.579 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 10181
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.4
85 64.9 31.7 95.1

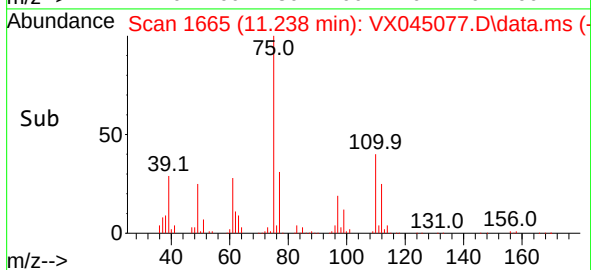
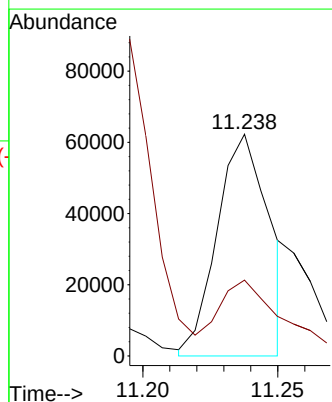
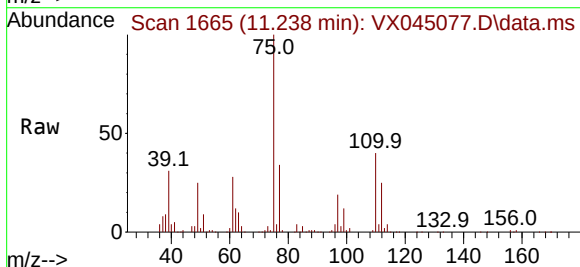
Manual Integrations
APPROVED

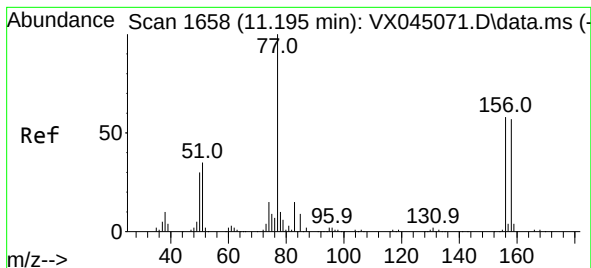
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#76
1,2,3-Trichloropropane
Concen: 46.931 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Tgt Ion: 75 Resp: 83360
Ion Ratio Lower Upper
75 100
77 43.0 20.7 62.1





#77

Bromobenzene

Concen: 49.698 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX045077.D

Acq: 28 Feb 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 69840

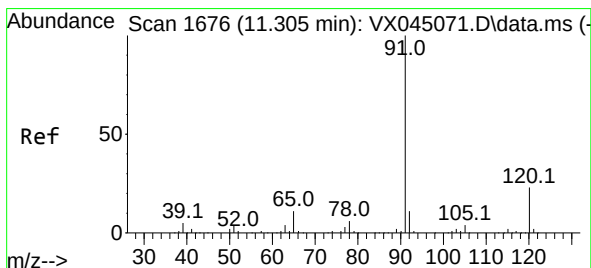
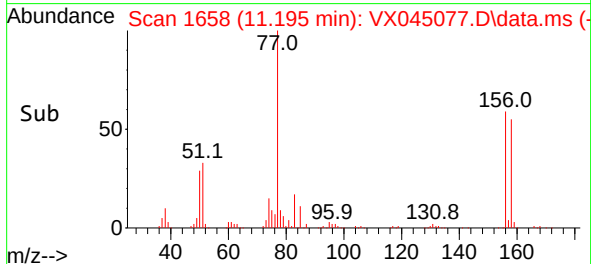
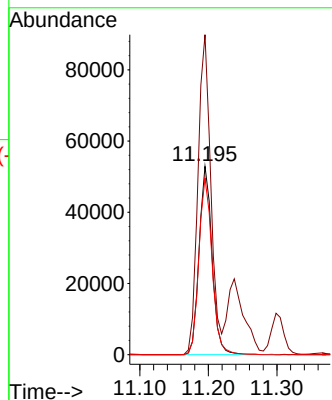
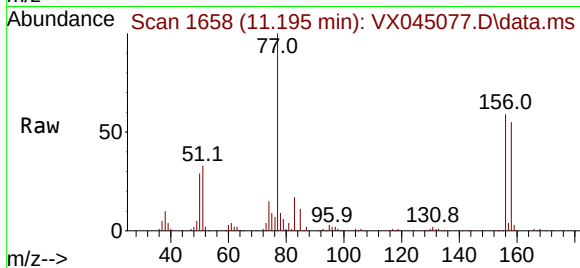
Ion	Ratio	Lower	Upper
156	100		
77	168.4	85.8	257.4
158	95.6	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#78

n-propylbenzene

Concen: 52.644 ug/l

RT: 11.299 min Scan# 1675

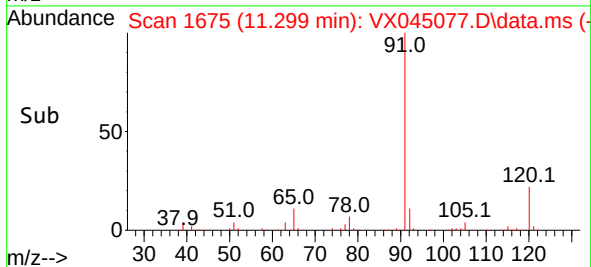
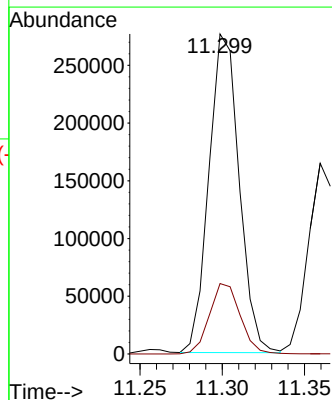
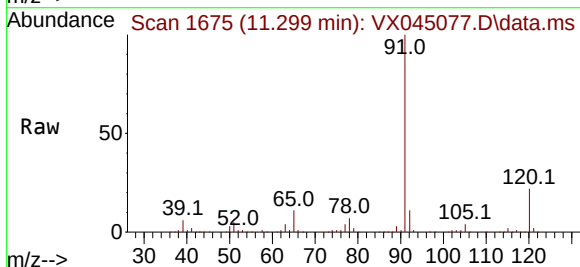
Delta R.T. -0.006 min

