

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

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	65838	195.124	ug/l	99
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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 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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	106841	60.151	ug/l	87
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

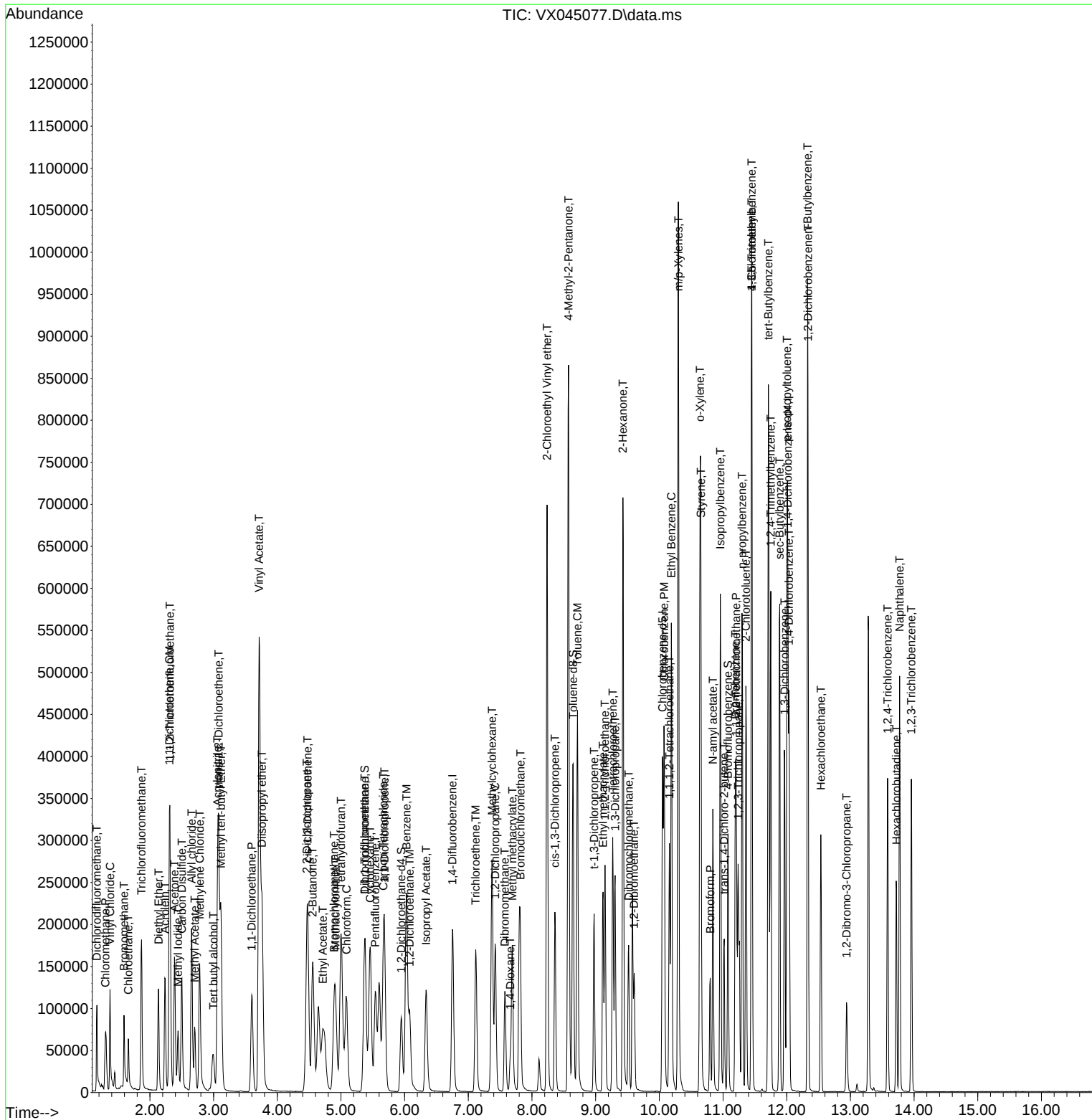
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ALS Vial : 2 Sample Multiplier: 1

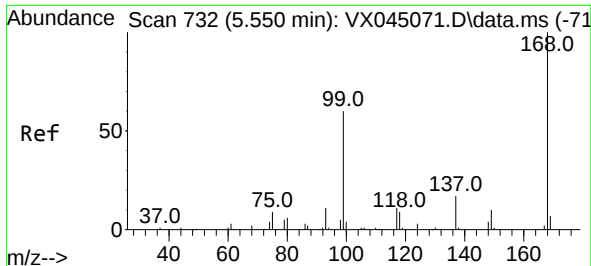
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

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

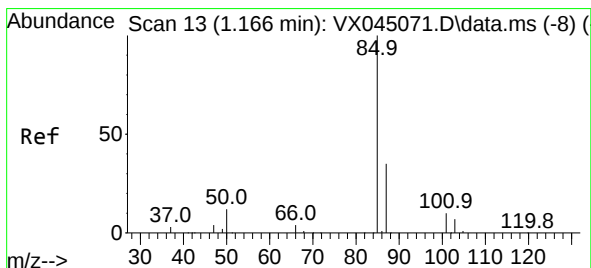
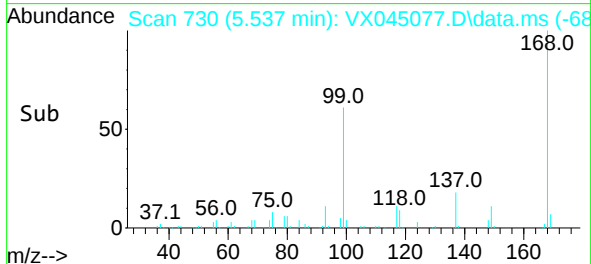
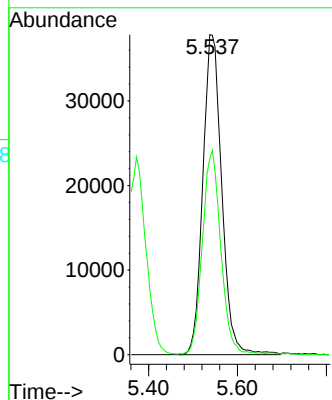
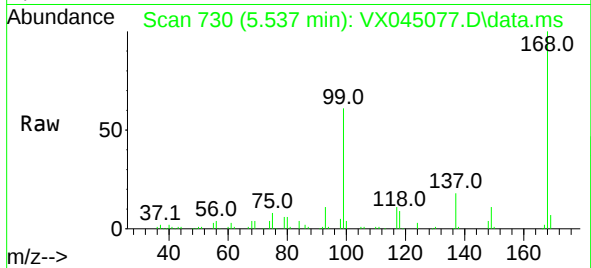




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

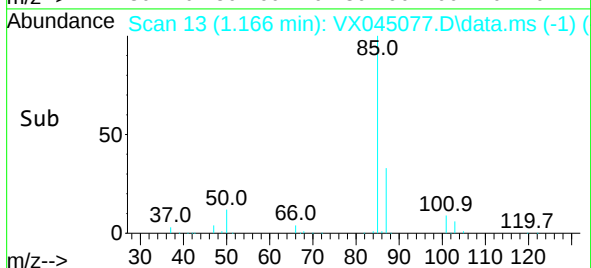
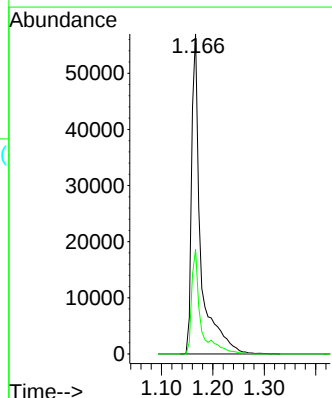
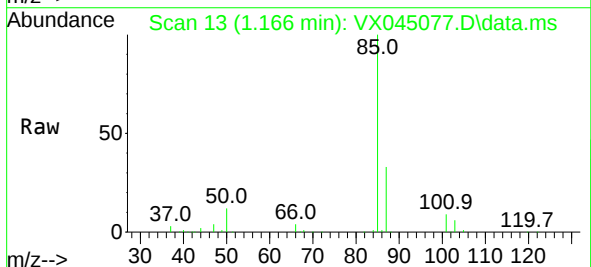
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

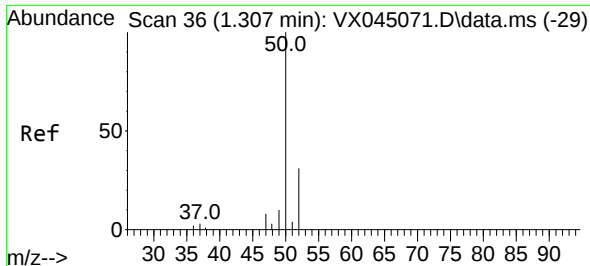
Tgt Ion:168 Resp: 111989
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#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

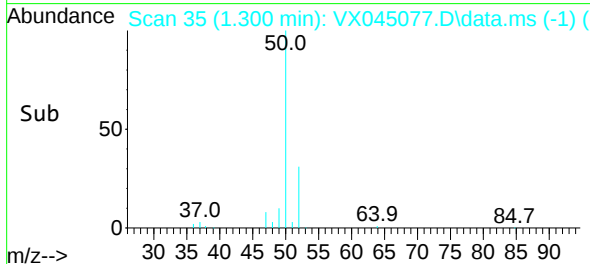
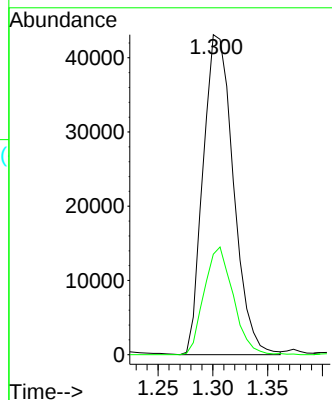
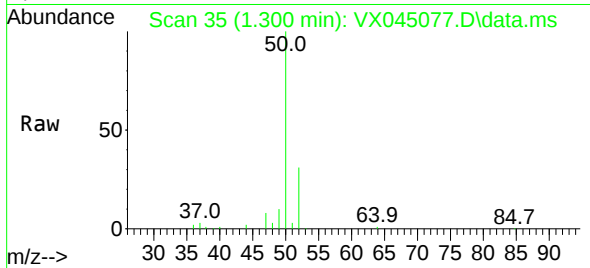




#3
Chloromethane
Concen: 48.123 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

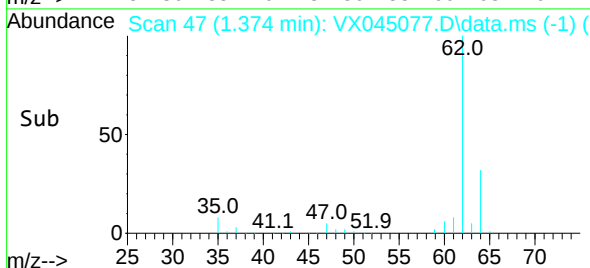
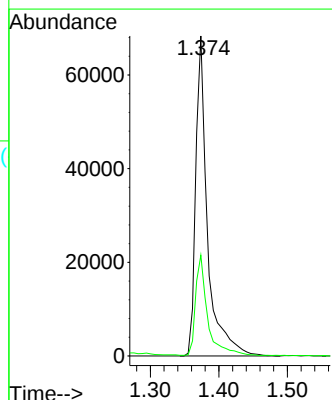
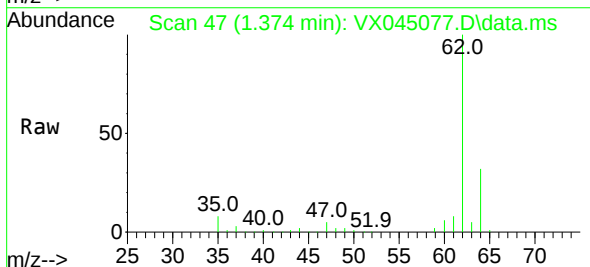
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

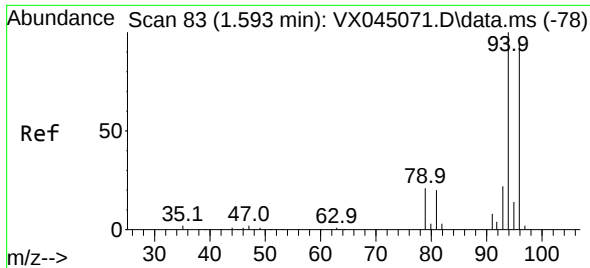
Tgt Ion: 50 Resp: 83018
Ion Ratio Lower Upper
50 100
52 31.4 25.0 37.4



#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

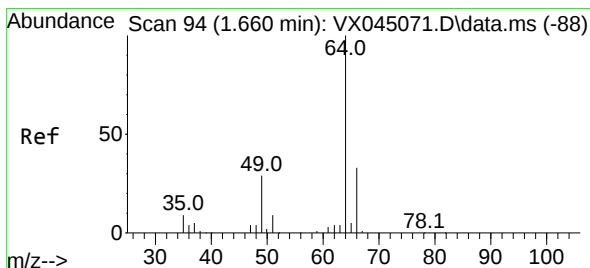
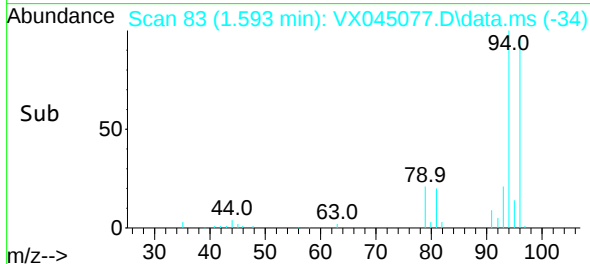
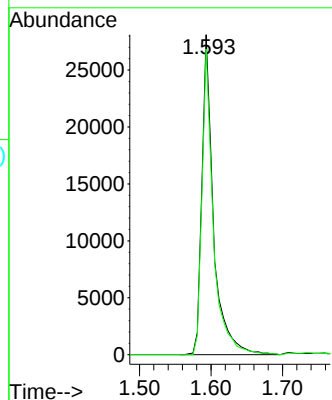
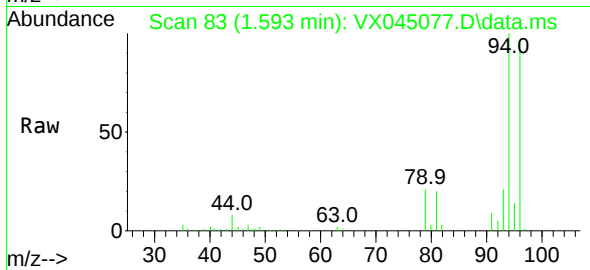




#5
Bromomethane
Concen: 46.959 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

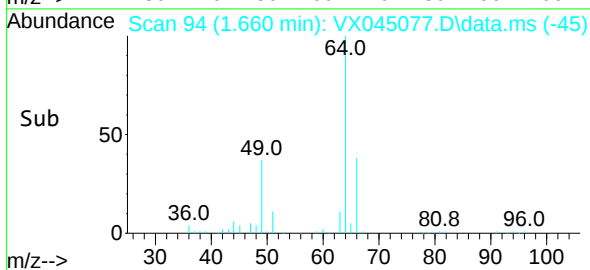
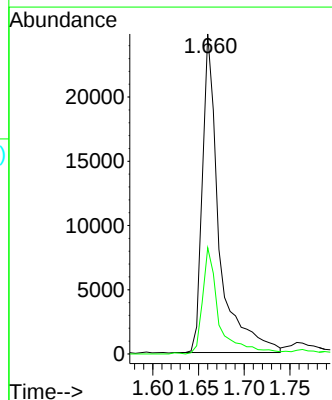
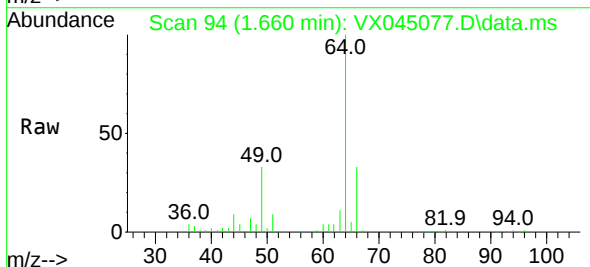
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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



#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

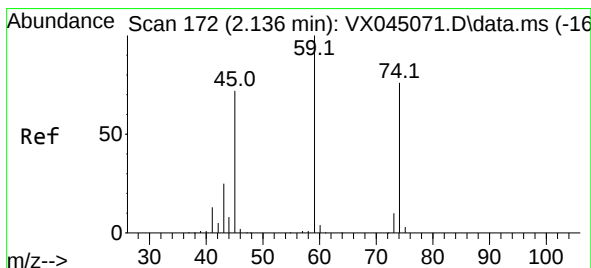
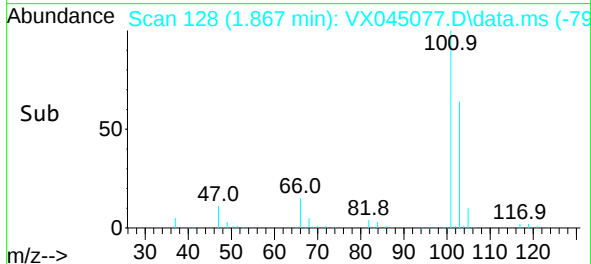
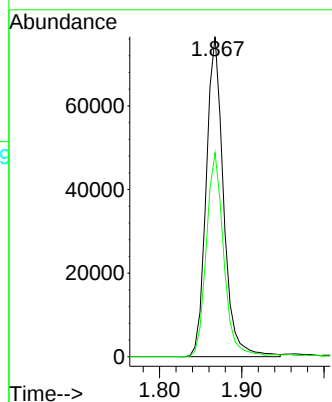
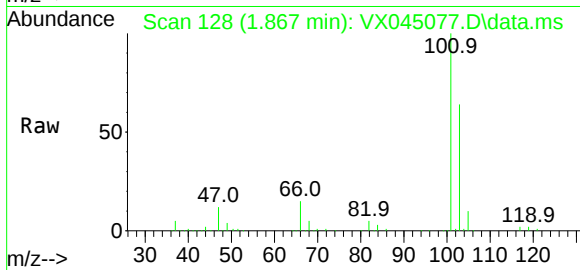




#7
Trichlorofluoromethane
Concen: 49.383 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045077.D
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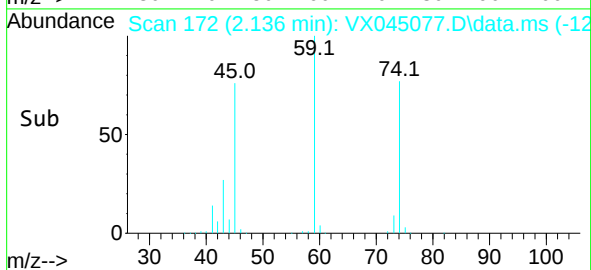
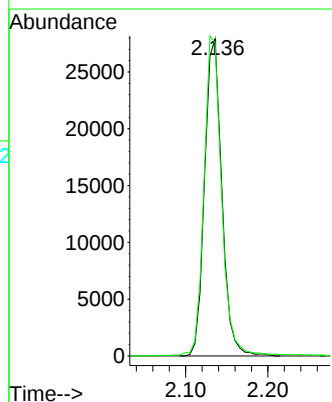
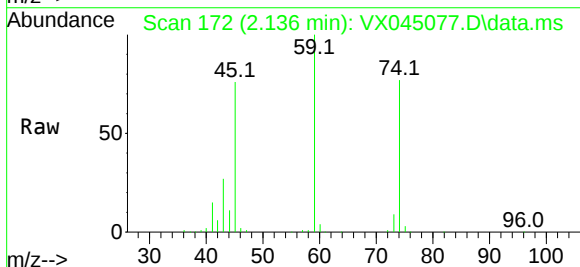
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MSVOA_X
ClientSampleId :
VSTDCCC050

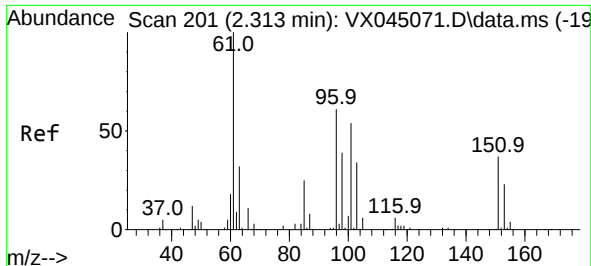
Tgt Ion:101 Resp: 111880
Ion Ratio Lower Upper
101 100
103 63.8 52.1 78.1



#8
Diethyl Ether
Concen: 45.828 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Tgt Ion: 74 Resp: 40610
Ion Ratio Lower Upper
74 100
45 103.8 51.5 154.5

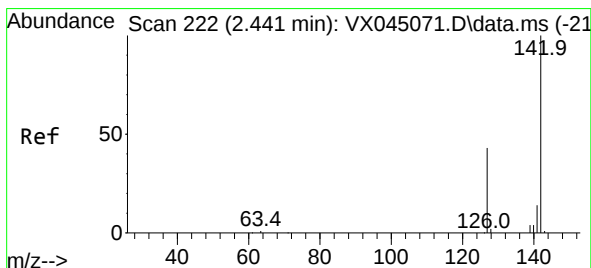
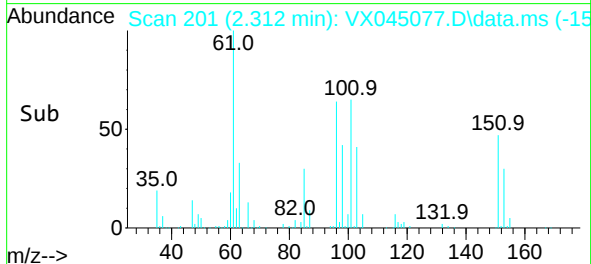
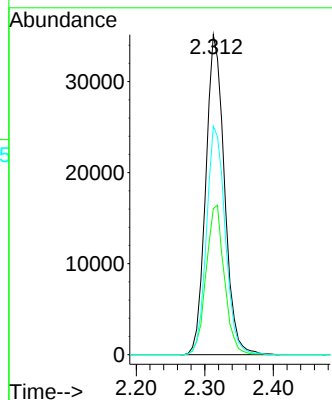
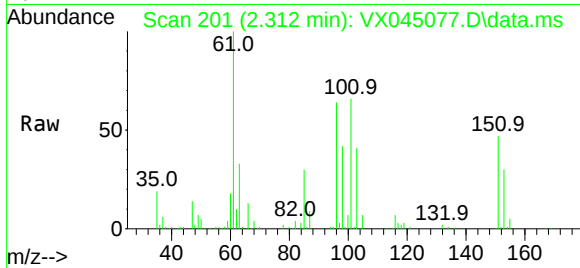




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.199 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045077.D
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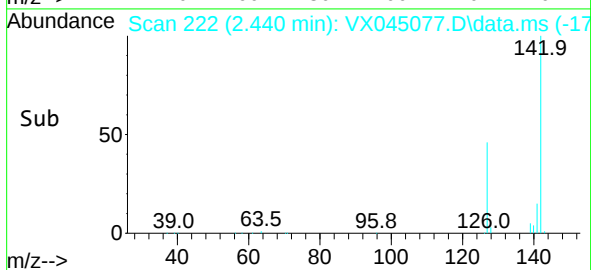
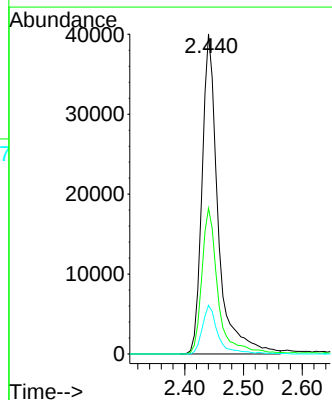
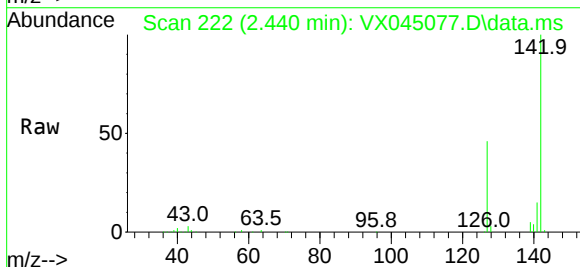
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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



#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

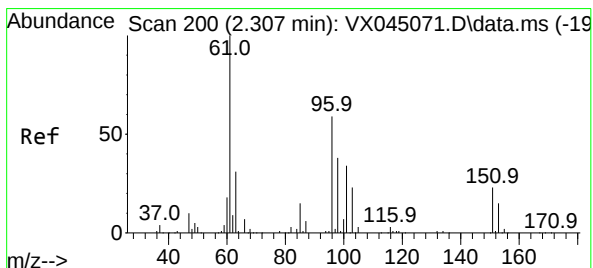
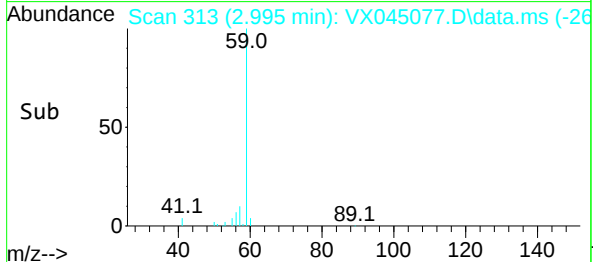
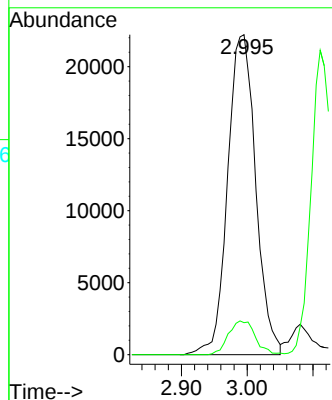
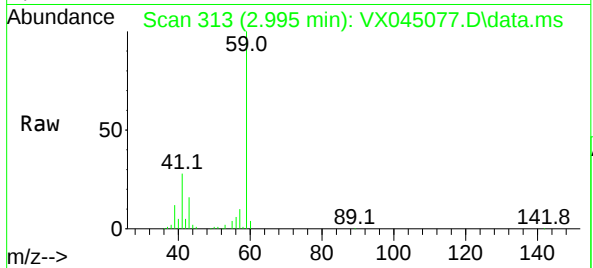




