

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
 Data File : VX045238.D
 Acq On : 12 Mar 2025 10:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 13 01:36:12 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	5.543	168	103487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	178691	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	77670	47.184	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.360%
35) Dibromofluoromethane	5.379	113	60262	50.434	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.860%
50) Toluene-d8	8.647	98	210656	48.630	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.260%
62) 4-Bromofluorobenzene	11.079	95	72321	50.383	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64428	49.459	ug/l	97
3) Chloromethane	1.306	50	70980	44.525	ug/l	100
4) Vinyl Chloride	1.373	62	71024	44.911	ug/l	98
5) Bromomethane	1.593	94	28738	46.226	ug/l	100
6) Chloroethane	1.660	64	34403	47.163	ug/l	99
7) Trichlorofluoromethane	1.867	101	101402	48.436	ug/l	100
8) Diethyl Ether	2.129	74	35526	43.384	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.312	101	65247	54.247	ug/l	100
10) Methyl Iodide	2.440	142	77742	51.721	ug/l	98
11) Tert butyl alcohol	2.983	59	57025	182.890	ug/l	98
12) 1,1-Dichloroethene	2.306	96	61960	48.725	ug/l	95
13) Acrolein	2.233	56	72068	199.949	ug/l	100
14) Allyl chloride	2.654	41	115209	50.897	ug/l	98
15) Acrylonitrile	3.062	53	206979	247.683	ug/l	99
16) Acetone	2.385	43	178769	234.069	ug/l	98
17) Carbon Disulfide	2.501	76	146295	43.194	ug/l	96
18) Methyl Acetate	2.702	43	104831	57.056	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	208220	48.805	ug/l	98
20) Methylene Chloride	2.782	84	71555	47.297	ug/l	98
21) trans-1,2-Dichloroethene	3.080	96	61640	49.065	ug/l	98
22) Diisopropyl ether	3.757	45	230699	50.113	ug/l	91
23) Vinyl Acetate	3.721	43	982839	255.834	ug/l	100
24) 1,1-Dichloroethane	3.605	63	125762	48.745	ug/l	99
25) 2-Butanone	4.556	43	288524	250.972	ug/l	98
26) 2,2-Dichloropropane	4.464	77	84970	70.215	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	76911	49.593	ug/l	96
28) Bromochloromethane	4.891	49	60817	49.455	ug/l	98
29) Tetrahydrofuran	5.007	42	183826	238.107	ug/l	99
30) Chloroform	5.086	83	127343	49.675	ug/l	99
31) Cyclohexane	5.458	56	109954	49.096	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	102657	49.582	ug/l	98
36) 1,1-Dichloropropene	5.684	75	82200	50.164	ug/l	99
37) Ethyl Acetate	4.714	43	106925	50.640	ug/l	99
38) Carbon Tetrachloride	5.665	117	86162	51.792	ug/l	98
39) Methylcyclohexane	7.372	83	108454	55.236	ug/l	96
40) Benzene	6.031	78	263814	50.984	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	62075	54.370	ug/l	99
42) 1,2-Dichloroethane	6.080	62	98340	52.777	ug/l	98
43) Isopropyl Acetate	6.336	43	165899	53.134	ug/l	100
44) Trichloroethene	7.122	130	62545	51.477	ug/l	93
45) 1,2-Dichloropropane	7.427	63	67501	50.738	ug/l	100
46) Dibromomethane	7.574	93	49669	52.820	ug/l	97
47) Bromodichloromethane	7.817	83	98418	53.359	ug/l	97
48) Methyl methacrylate	7.689	41	84926	54.217	ug/l	97
49) 1,4-Dioxane	7.665	88	29129	881.577	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	560361	267.292	ug/l	100
52) Toluene	8.714	92	158015	52.048	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	87297	56.614	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	100008	55.619	ug/l	92
55) 1,1,2-Trichloroethane	9.146	97	64282	51.433	ug/l	99
56) Ethyl methacrylate	9.116	69	103151	54.295	ug/l	98
57) 1,3-Dichloropropane	9.305	76	110498	51.088	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	252540	272.503	ug/l	99
59) 2-Hexanone	9.427	43	402089	264.714	ug/l	99
60) Dibromochloromethane	9.518	129	70119	53.657	ug/l	98
61) 1,2-Dibromoethane	9.610	107	65196	52.253	ug/l	98
64) Tetrachloroethene	9.268	164	51914	52.291	ug/l	93
65) Chlorobenzene	10.079	112	170219	51.896	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	56871	52.065	ug/l	97
67) Ethyl Benzene	10.189	91	305213	53.404	ug/l	98
68) m/p-Xylenes	10.299	106	226136	108.086	ug/l	100
69) o-Xylene	10.640	106	111458	52.821	ug/l	99
70) Styrene	10.652	104	185074	54.206	ug/l	99
71) Bromoform	10.799	173	43586	52.915	ug/l #	99
73) Isopropylbenzene	10.957	105	289454	53.664	ug/l	99
74) N-amyl acetate	10.841	43	135717	53.623	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	98799	49.915	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	102863	63.953	ug/l	86
77) Bromobenzene	11.195	156	63463	49.867	ug/l	96
78) n-propylbenzene	11.305	91	339244	55.677	ug/l	99
79) 2-Chlorotoluene	11.359	91	199628	51.445	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	233921	53.635	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26430	56.234	ug/l	95
82) 4-Chlorotoluene	11.451	91	224700	53.131	ug/l	99
83) tert-Butylbenzene	11.713	119	234893	52.418	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	232840	53.059	ug/l	99
85) sec-Butylbenzene	11.890	105	299296	55.757	ug/l	98
86) p-Isopropyltoluene	12.006	119	242520	55.906	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	118773	52.316	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	115129	50.124	ug/l	98
89) n-Butylbenzene	12.329	91	222544	59.564	ug/l	99
90) Hexachloroethane	12.536	117	41457	52.836	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	116879	51.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	20186	52.348	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	71214	54.915	ug/l	100
94) Hexachlorobutadiene	13.725	225	29653	55.774	ug/l	99
95) Naphthalene	13.774	128	264311	53.049	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	73996	54.089	ug/l	98

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

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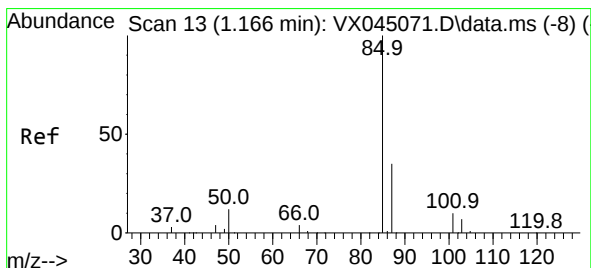
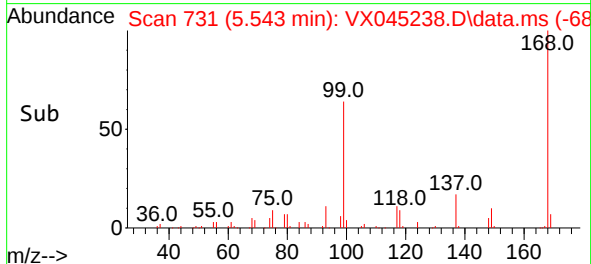
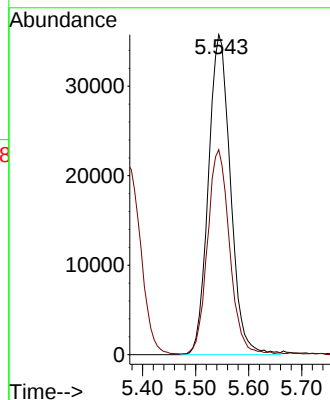
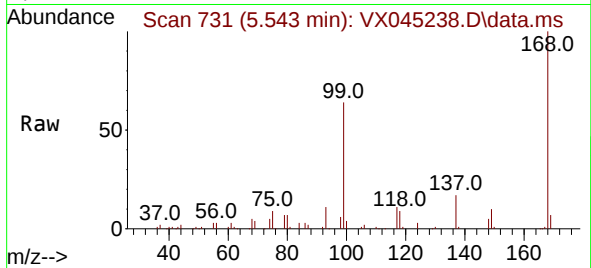




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045238.D
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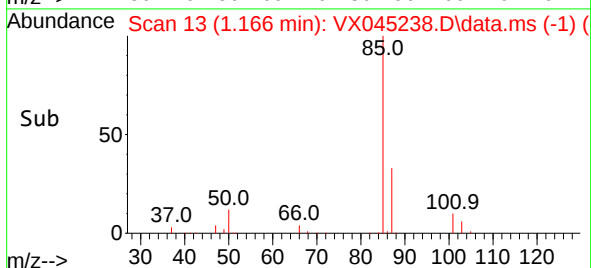
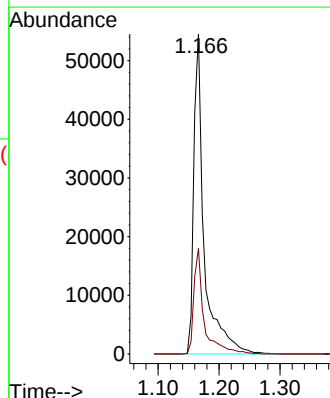
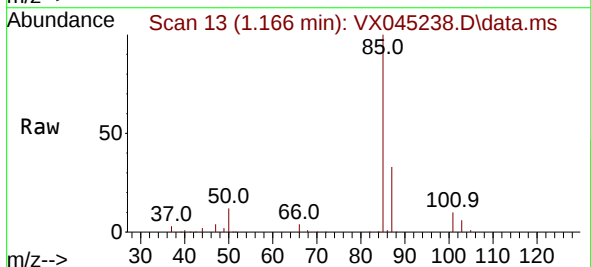
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MSVOA_X
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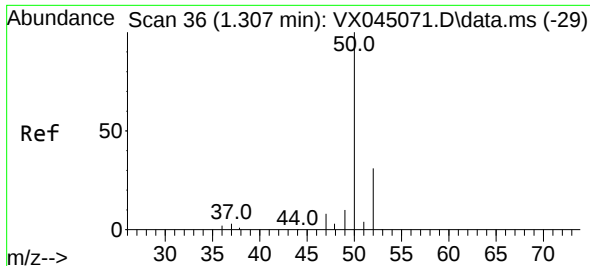
Tgt Ion:168 Resp: 103487
Ion Ratio Lower Upper
168 100
99 63.8 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 49.459 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion: 85 Resp: 64428
Ion Ratio Lower Upper
85 100
87 33.0 17.4 52.3

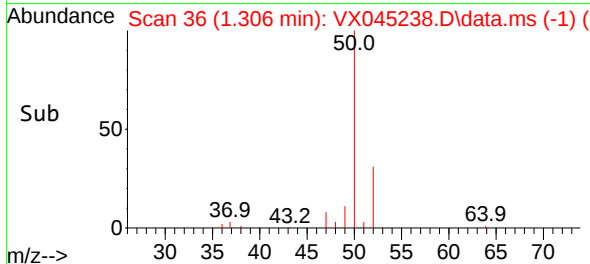
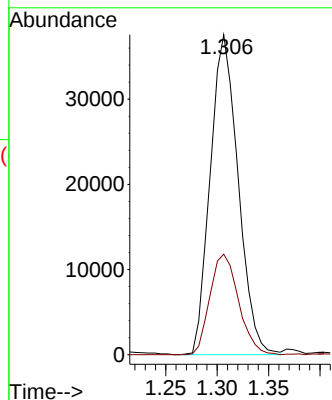
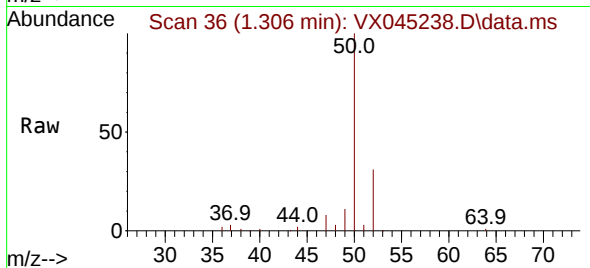




#3
Chloromethane
Concen: 44.525 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

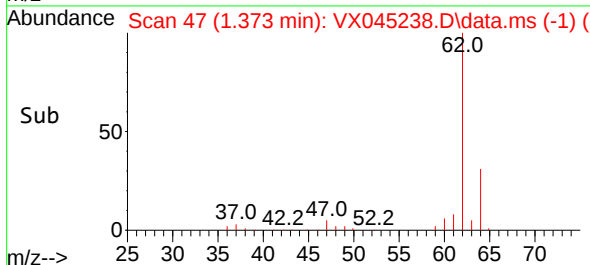
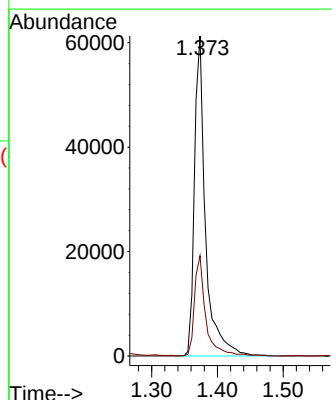
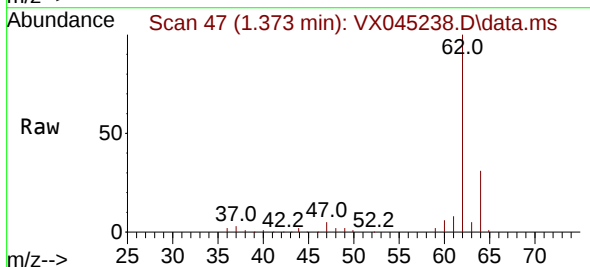
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

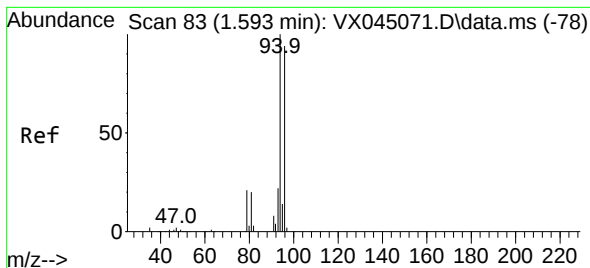
Tgt Ion: 50 Resp: 70980
Ion Ratio Lower Upper
50 100
52 31.4 25.0 37.4



#4
Vinyl Chloride
Concen: 44.911 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion: 62 Resp: 71024
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5





#5

Bromomethane

Concen: 46.226 ug/l

RT: 1.593 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

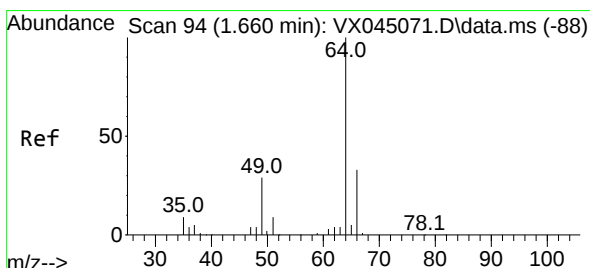
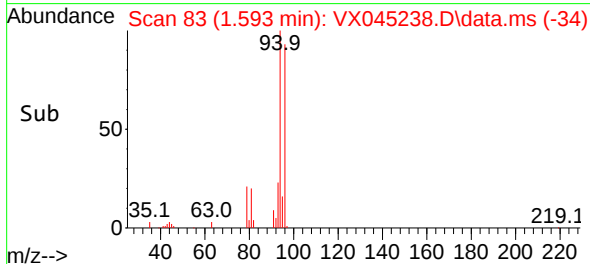
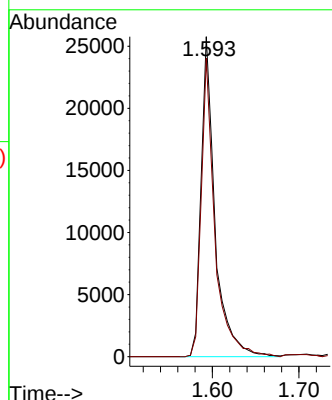
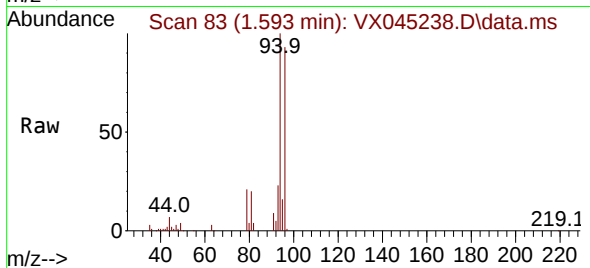
VSTDCCC050

Tgt Ion: 94 Resp: 28738

Ion Ratio Lower Upper

94 100

96 93.3 75.0 112.4



#6

Chloroethane

Concen: 47.163 ug/l

RT: 1.660 min Scan# 94

Delta R.T. -0.000 min

Lab File: VX045238.D

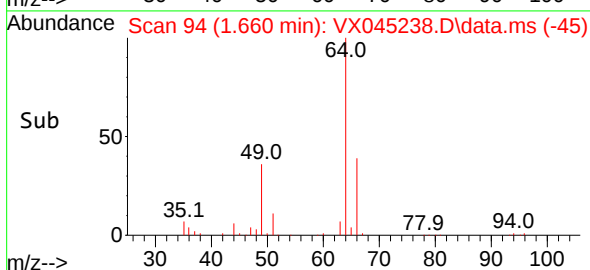
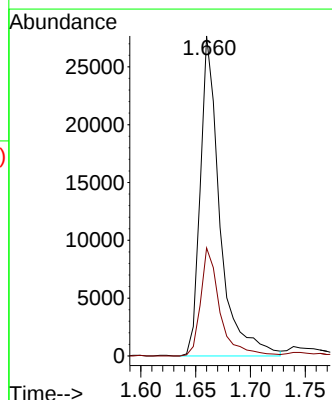
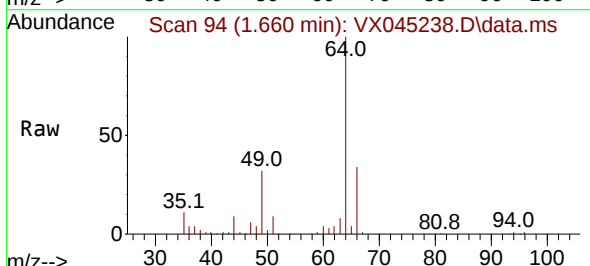
Acq: 12 Mar 2025 10:58