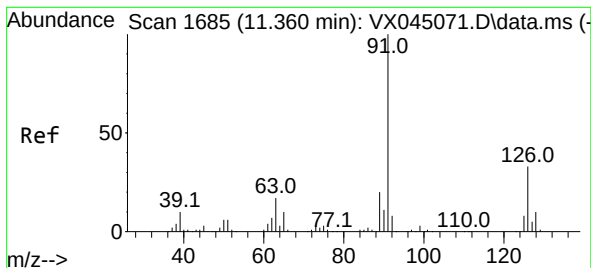
Lab File: VX045077.D

Acq: 28 Feb 2025 10:32

Tgt Ion: 91 Resp: 354229

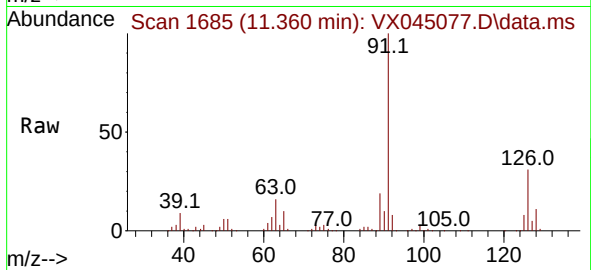
Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.2	33.6





#79
2-Chlorotoluene
Concen: 48.935 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

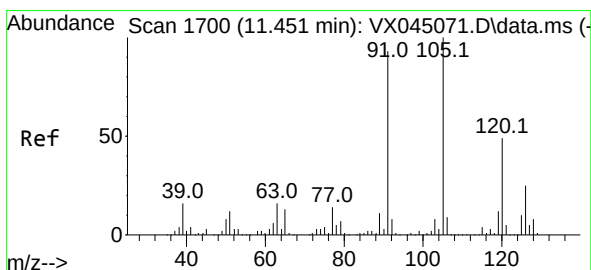
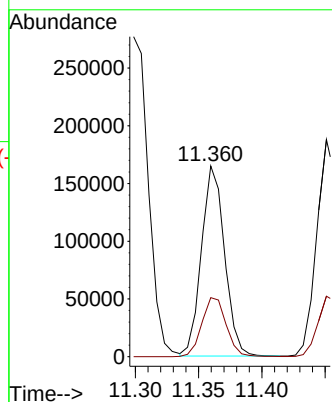
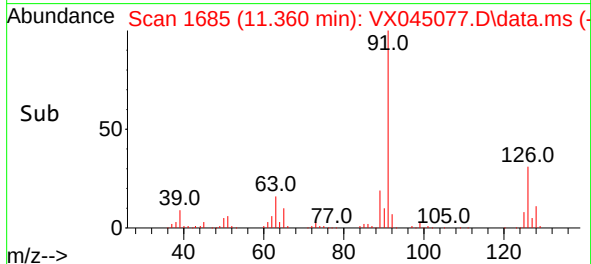
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



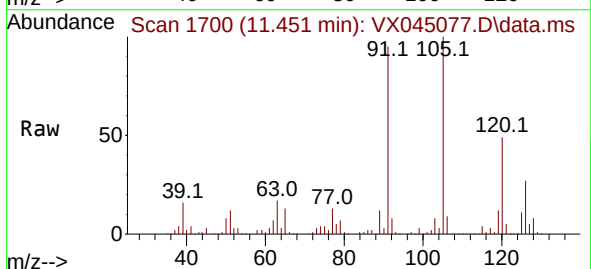
Tgt Ion: 91 Resp: 209700
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4

Manual Integrations
APPROVED

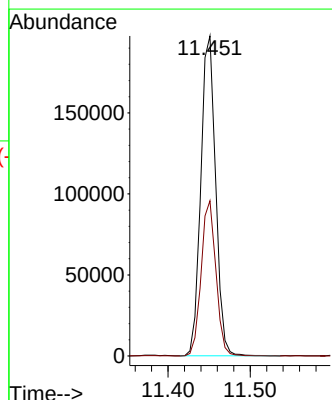
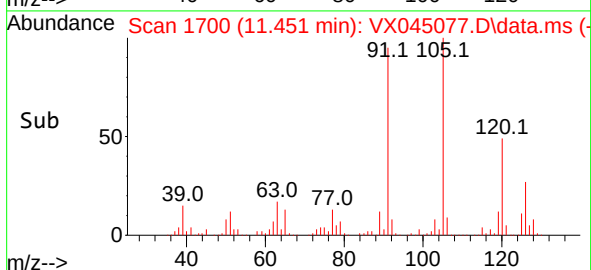
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

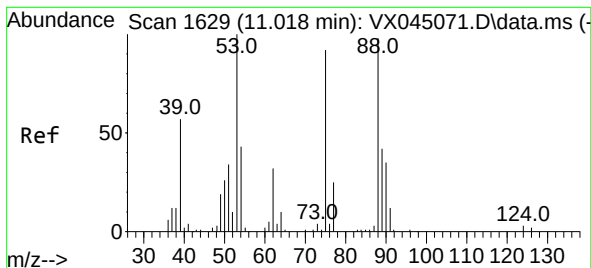


#80
1,3,5-Trimethylbenzene
Concen: 51.381 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32