#11
Tert butyl alcohol
Concen: 195.124 ug/l
RT: 2.995 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

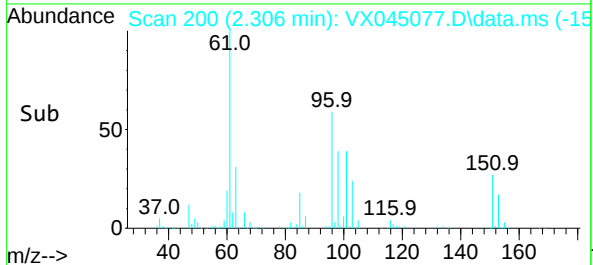
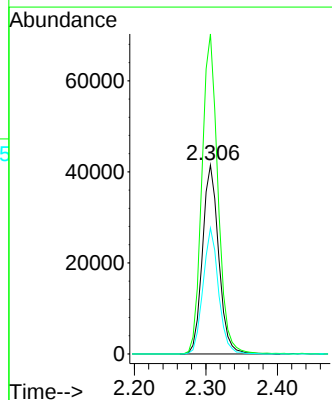
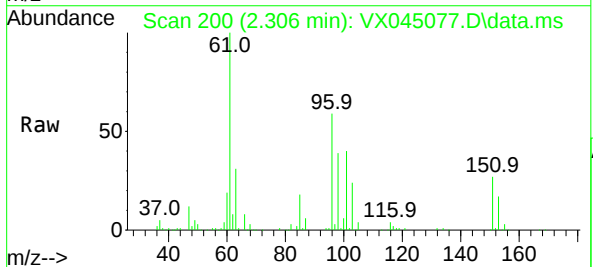
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

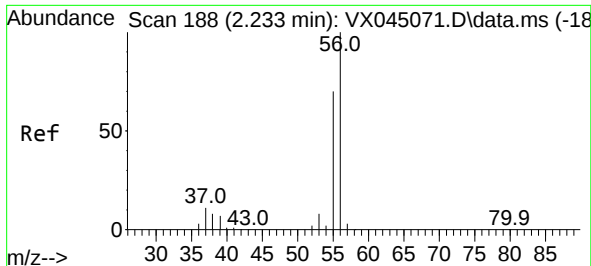
Tgt Ion: 59 Resp: 65838
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8



#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

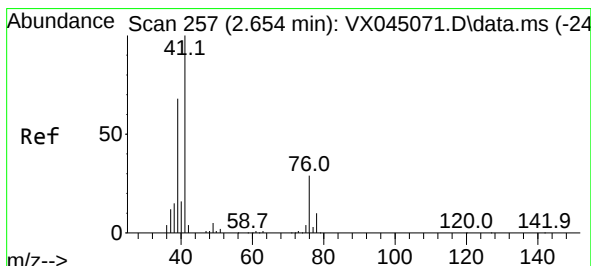
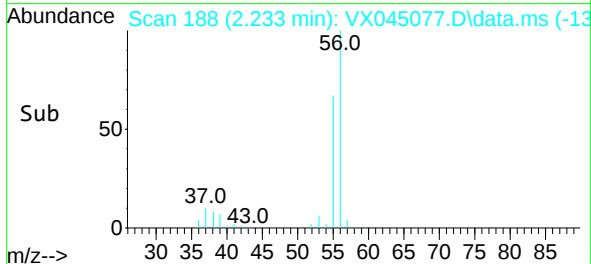
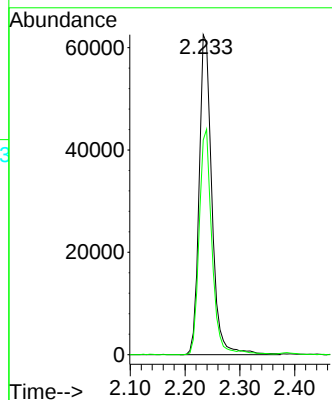
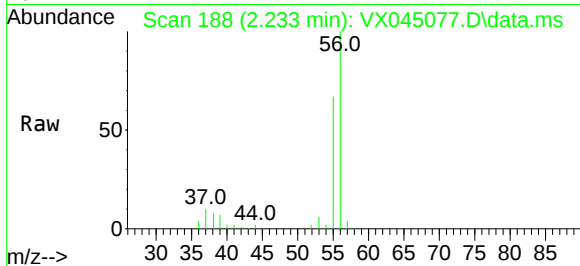




#13
Acrolein
Concen: 260.033 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

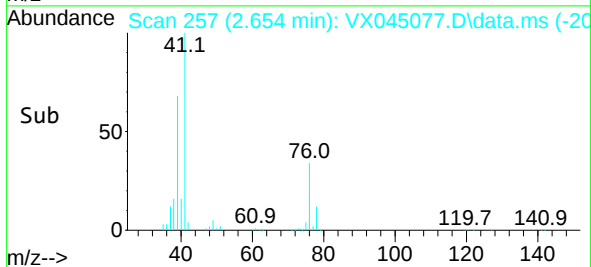
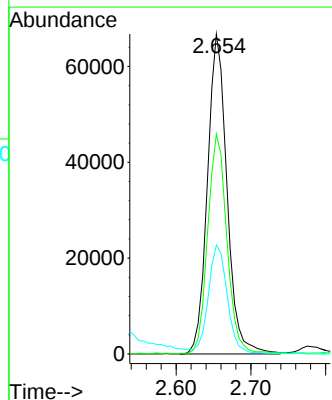
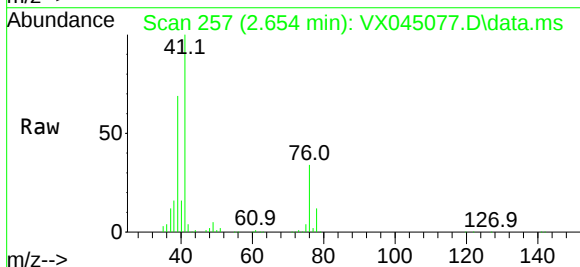
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

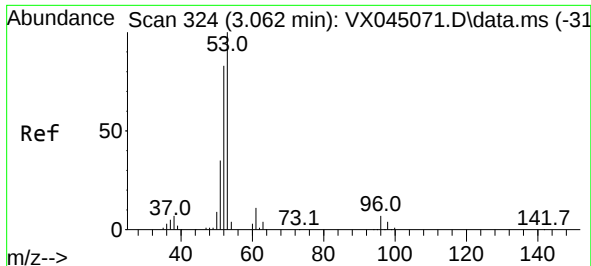
Tgt Ion: 56 Resp: 101424
Ion Ratio Lower Upper
56 100
55 69.3 56.2 84.4



#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

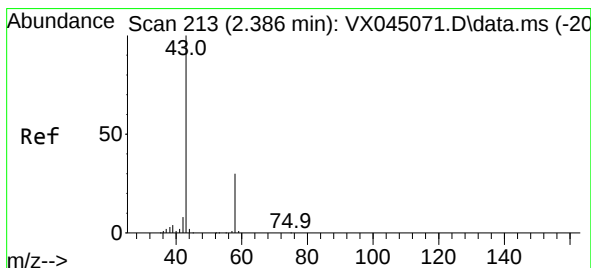
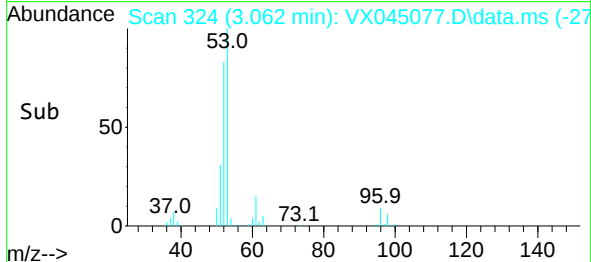
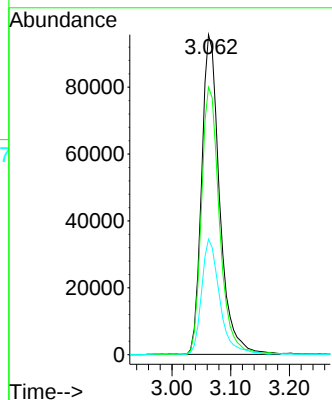
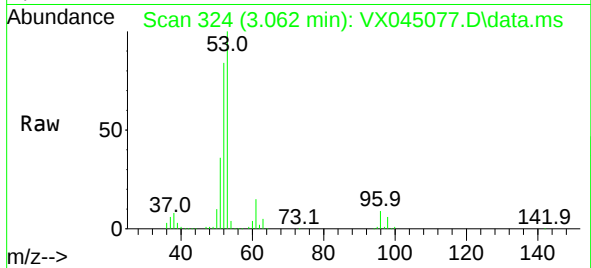




#15
Acrylonitrile
Concen: 224.925 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

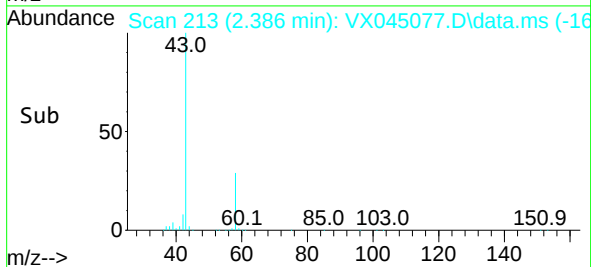
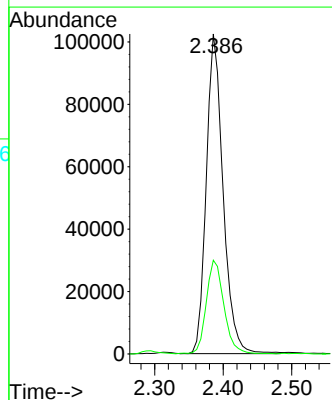
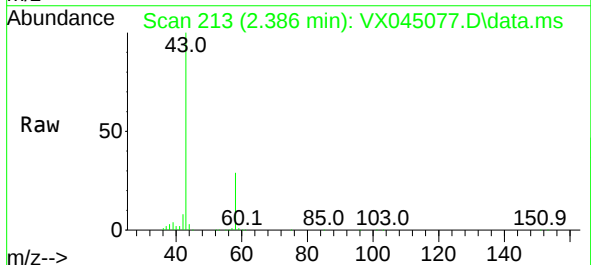
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 203403
Ion Ratio Lower Upper
53 100
52 84.2 66.2 99.2
51 36.1 29.0 43.4



#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

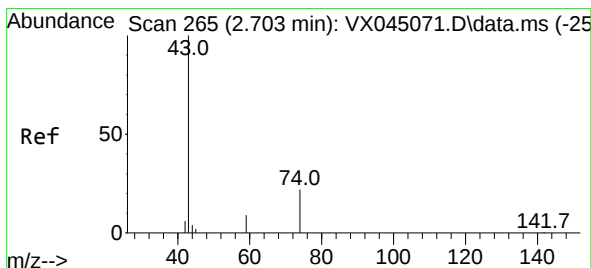
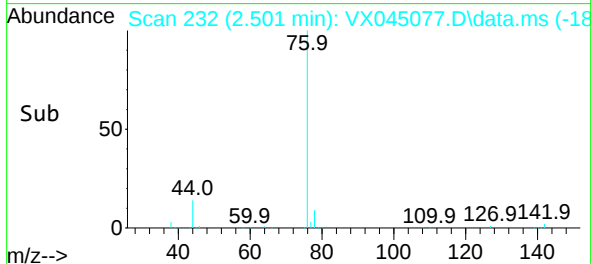
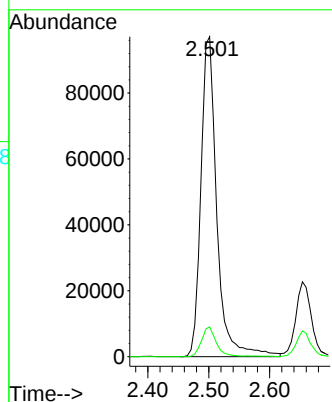
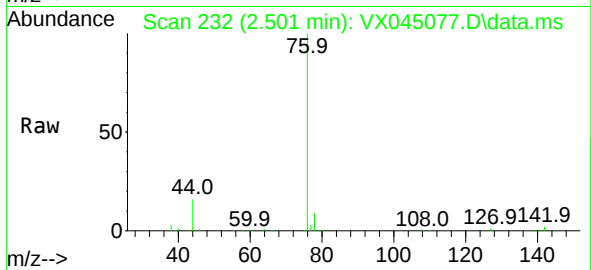




#17
Carbon Disulfide
Concen: 48.016 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

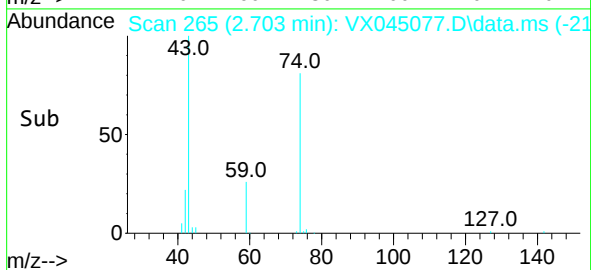
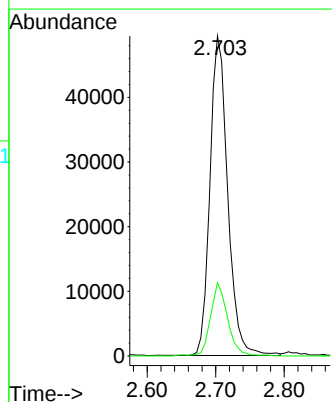
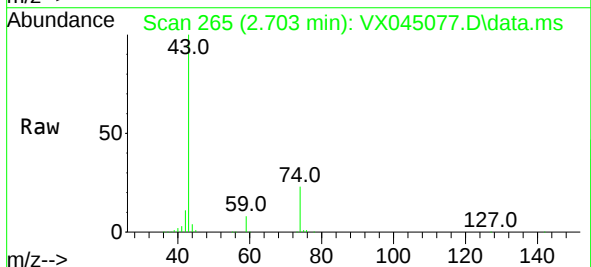
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

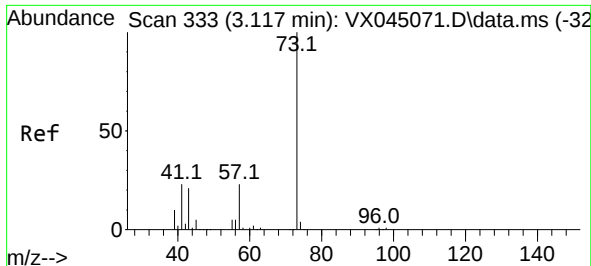
Tgt Ion: 76 Resp: 175990
Ion Ratio Lower Upper
76 100
78 9.3 6.6 9.8



#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# 31

Delta R.T. -0.000 min

Lab File: VX045077.D

Acq: 28 Feb 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

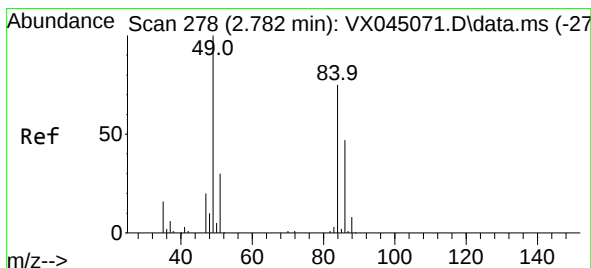
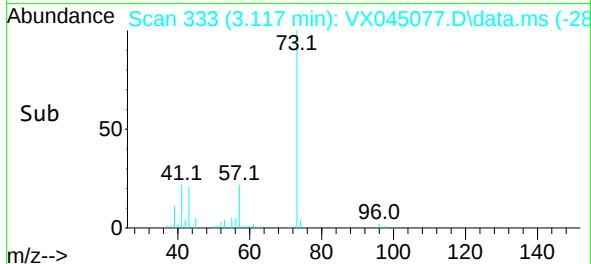
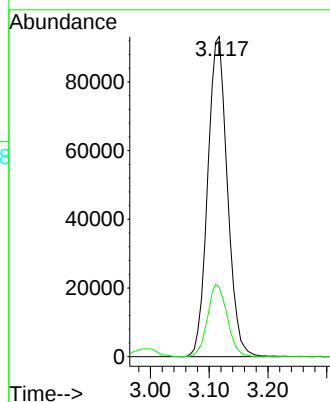
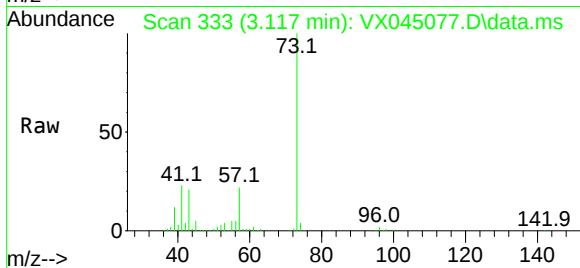
VSTDCCC050

Tgt Ion: 73 Resp: 216663

Ion Ratio Lower Upper

73 100

57 21.5 18.5 27.7



#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

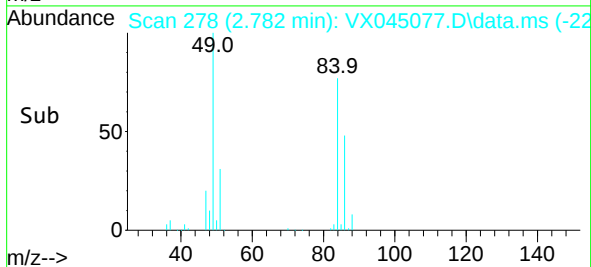
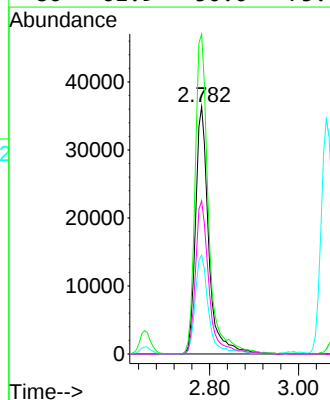
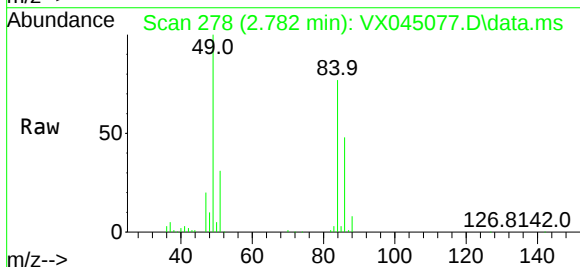
Ion Ratio Lower Upper

84 100

49 129.4 106.5 159.7

51 40.0 32.1 48.1

86 61.9 50.0 75.0

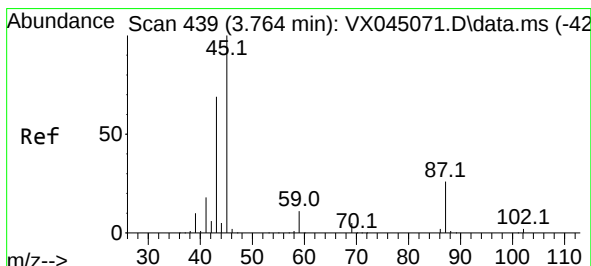
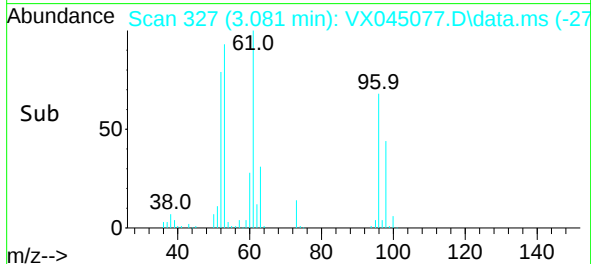
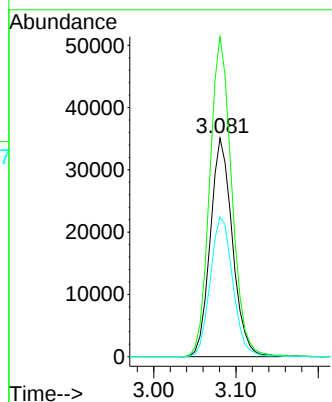
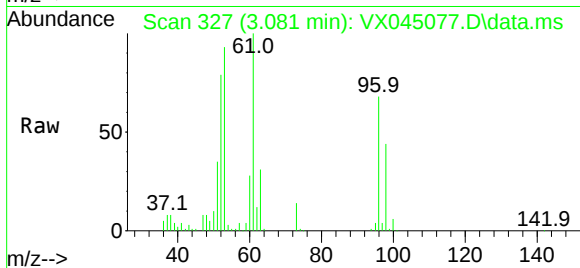




#21
trans-1,2-Dichloroethene
Concen: 48.249 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

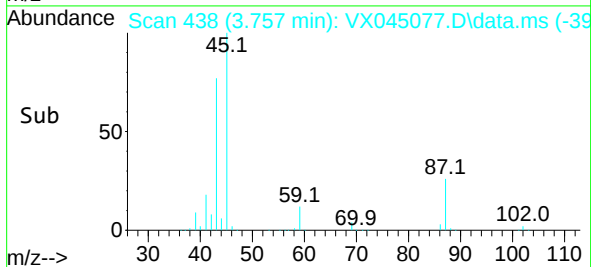
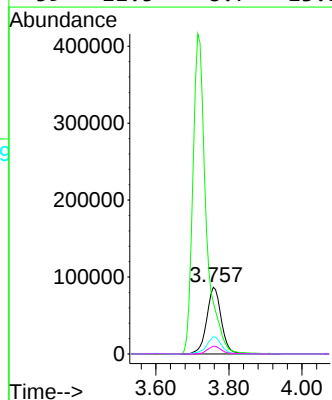
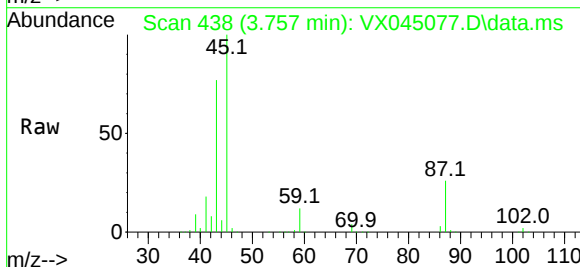
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

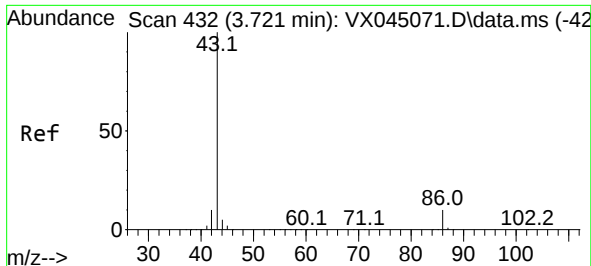
Tgt Ion: 96 Resp: 65595
Ion Ratio Lower Upper
96 100
61 146.4 117.0 175.4
98 64.0 53.4 80.2



#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

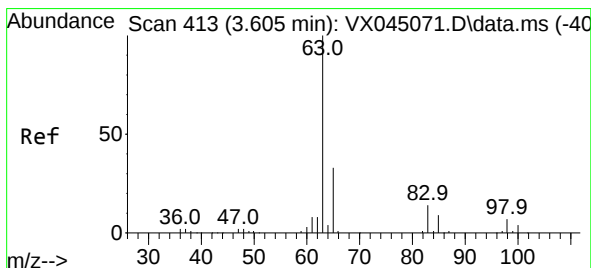
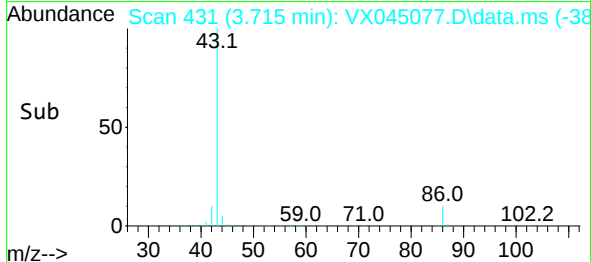
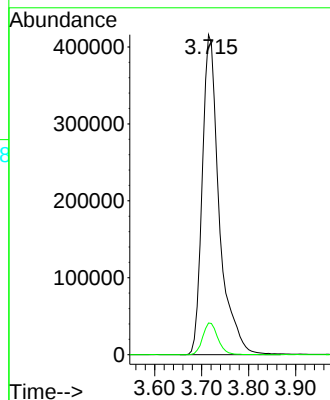
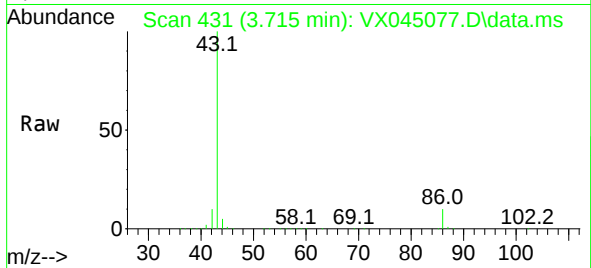