Tgt Ion: 64 Resp: 34403

Ion Ratio Lower Upper

64 100

66 33.7 26.7 40.1

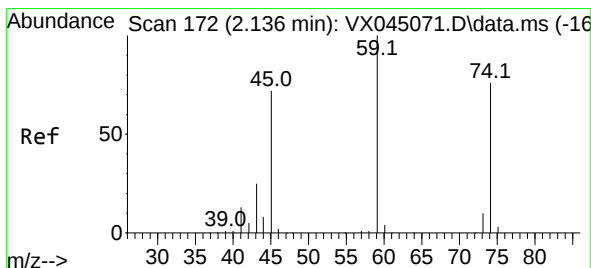
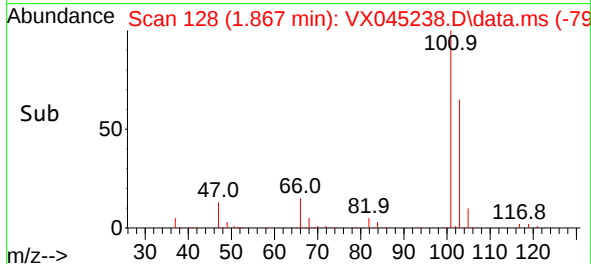
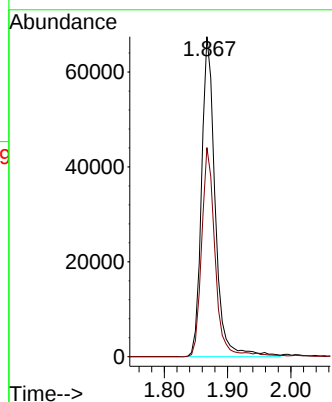
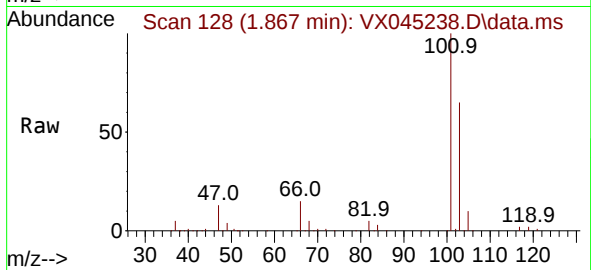




#7
 Trichlorofluoromethane
 Concen: 48.436 ug/l
 RT: 1.867 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045238.D
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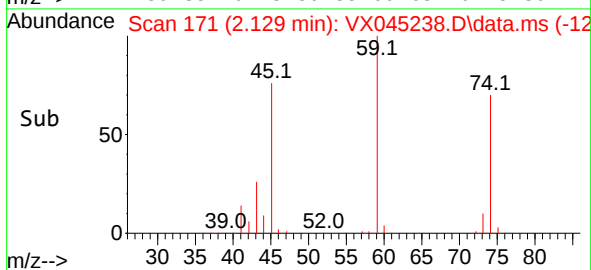
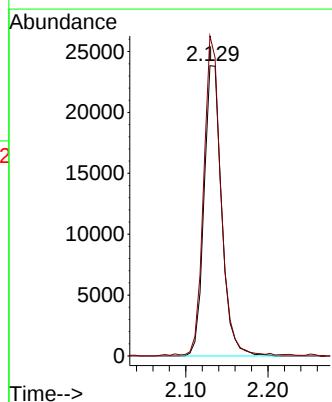
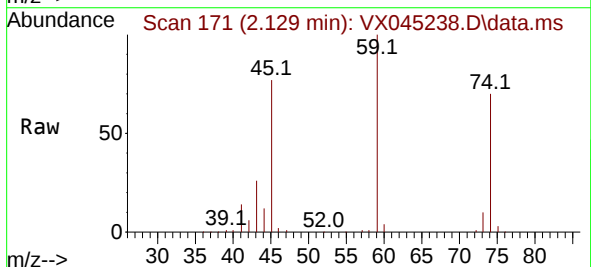
Instrument :
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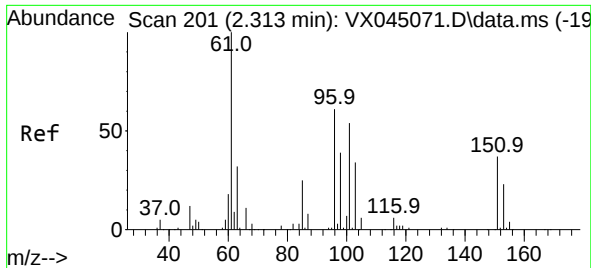
Tgt Ion:101 Resp: 101402
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.1 78.1



#8
 Diethyl Ether
 Concen: 43.384 ug/l
 RT: 2.129 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX045238.D
 Acq: 12 Mar 2025 10:58

Tgt Ion: 74 Resp: 35526
 Ion Ratio Lower Upper
 74 100
 45 108.6 51.5 154.5

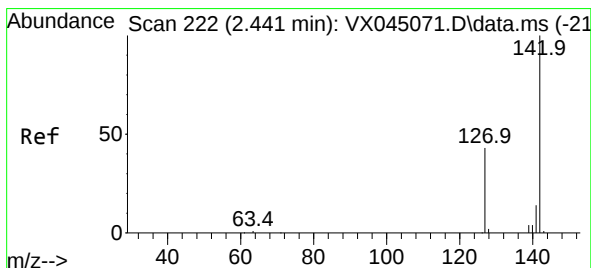
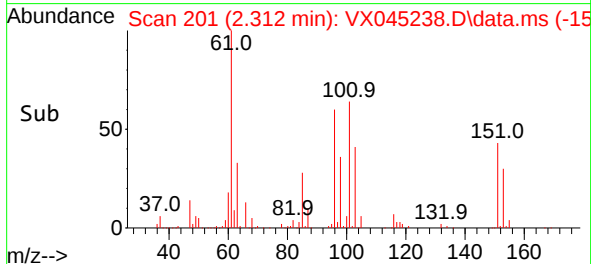
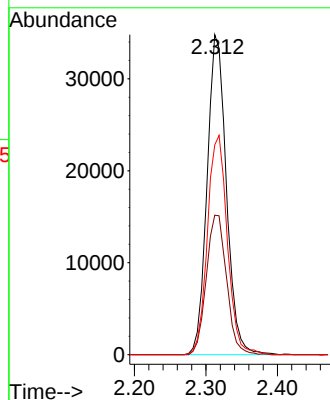
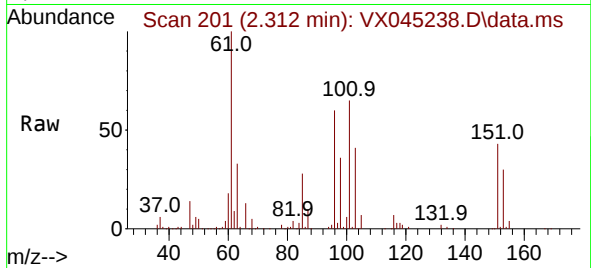




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.247 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX045238.D
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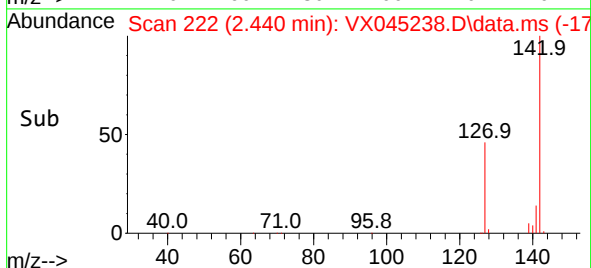
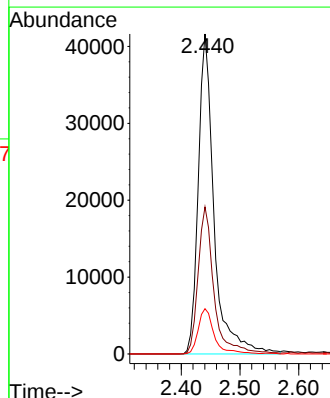
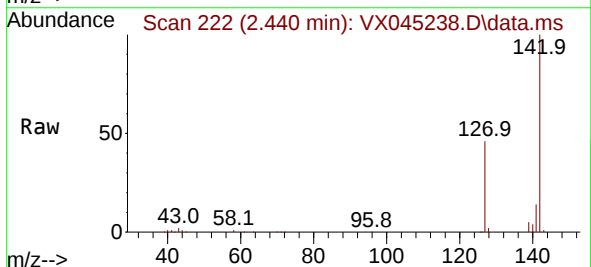
Instrument :
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Tgt Ion:101 Resp: 65247
Ion Ratio Lower Upper
101 100
85 45.7 36.2 54.4
151 70.8 56.4 84.6



#10
Methyl Iodide
Concen: 51.721 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion:142 Resp: 77742
Ion Ratio Lower Upper
142 100
127 46.2 35.4 53.2
141 14.3 11.6 17.4

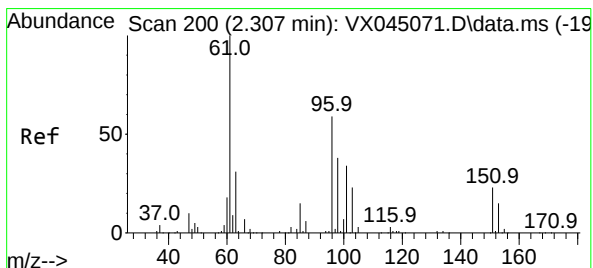
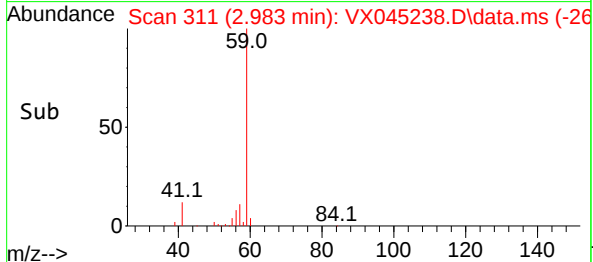
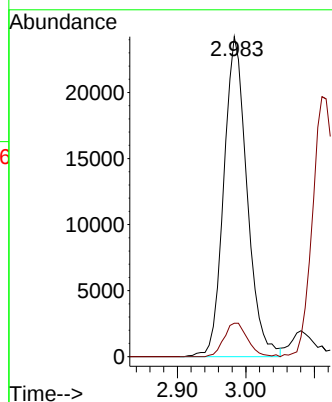
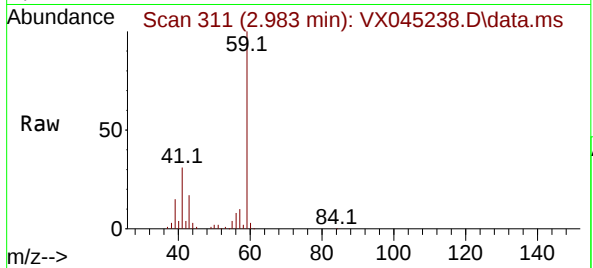




#11
Tert butyl alcohol
Concen: 182.890 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

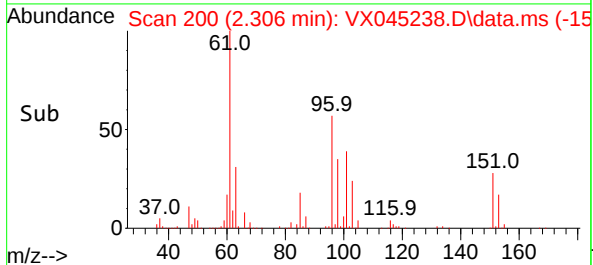
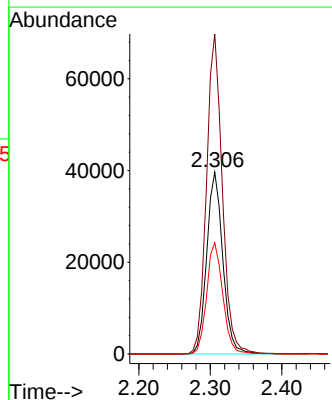
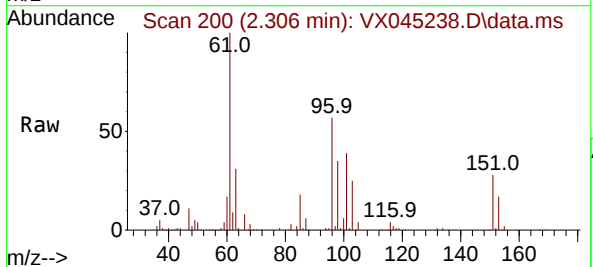
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 57025
Ion Ratio Lower Upper
59 100
57 10.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 48.725 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion: 96 Resp: 61960
Ion Ratio Lower Upper
96 100
61 175.8 134.6 202.0
98 61.1 51.0 76.6

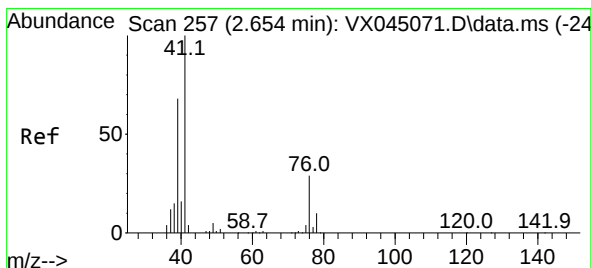
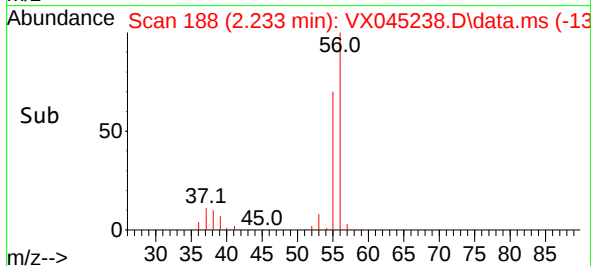
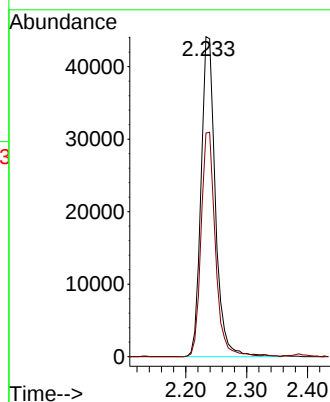
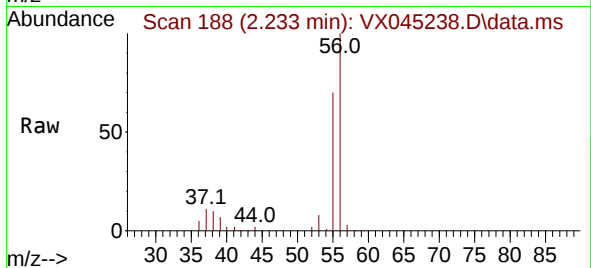




#13
Acrolein
Concen: 199.949 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

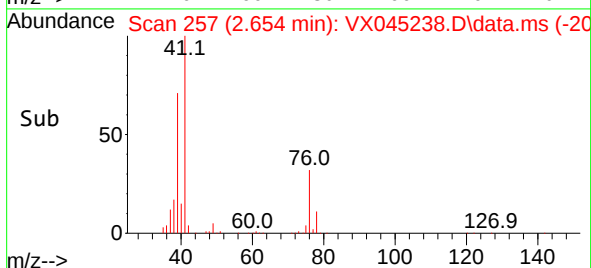
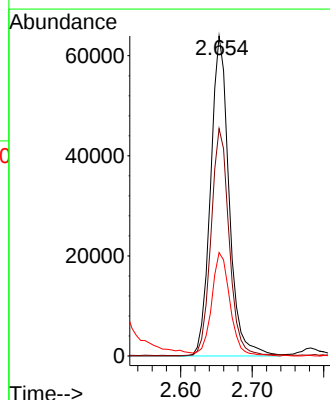
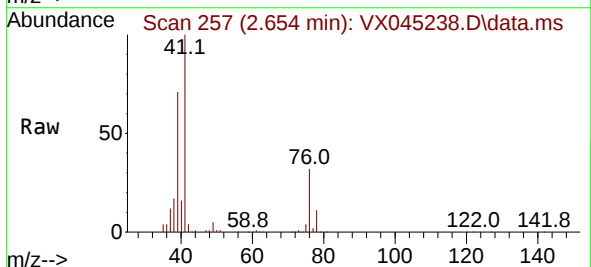
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

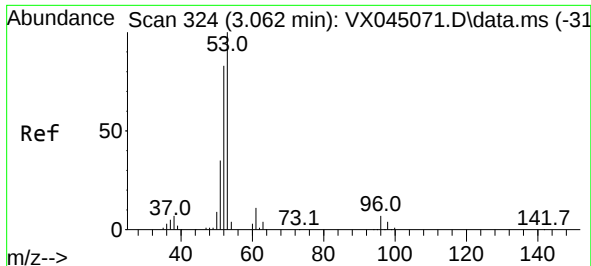
Tgt Ion: 56 Resp: 72068
Ion Ratio Lower Upper
56 100
55 70.1 56.2 84.4



#14
Allyl chloride
Concen: 50.897 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion: 41 Resp: 115209
Ion Ratio Lower Upper
41 100
39 69.2 53.8 80.8
76 32.0 25.2 37.8

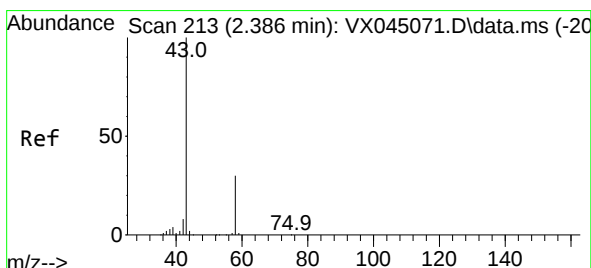
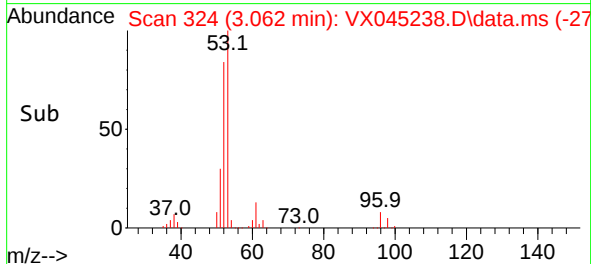
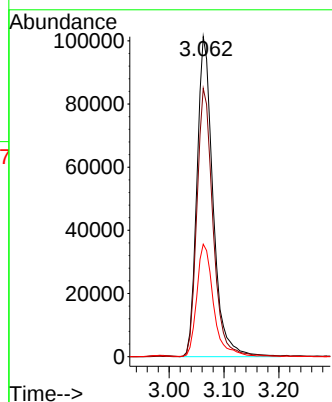
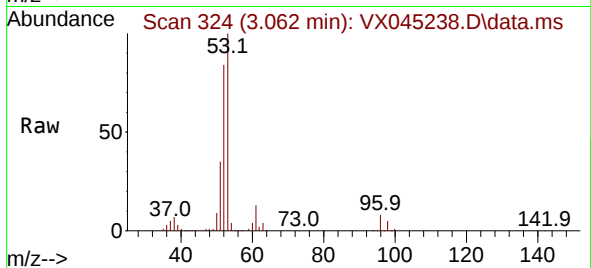




#15
Acrylonitrile
Concen: 247.683 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