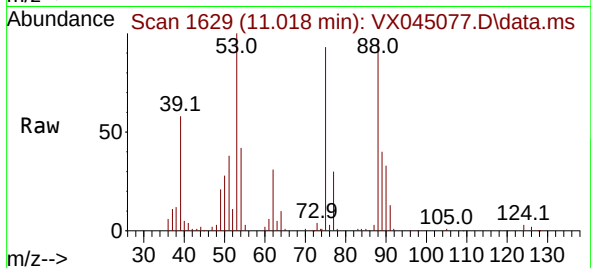
Tgt Ion:105 Resp: 247465
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 54.791 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

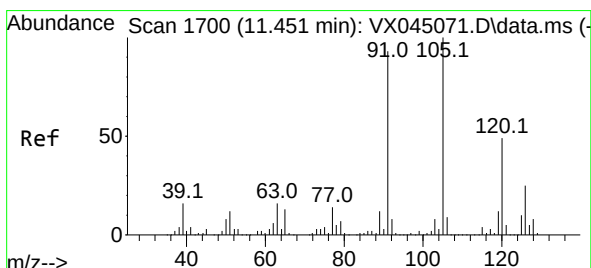
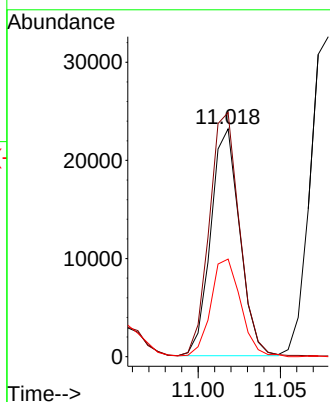
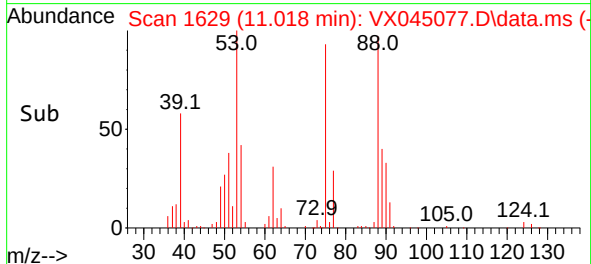
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



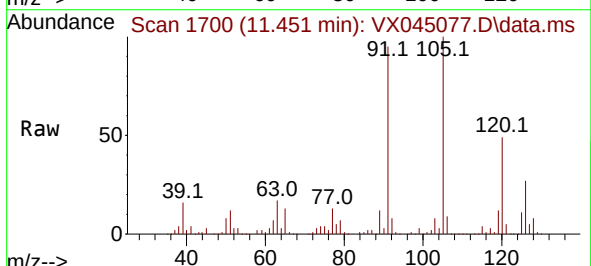
Tgt Ion: 75 Resp: 28438
Ion Ratio Lower Upper
75 100
53 112.4 88.5 132.7
89 44.4 36.2 54.4

Manual Integrations
APPROVED

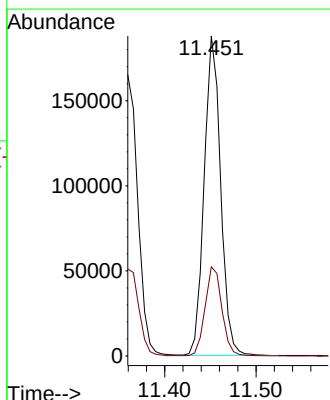
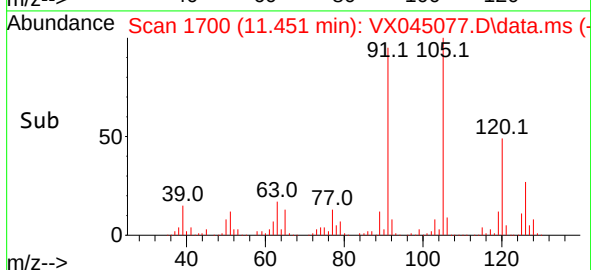
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

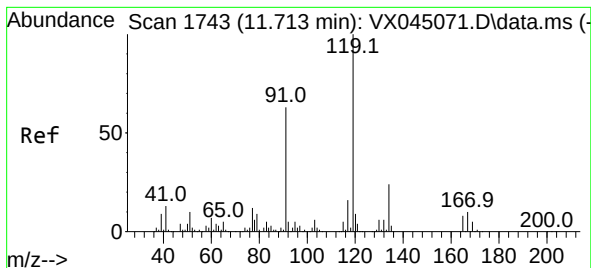


#82
4-Chlorotoluene
Concen: 50.324 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32