#23
 Vinyl Acetate
 Concen: 251.185 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32

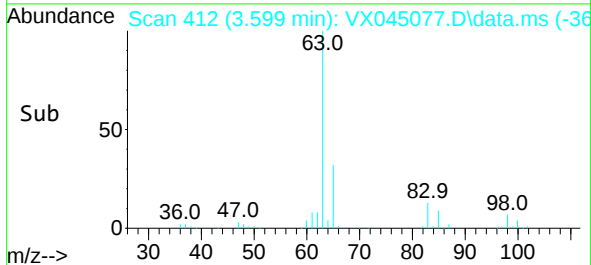
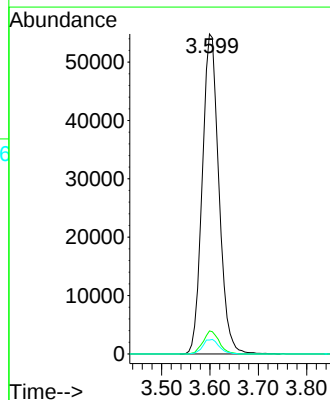
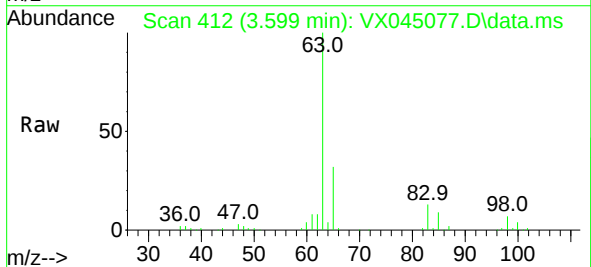
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

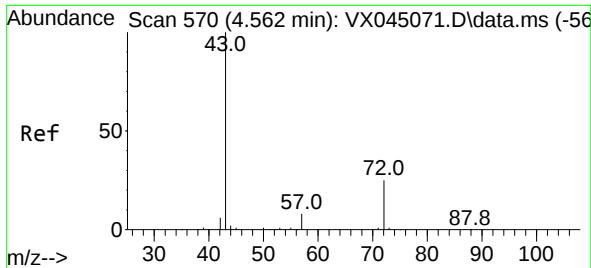
Tgt Ion: 43 Resp: 1044255
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.1 12.1



#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

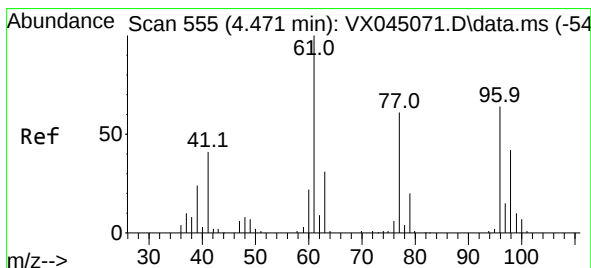
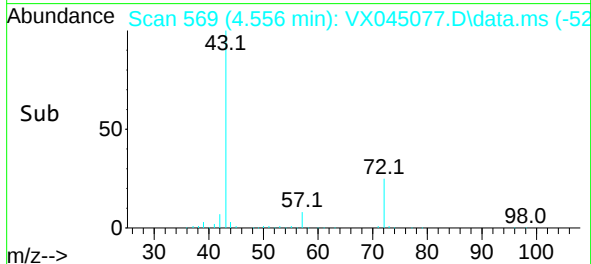
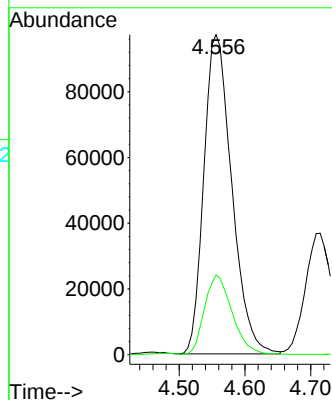
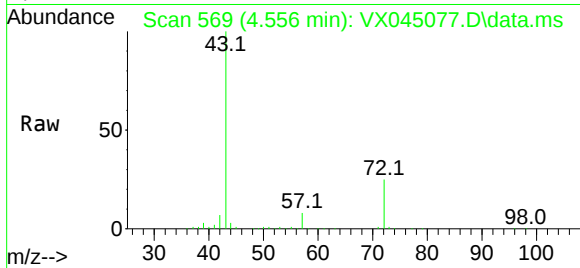




#25
2-Butanone
Concen: 230.258 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

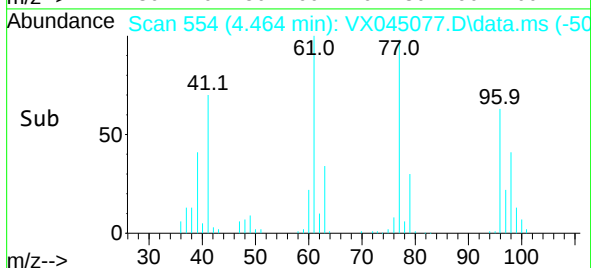
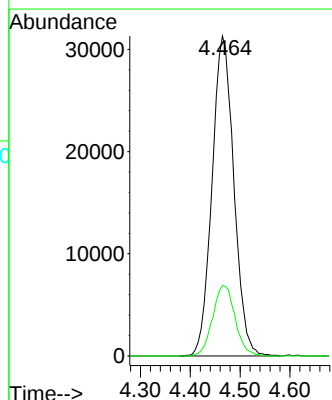
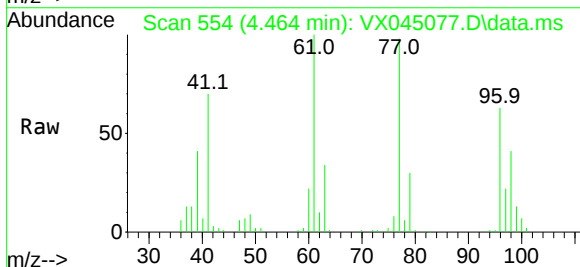
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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



#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



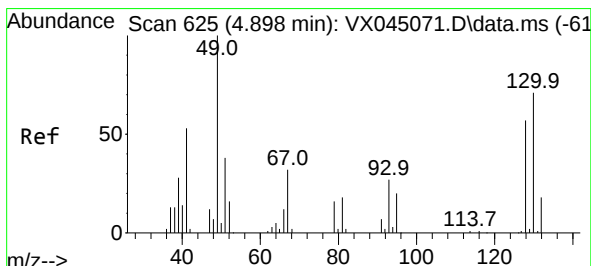
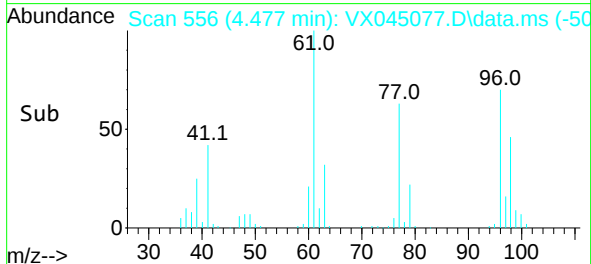
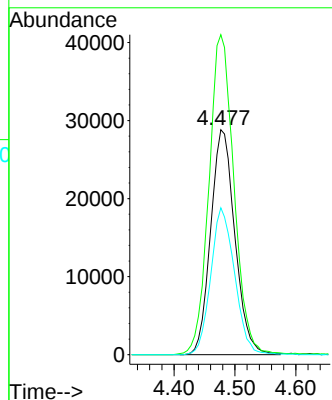
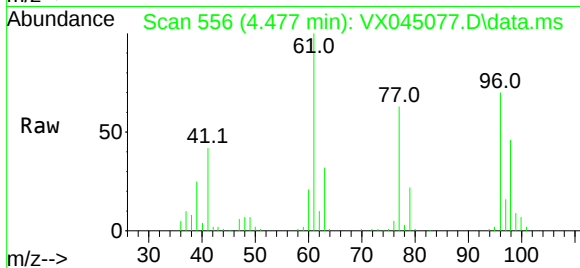


#27
 cis-1,2-Dichloroethene
 Concen: 47.500 ug/l
 RT: 4.477 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 79716

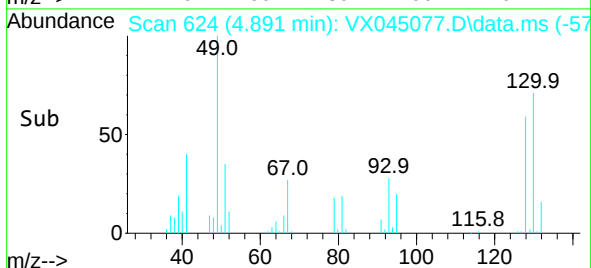
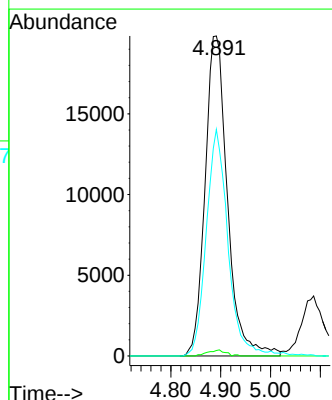
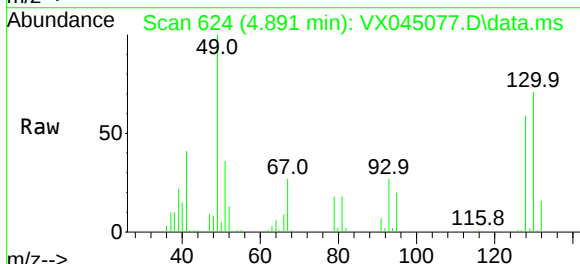
Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	283.2
98	64.4	0.0	128.0

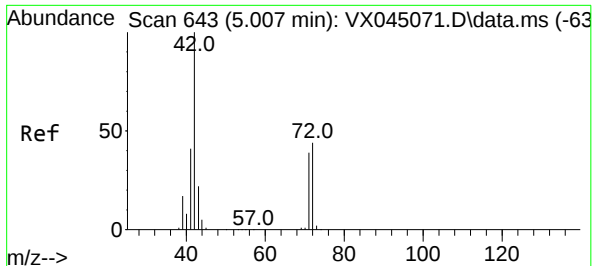


#28
 Bromochloromethane
 Concen: 46.457 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32

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

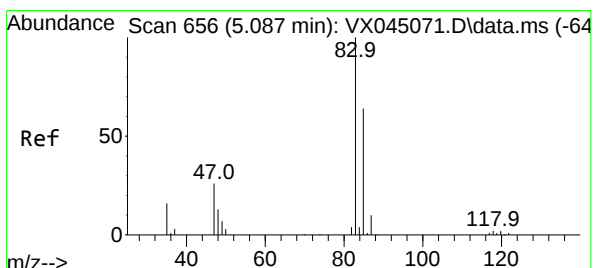
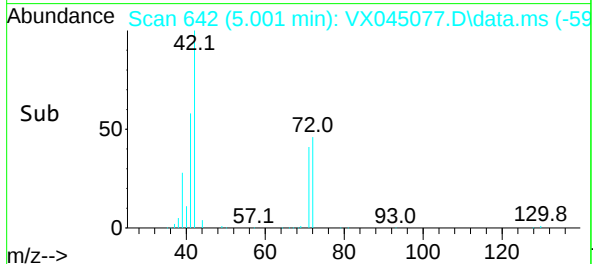
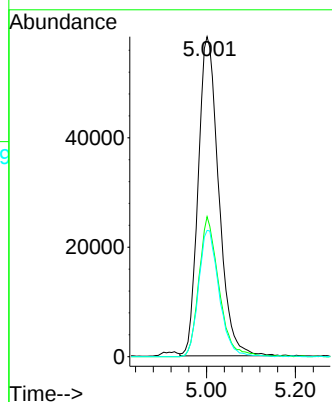
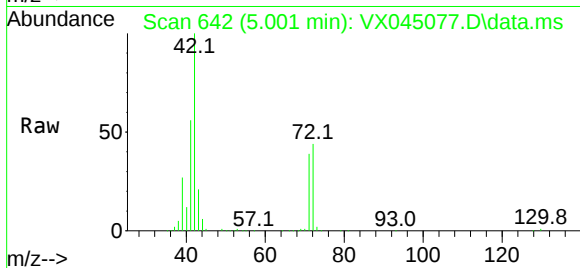
Tgt Ion: 42 Resp: 187451

Ion Ratio Lower Upper

42 100

72 42.6 34.1 51.1

71 39.5 31.4 47.0



#30

Chloroform

Concen: 46.017 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045077.D

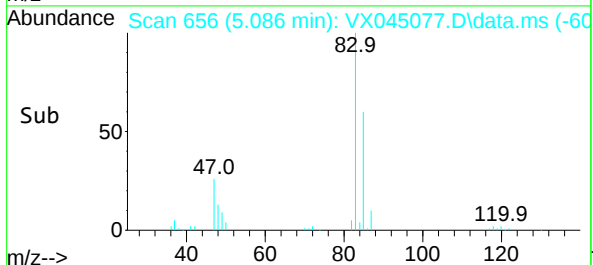
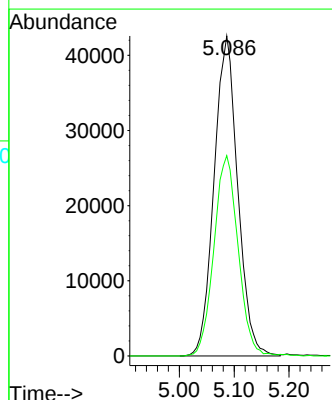
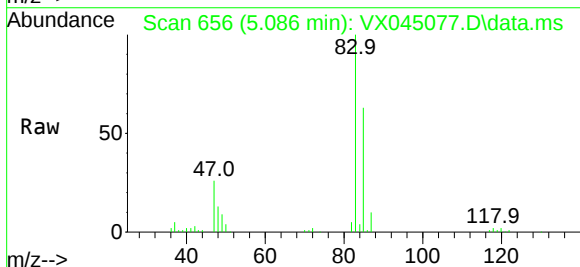
Acq: 28 Feb 2025 10:32

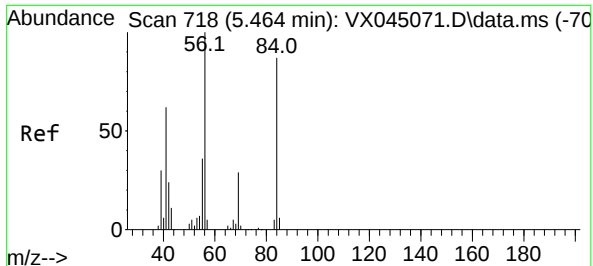
Tgt Ion: 83 Resp: 127656

Ion Ratio Lower Upper

83 100

85 62.6 51.4 77.2

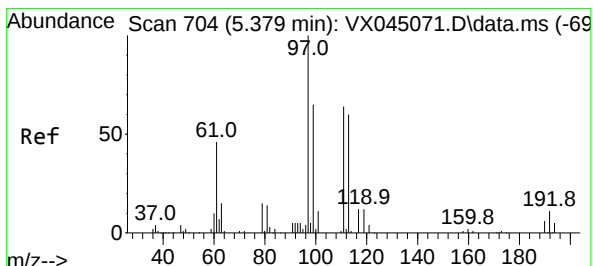
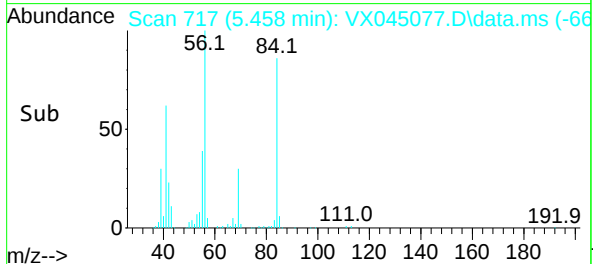
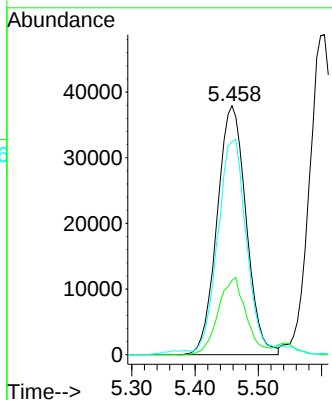
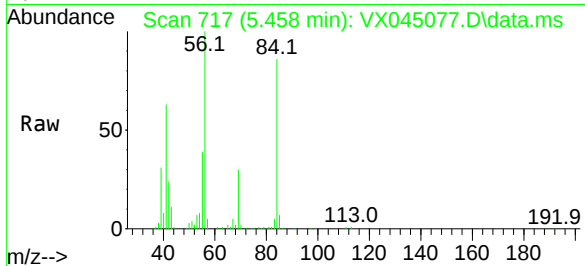




#31
Cyclohexane
Concen: 49.820 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

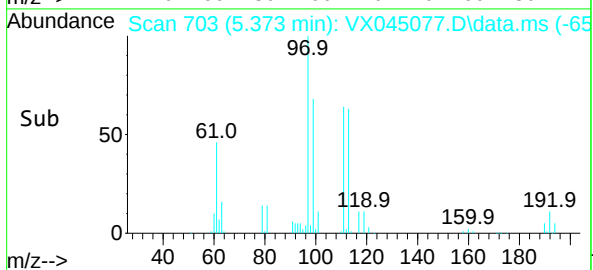
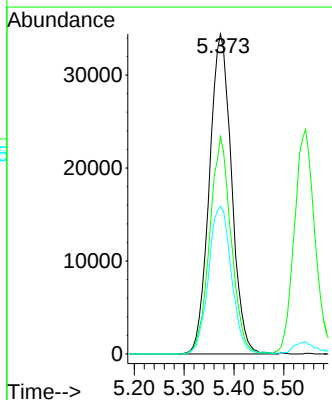
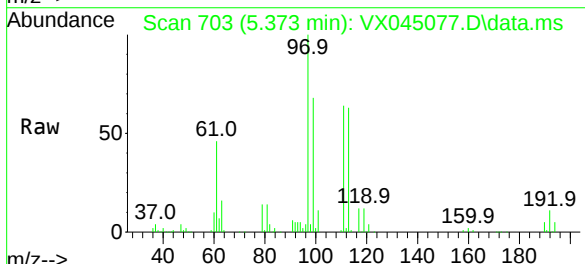
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

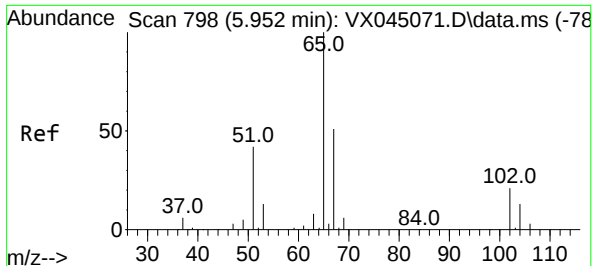
Tgt Ion: 56 Resp: 120742
Ion Ratio Lower Upper
56 100
69 29.9 23.4 35.2
84 84.1 69.4 104.2



#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 :

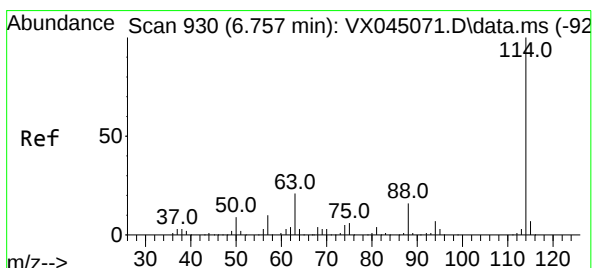
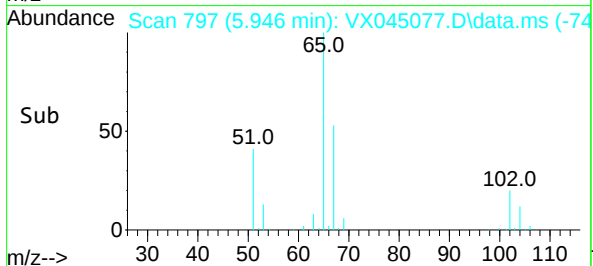
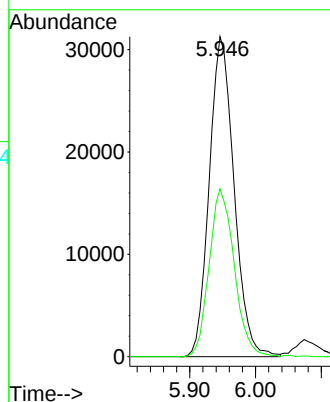
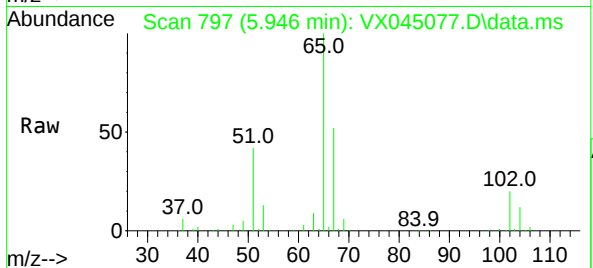
VSTDCCC050

Tgt Ion: 65 Resp: 82143

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.2



#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

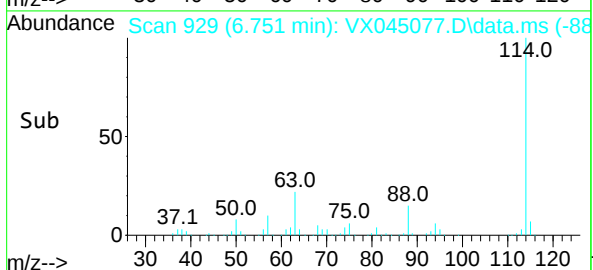
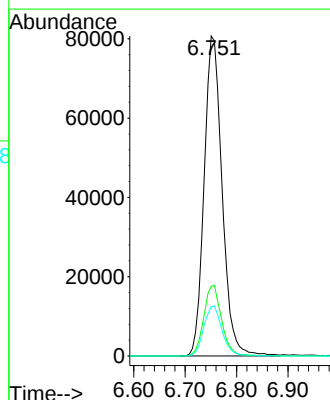
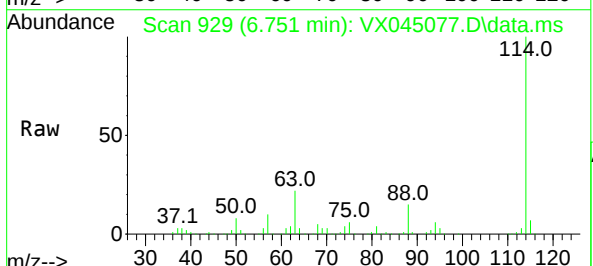
Tgt Ion: 114 Resp: 196414

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

88 15.4 0.0 32.8

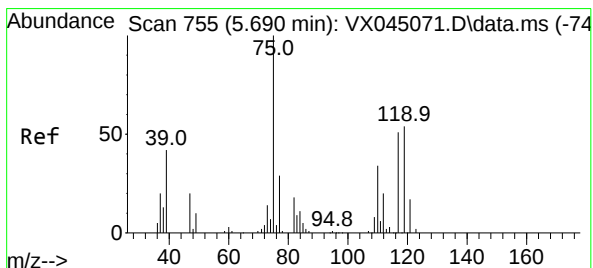
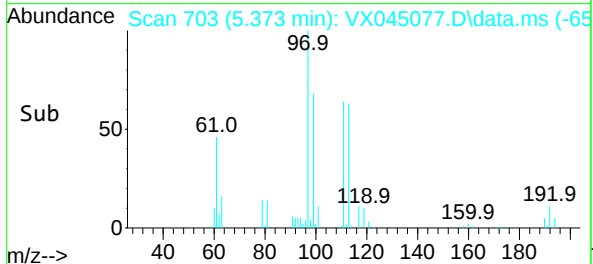
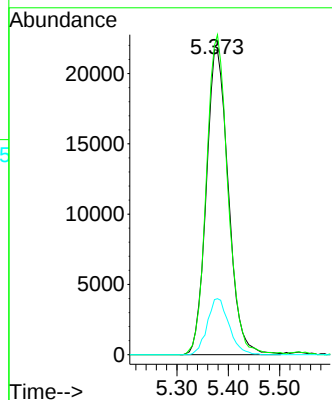
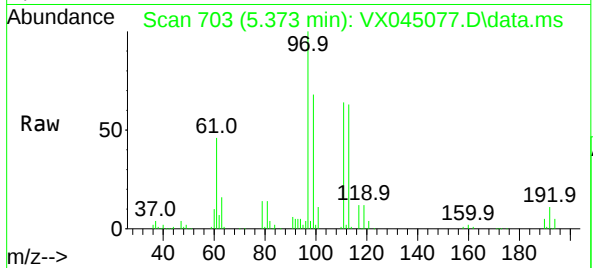