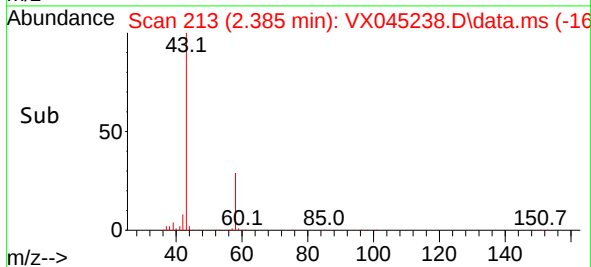
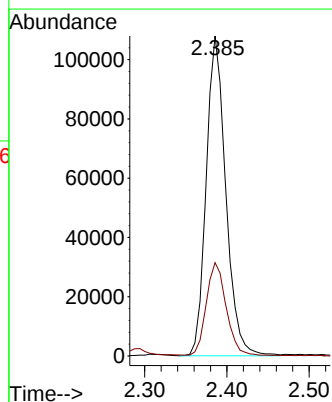
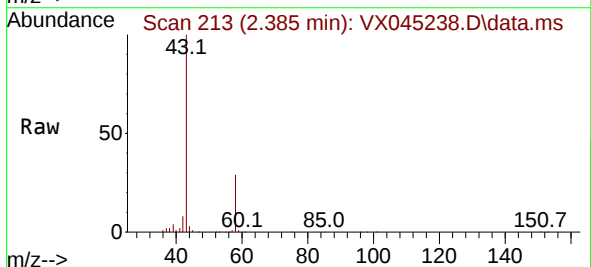
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 206979
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.2
51 36.3 29.0 43.4



#16
Acetone
Concen: 234.069 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion: 43 Resp: 178769
Ion Ratio Lower Upper
43 100
58 29.0 24.2 36.4

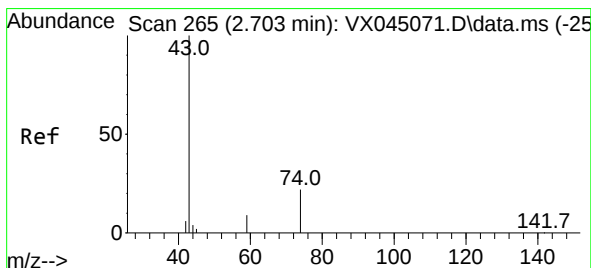
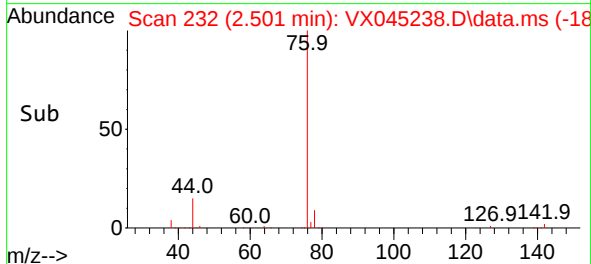
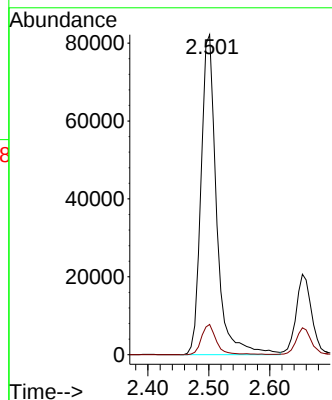
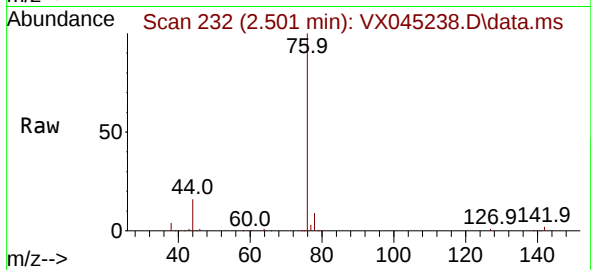




#17
Carbon Disulfide
Concen: 43.194 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

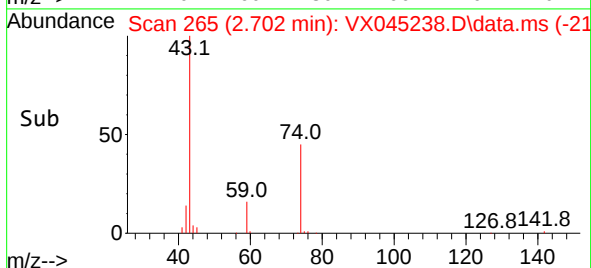
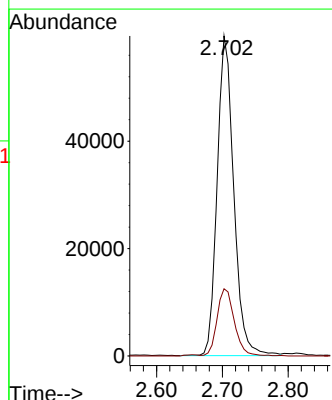
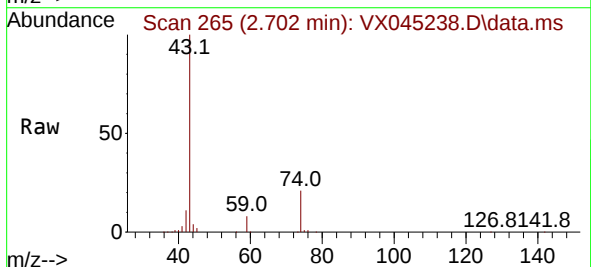
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

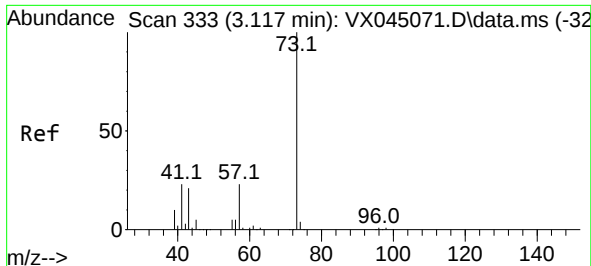
Tgt Ion: 76 Resp: 146295
Ion Ratio Lower Upper
76 100
78 9.4 6.6 9.8



#18
Methyl Acetate
Concen: 57.056 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion: 43 Resp: 104831
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.2

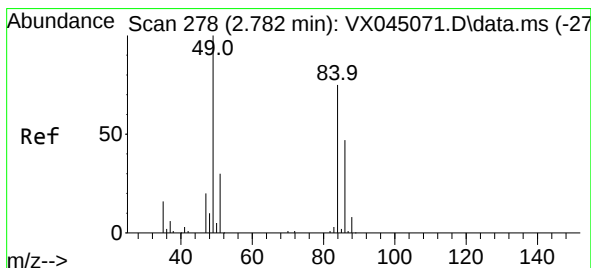
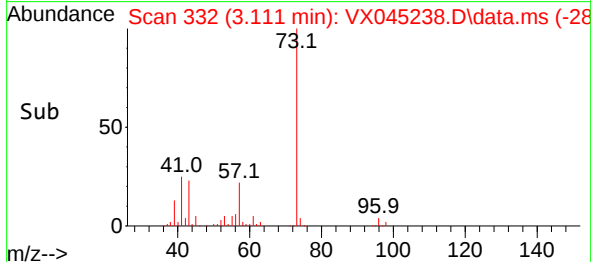
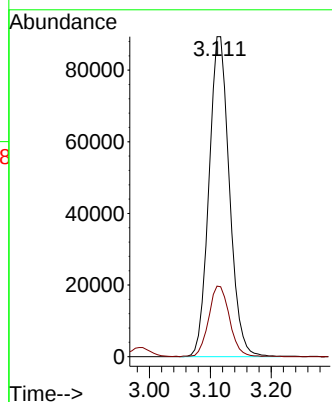
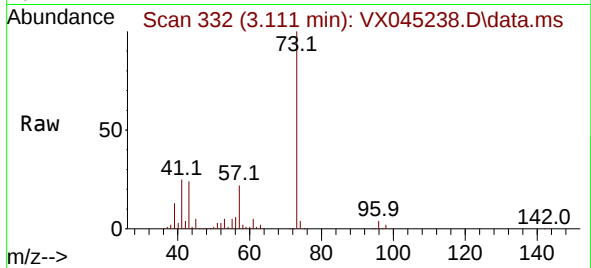




#19
Methyl tert-butyl Ether
Concen: 48.805 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

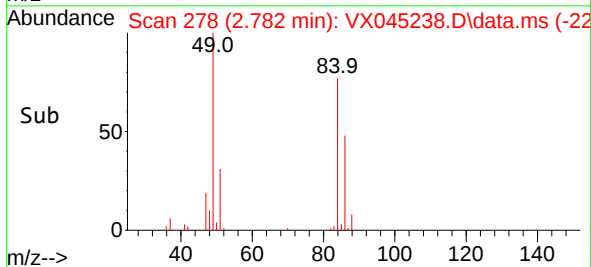
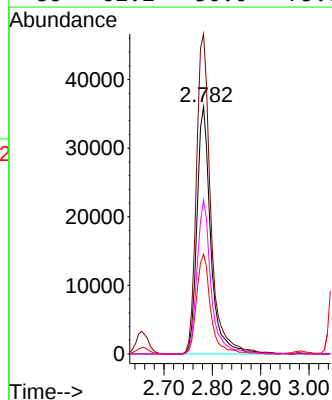
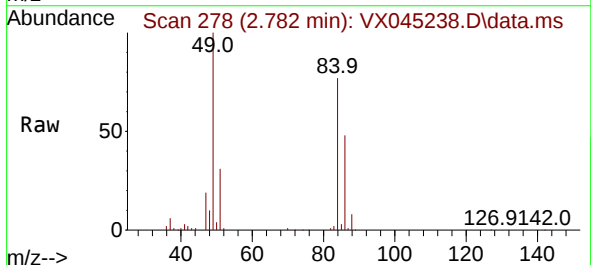
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

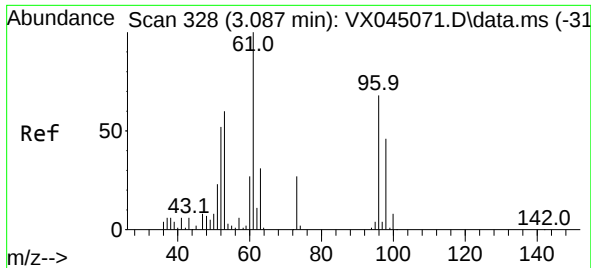
Tgt Ion: 73 Resp: 208220
Ion Ratio Lower Upper
73 100
57 22.0 18.5 27.7



#20
Methylene Chloride
Concen: 47.297 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion: 84 Resp: 71555
Ion Ratio Lower Upper
84 100
49 129.3 106.5 159.7
51 40.3 32.1 48.1
86 62.2 50.0 75.0

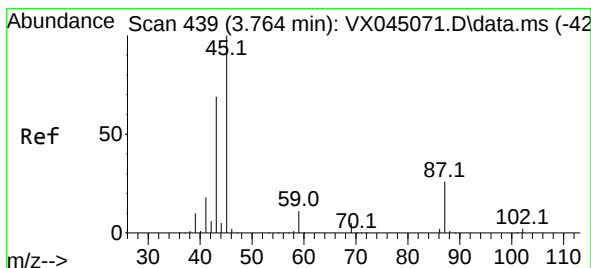
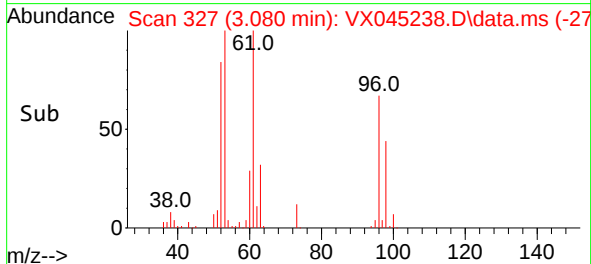
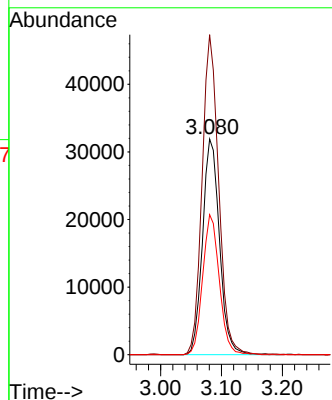
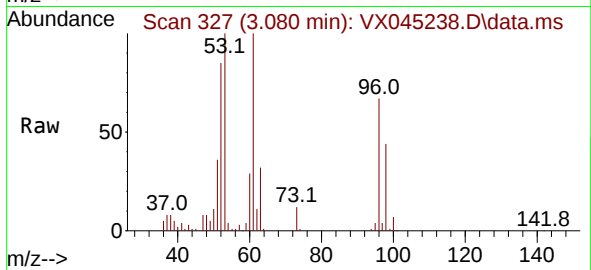




#21
trans-1,2-Dichloroethene
Concen: 49.065 ug/l
RT: 3.080 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

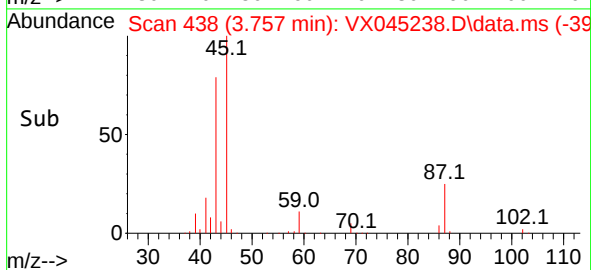
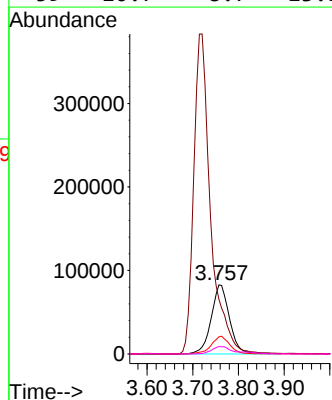
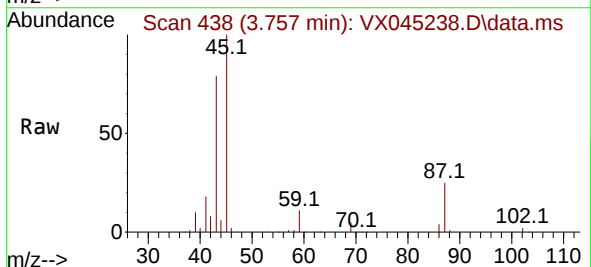
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

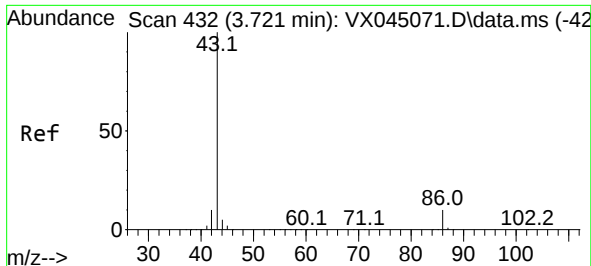
Tgt Ion: 96 Resp: 61640
Ion Ratio Lower Upper
96 100
61 148.4 117.0 175.4
98 64.9 53.4 80.2



#22
Diisopropyl ether
Concen: 50.113 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion: 45 Resp: 230699
Ion Ratio Lower Upper
45 100
43 78.8 54.9 82.3
87 24.8 21.0 31.4
59 10.7 8.7 13.1

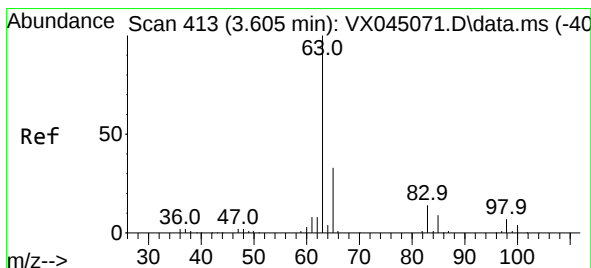
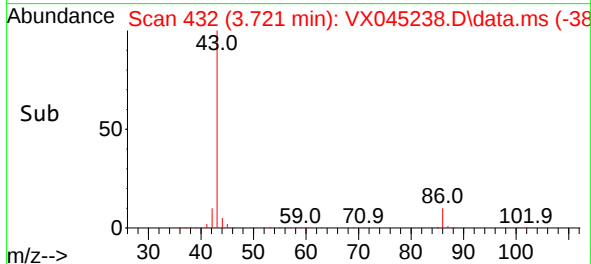
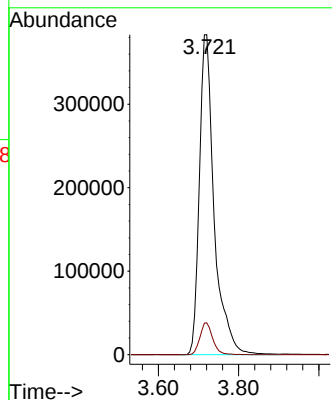
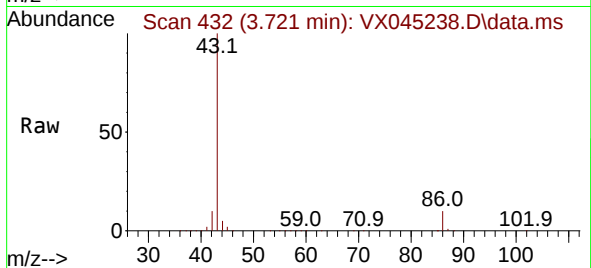




#23
 Vinyl Acetate
 Concen: 255.834 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045238.D
 Acq: 12 Mar 2025 10:58

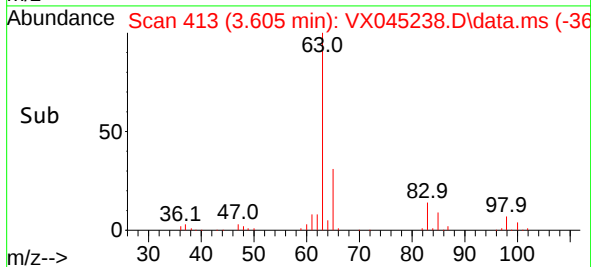
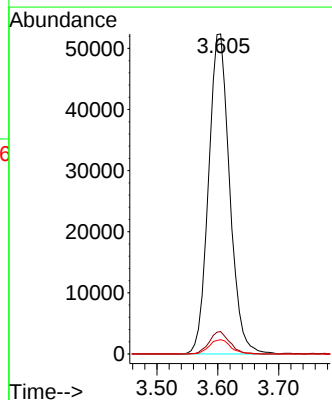
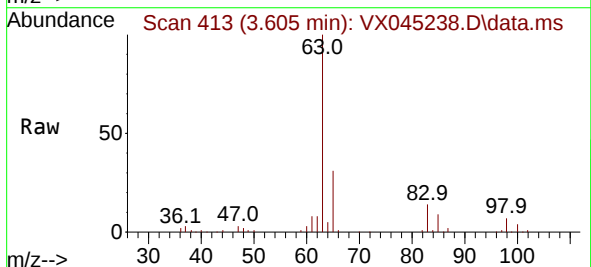
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

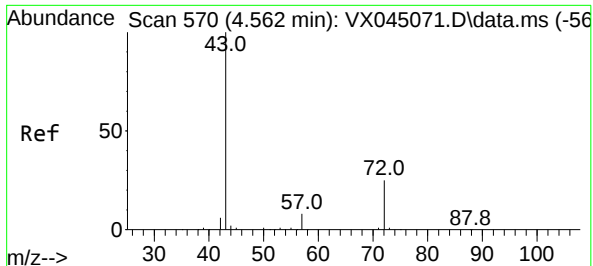
Tgt Ion: 43 Resp: 982839
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 48.745 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045238.D
 Acq: 12 Mar 2025 10:58