Tgt Ion: 91 Resp: 235030
Ion Ratio Lower Upper
91 100
126 28.6 14.1 42.4





#83

tert-Butylbenzene

Concen: 50.405 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045077.D

Acq: 28 Feb 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 249434

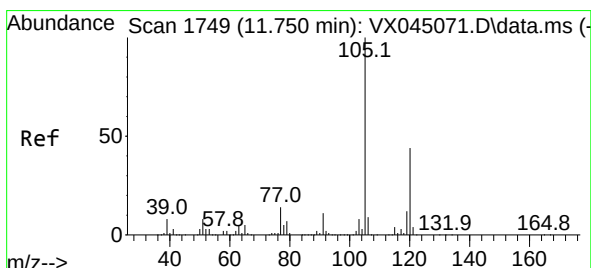
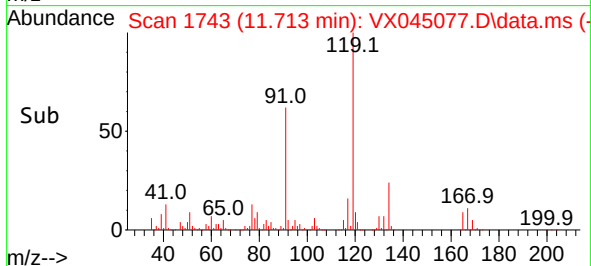
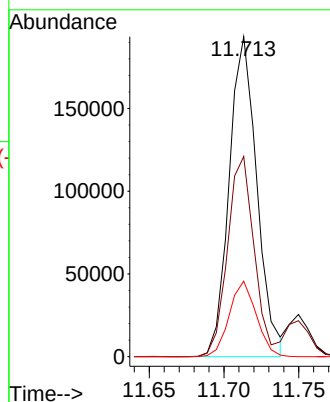
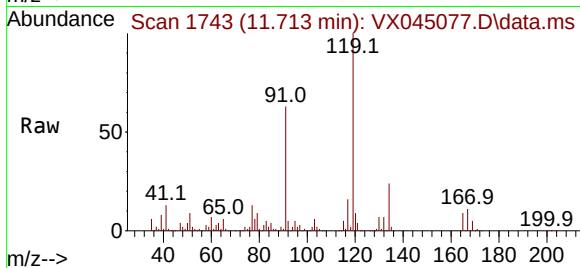
Ion	Ratio	Lower	Upper
119	100		
91	59.6	30.7	92.1
134	23.0	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.398 ug/l

RT: 11.750 min Scan# 1749

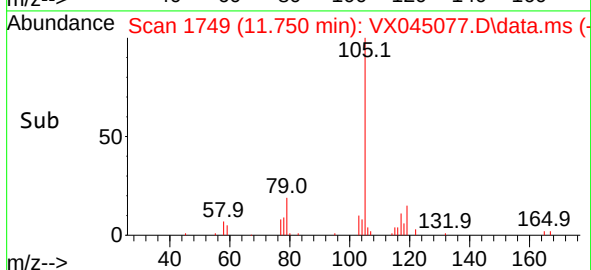
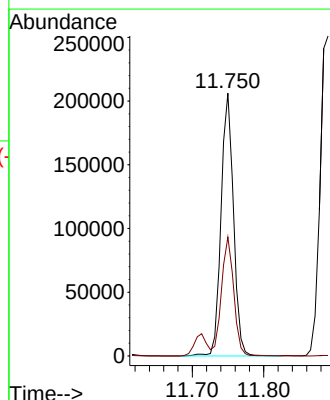
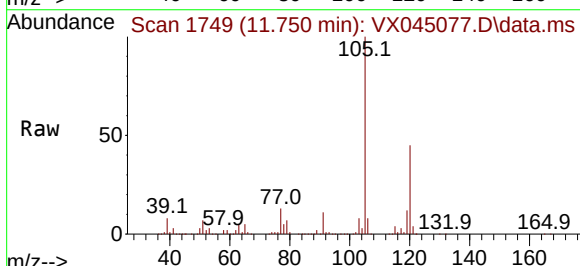
Delta R.T. -0.000 min

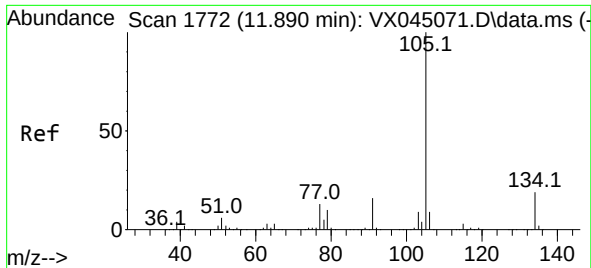
Lab File: VX045077.D

Acq: 28 Feb 2025 10:32

Tgt Ion:105 Resp: 249084

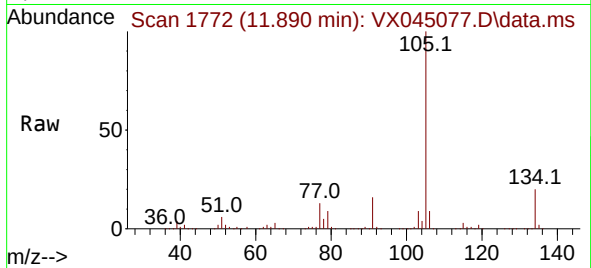
Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.1	66.1





#85
 sec-Butylbenzene
 Concen: 53.135 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32

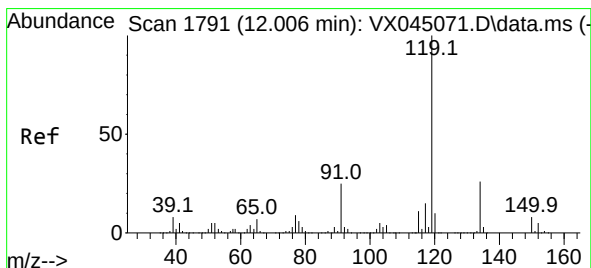
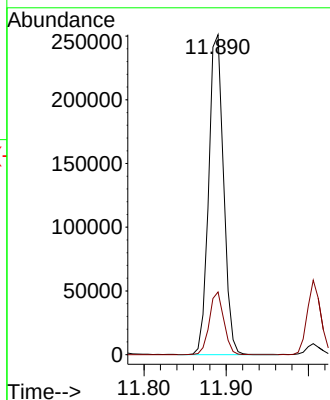
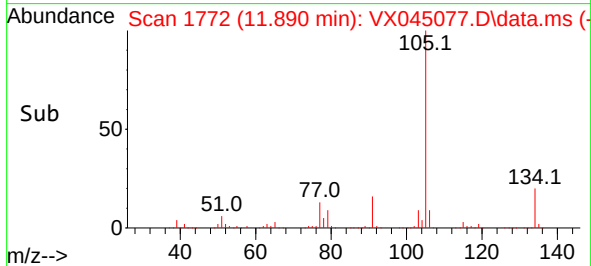
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