#35
Dibromofluoromethane
Concen: 49.532 ug/l
RT: 5.373 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

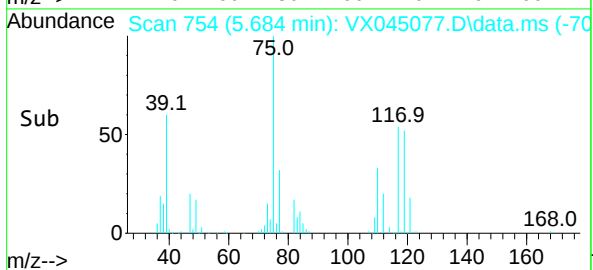
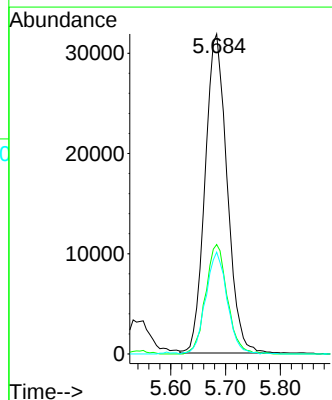
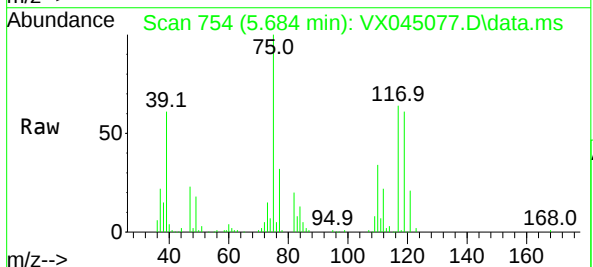
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

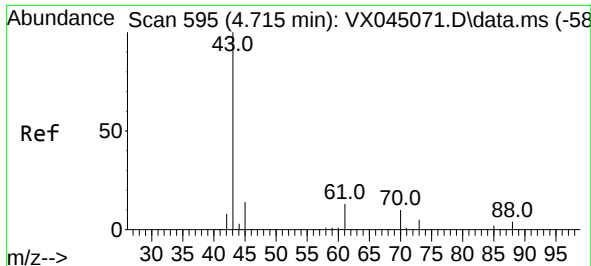
Tgt Ion:113 Resp: 65054
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.6
192 18.0 14.3 21.5



#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

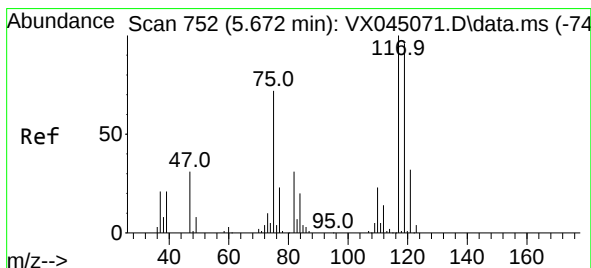
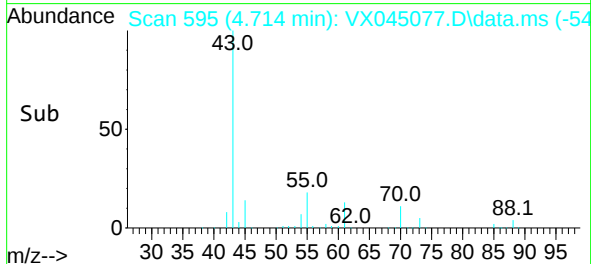
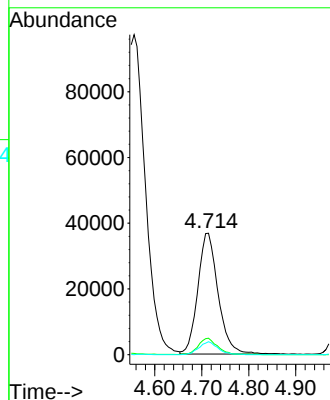
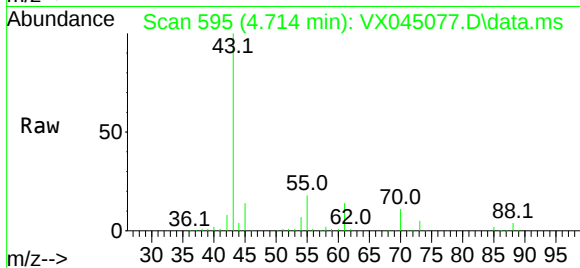
Tgt Ion: 43 Resp: 110594

Ion Ratio Lower Upper

43 100

61 12.4 10.8 16.2

70 9.9 7.7 11.5



#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

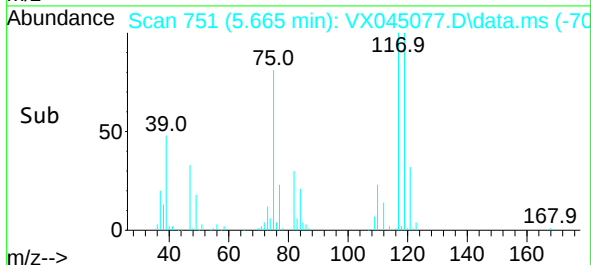
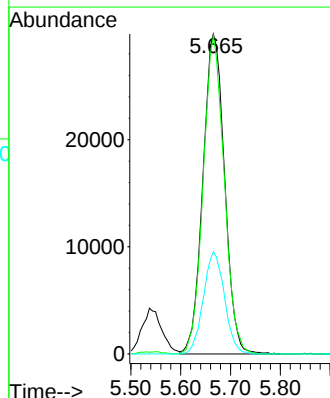
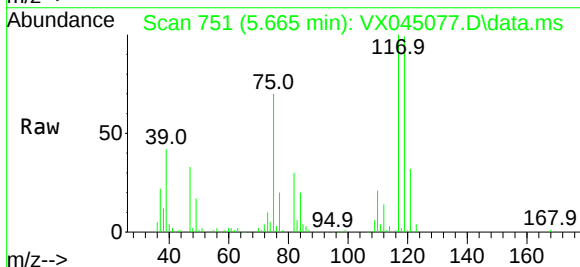
Tgt Ion: 117 Resp: 90184

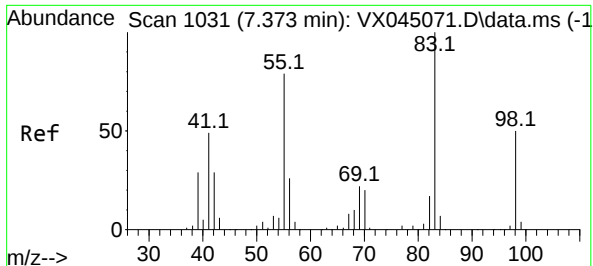
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.000 min

Lab File: VX045077.D

Acq: 28 Feb 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

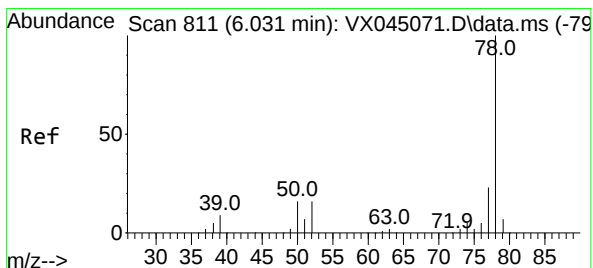
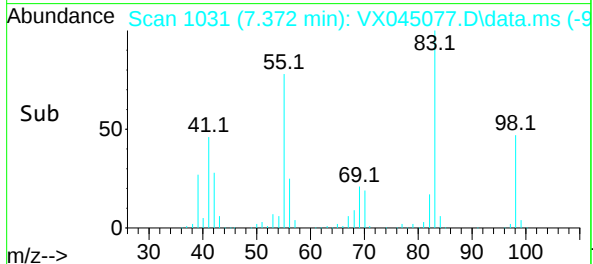
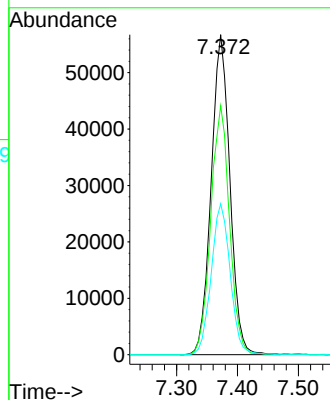
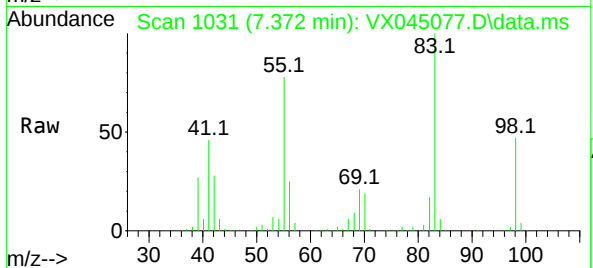
Tgt Ion: 83 Resp: 121207

Ion Ratio Lower Upper

83 100

55 77.8 63.0 94.4

98 47.2 39.7 59.5



#40

Benzene

Concen: 49.480 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045077.D

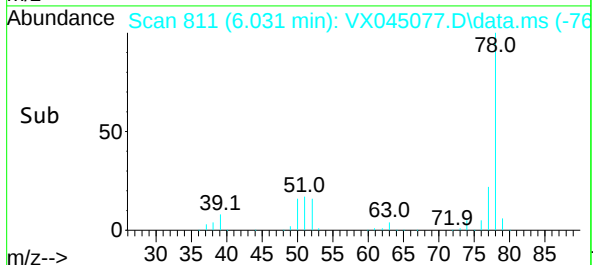
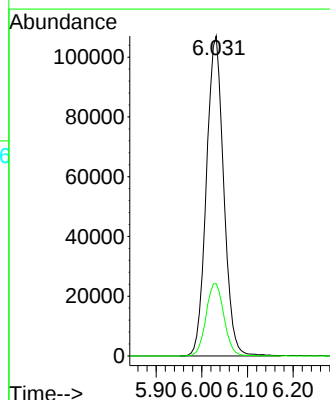
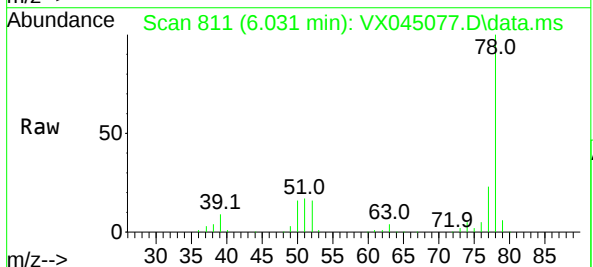
Acq: 28 Feb 2025 10:32

Tgt Ion: 78 Resp: 281425

Ion Ratio Lower Upper

78 100

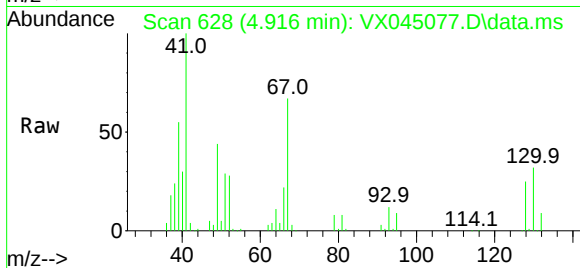
77 22.6 18.8 28.2





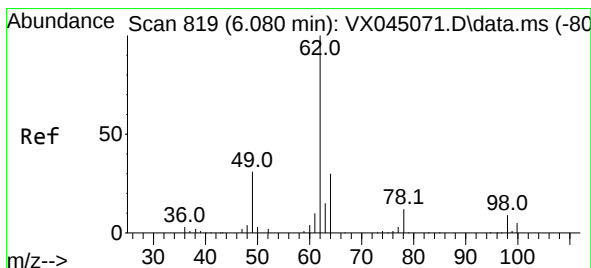
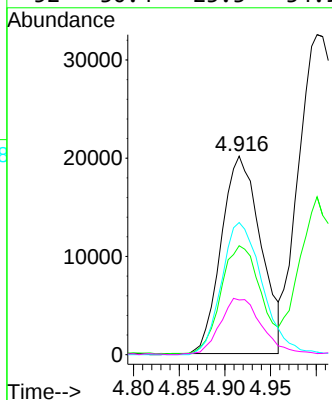
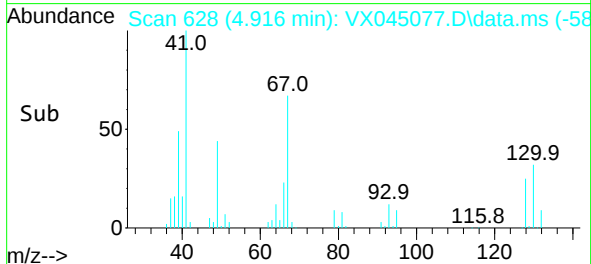
#41
Methacrylonitrile
Concen: 48.126 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 60396

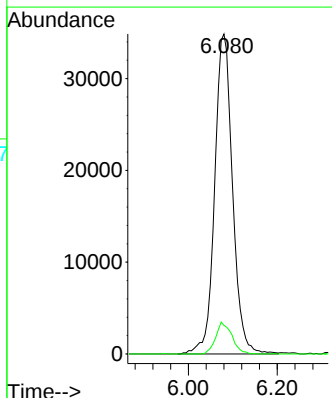
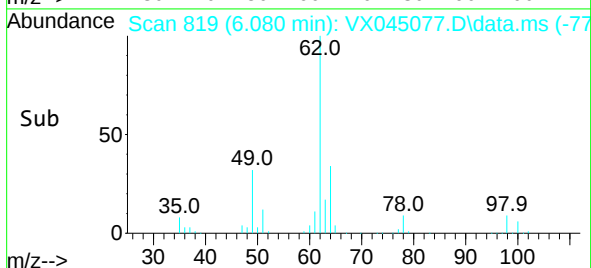
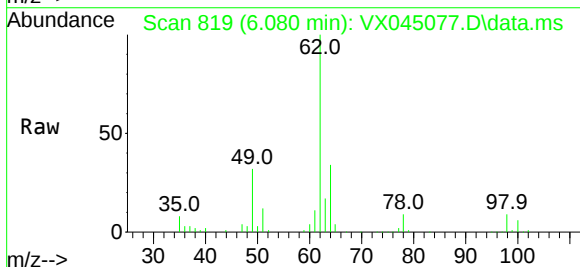
Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.6	67.0
67	69.8	53.9	80.9
52	30.4	23.3	34.9

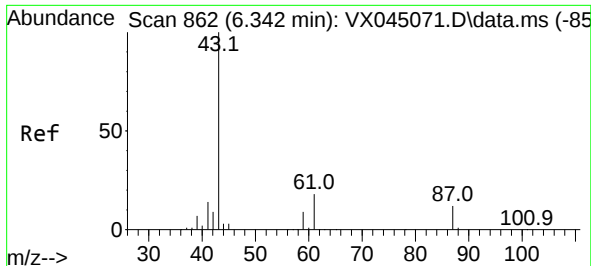


#42
1,2-Dichloroethane
Concen: 47.405 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

Tgt Ion: 62 Resp: 97091

Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2

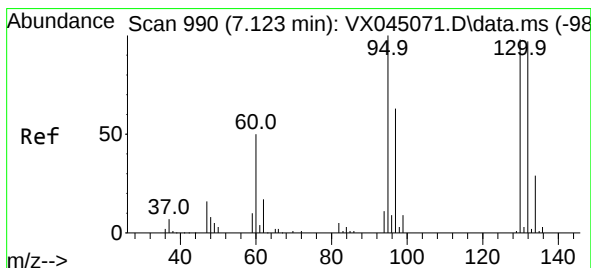
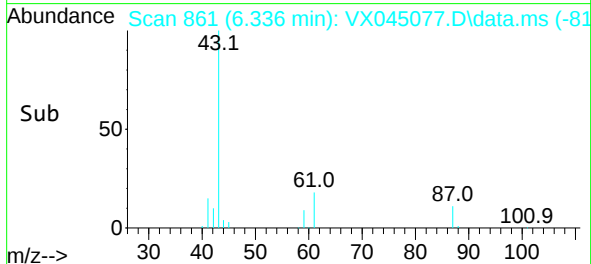
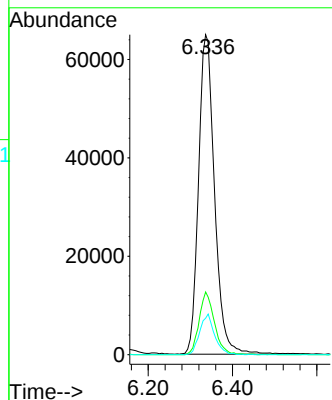
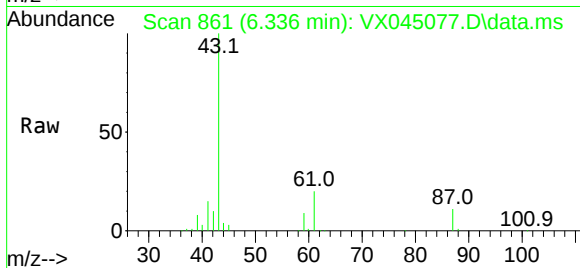




#43
Isopropyl Acetate
Concen: 50.139 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

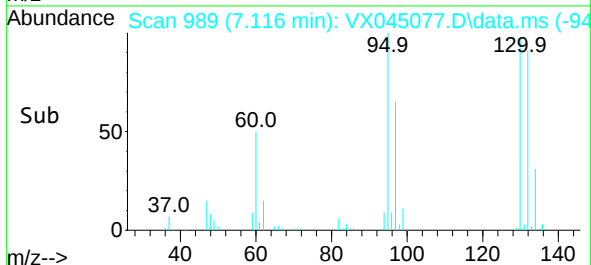
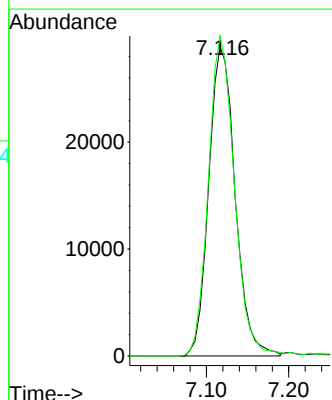
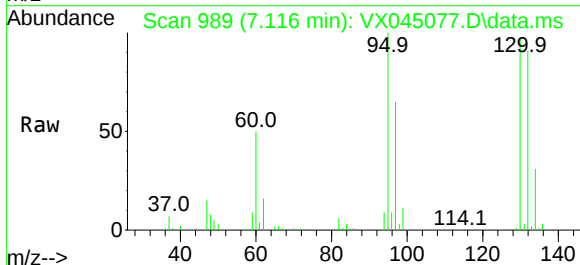
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 172076
Ion Ratio Lower Upper
43 100
61 18.7 14.9 22.3
87 11.8 9.4 14.2



#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 :

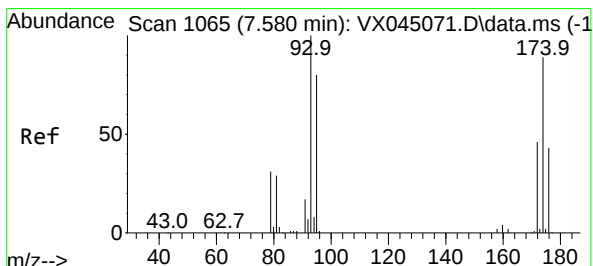
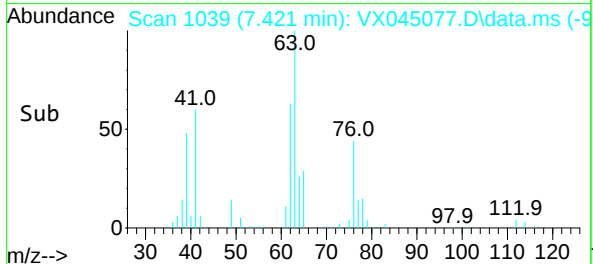
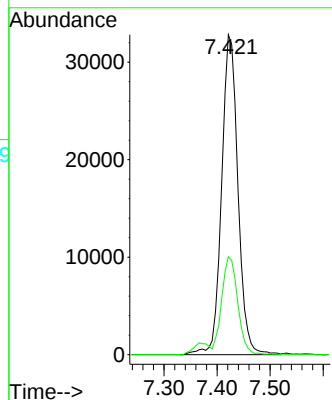
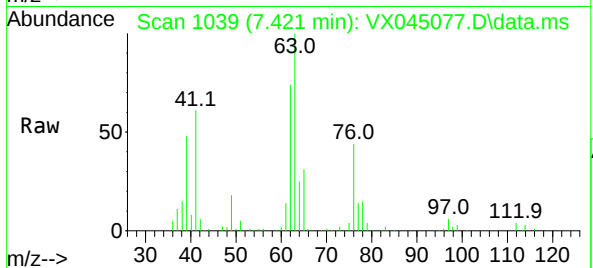
VSTDCCC050

Tgt Ion: 63 Resp: 70234

Ion Ratio Lower Upper

63 100

65 30.6 24.7 37.1



#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

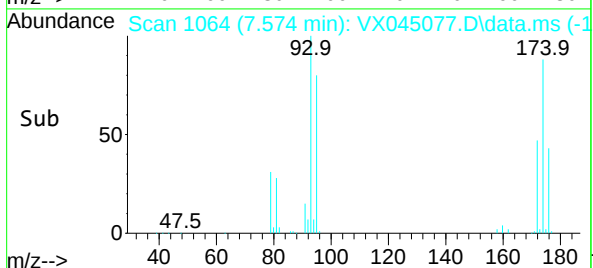
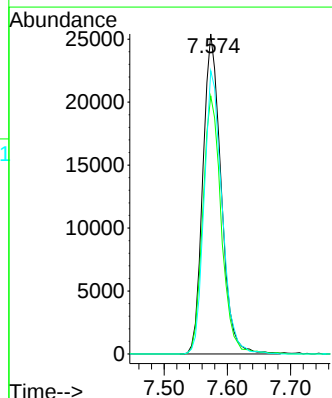
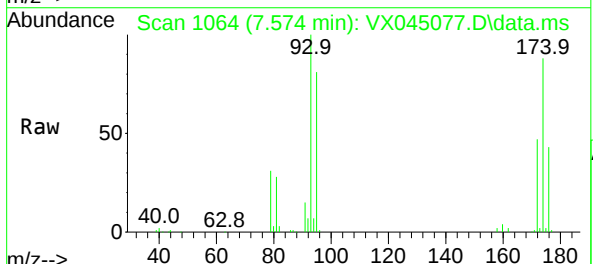
Tgt Ion: 93 Resp: 50957

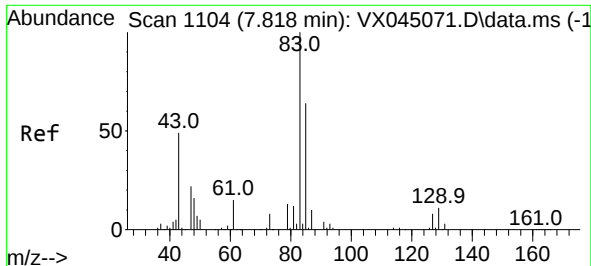
Ion Ratio Lower Upper

93 100

95 81.4 65.8 98.8

174 87.1 72.2 108.2

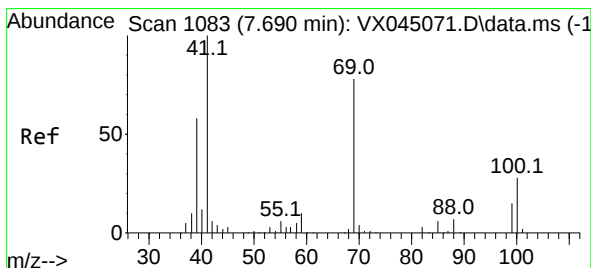
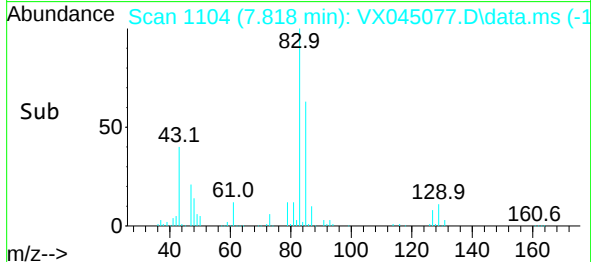
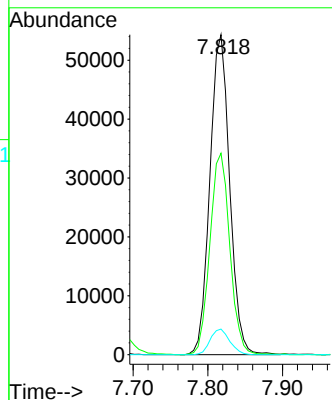
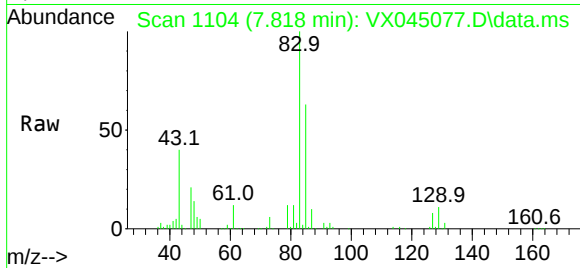




#47
Bromodichloromethane
Concen: 49.243 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