Tgt Ion: 63 Resp: 125762
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 4.5 2.1 6.5

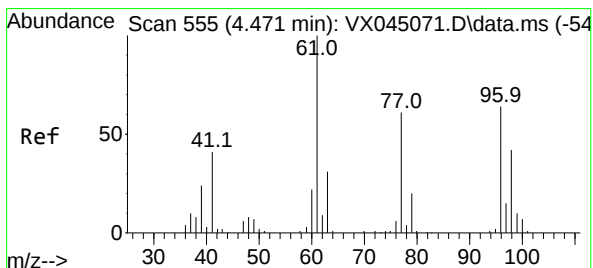
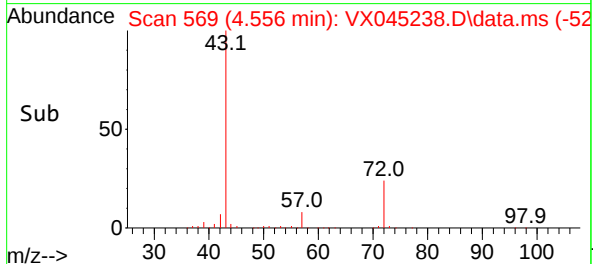
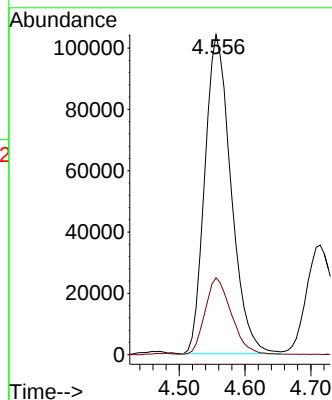
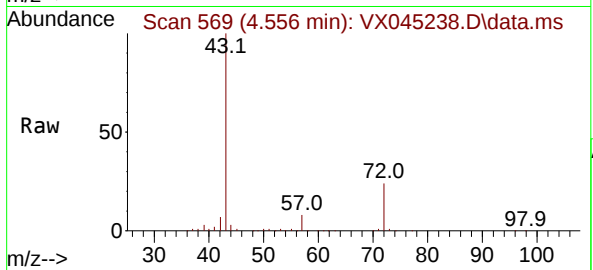




#25
2-Butanone
Concen: 250.972 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

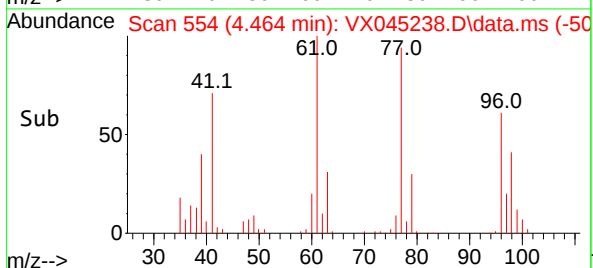
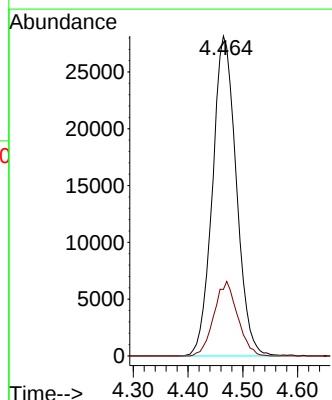
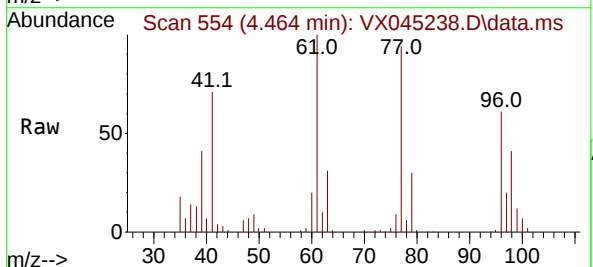
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 288524
Ion Ratio Lower Upper
43 100
72 23.9 20.0 30.0



#26
2,2-Dichloropropane
Concen: 70.215 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion: 77 Resp: 84970
Ion Ratio Lower Upper
77 100
97 23.1 12.4 37.0

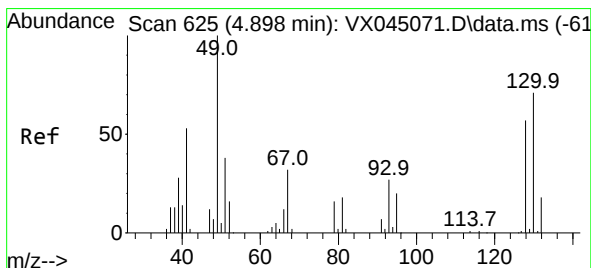
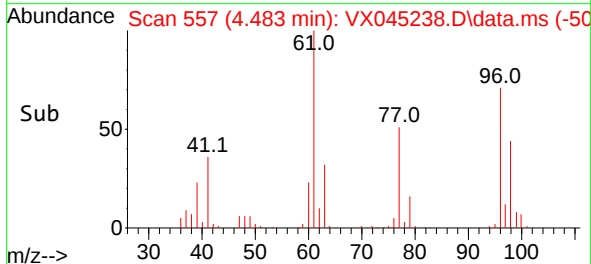
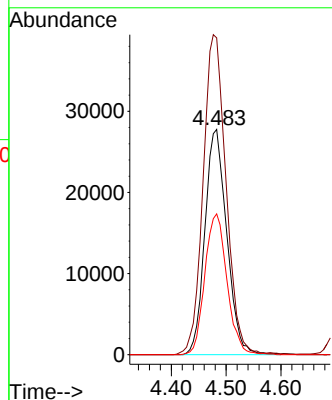
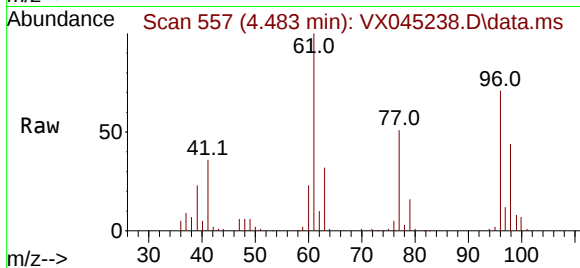




#27
 cis-1,2-Dichloroethene
 Concen: 49.593 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX045238.D
 Acq: 12 Mar 2025 10:58

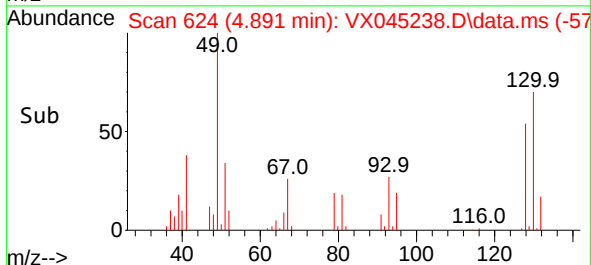
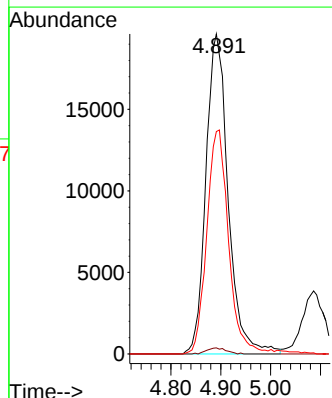
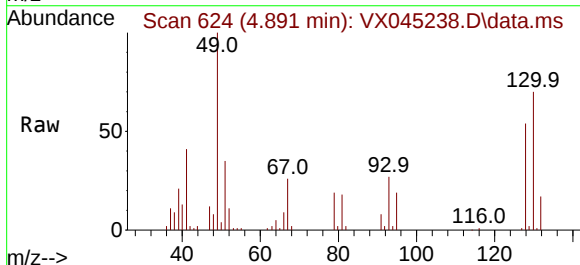
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

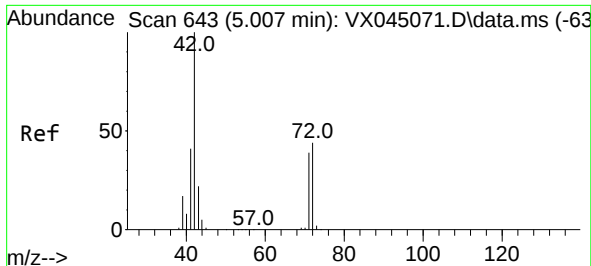
Tgt Ion:	96	Resp:	76911
Ion	Ratio	Lower	Upper
96	100		
61	148.6	0.0	283.2
98	63.3	0.0	128.0



#28
 Bromochloromethane
 Concen: 49.455 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045238.D
 Acq: 12 Mar 2025 10:58

Tgt Ion:	49	Resp:	60817
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	68.2	56.1	84.1





#29

Tetrahydrofuran

Concen: 238.107 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

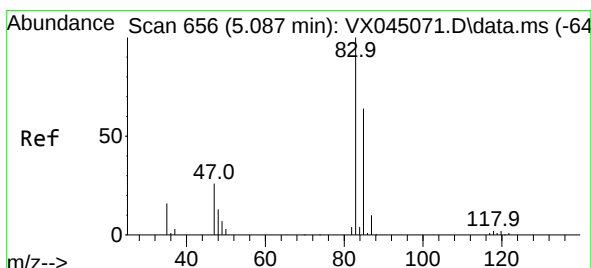
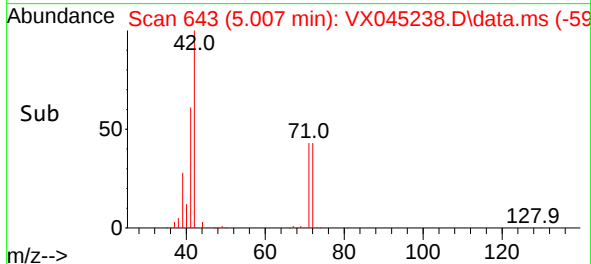
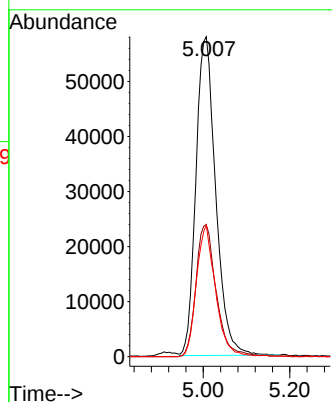
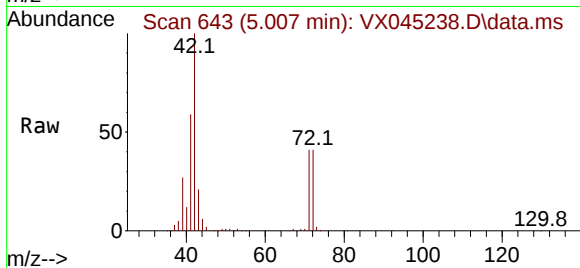
Tgt Ion: 42 Resp: 183826

Ion Ratio Lower Upper

42 100

72 42.3 34.1 51.1

71 39.6 31.4 47.0



#30

Chloroform

Concen: 49.675 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045238.D

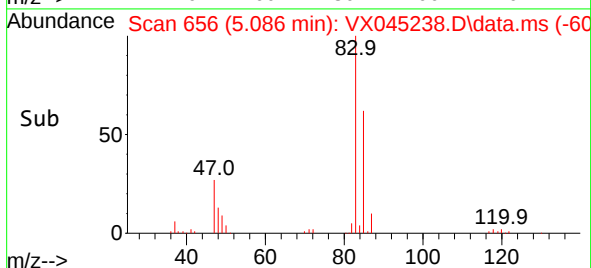
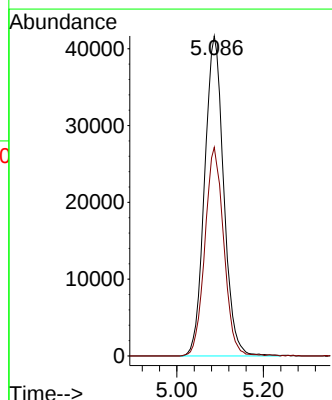
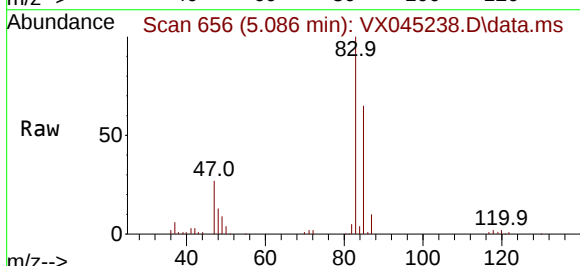
Acq: 12 Mar 2025 10:58

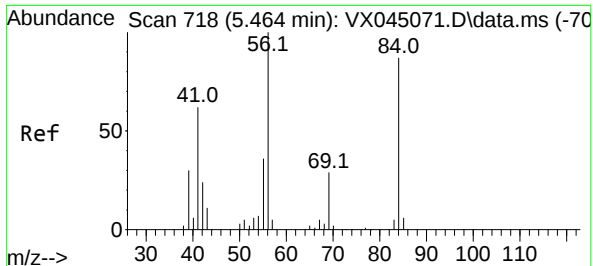
Tgt Ion: 83 Resp: 127343

Ion Ratio Lower Upper

83 100

85 65.2 51.4 77.2

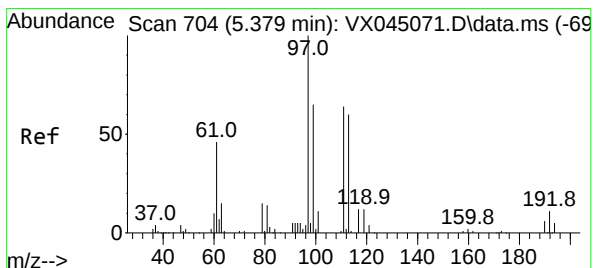
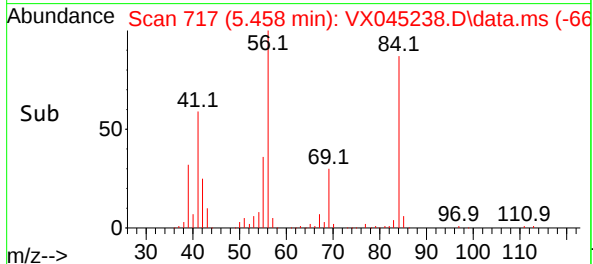
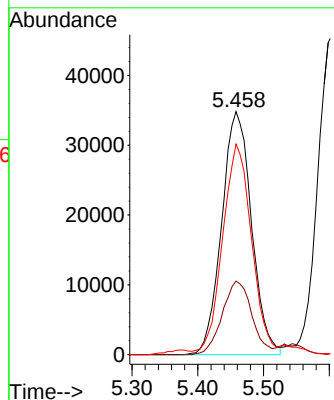
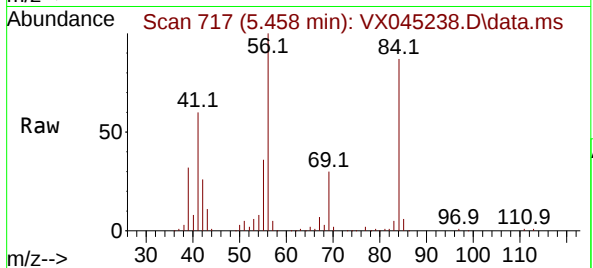




#31
Cyclohexane
Concen: 49.096 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

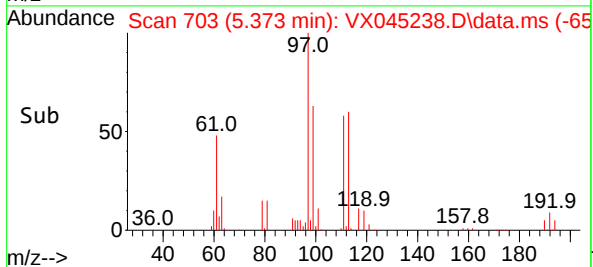
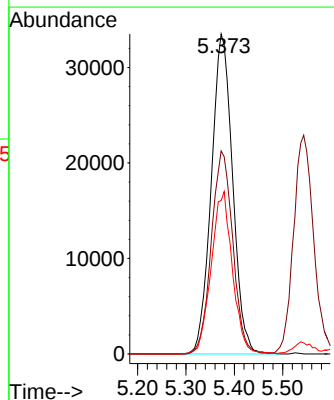
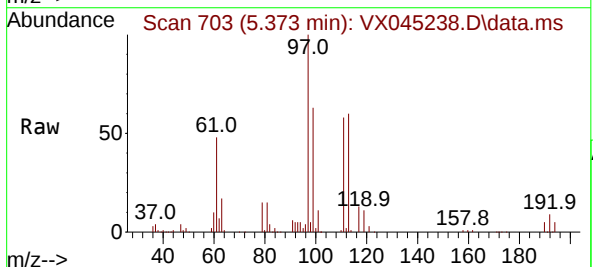
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 109954
Ion Ratio Lower Upper
56 100
69 30.3 23.4 35.2
84 84.7 69.4 104.2



#32
1,1,1-Trichloroethane
Concen: 49.582 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion: 97 Resp: 102657
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 50.4 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 47.184 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

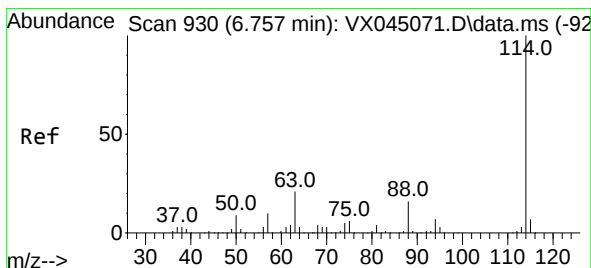
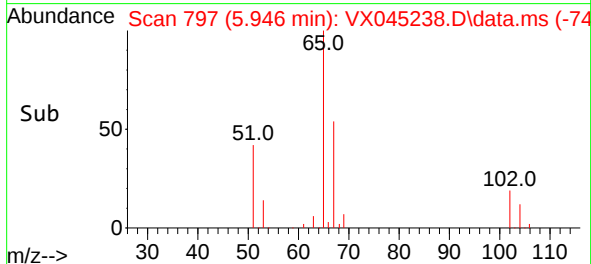
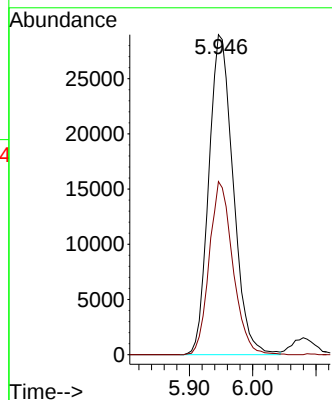
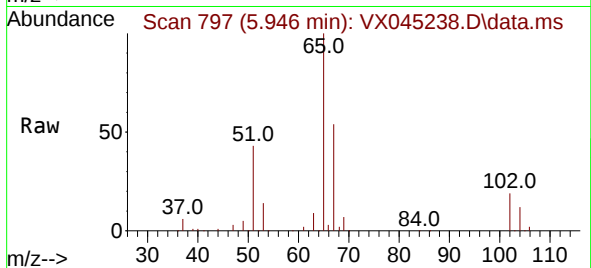
VSTDCCC050