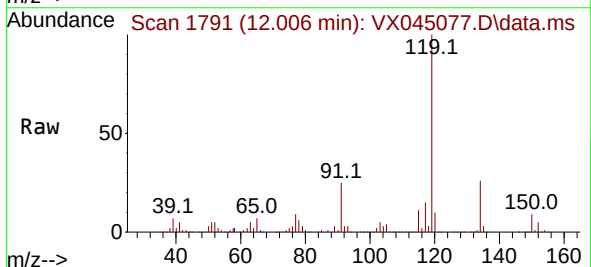
Tgt Ion:105 Resp: 31497
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations
 APPROVED

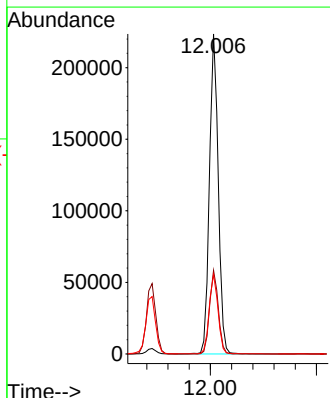
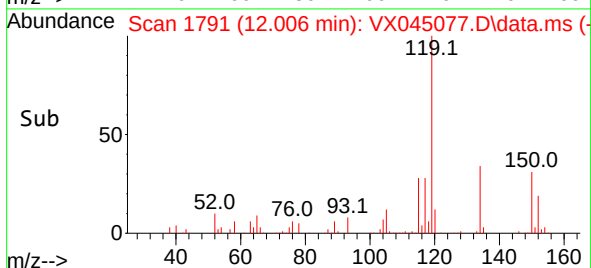
Reviewed By :John Carlone 03/03/2025
 Supervised By :Mahesh Dadoda 03/03/2025

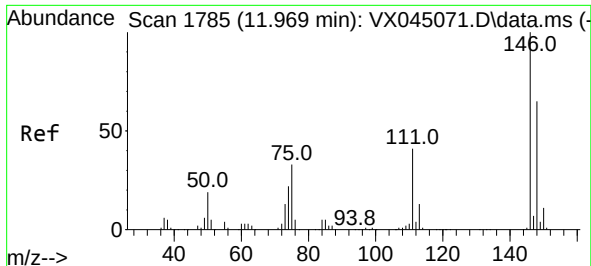


#86
 p-Isopropyltoluene
 Concen: 53.578 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32



Tgt Ion:119 Resp: 256666
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 24.9 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 50.525 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045077.D

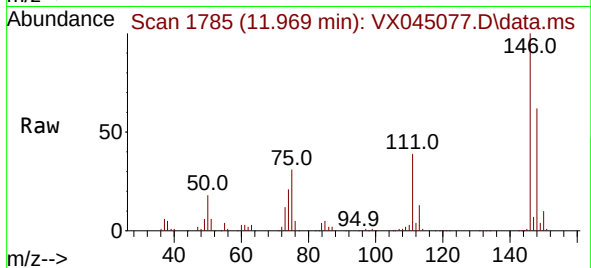
Acq: 28 Feb 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 126673

Ion Ratio Lower Upper

146 100

111 41.2 21.1 63.4

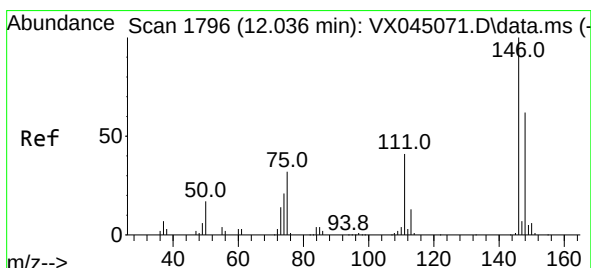
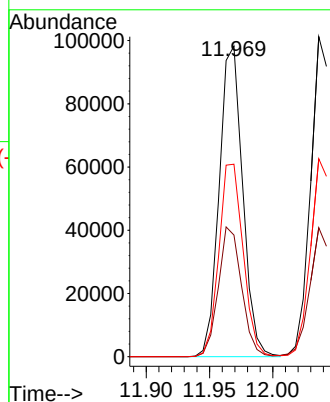
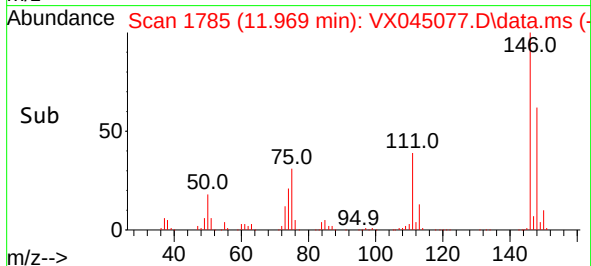
148 64.0 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#88

1,4-Dichlorobenzene

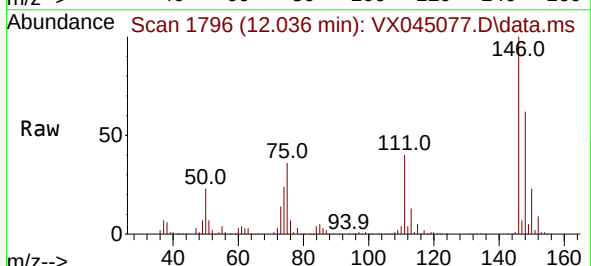
Concen: 49.736 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045077.D

Acq: 28 Feb 2025 10:32



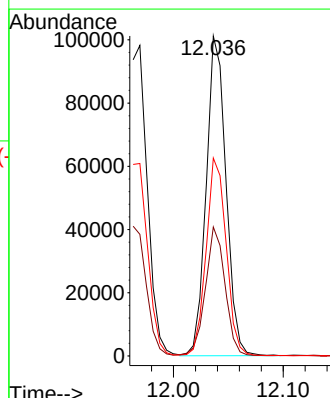
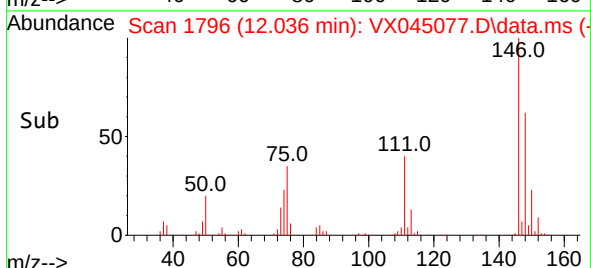
Tgt Ion:146 Resp: 126155