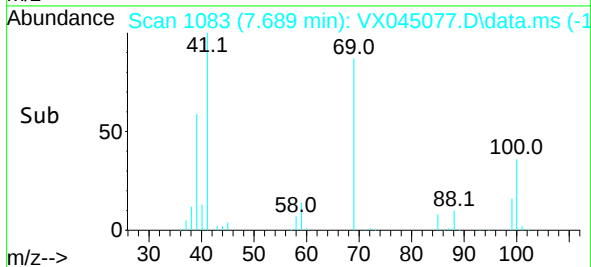
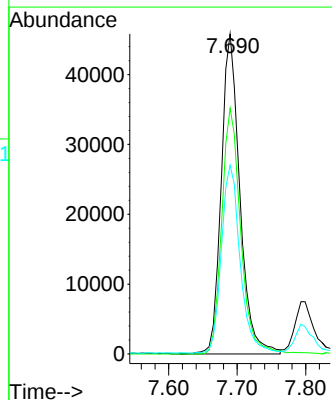
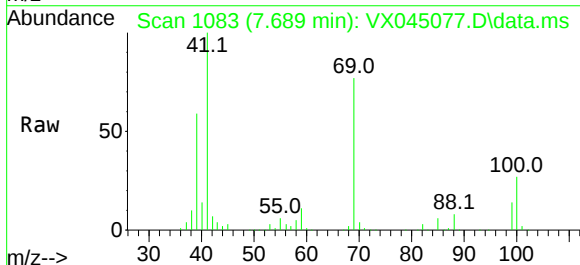
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

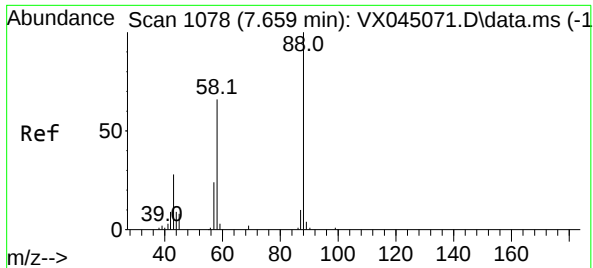
Tgt Ion: 83 Resp: 99834
Ion Ratio Lower Upper
83 100
85 62.9 51.1 76.7
127 8.0 6.4 9.6



#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

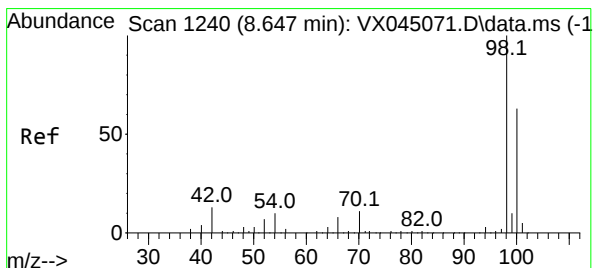
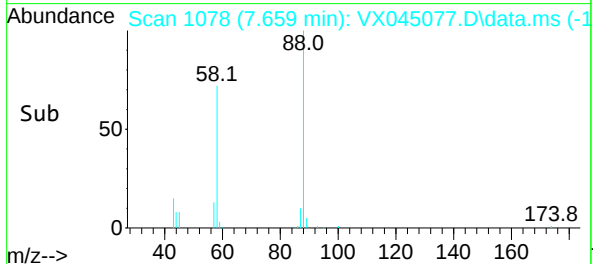
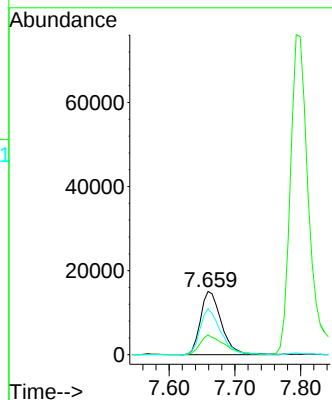
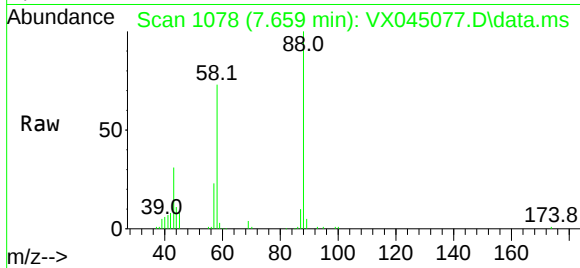




#49
 1,4-Dioxane
 Concen: 912.798 ug/l
 RT: 7.659 min Scan# 1078
 Delta R.T. -0.000 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32

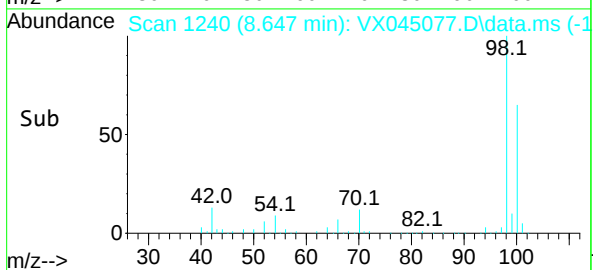
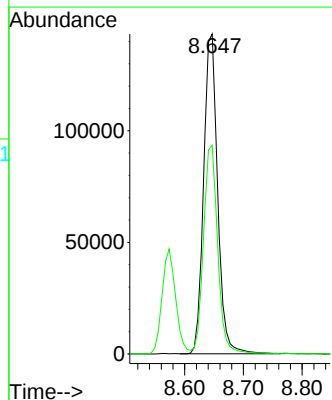
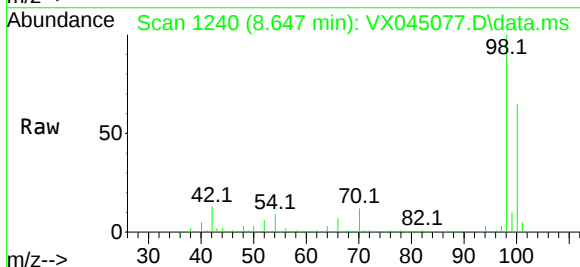
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

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



#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

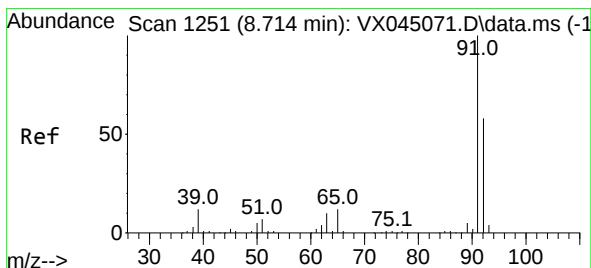
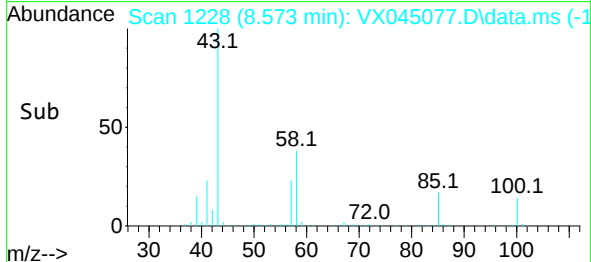
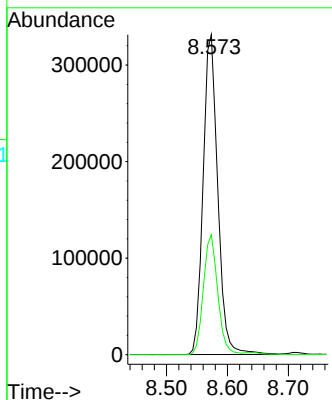
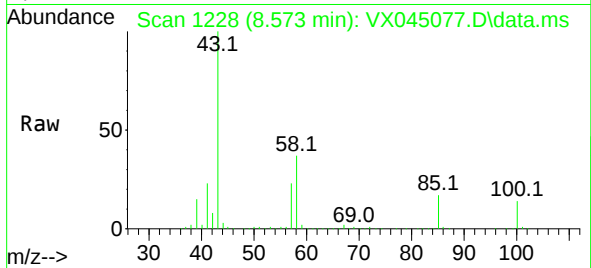




#51
4-Methyl-2-Pentanone
Concen: 240.651 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

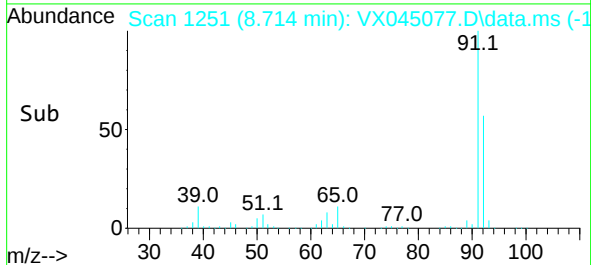
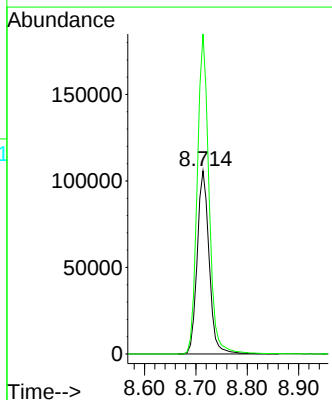
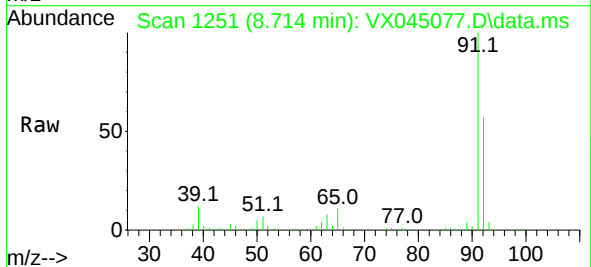
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

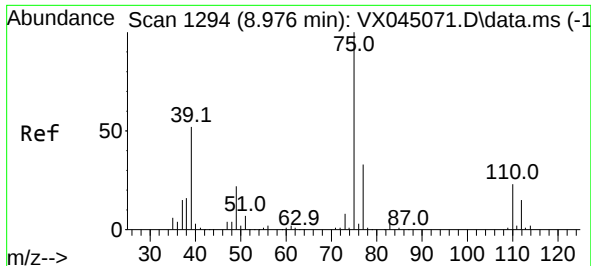
Tgt Ion: 43 Resp: 554547
Ion Ratio Lower Upper
43 100
58 36.6 29.2 43.8



#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 :

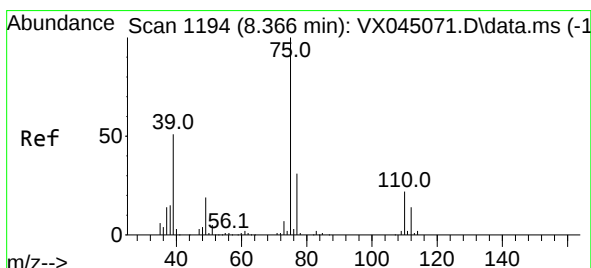
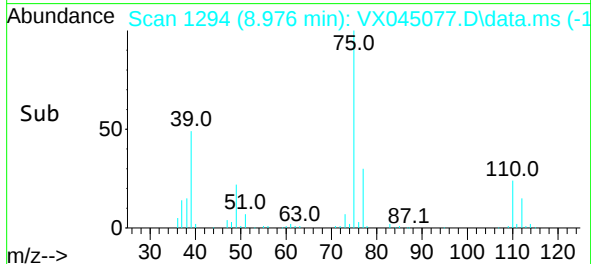
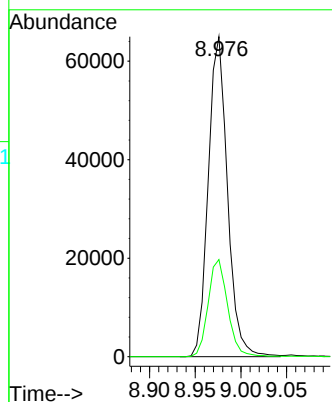
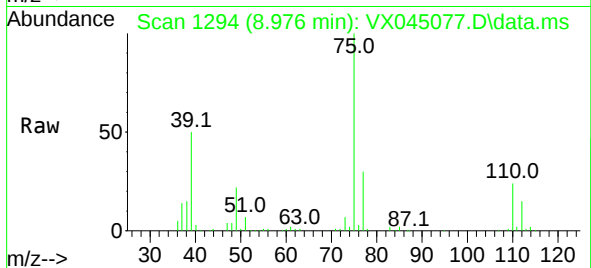
VSTDCCC050

Tgt Ion: 75 Resp: 94873

Ion Ratio Lower Upper

75 100

77 30.4 26.5 39.7



#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

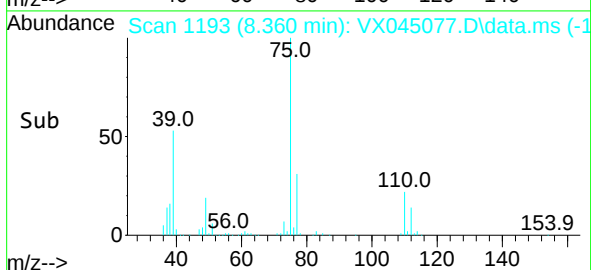
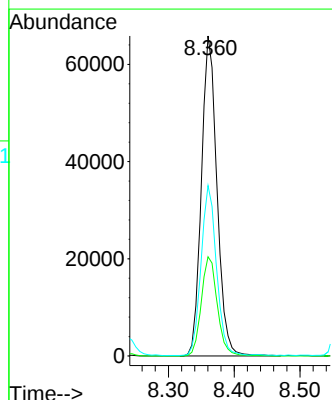
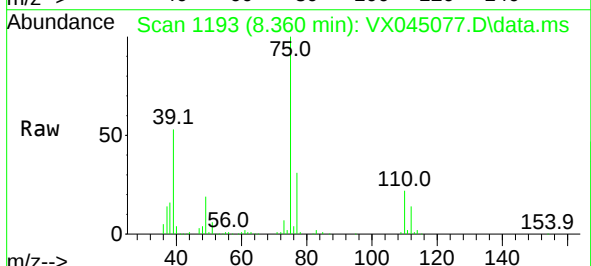
Tgt Ion: 75 Resp: 108220

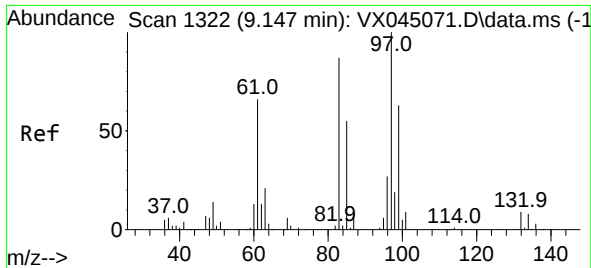
Ion Ratio Lower Upper

75 100

77 31.0 24.7 37.1

39 53.1 40.7 61.1

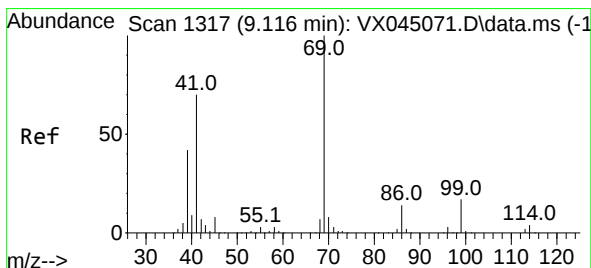
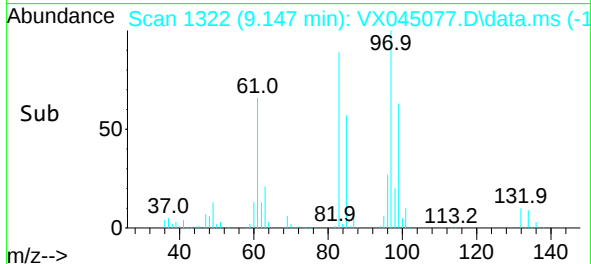
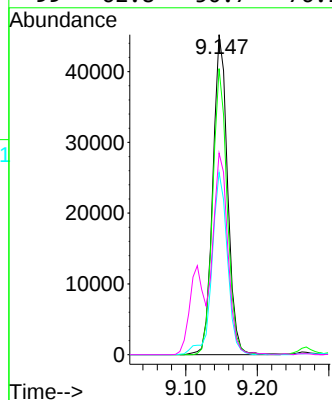
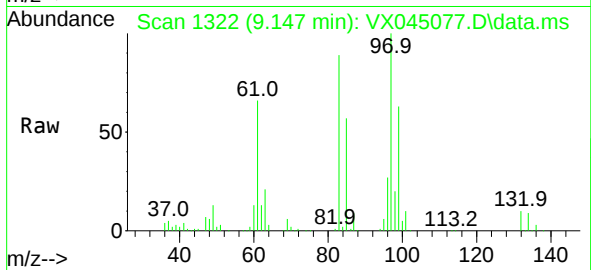




#55
 1,1,2-Trichloroethane
 Concen: 47.245 ug/l
 RT: 9.147 min Scan# 1322
 Delta R.T. -0.000 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32

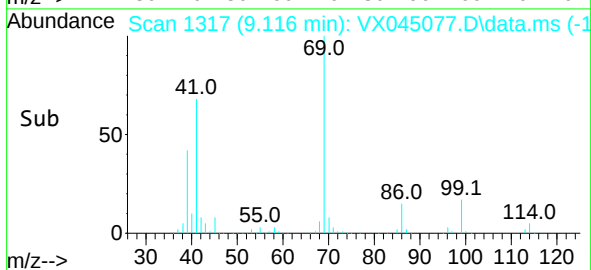
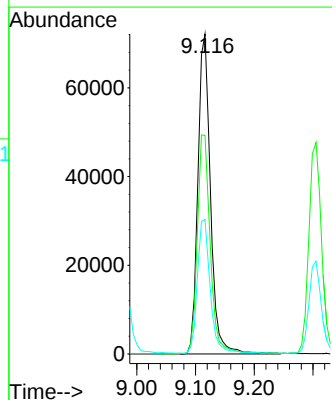
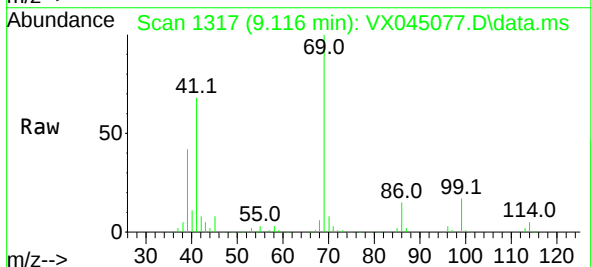
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

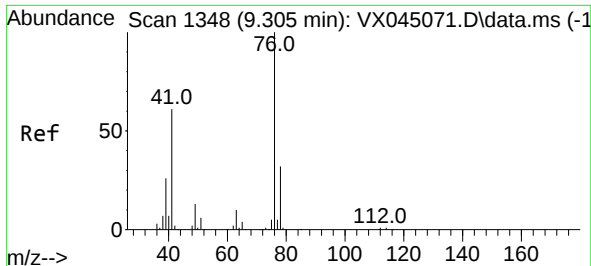
Tgt Ion:	97	Resp:	64904
Ion	Ratio	Lower	Upper
97	100		
83	89.4	69.4	104.2
85	57.0	44.1	66.1
99	62.8	50.7	76.1



#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# 115487

Delta R.T. -0.000 min

Lab File: VX045077.D

Acq: 28 Feb 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

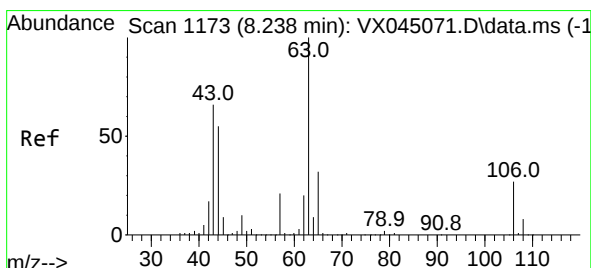
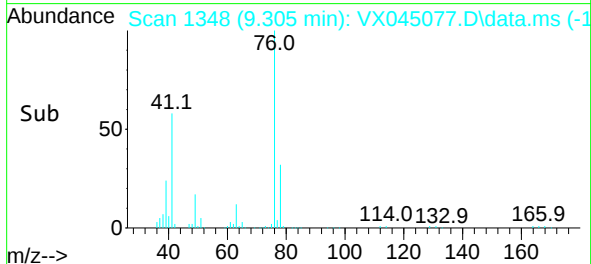
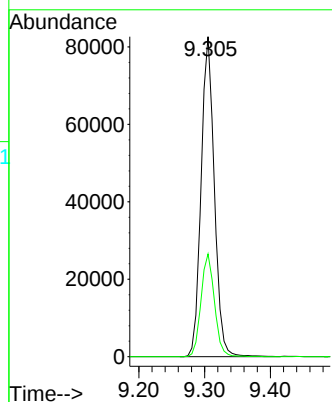
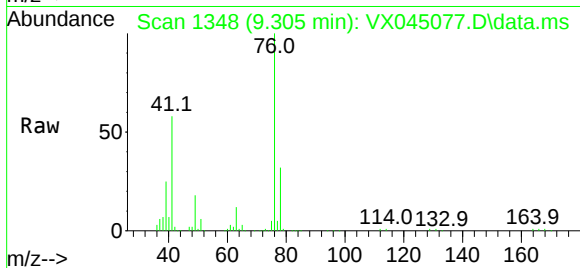
VSTDCCC050

Tgt Ion: 76 Resp: 115487

Ion Ratio Lower Upper

76 100

78 32.7 25.5 38.3



#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

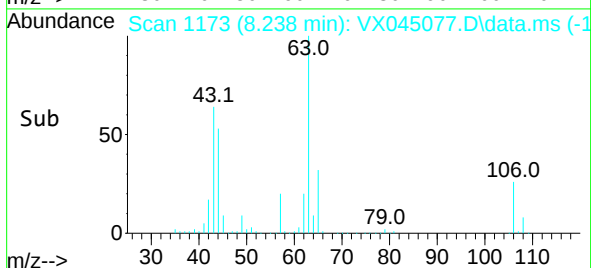
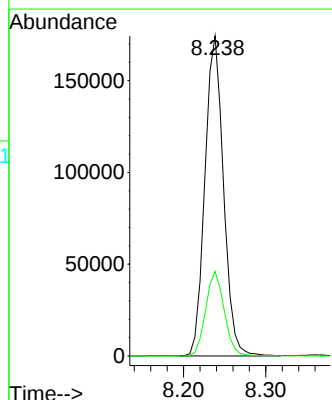
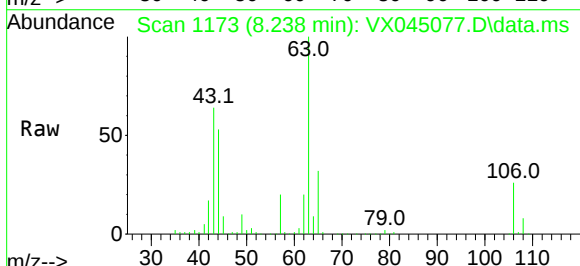
Acq: 28 Feb 2025 10:32

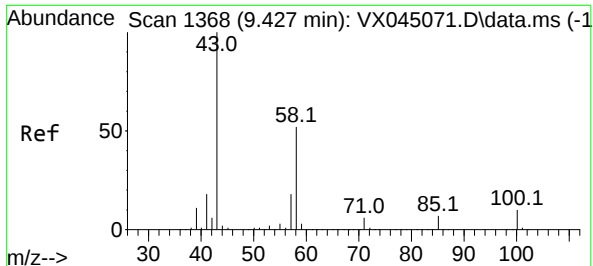
Tgt Ion: 63 Resp: 273540

Ion Ratio Lower Upper

63 100

106 26.3 21.5 32.3

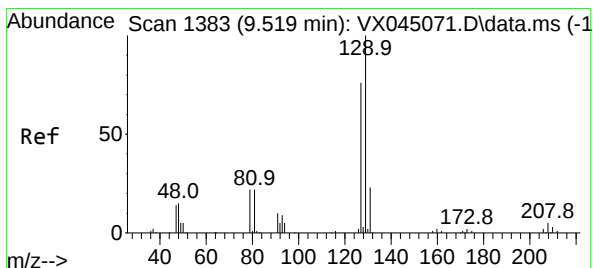
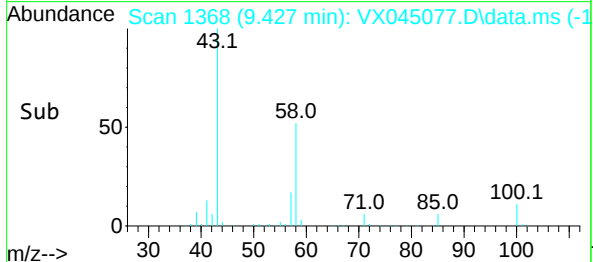
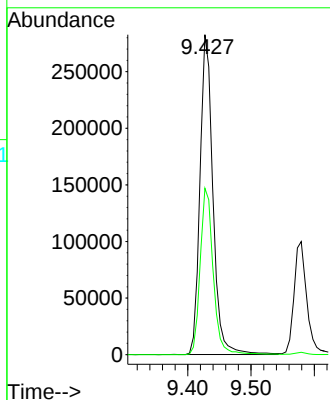
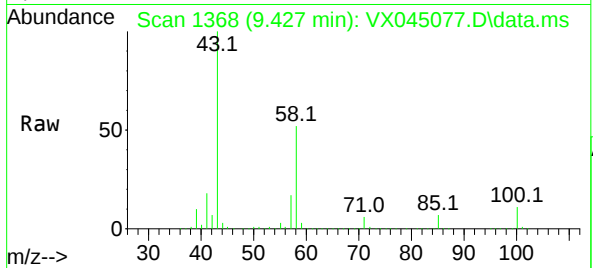