Tgt Ion: 65 Resp: 77670

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

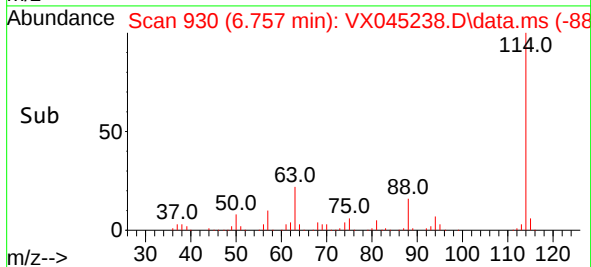
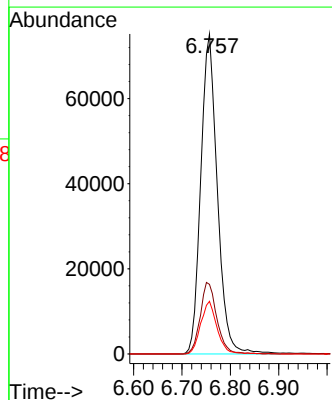
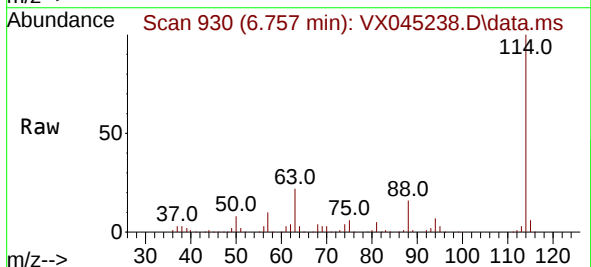
Tgt Ion: 114 Resp: 178691

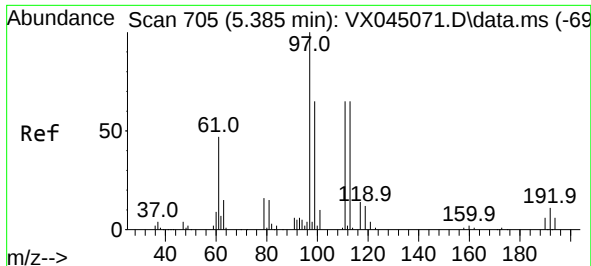
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

88 16.4 0.0 32.8

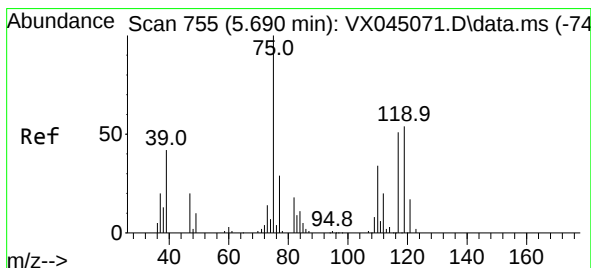
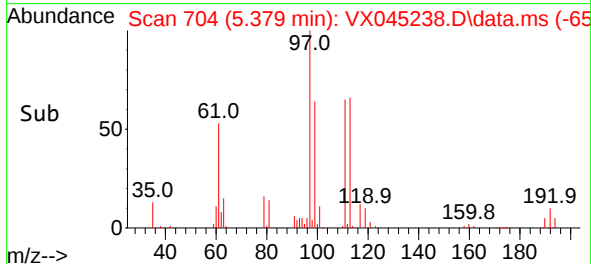
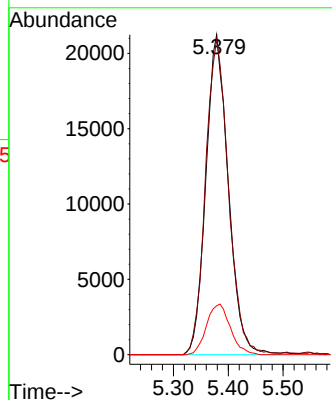
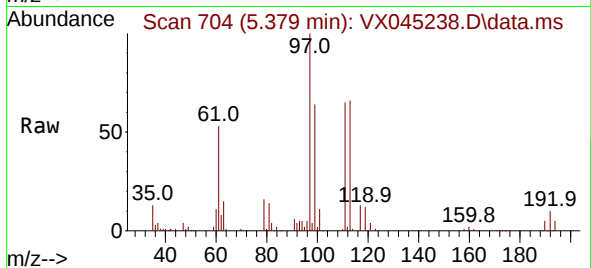




#35
Dibromofluoromethane
Concen: 50.434 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

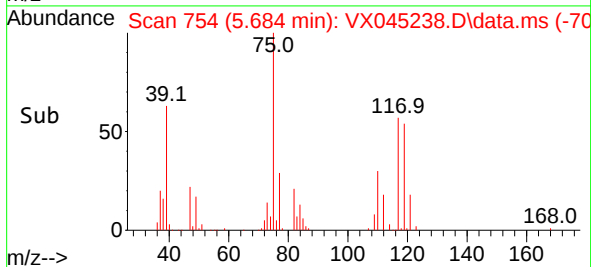
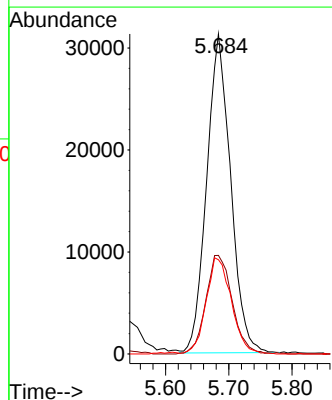
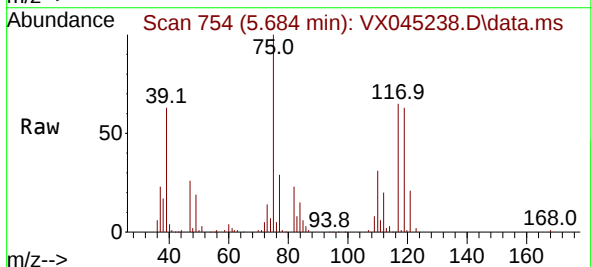
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

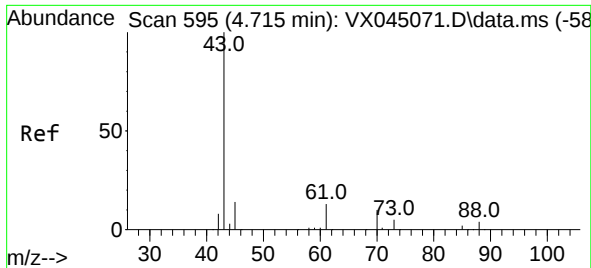
Tgt Ion:113 Resp: 60262
Ion Ratio Lower Upper
113 100
111 101.1 81.8 122.6
192 16.8 14.3 21.5



#36
1,1-Dichloropropene
Concen: 50.164 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion: 75 Resp: 82200
Ion Ratio Lower Upper
75 100
110 34.0 16.9 50.6
77 31.9 24.5 36.7





#37

Ethyl Acetate

Concen: 50.640 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

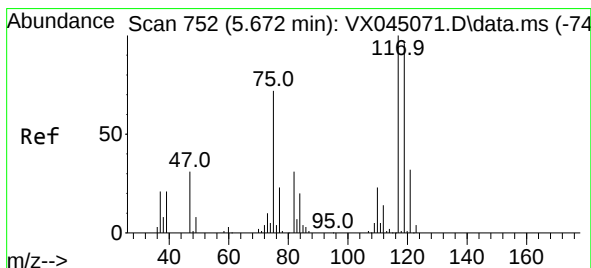
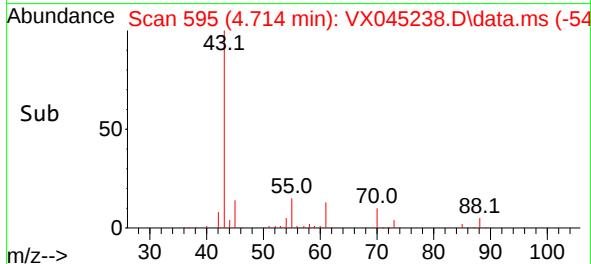
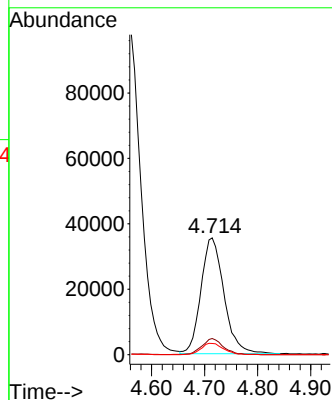
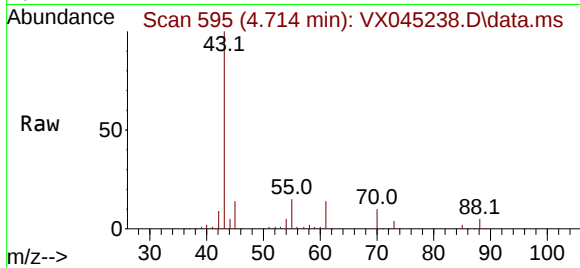
Tgt Ion: 43 Resp: 106925

Ion Ratio Lower Upper

43 100

61 13.1 10.8 16.2

70 9.5 7.7 11.5



#38

Carbon Tetrachloride

Concen: 51.792 ug/l

RT: 5.665 min Scan# 751

Delta R.T. -0.006 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

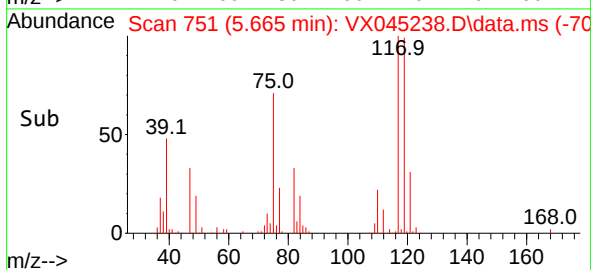
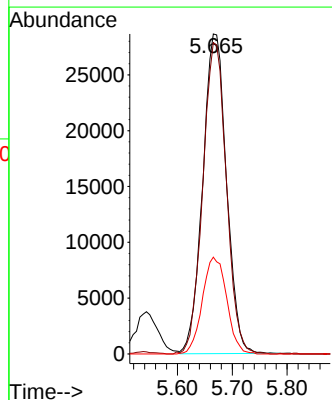
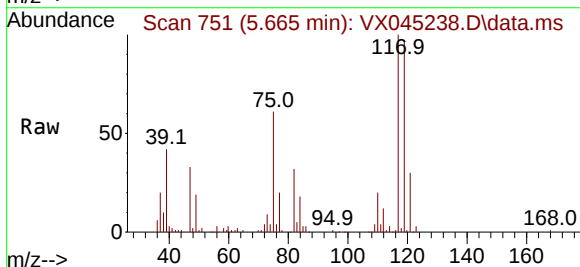
Tgt Ion: 117 Resp: 86162

Ion Ratio Lower Upper

117 100

119 97.3 76.7 115.1

121 30.3 25.5 38.3





#39

Methylcyclohexane

Concen: 55.236 ug/l

RT: 7.372 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

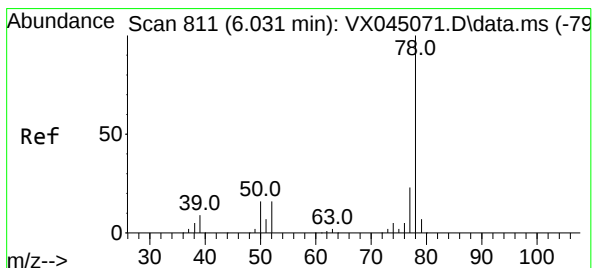
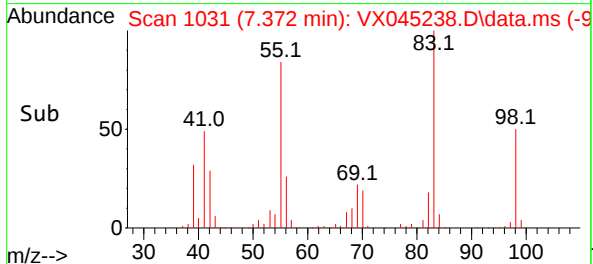
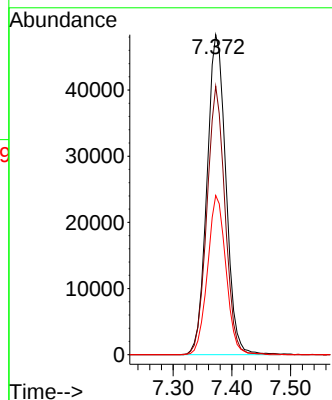
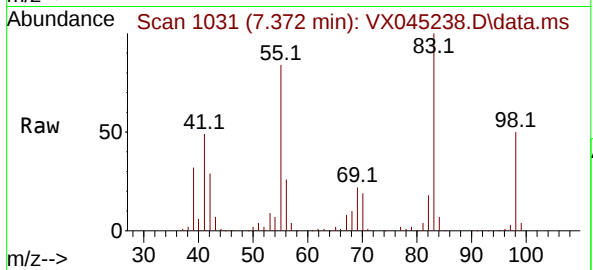
Tgt Ion: 83 Resp: 108454

Ion Ratio Lower Upper

83 100

55 83.9 63.0 94.4

98 49.7 39.7 59.5



#40

Benzene

Concen: 50.984 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045238.D

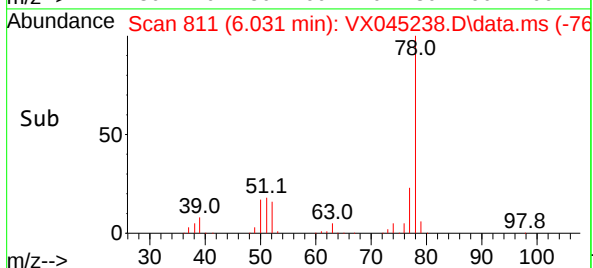
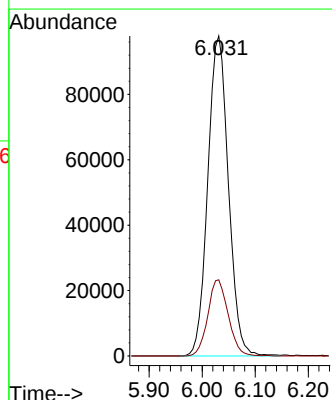
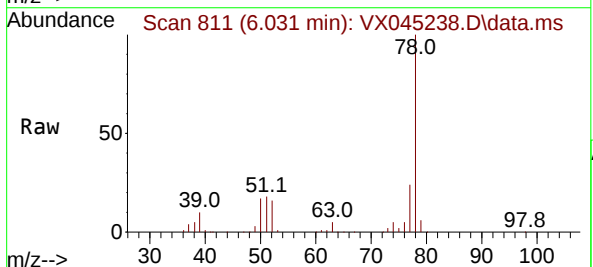
Acq: 12 Mar 2025 10:58

Tgt Ion: 78 Resp: 263814

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

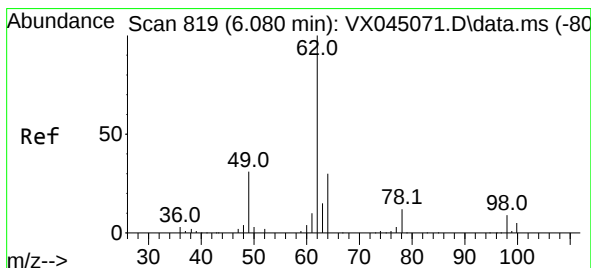
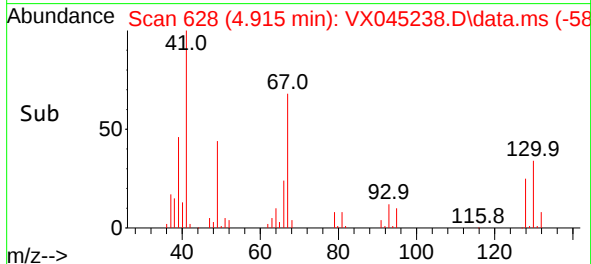
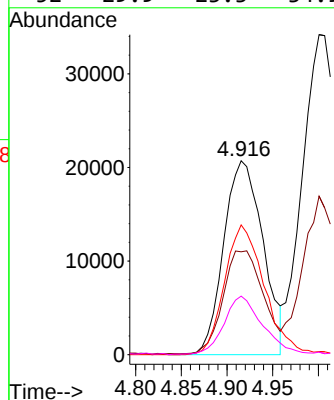
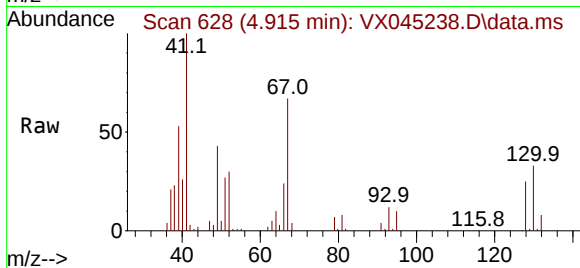




#41
Methacrylonitrile
Concen: 54.370 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

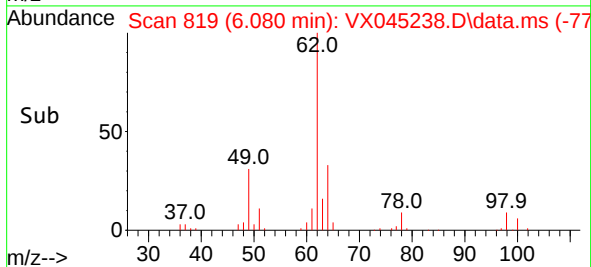
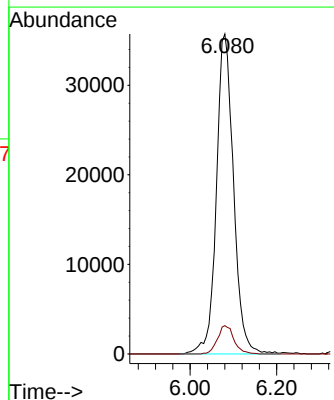
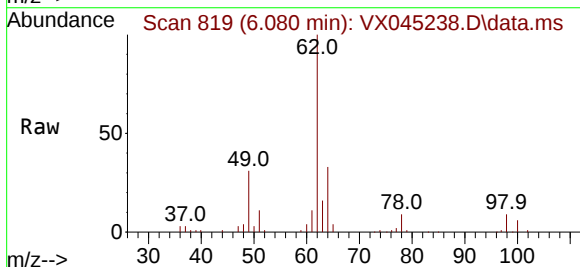
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