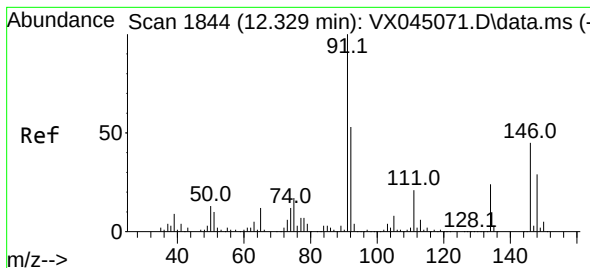
Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

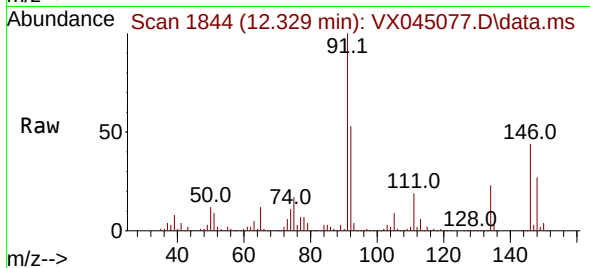
148 62.9 31.9 95.9





#89
n-Butylbenzene
Concen: 56.931 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

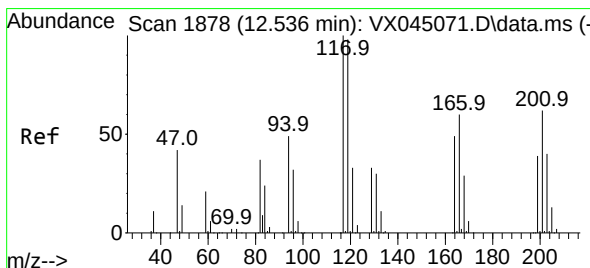
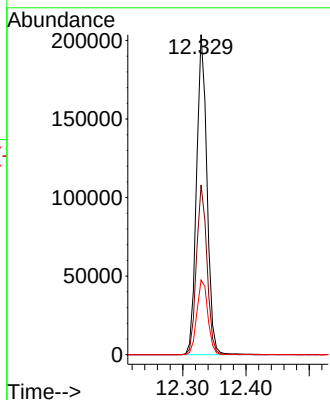
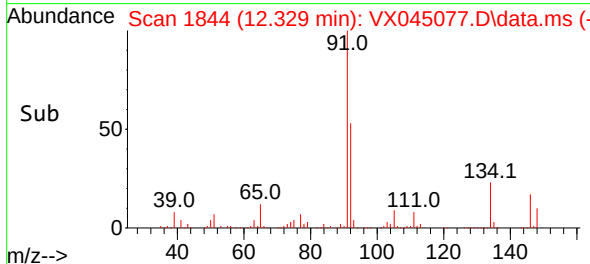
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 234890
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.0
134 24.5 12.2 36.6

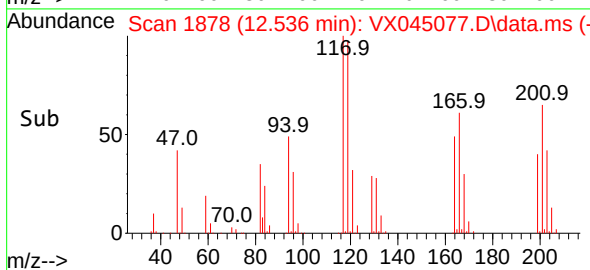
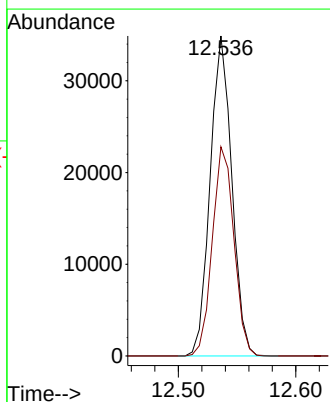
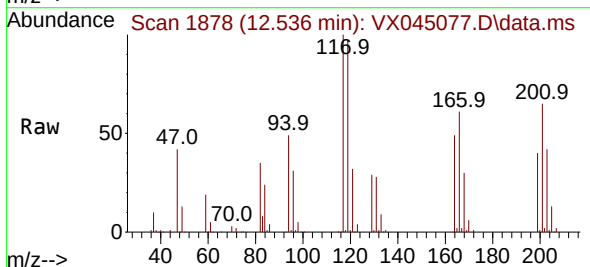
Manual Integrations
APPROVED

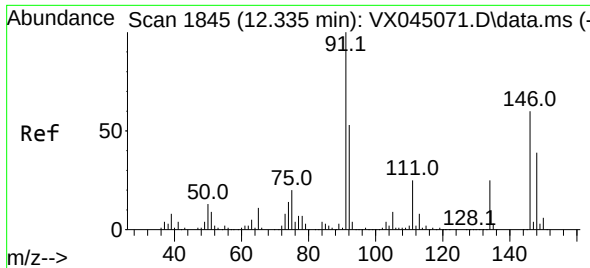
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#90
Hexachloroethane
Concen: 51.547 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