#59
2-Hexanone
Concen: 241.811 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

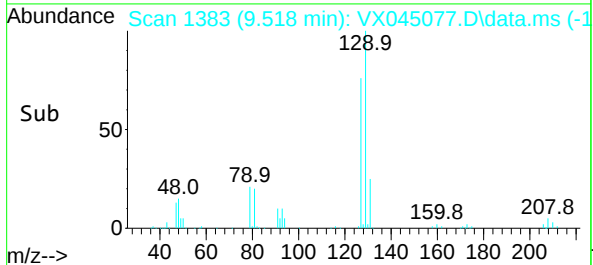
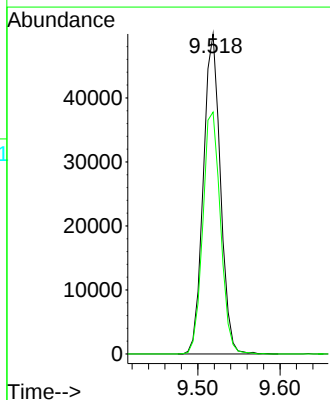
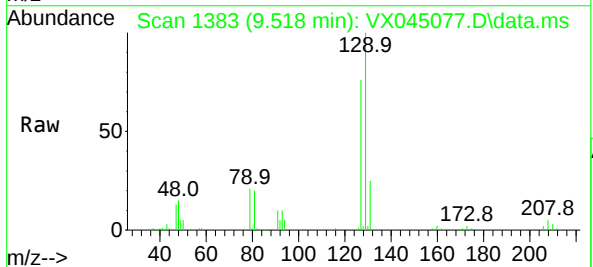
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

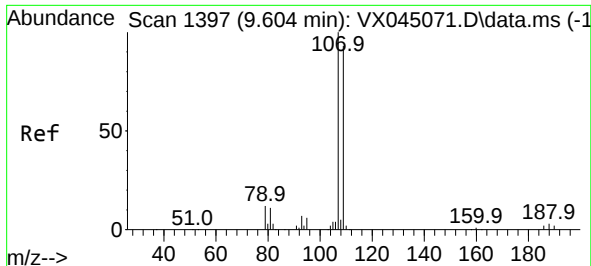
Tgt Ion: 43 Resp: 403729
Ion Ratio Lower Upper
43 100
58 52.4 25.9 77.6



#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

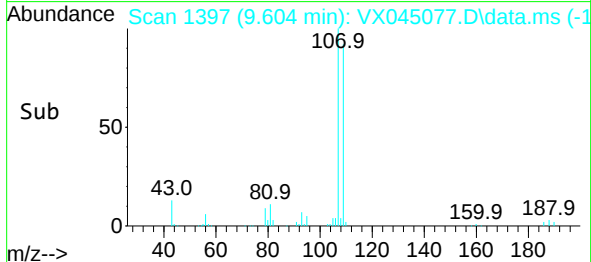
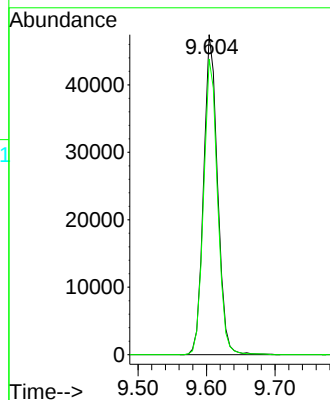
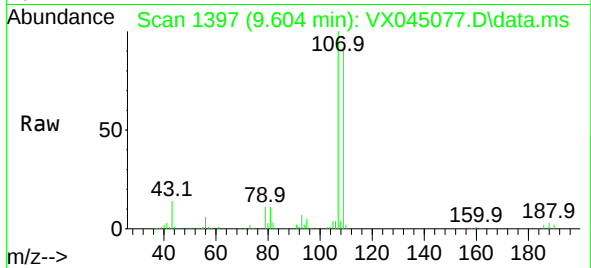




#61
1,2-Dibromoethane
Concen: 48.992 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

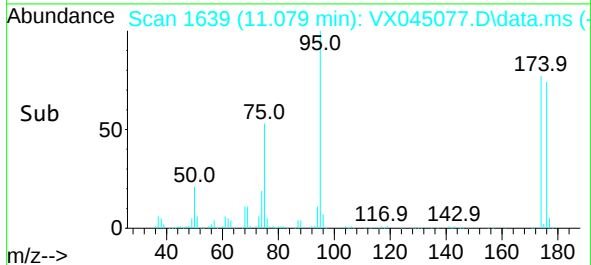
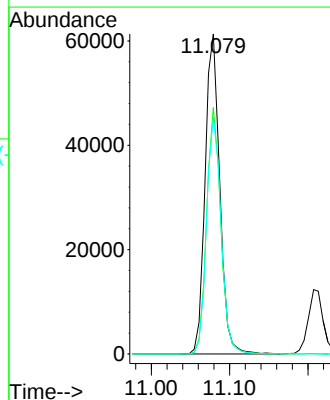
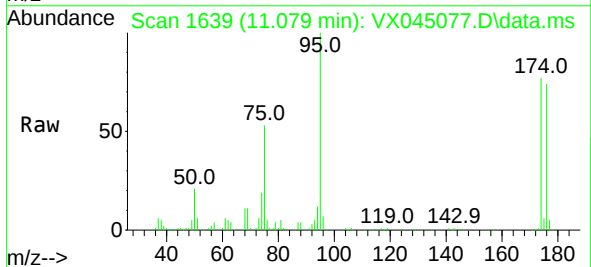
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

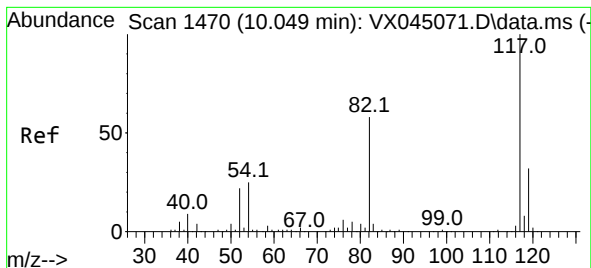
Tgt Ion:107 Resp: 67190
Ion Ratio Lower Upper
107 100
109 92.7 76.1 114.1



#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

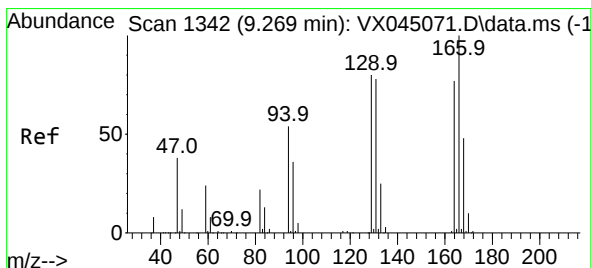
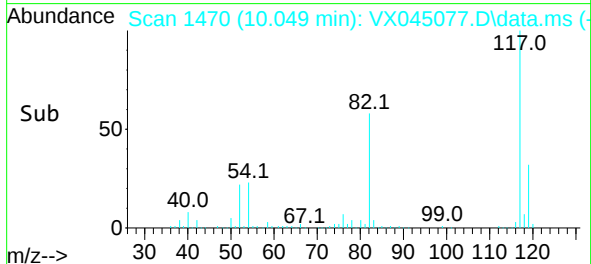
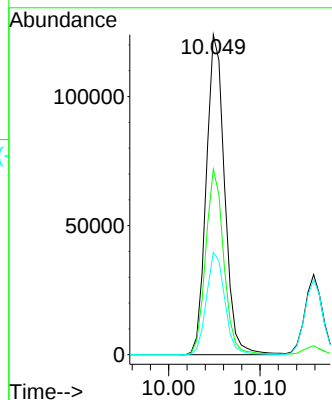
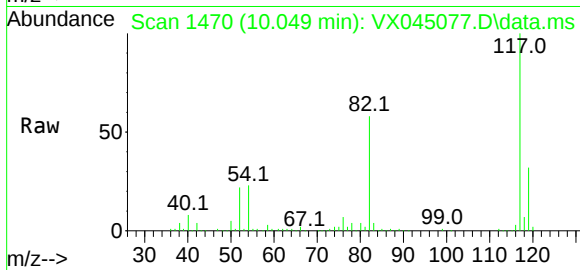




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

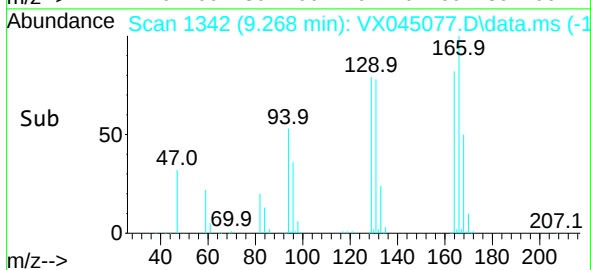
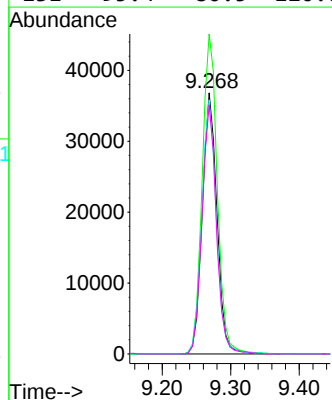
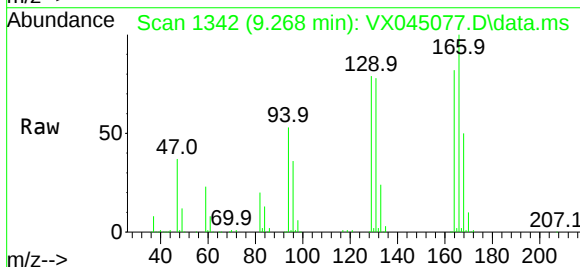
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

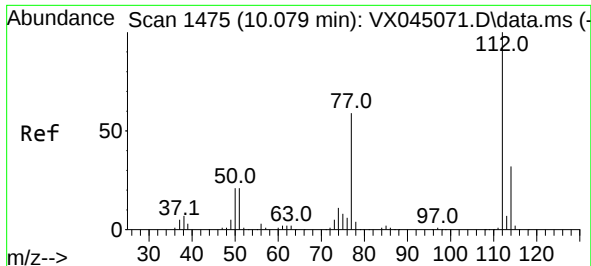
Tgt Ion:117 Resp: 172369
Ion Ratio Lower Upper
117 100
82 58.0 46.3 69.5
119 32.0 25.7 38.5



#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

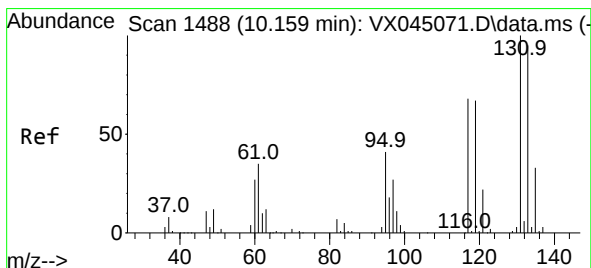
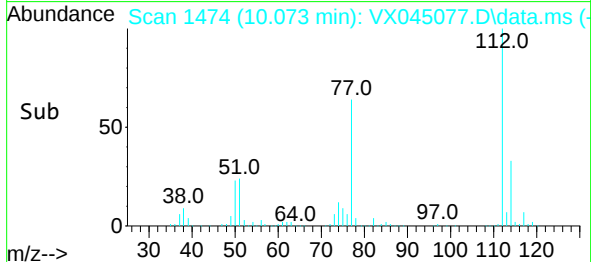
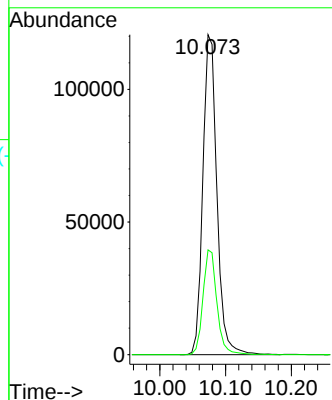
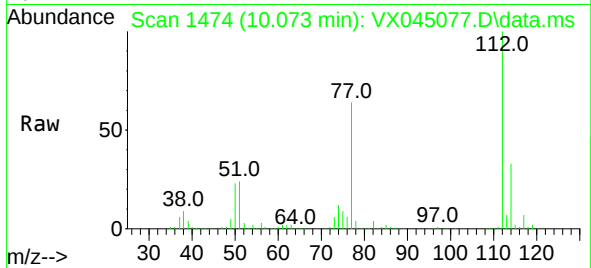




#65
Chlorobenzene
Concen: 49.093 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

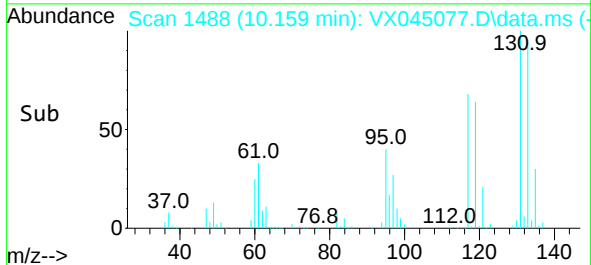
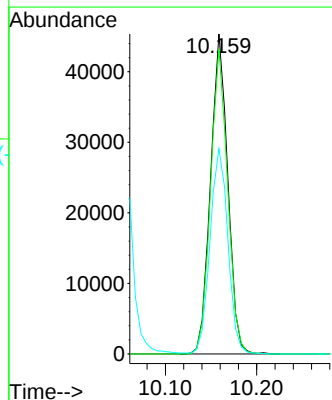
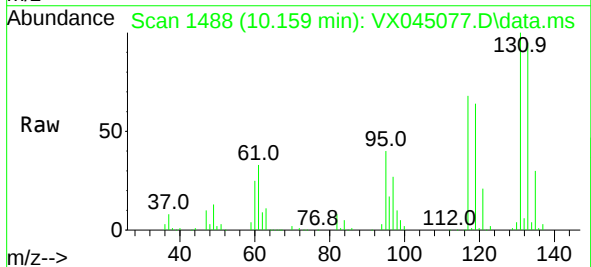
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

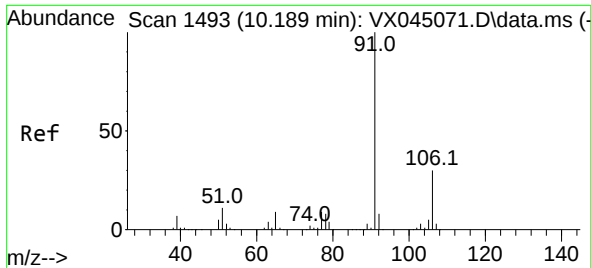
Tgt Ion:112 Resp: 179056
Ion Ratio Lower Upper
112 100
114 32.8 26.0 39.0



#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

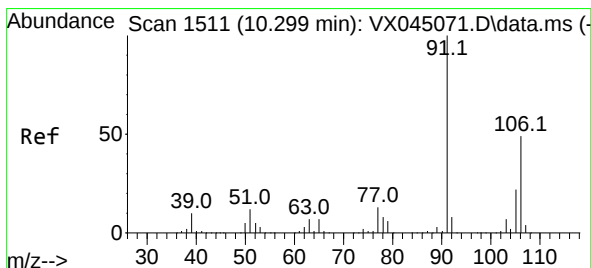
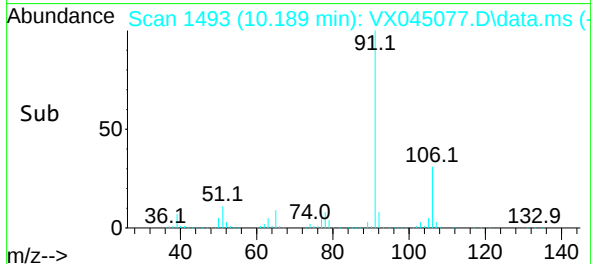
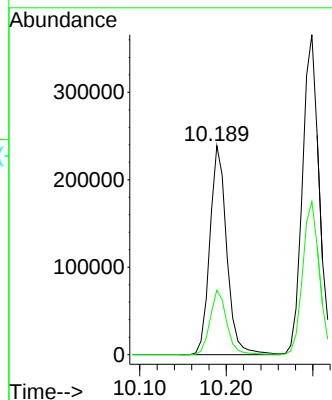
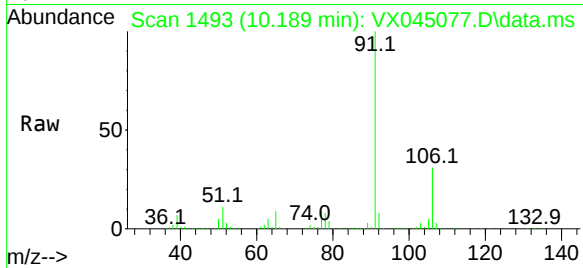




#67
Ethyl Benzene
Concen: 50.959 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

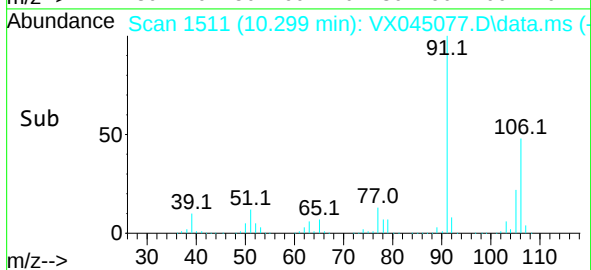
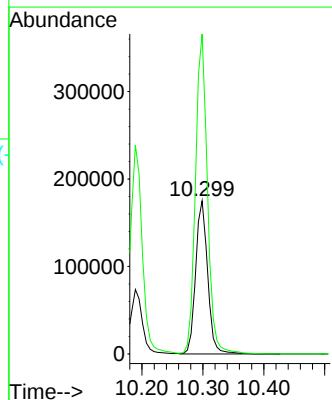
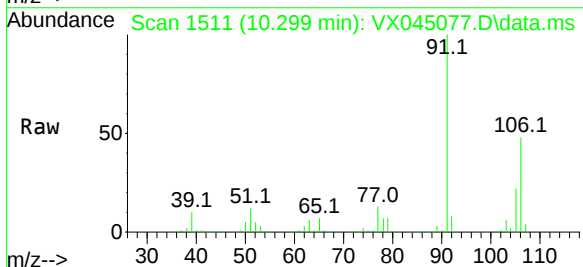
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

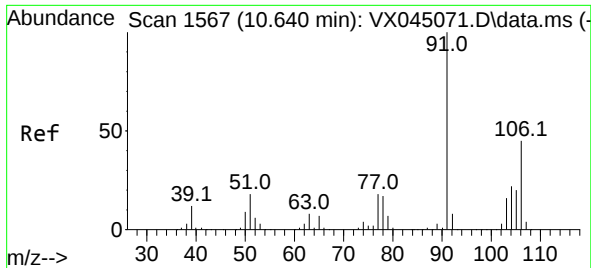
Tgt Ion: 91 Resp: 323851
Ion Ratio Lower Upper
91 100
106 30.8 23.9 35.9



#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

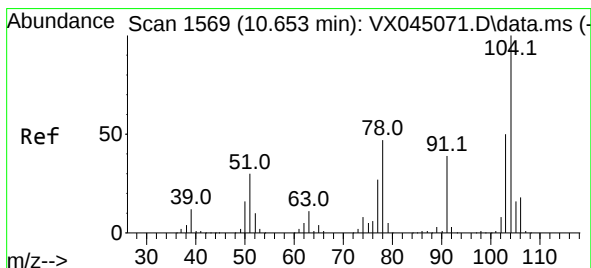
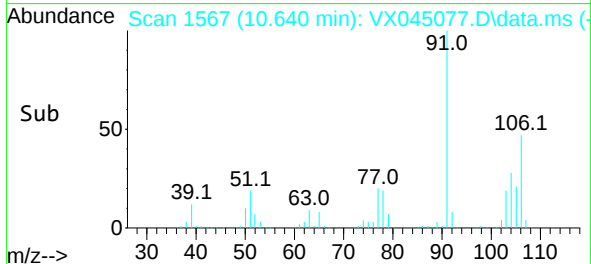
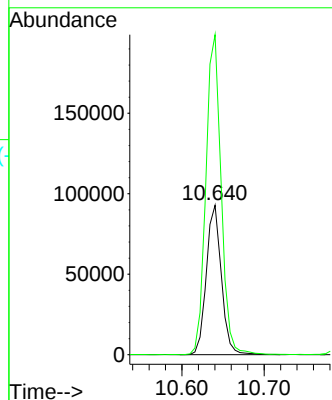
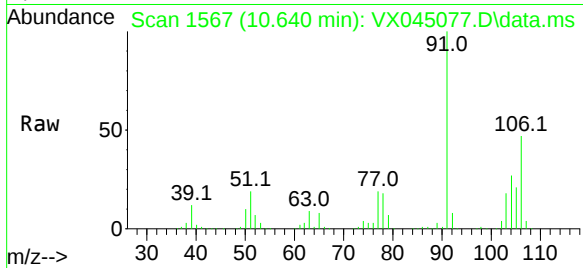




#69
o-Xylene
Concen: 50.318 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

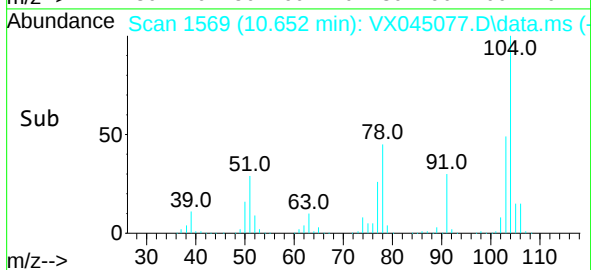
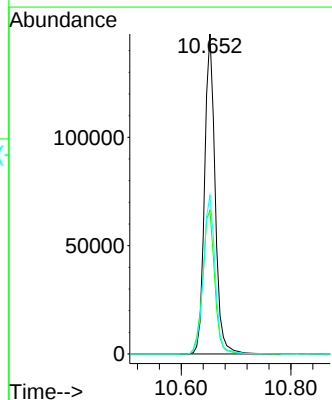
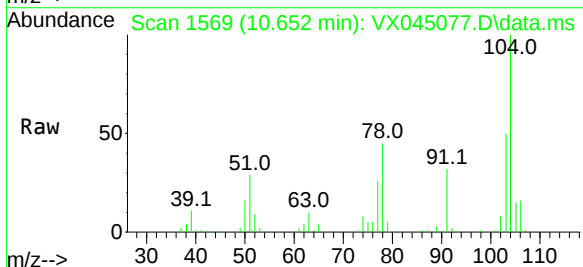
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 118067
Ion Ratio Lower Upper
106 100
91 217.0 109.9 329.6



#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# 11

Delta R.T. -0.000 min

Lab File: VX045077.D

Acq: 28 Feb 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

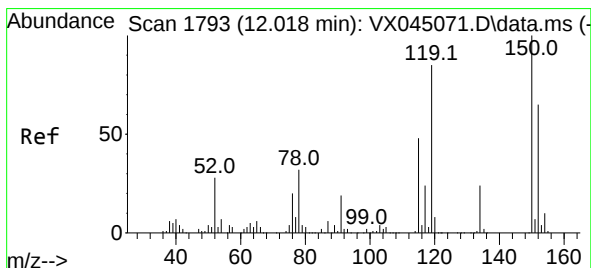
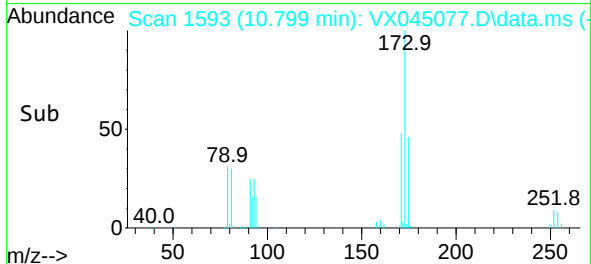
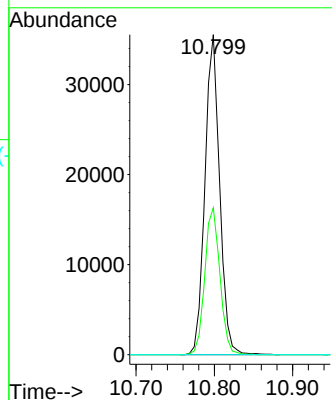
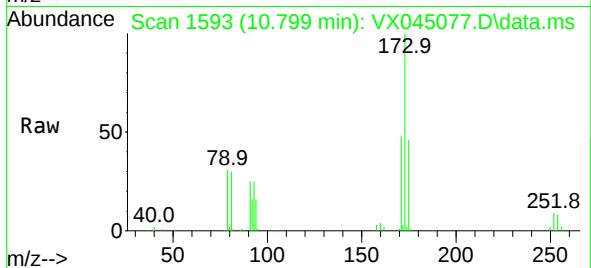
Tgt Ion:173 Resp: 46267