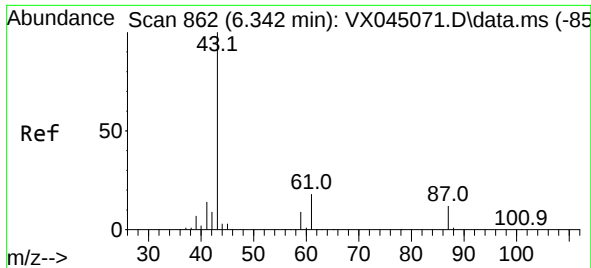
Tgt Ion:	41	Resp:	62075
Ion	Ratio	Lower	Upper
41	100		
39	54.6	44.6	67.0
67	68.1	53.9	80.9
52	29.9	23.3	34.9



#42
1,2-Dichloroethane
Concen: 52.777 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion:	62	Resp:	98340
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2

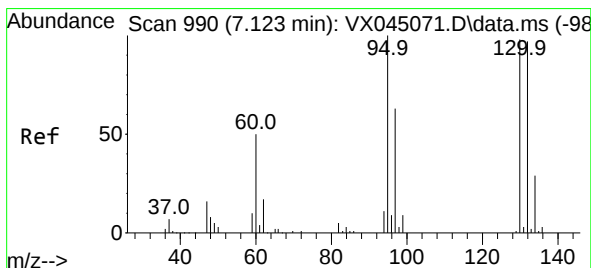
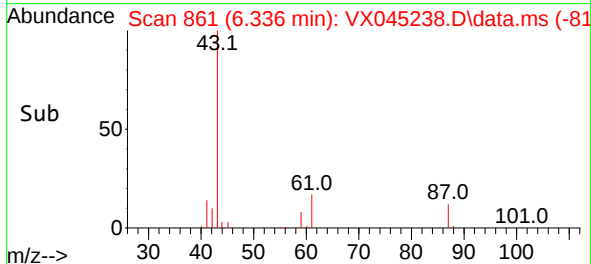
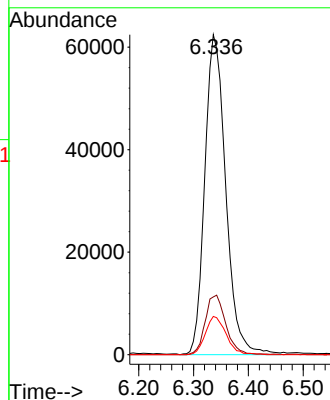
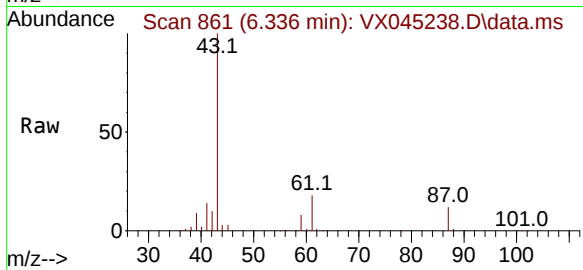




#43
Isopropyl Acetate
Concen: 53.134 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

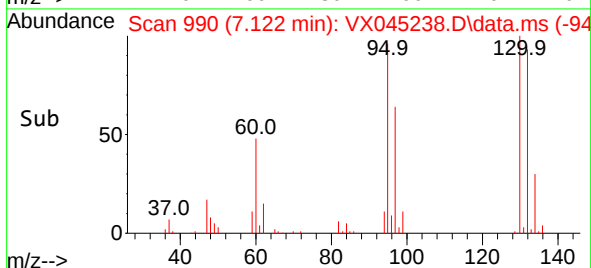
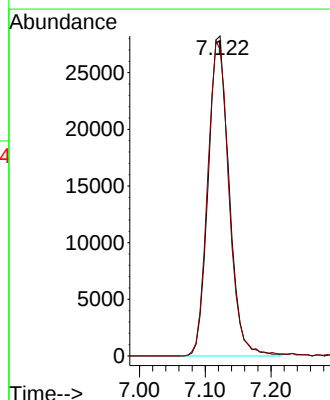
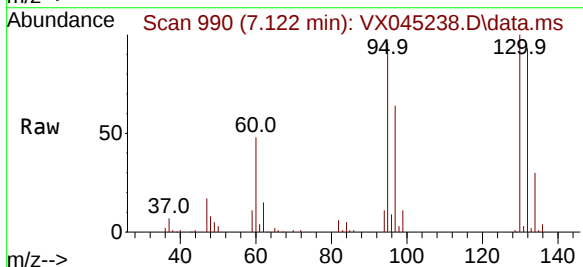
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 165899
Ion Ratio Lower Upper
43 100
61 18.3 14.9 22.3
87 11.8 9.4 14.2



#44
Trichloroethene
Concen: 51.477 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion:130 Resp: 62545
Ion Ratio Lower Upper
130 100
95 95.8 0.0 205.0





#45

1,2-Dichloropropane

Concen: 50.738 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

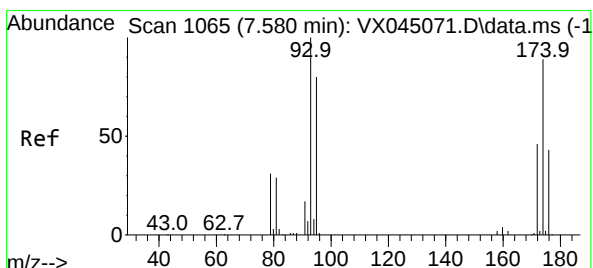
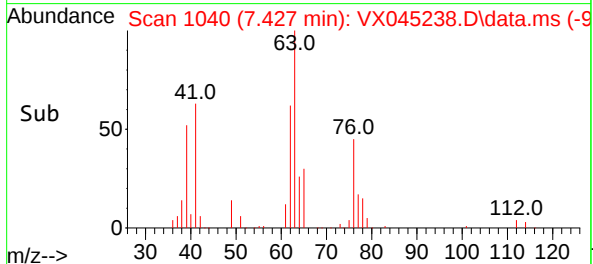
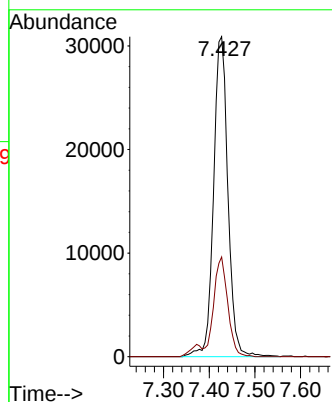
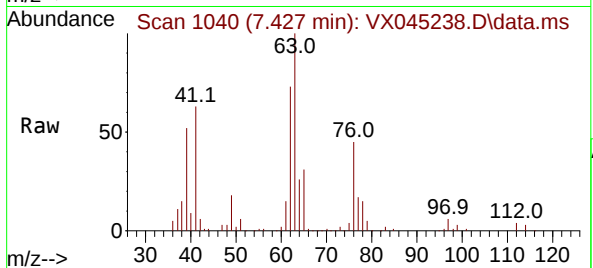
VSTDCCC050

Tgt Ion: 63 Resp: 67501

Ion Ratio Lower Upper

63 100

65 31.1 24.7 37.1



#46

Dibromomethane

Concen: 52.820 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

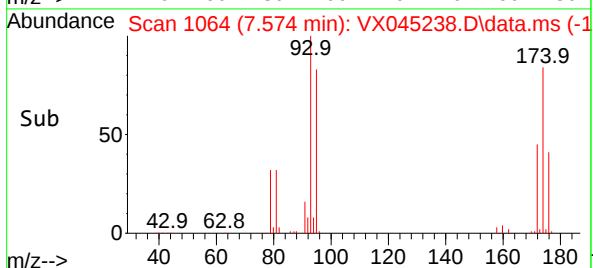
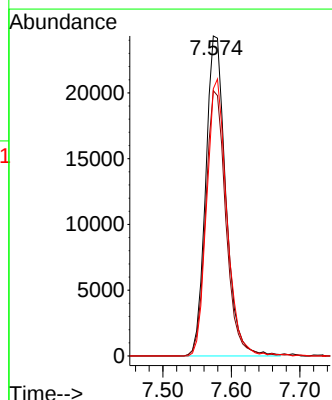
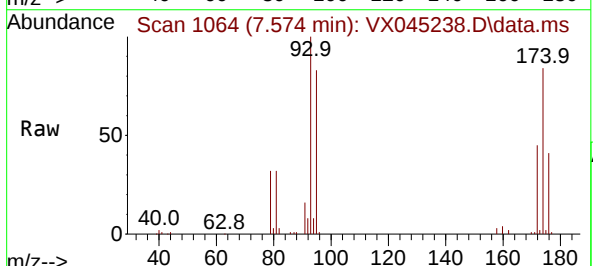
Tgt Ion: 93 Resp: 49669

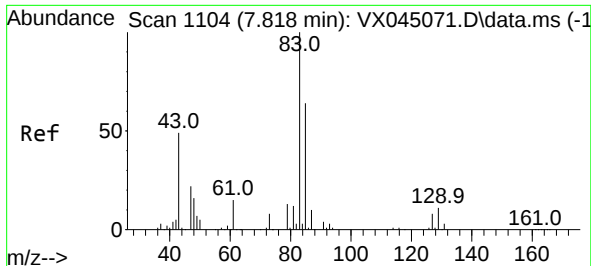
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.8

174 86.6 72.2 108.2





#47

Bromodichloromethane

Concen: 53.359 ug/l

RT: 7.817 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

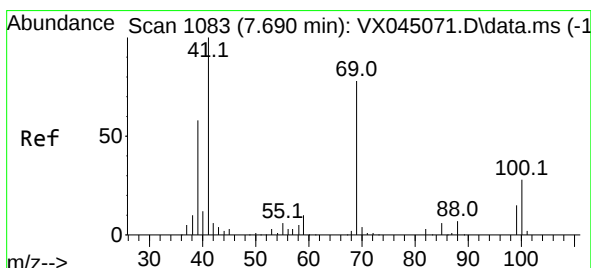
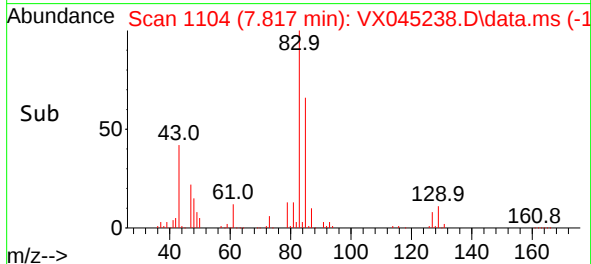
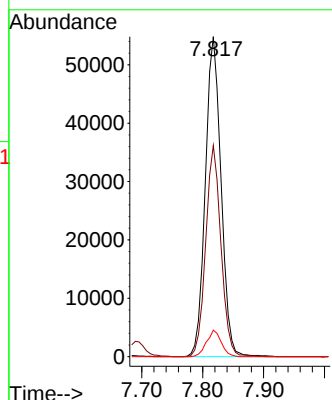
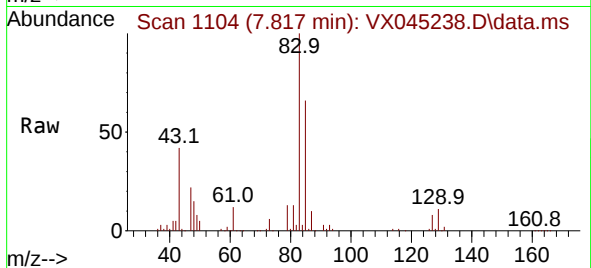
Tgt Ion: 83 Resp: 98418

Ion Ratio Lower Upper

83 100

85 66.0 51.1 76.7

127 8.3 6.4 9.6



#48

Methyl methacrylate

Concen: 54.217 ug/l

RT: 7.689 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

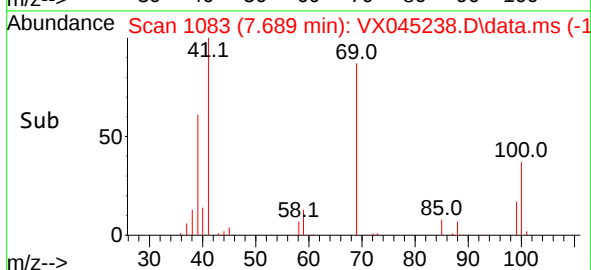
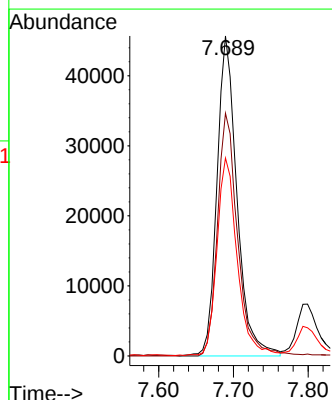
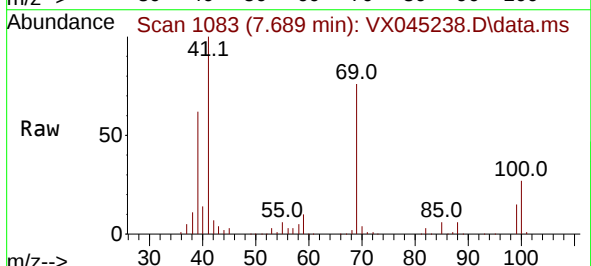
Tgt Ion: 41 Resp: 84926

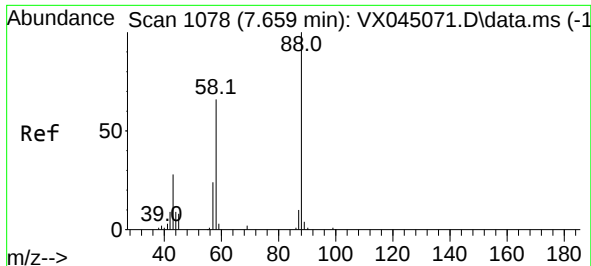
Ion Ratio Lower Upper

41 100

69 76.5 63.0 94.6

39 62.4 47.5 71.3





#49

1,4-Dioxane

Concen: 881.577 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

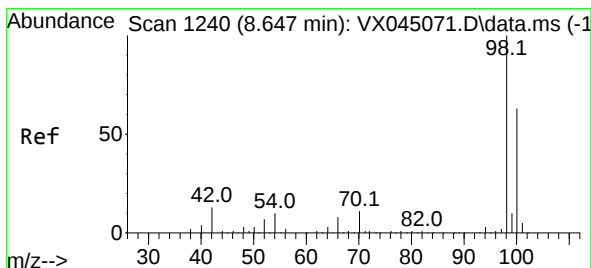
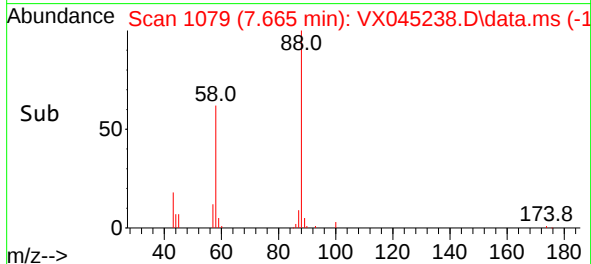
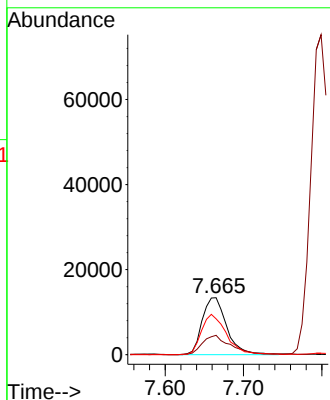
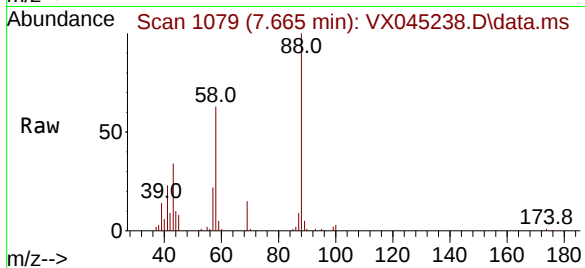
Tgt Ion: 88 Resp: 29129

Ion Ratio Lower Upper

88 100

43 39.4 28.7 43.1

58 72.7 55.8 83.8



#50

Toluene-d8

Concen: 48.630 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045238.D

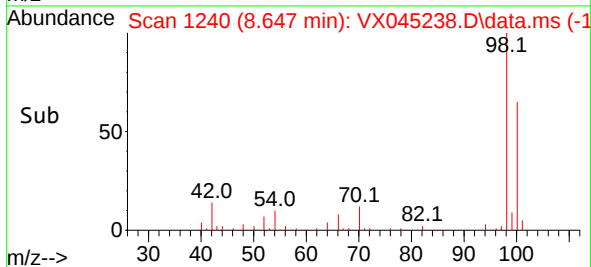
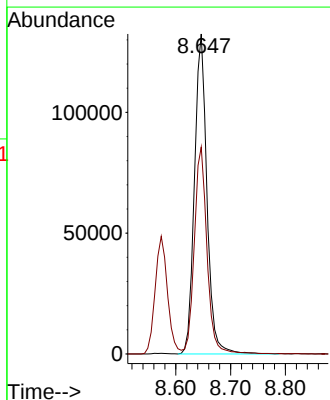
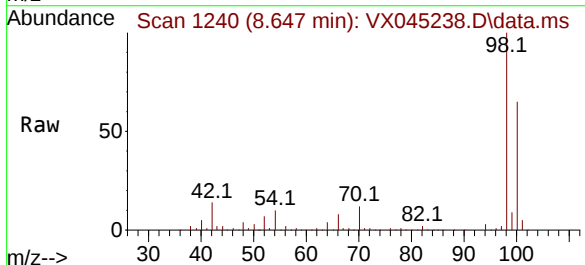
Acq: 12 Mar 2025 10:58

Tgt Ion: 98 Resp: 210656

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

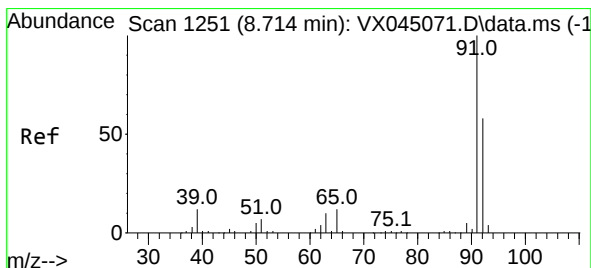
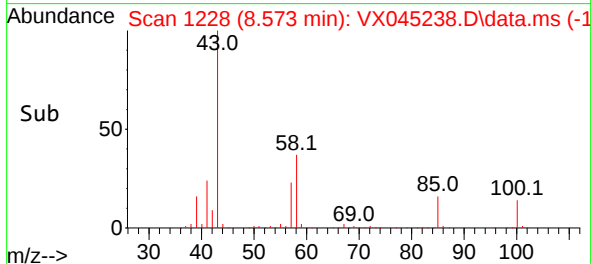
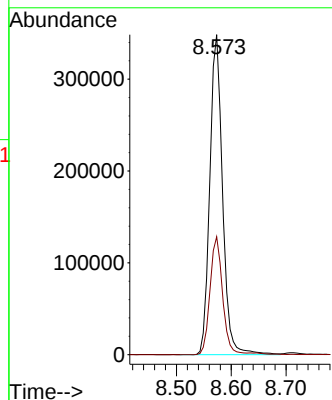
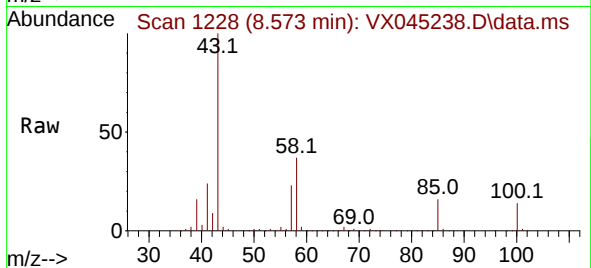