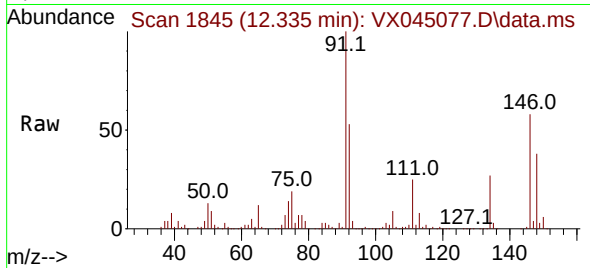
Tgt Ion:117 Resp: 44665
Ion Ratio Lower Upper
117 100
201 65.4 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 50.134 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

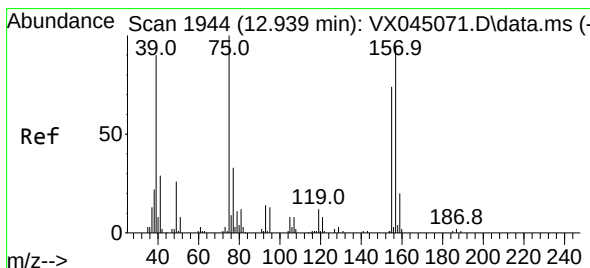
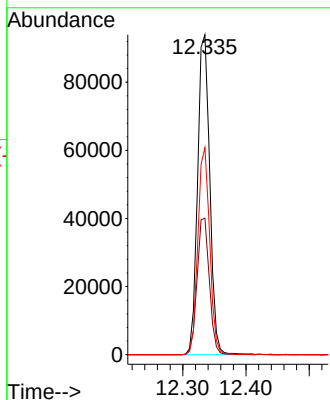
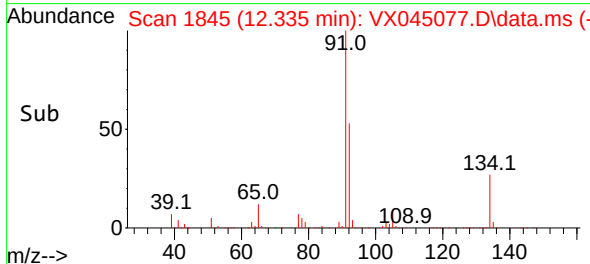
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



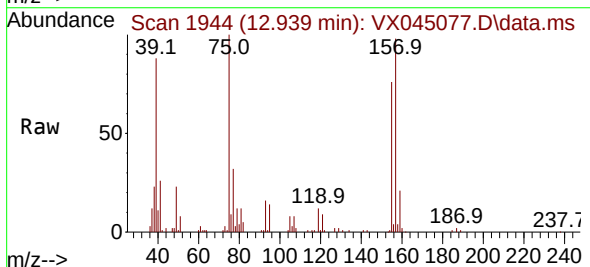
Tgt Ion:146 Resp: 126089
Ion Ratio Lower Upper
146 100
111 43.0 21.6 65.0
148 62.8 31.9 95.9

Manual Integrations
APPROVED

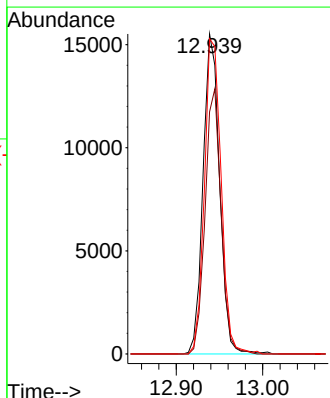
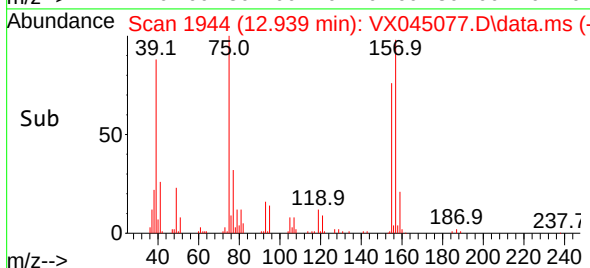
Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

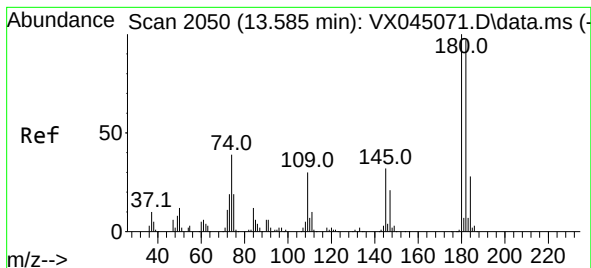


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.248 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32



Tgt Ion: 75 Resp: 20546
Ion Ratio Lower Upper
75 100
155 80.4 39.6 118.7
157 99.9 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 54.961 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045077.D

Acq: 28 Feb 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 78708

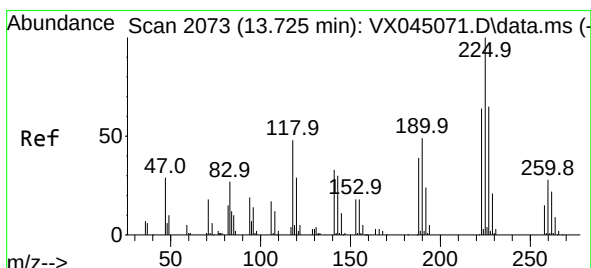
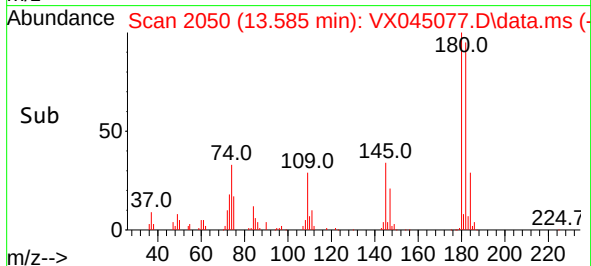
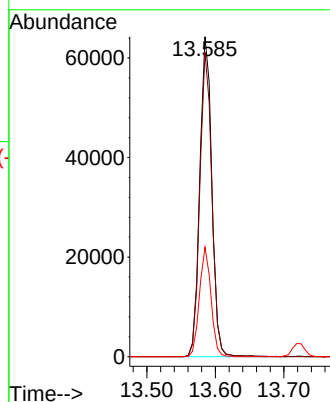
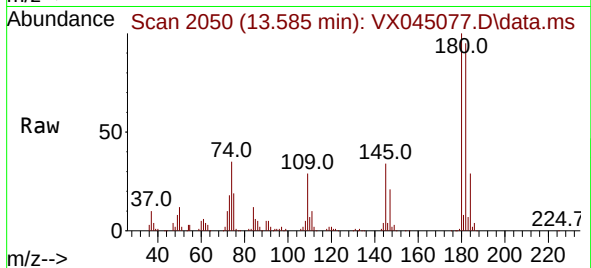
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.3	141.9
145	32.7	16.3	48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2025