Ion Ratio Lower Upper

173 100

175 47.2 24.6 73.6

254 0.0 0.0 0.0



#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

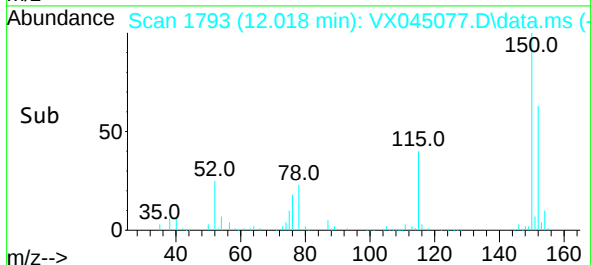
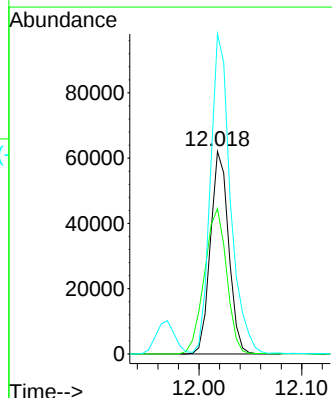
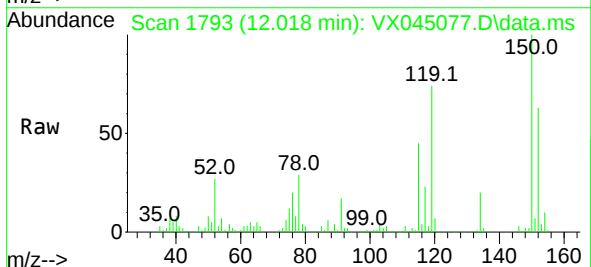
Tgt Ion:152 Resp: 76314

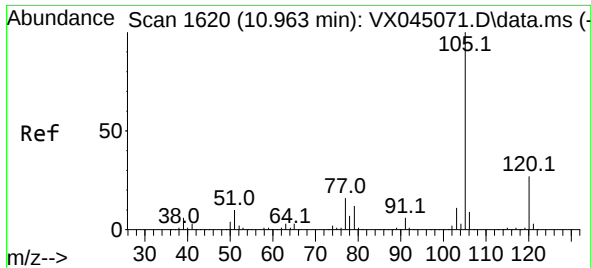
Ion Ratio Lower Upper

152 100

115 87.8 44.2 132.6

150 174.2 0.0 349.0

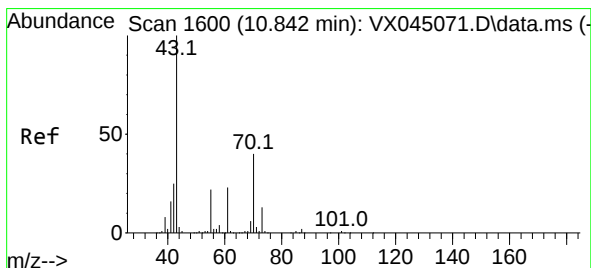
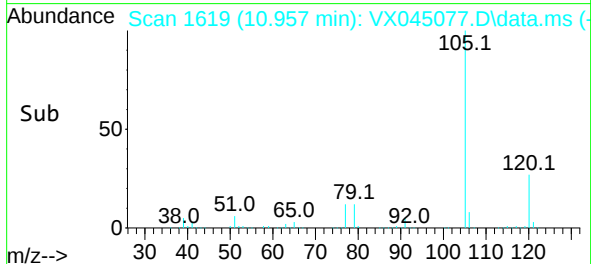
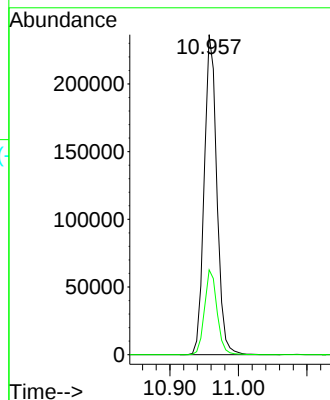
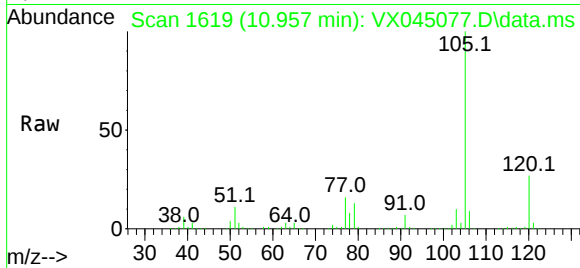




#73
Isopropylbenzene
Concen: 50.901 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

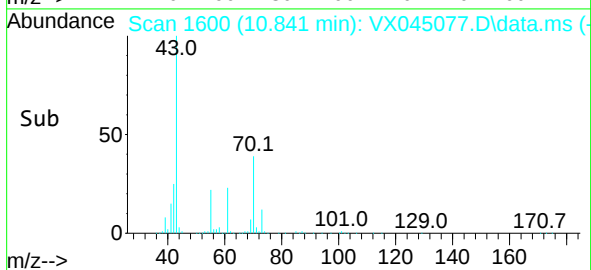
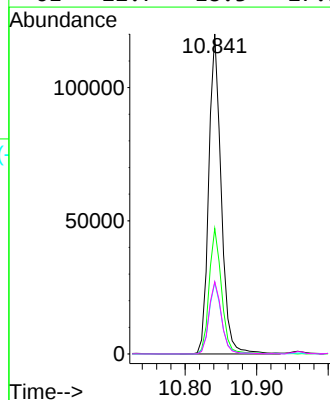
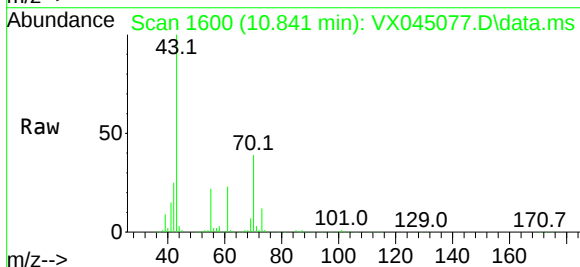
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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



#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# 1

Delta R.T. -0.006 min

Lab File: VX045077.D

Acq: 28 Feb 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

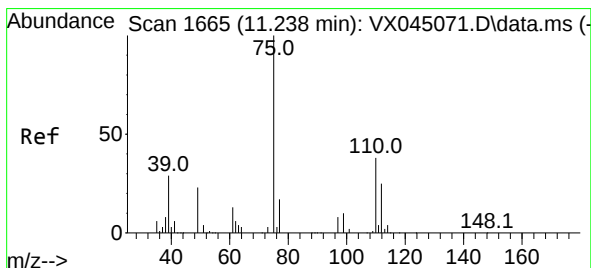
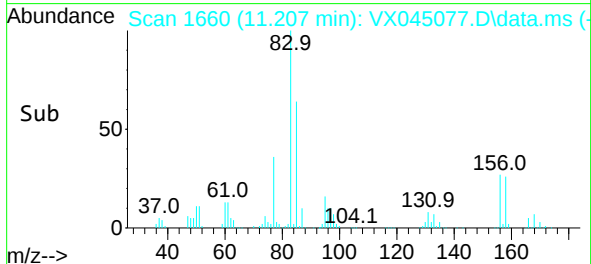
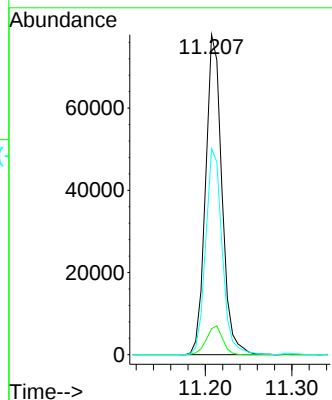
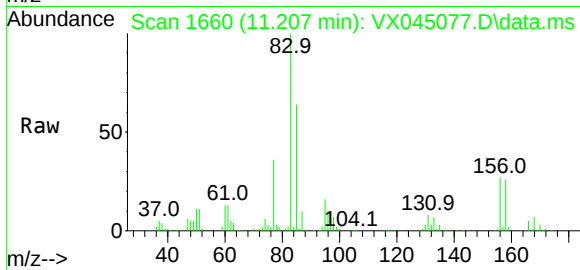
Tgt Ion: 83 Resp: 101813

Ion Ratio Lower Upper

83 100

131 9.0 4.5 13.4

85 64.9 31.7 95.1



#76

1,2,3-Trichloropropane

Concen: 60.151 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX045077.D

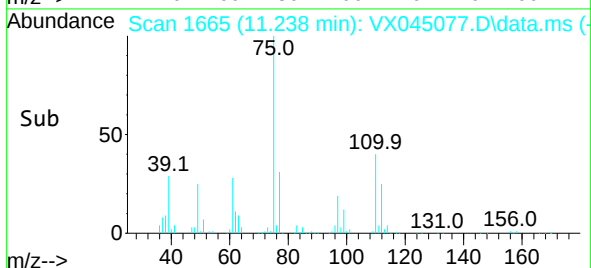
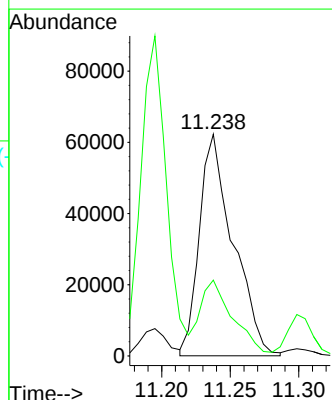
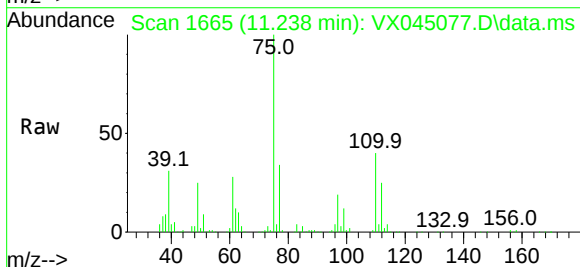
Acq: 28 Feb 2025 10:32

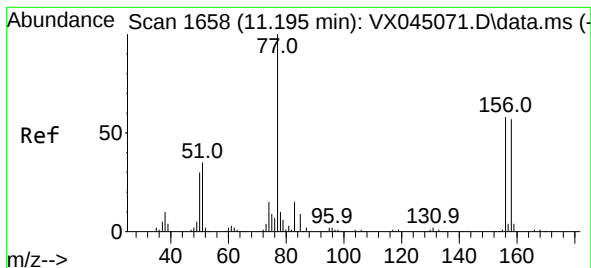
Tgt Ion: 75 Resp: 106841

Ion Ratio Lower Upper

75 100

77 33.5 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

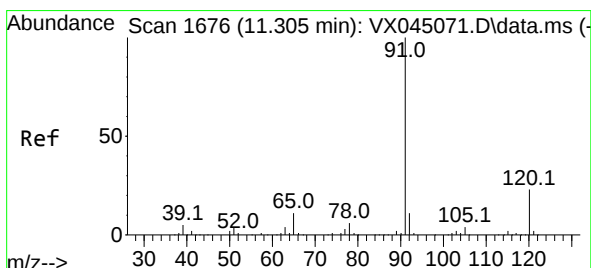
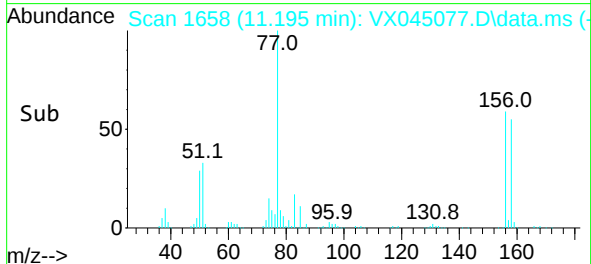
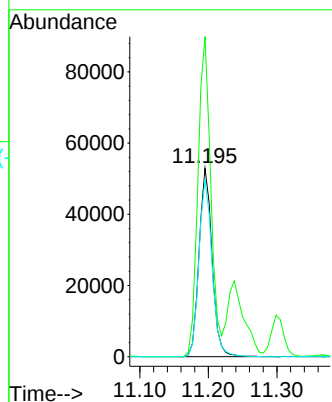
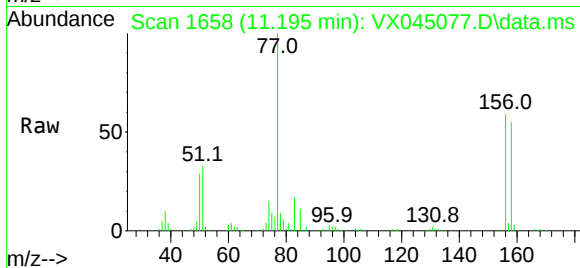
Tgt Ion:156 Resp: 69846

Ion Ratio Lower Upper

156 100

77 168.4 85.8 257.4

158 95.6 48.4 145.2



#78

n-propylbenzene

Concen: 52.644 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.006 min

Lab File: VX045077.D

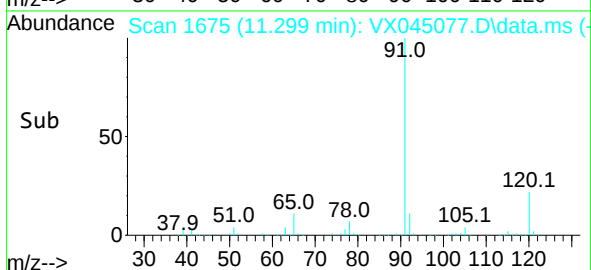
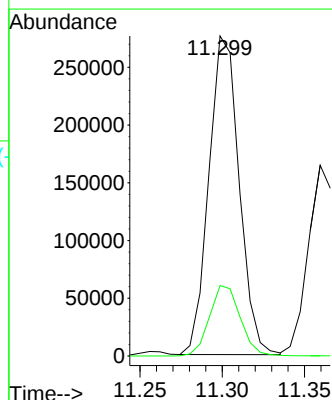
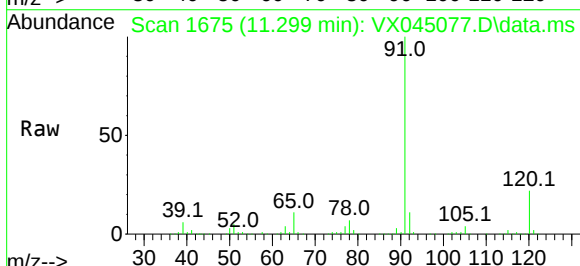
Acq: 28 Feb 2025 10:32

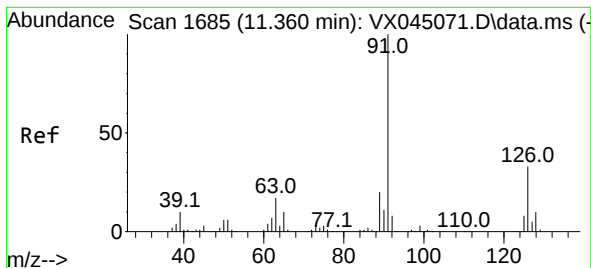
Tgt Ion: 91 Resp: 354229

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# 1

Delta R.T. -0.000 min

Lab File: VX045077.D

Acq: 28 Feb 2025 10:32

Instrument :

MSVOA_X

ClientSampleId :

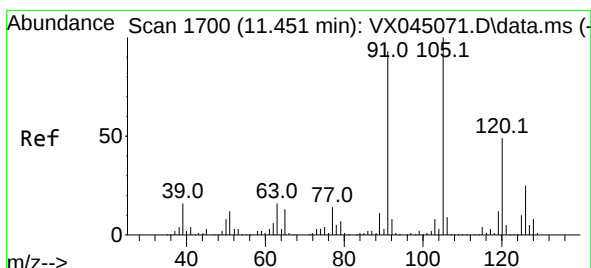
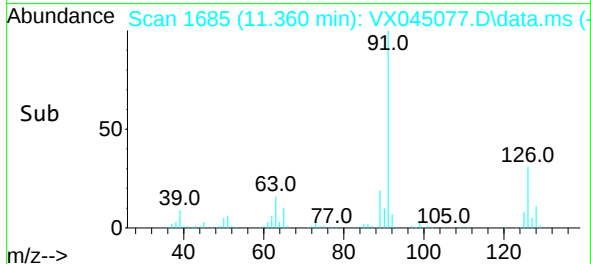
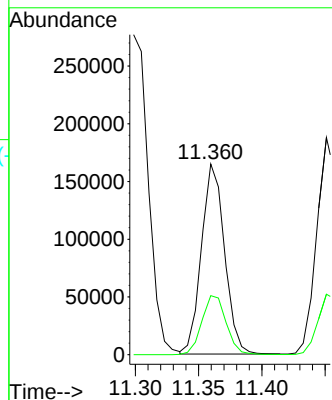
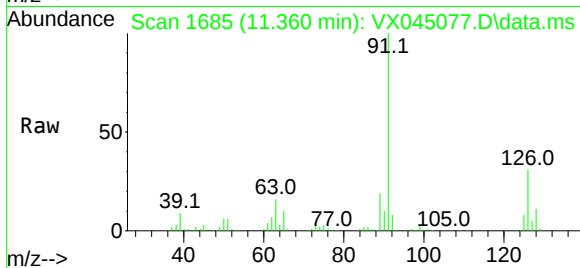
VSTDCCC050

Tgt Ion: 91 Resp: 209700

Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.4



#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

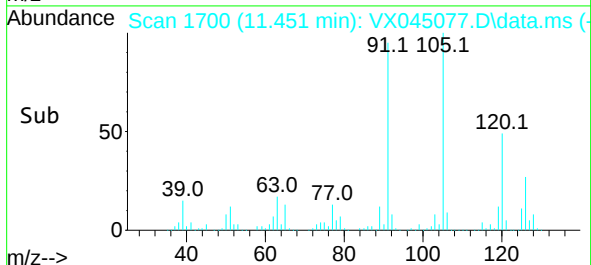
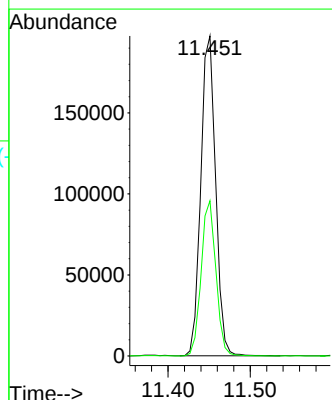
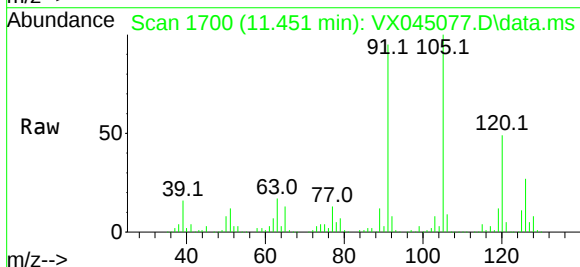
Acq: 28 Feb 2025 10:32

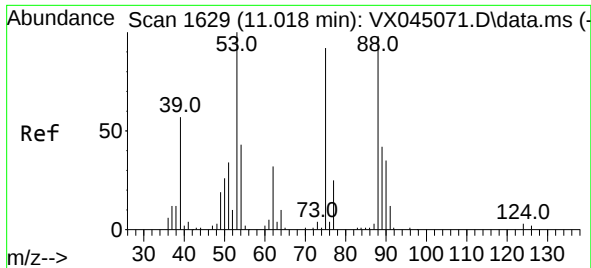
Tgt Ion: 105 Resp: 247465

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2

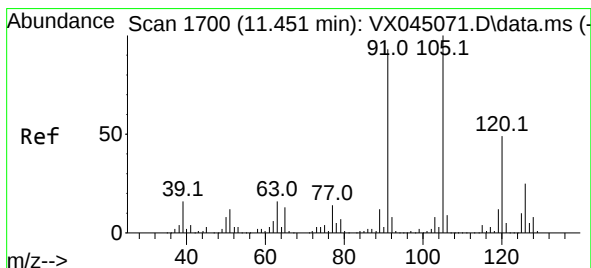
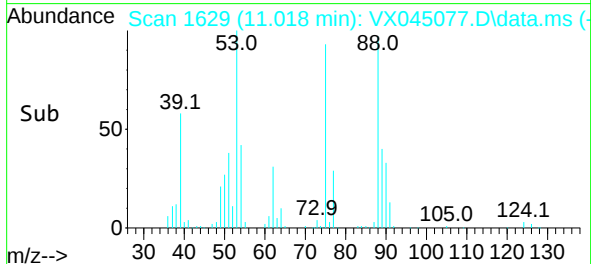
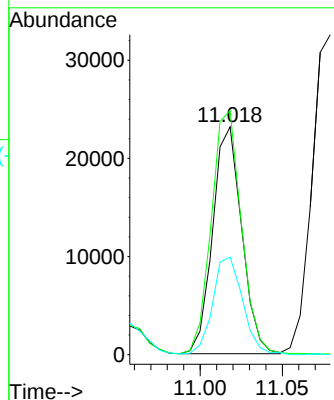
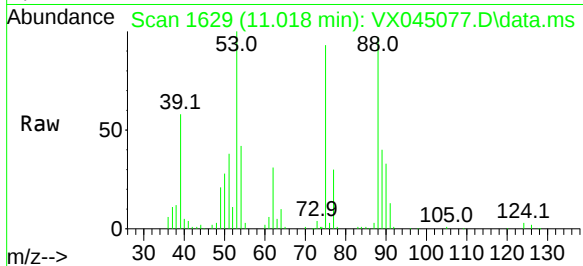




#81
trans-1,4-Dichloro-2-butene
Concen: 54.791 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

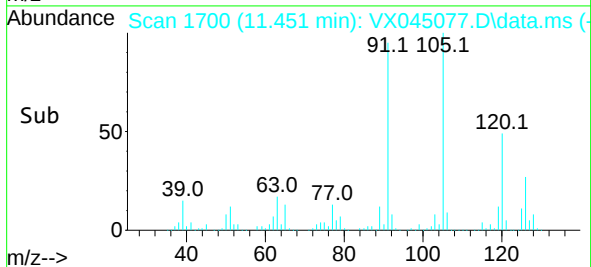
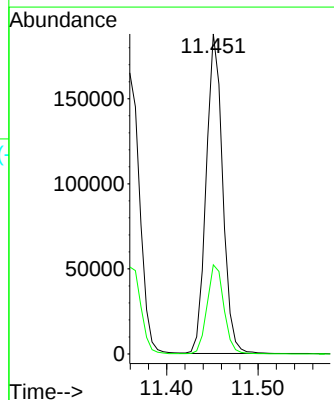
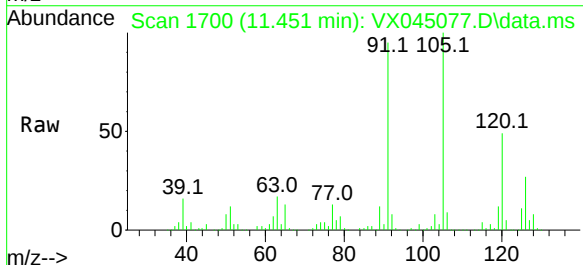
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

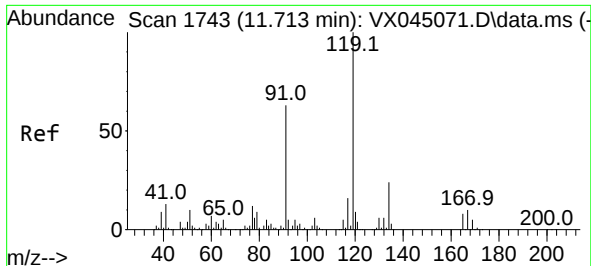
Tgt Ion: 75 Resp: 28438
Ion Ratio Lower Upper
75 100
53 112.4 88.5 132.7
89 44.4 36.2 54.4



#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

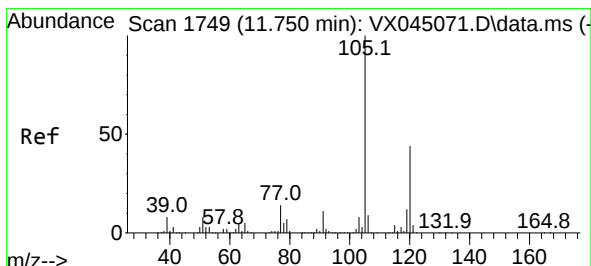
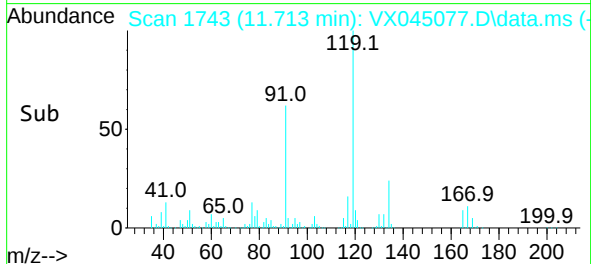
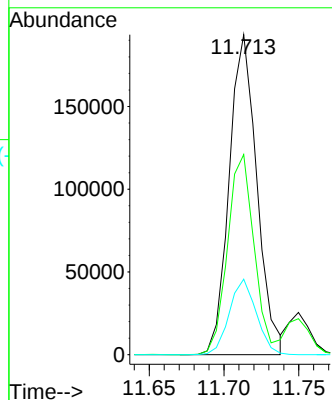
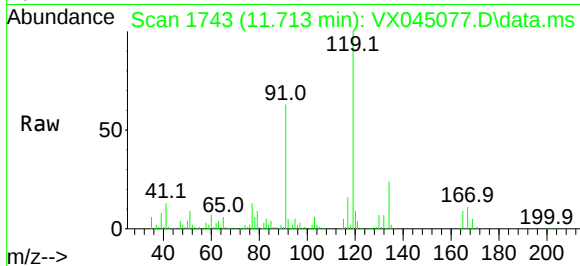