#51
4-Methyl-2-Pentanone
Concen: 267.292 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

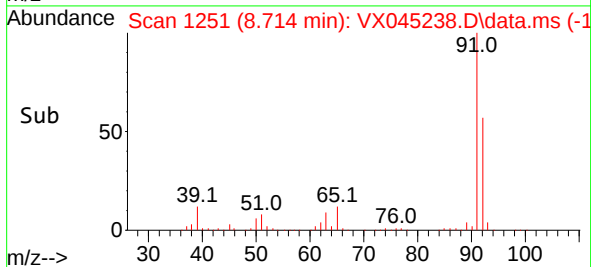
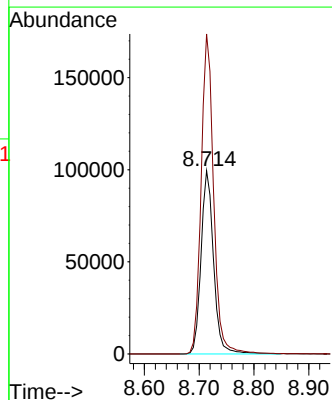
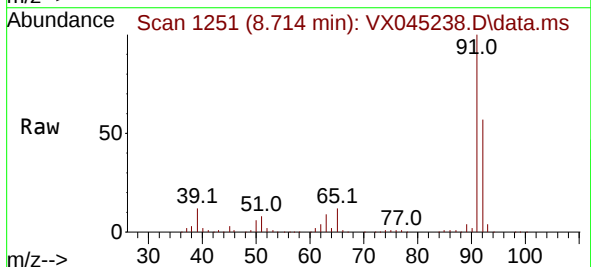
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 560361
Ion Ratio Lower Upper
43 100
58 36.2 29.2 43.8



#52
Toluene
Concen: 52.048 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion: 92 Resp: 158015
Ion Ratio Lower Upper
92 100
91 173.7 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 56.614 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

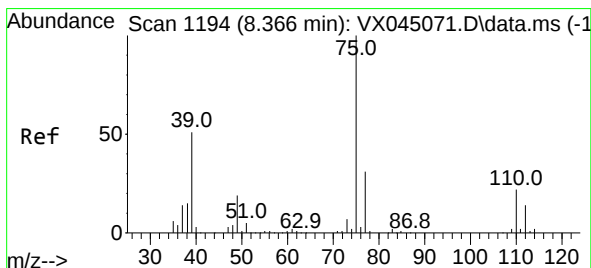
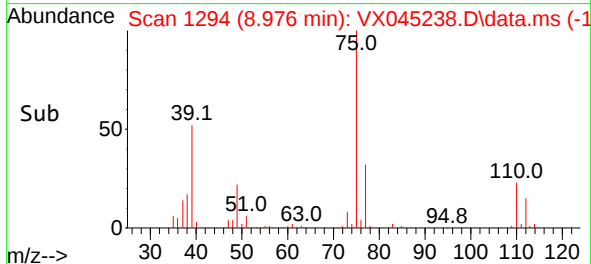
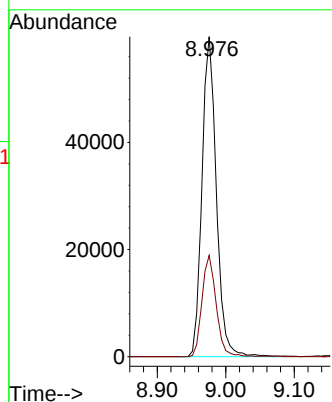
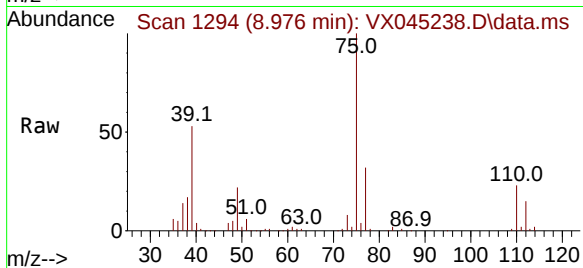
VSTDCCC050

Tgt Ion: 75 Resp: 87297

Ion Ratio Lower Upper

75 100

77 31.7 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 55.619 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

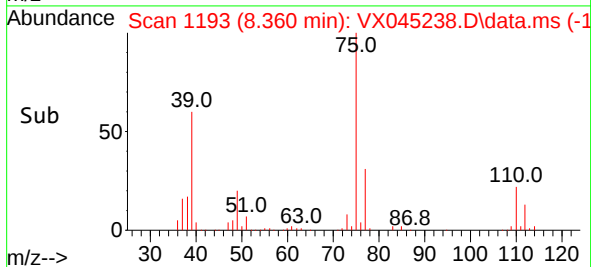
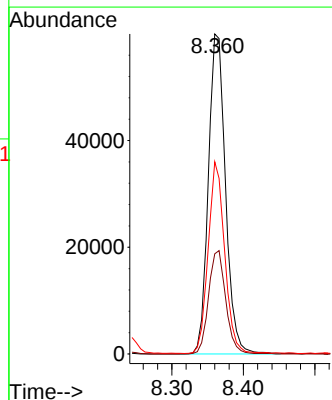
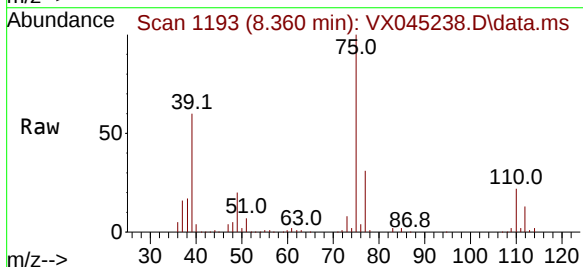
Tgt Ion: 75 Resp: 100008

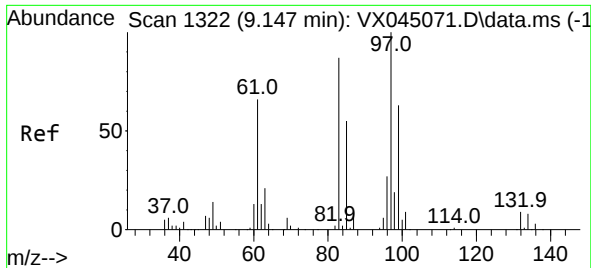
Ion Ratio Lower Upper

75 100

77 31.3 24.7 37.1

39 59.9 40.7 61.1

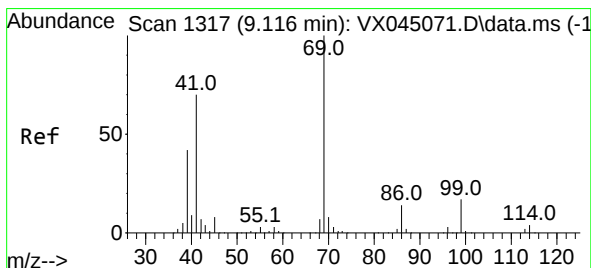
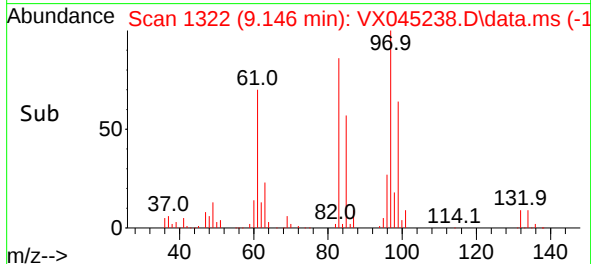
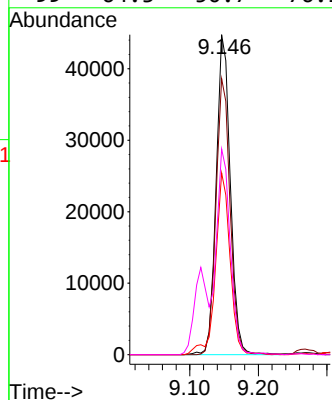
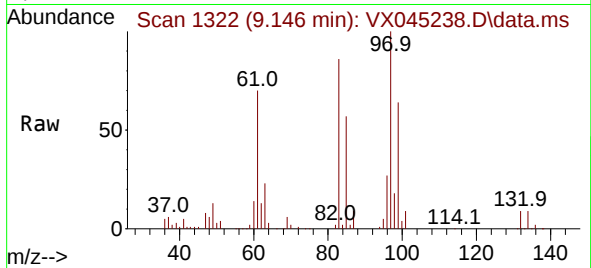




#55
 1,1,2-Trichloroethane
 Concen: 51.433 ug/l
 RT: 9.146 min Scan# 1322
 Delta R.T. -0.000 min
 Lab File: VX045238.D
 Acq: 12 Mar 2025 10:58

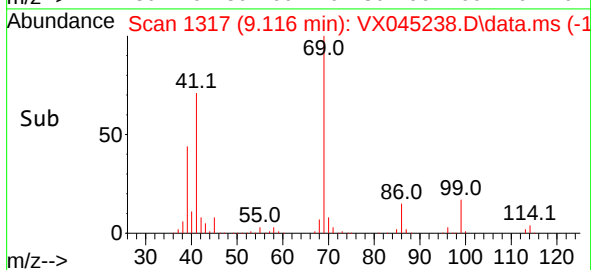
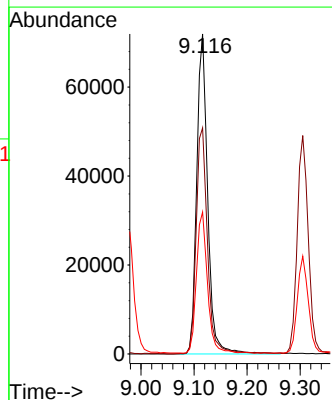
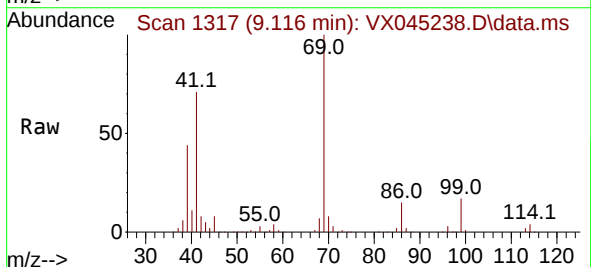
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

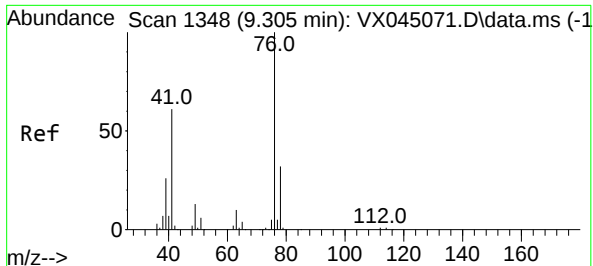
Tgt Ion: 97	Resp: 64282
Ion Ratio	Lower Upper
97 100	
83 86.2	69.4 104.2
85 56.8	44.1 66.1
99 64.3	50.7 76.1



#56
 Ethyl methacrylate
 Concen: 54.295 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VX045238.D
 Acq: 12 Mar 2025 10:58

Tgt Ion: 69	Resp: 103151
Ion Ratio	Lower Upper
69 100	
41 73.1	57.0 85.4
39 44.4	34.2 51.4





#57

1,3-Dichloropropane

Concen: 51.088 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

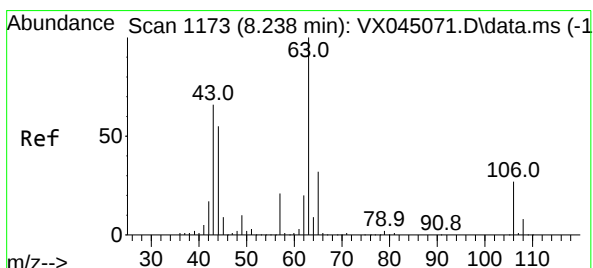
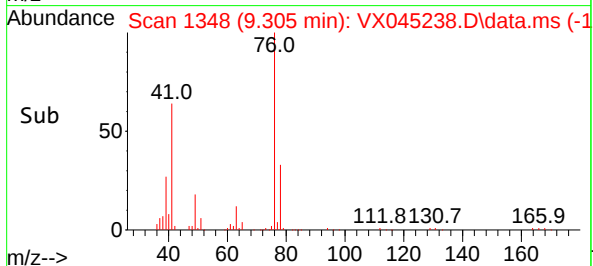
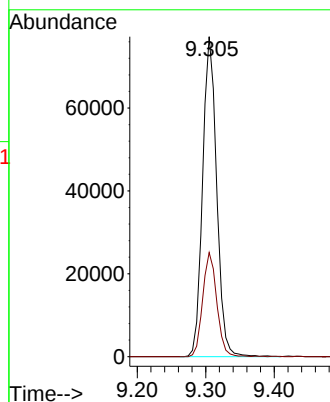
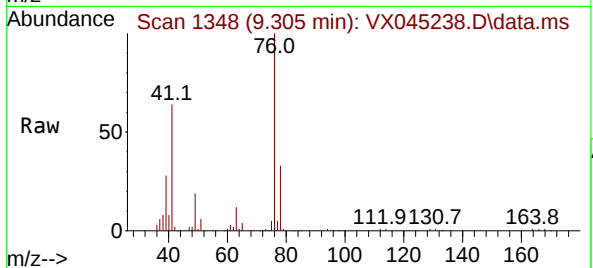
VSTDCCC050

Tgt Ion: 76 Resp: 110498

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 272.503 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045238.D

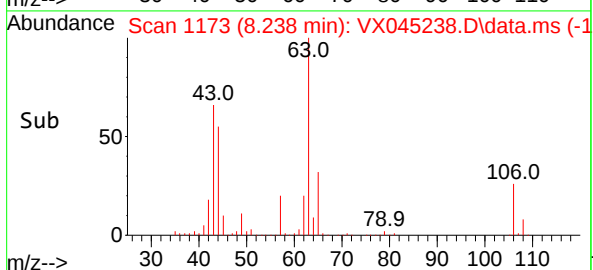
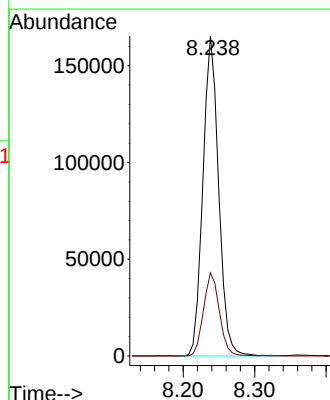
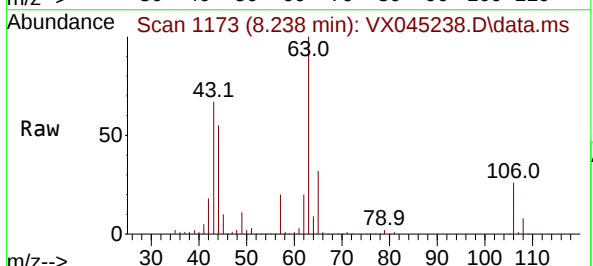
Acq: 12 Mar 2025 10:58

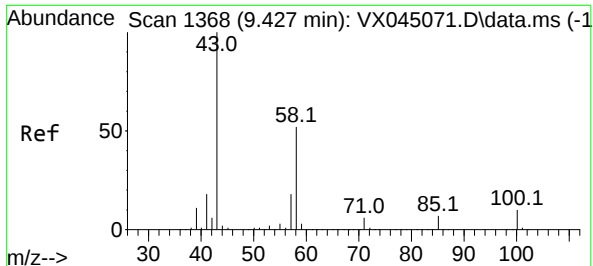
Tgt Ion: 63 Resp: 252540

Ion Ratio Lower Upper

63 100

106 26.3 21.5 32.3





#59

2-Hexanone

Concen: 264.714 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

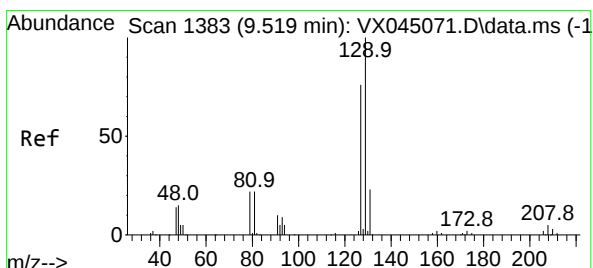
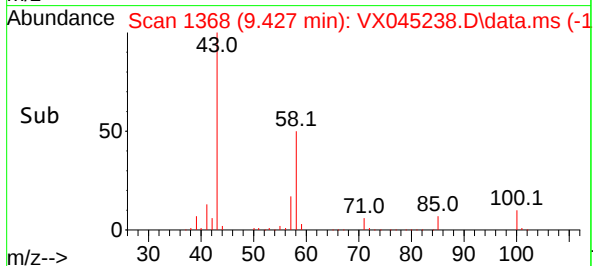
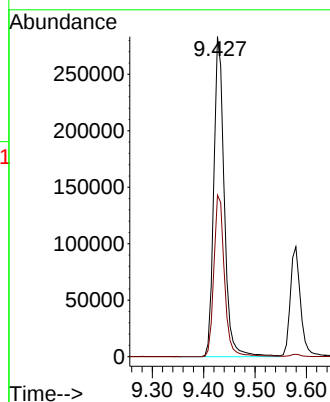
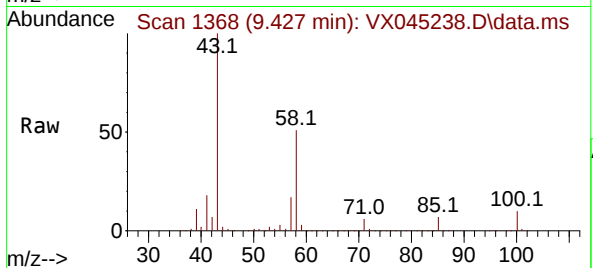
VSTDCCC050