Supervised By :Mahesh Dadoda 03/03/2025



#94

Hexachlorobutadiene

Concen: 52.406 ug/l

RT: 13.725 min Scan# 2073

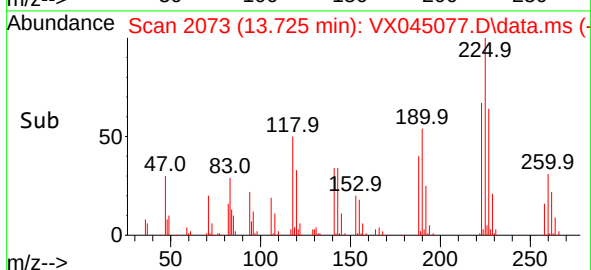
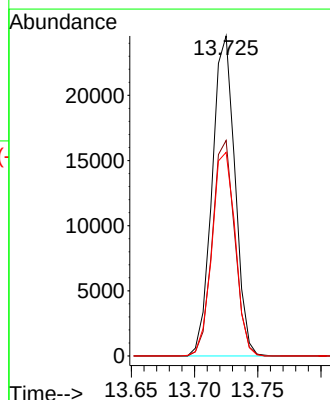
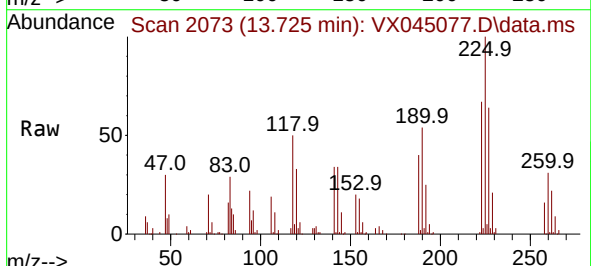
Delta R.T. -0.000 min

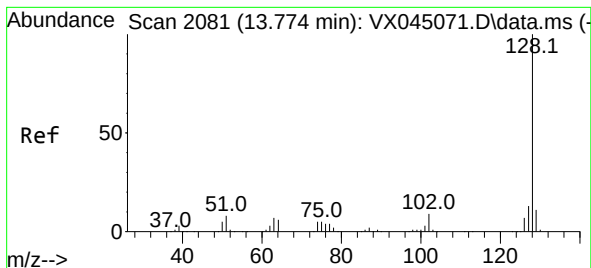
Lab File: VX045077.D

Acq: 28 Feb 2025 10:32

Tgt Ion:225 Resp: 30769

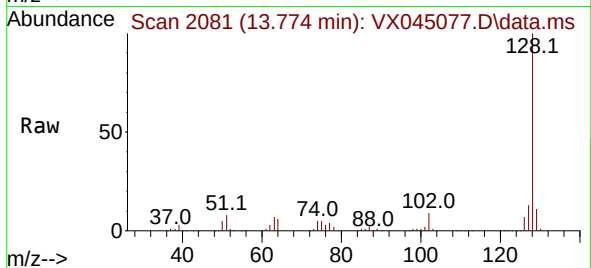
Ion	Ratio	Lower	Upper
225	100		
223	66.2	31.9	95.7
227	65.1	31.4	94.0





#95
Naphthalene
Concen: 52.367 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

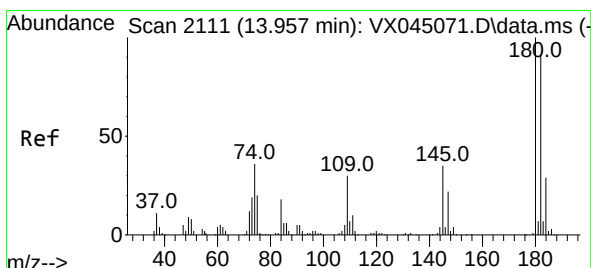
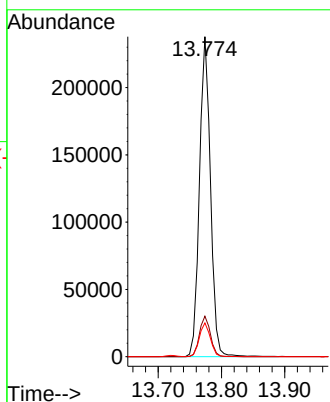
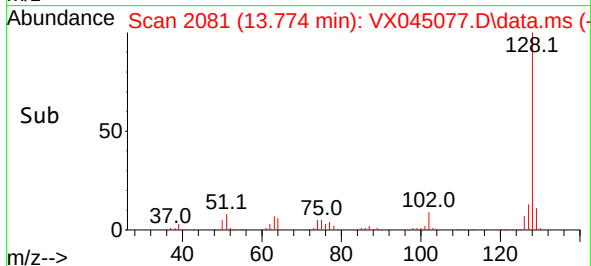
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 288129
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.796 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Tgt Ion:180 Resp: 79762
Ion Ratio Lower Upper
180 100
182 95.9 47.5 142.6
145 34.1 17.0 50.9