#83
 tert-Butylbenzene
 Concen: 50.405 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. -0.000 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32

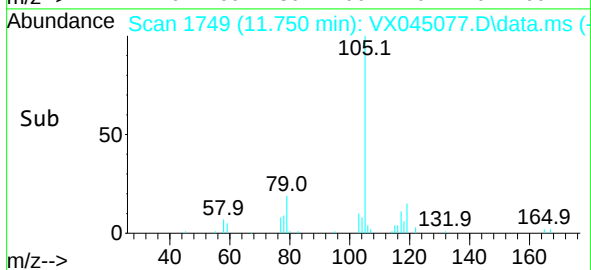
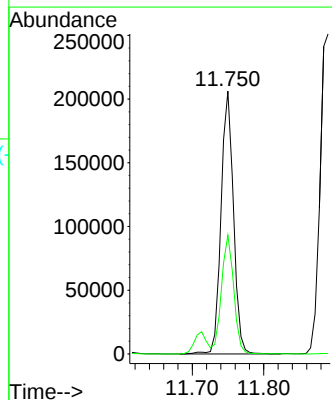
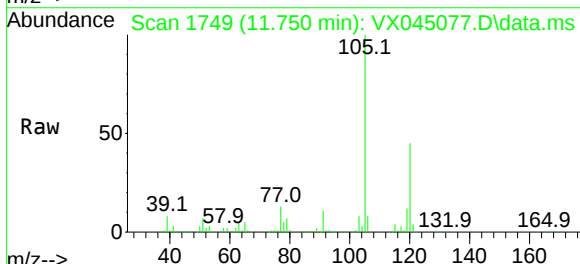
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

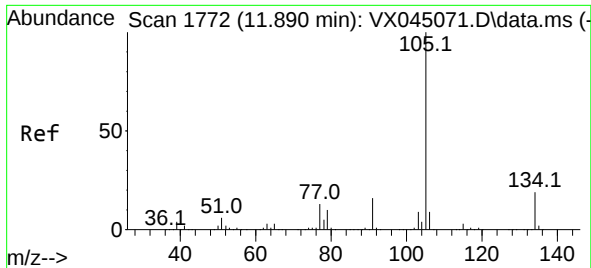
Tgt Ion:119 Resp: 249434
 Ion Ratio Lower Upper
 119 100
 91 59.6 30.7 92.1
 134 23.0 11.7 35.0



#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

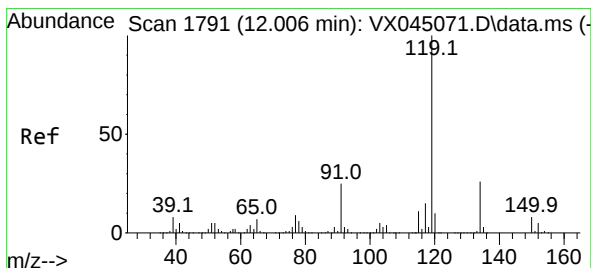
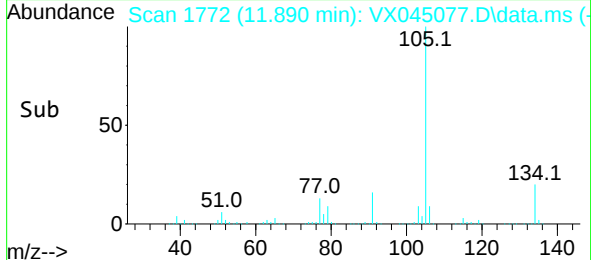
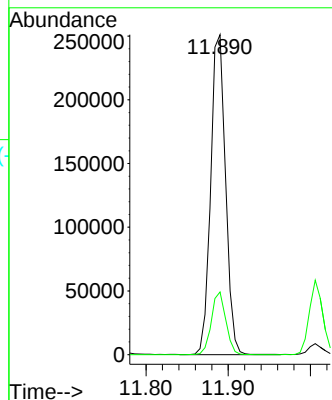
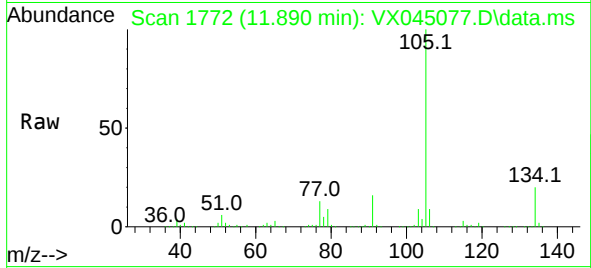




#85
 sec-Butylbenzene
 Concen: 53.135 ug/l
 RT: 11.890 min Scan# 1172
 Delta R.T. -0.000 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32

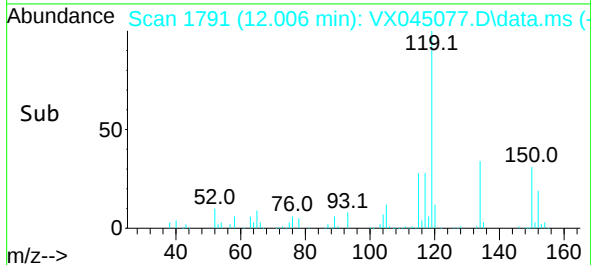
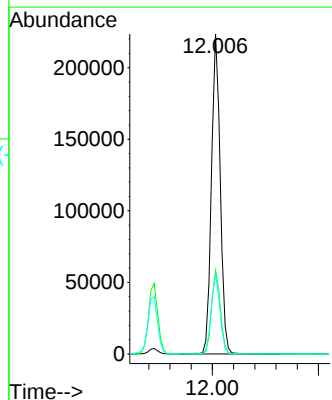
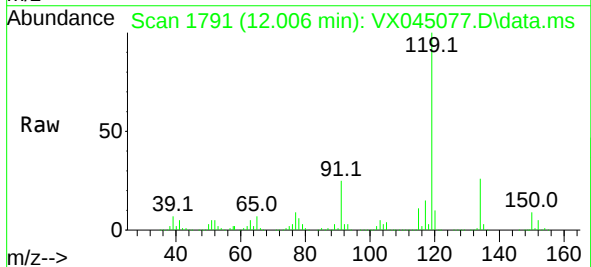
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

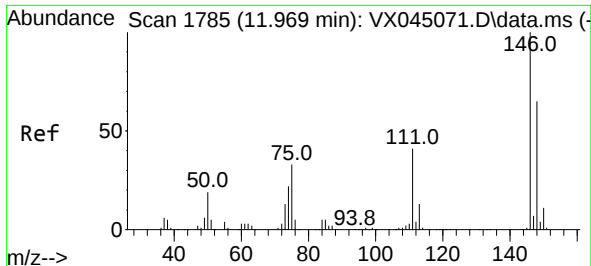
Tgt Ion:105 Resp: 314975
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4



#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

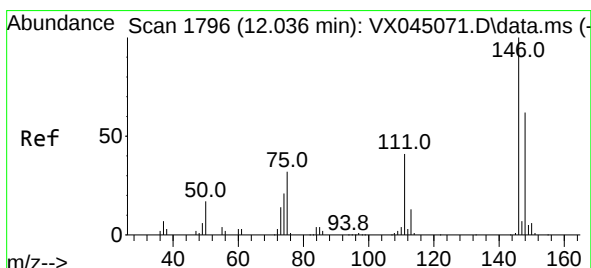
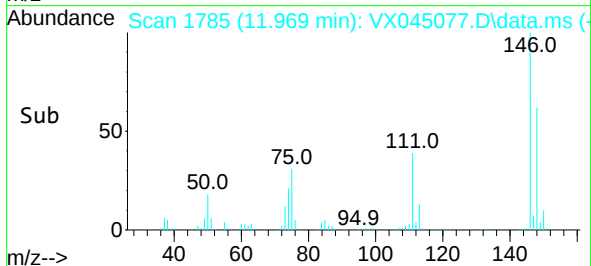
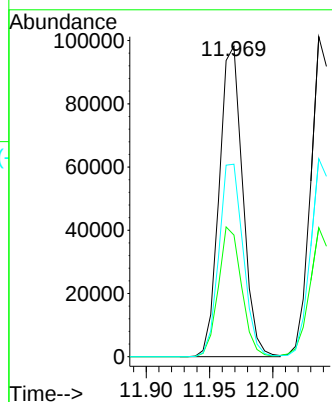
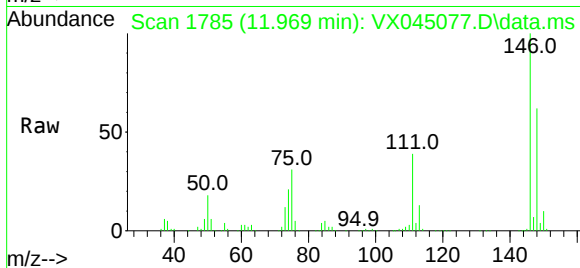
Tgt Ion:146 Resp: 126673

Ion Ratio Lower Upper

146 100

111 41.2 21.1 63.4

148 64.0 31.9 95.7



#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

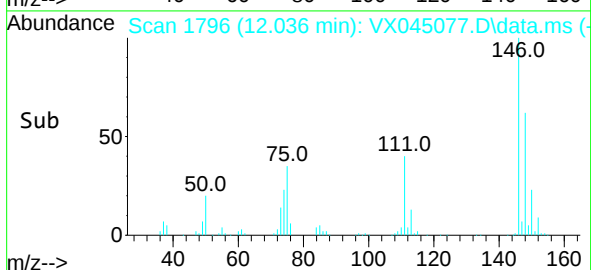
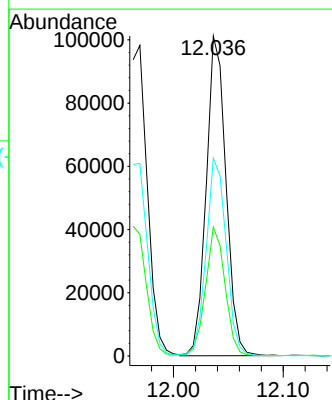
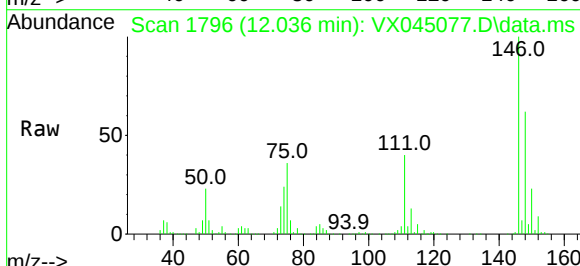
Tgt Ion:146 Resp: 126155

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

148 62.9 31.9 95.9

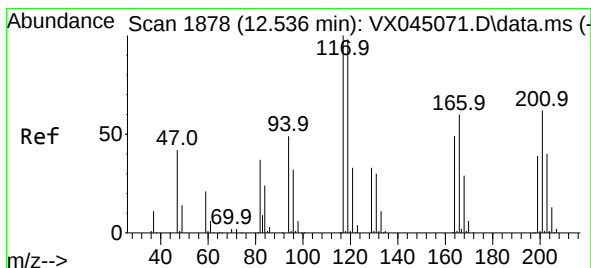
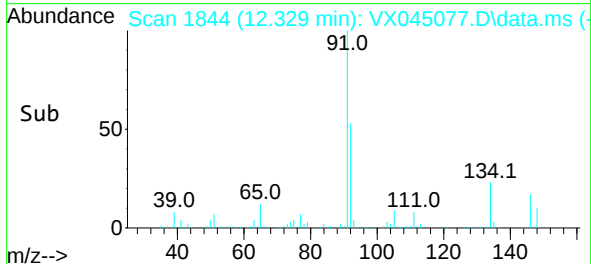
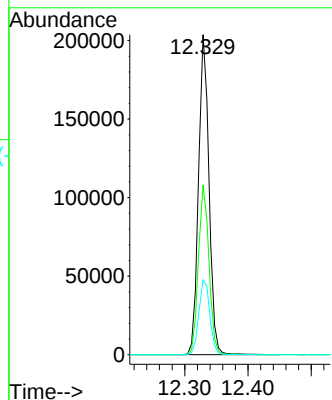
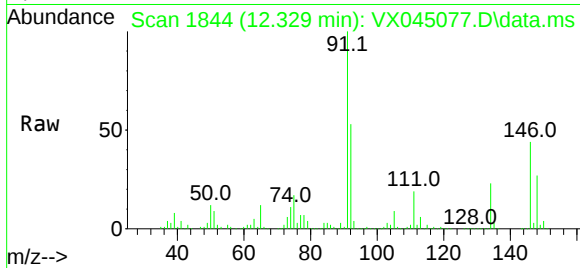




#89
n-Butylbenzene
Concen: 56.931 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045077.D
Acq: 28 Feb 2025 10:32

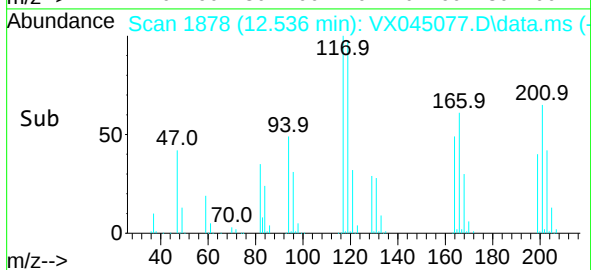
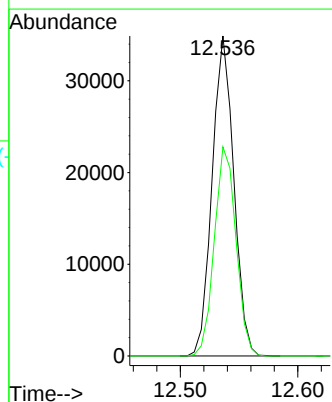
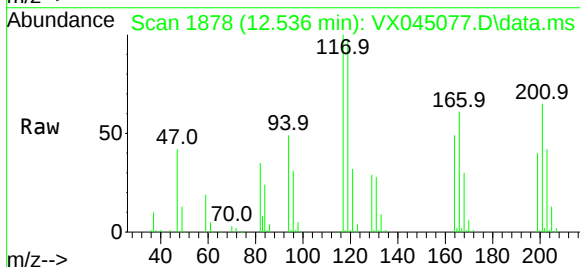
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 234896
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.0
134 24.5 12.2 36.6



#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

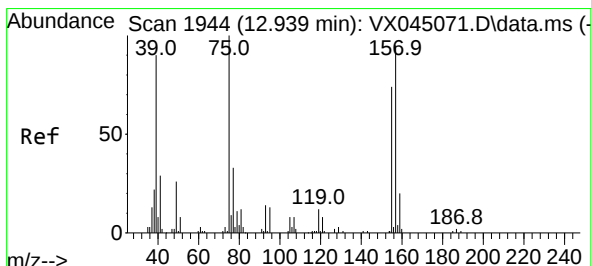
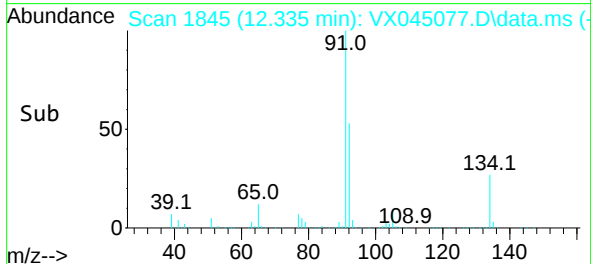
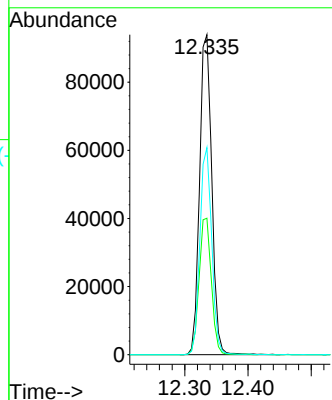
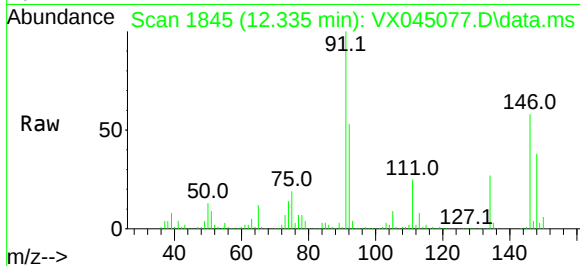




#91
 1,2-Dichlorobenzene
 Concen: 50.134 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VX045077.D
 Acq: 28 Feb 2025 10:32

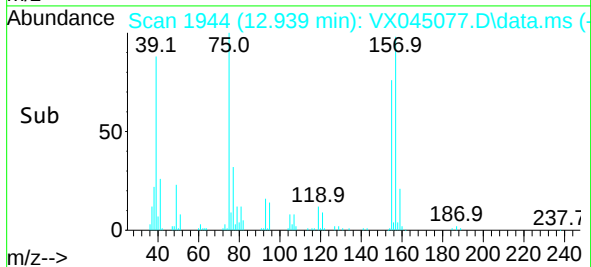
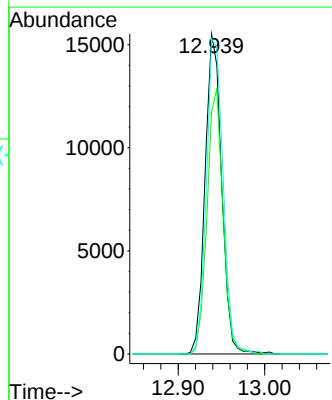
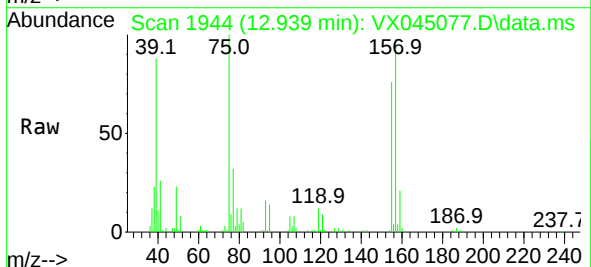
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

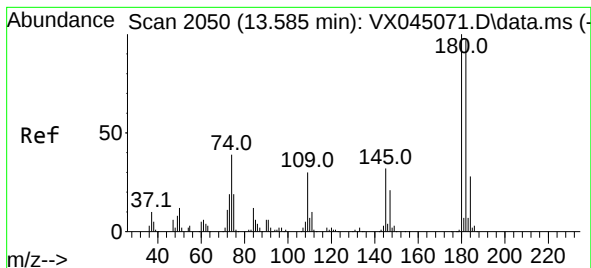
Tgt Ion:146 Resp: 126089
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.6 65.0
 148 62.8 31.9 95.9



#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

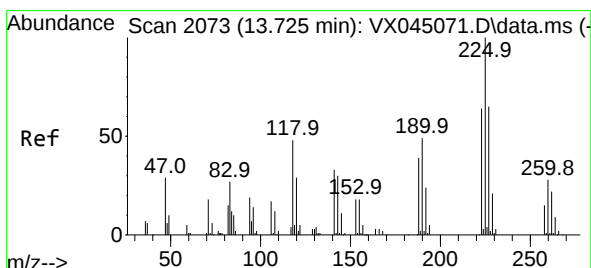
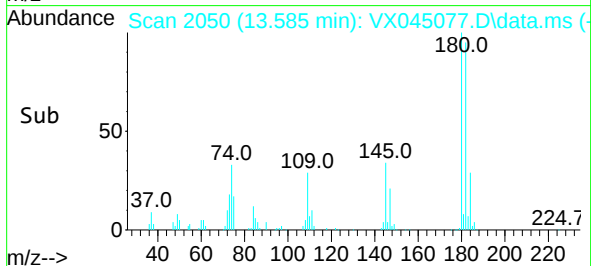
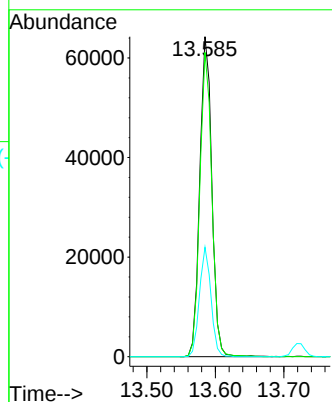
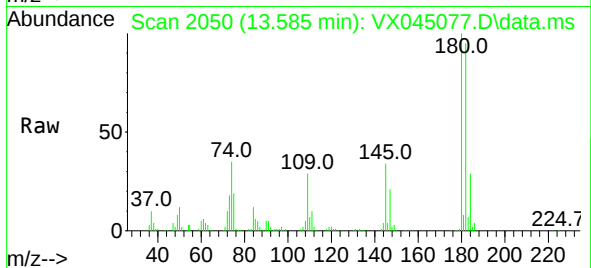
Tgt Ion:180 Resp: 78708

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.9

145 32.7 16.3 48.9



#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

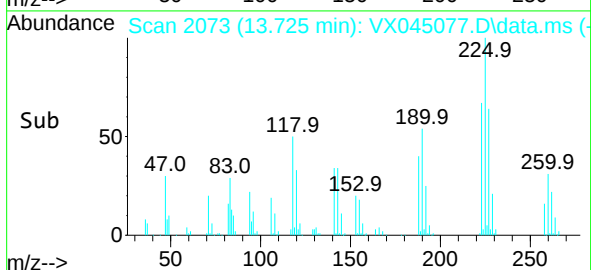
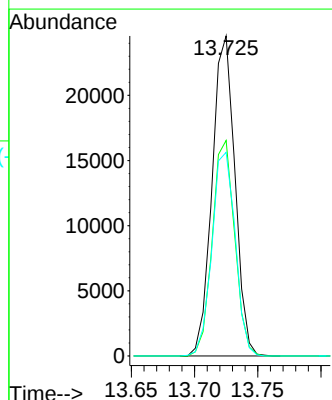
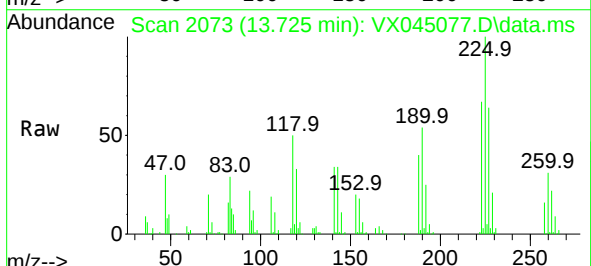
Tgt Ion:225 Resp: 30769

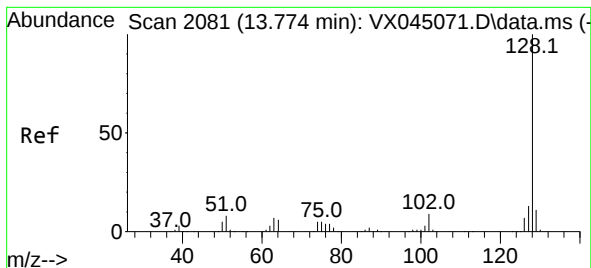
Ion Ratio Lower Upper

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

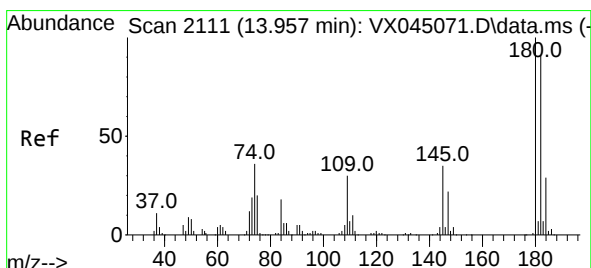
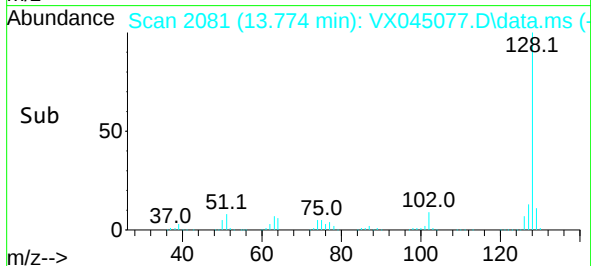
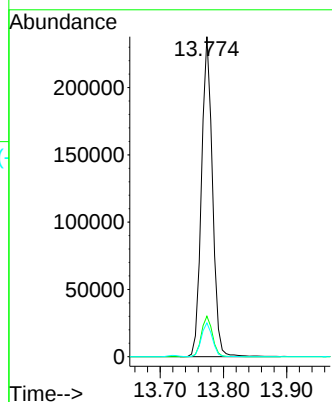
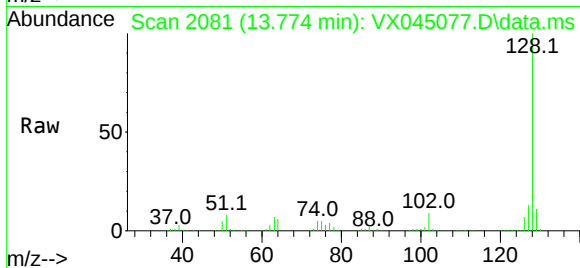
Tgt Ion:128 Resp: 288129

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.6 8.7 13.1



#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