Tgt Ion: 43 Resp: 402089

Ion Ratio Lower Upper

43 100

58 51.3 25.9 77.6



#60

Dibromochloromethane

Concen: 53.657 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX045238.D

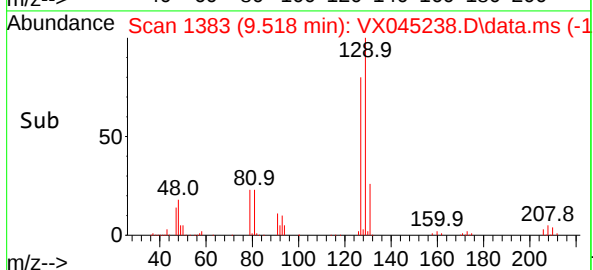
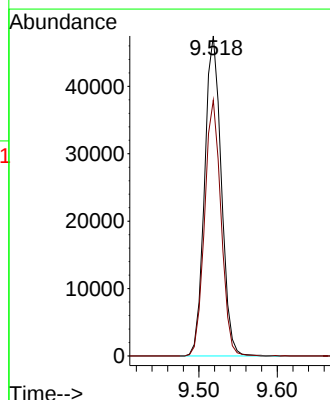
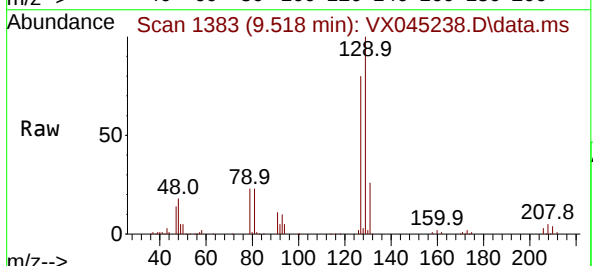
Acq: 12 Mar 2025 10:58

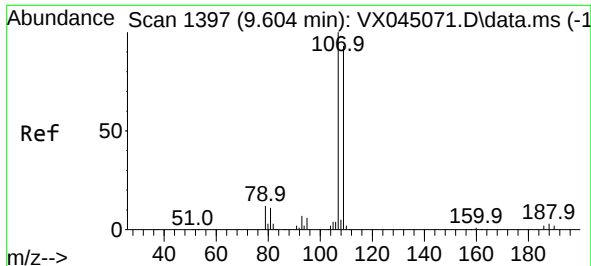
Tgt Ion: 129 Resp: 70119

Ion Ratio Lower Upper

129 100

127 78.4 38.5 115.5

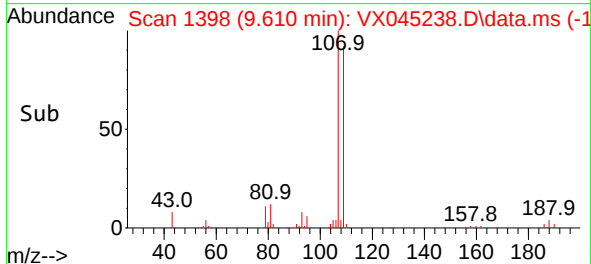
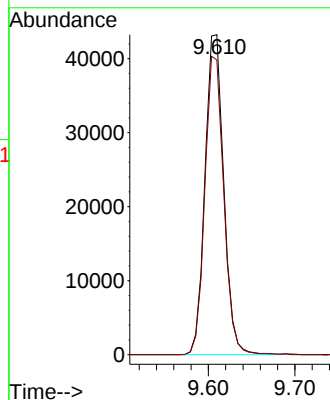
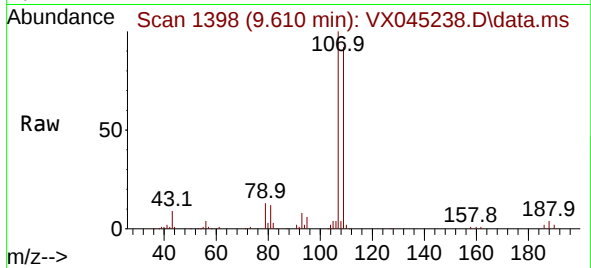




#61
1,2-Dibromoethane
Concen: 52.253 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

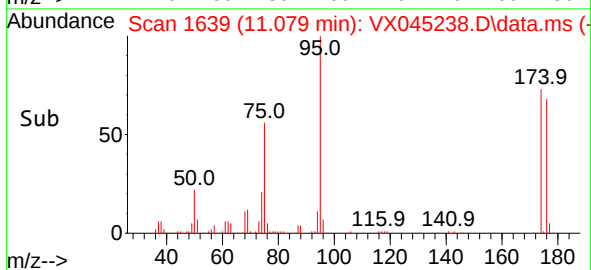
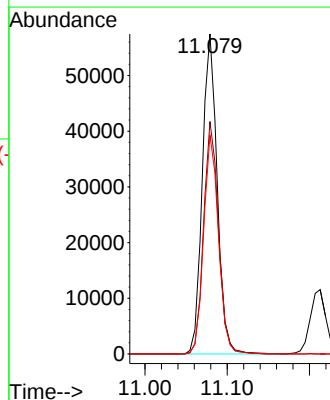
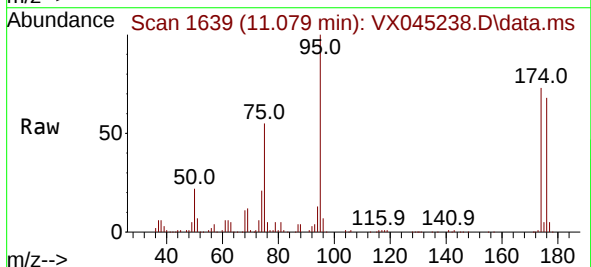
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

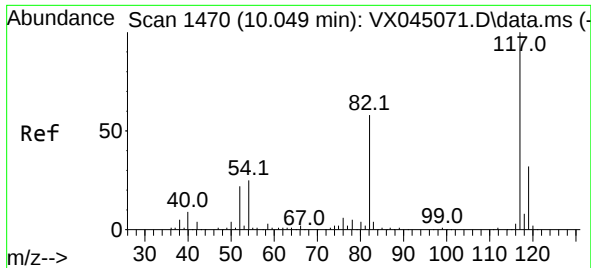
Tgt Ion:107 Resp: 65196
Ion Ratio Lower Upper
107 100
109 93.6 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 50.383 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion: 95 Resp: 72321
Ion Ratio Lower Upper
95 100
174 72.7 0.0 148.2
176 68.3 0.0 141.4

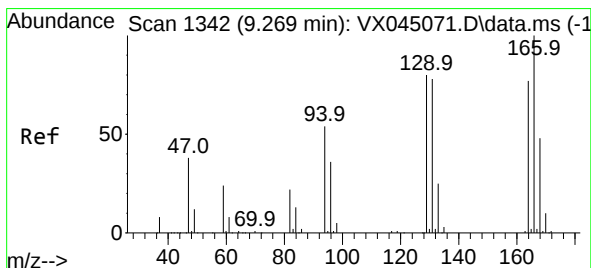
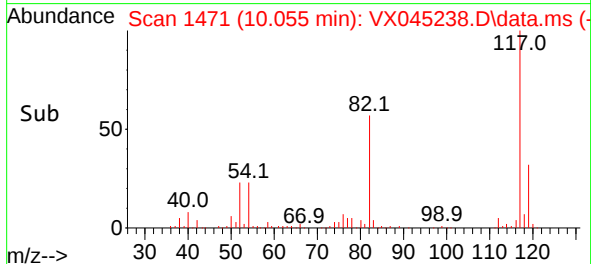
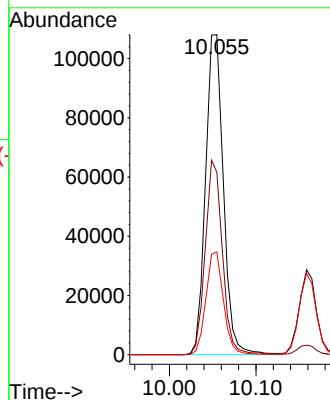
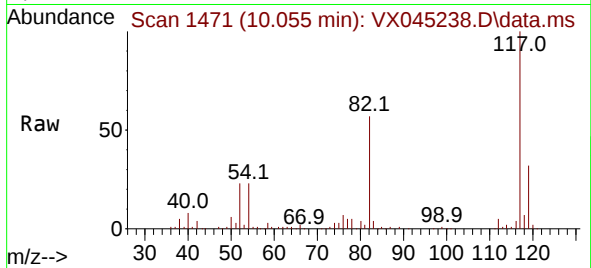




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

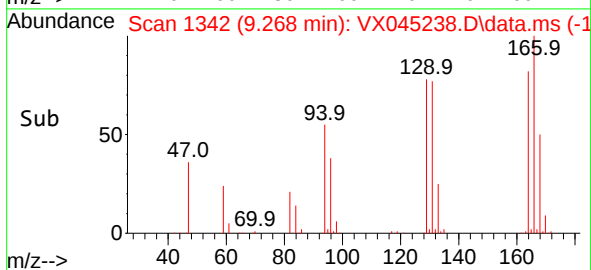
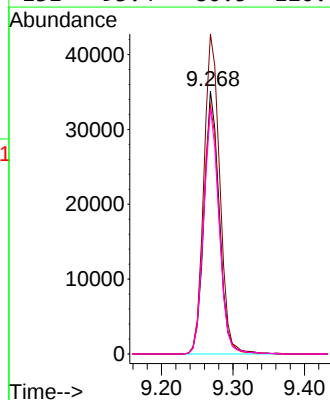
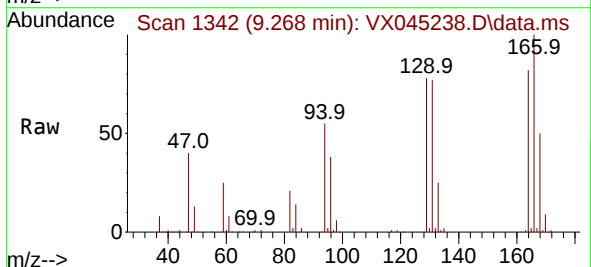
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

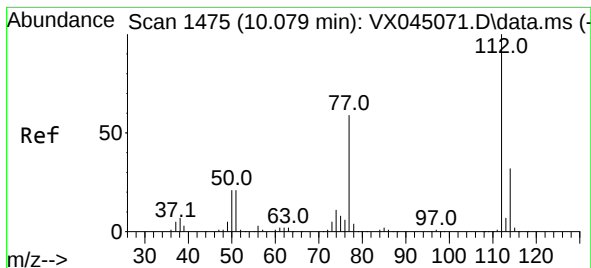
Tgt Ion:117 Resp: 155011
Ion Ratio Lower Upper
117 100
82 57.0 46.3 69.5
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 52.291 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion:164 Resp: 51914
Ion Ratio Lower Upper
164 100
166 121.7 103.6 155.4
129 94.7 82.7 124.1
131 93.4 80.5 120.7

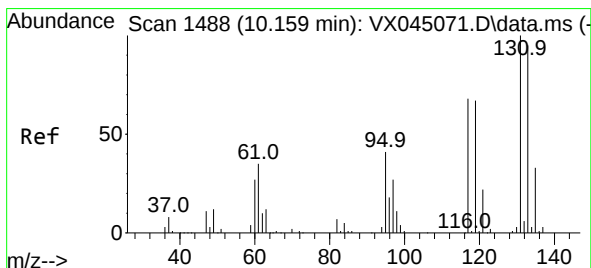
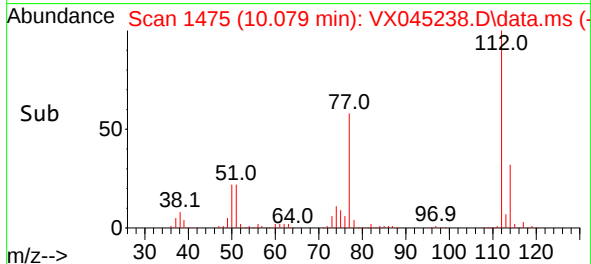
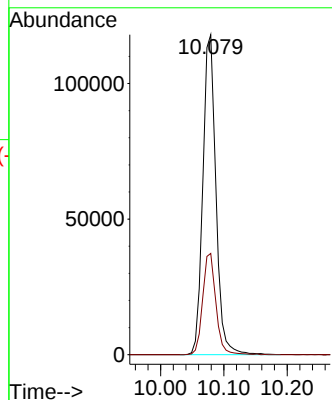
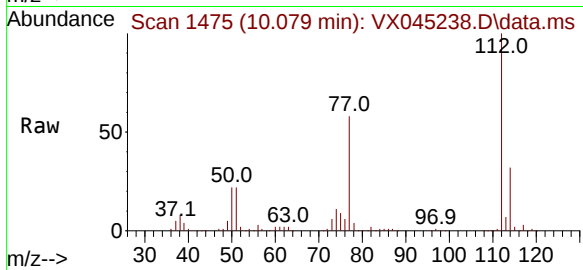




#65
Chlorobenzene
Concen: 51.896 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

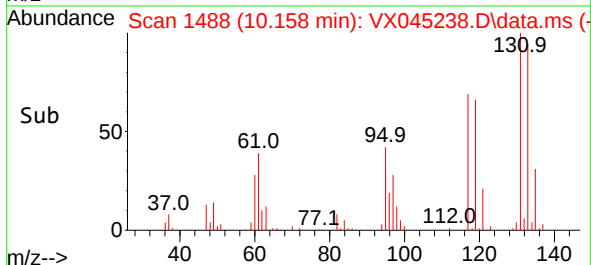
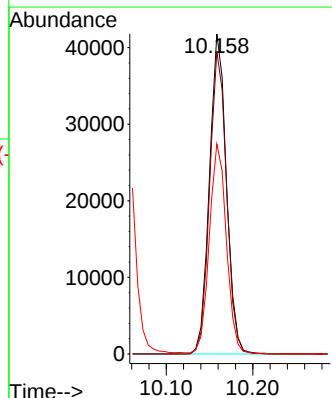
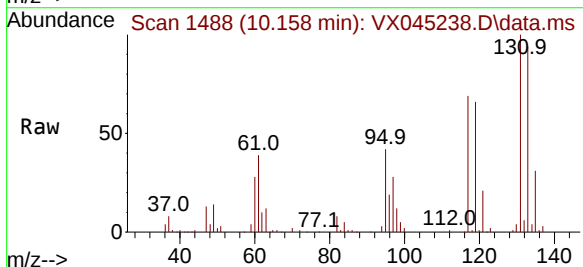
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

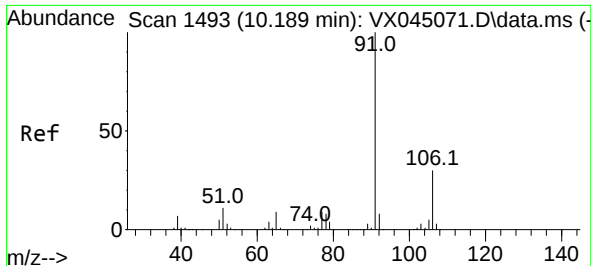
Tgt Ion:112 Resp: 170219
Ion Ratio Lower Upper
112 100
114 31.7 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.065 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion:131 Resp: 56871
Ion Ratio Lower Upper
131 100
133 94.1 48.6 145.9
119 66.1 33.9 101.7





#67

Ethyl Benzene

Concen: 53.404 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

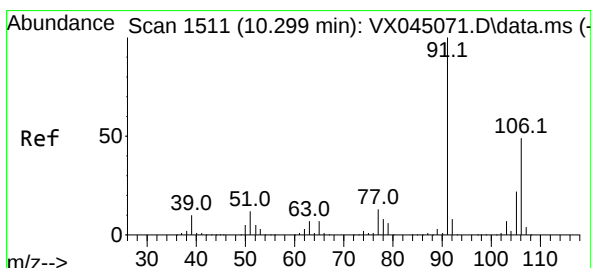
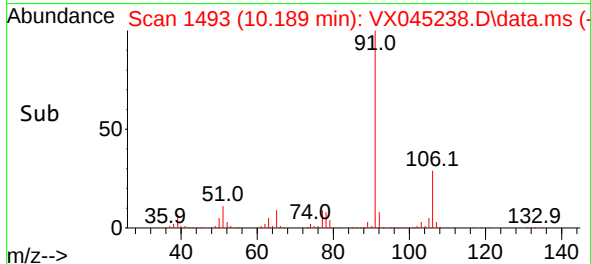
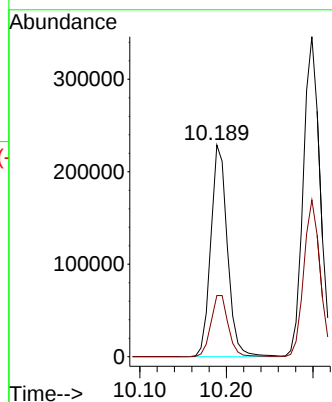
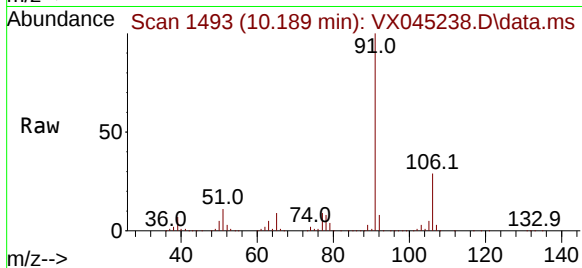
VSTDCCC050

Tgt Ion: 91 Resp: 305213

Ion Ratio Lower Upper

91 100

106 28.9 23.9 35.9



#68

m/p-Xylenes

Concen: 108.086 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX045238.D

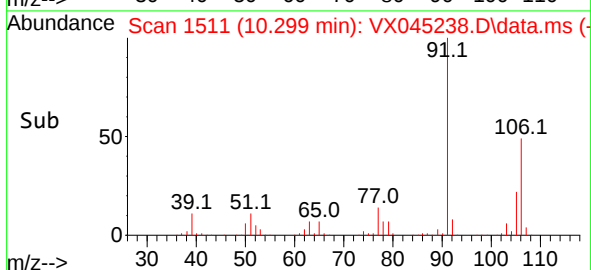
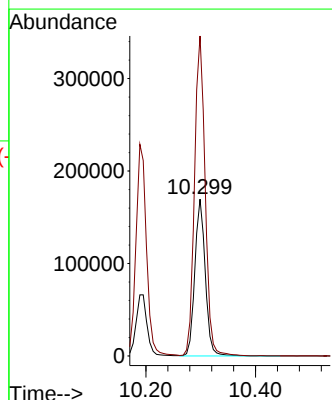
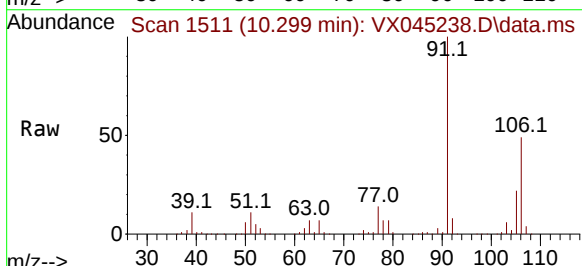
Acq: 12 Mar 2025 10:58

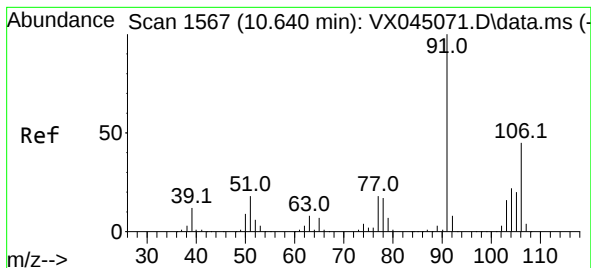
Tgt Ion:106 Resp: 226136

Ion Ratio Lower Upper

106 100

91 207.4 165.4 248.0

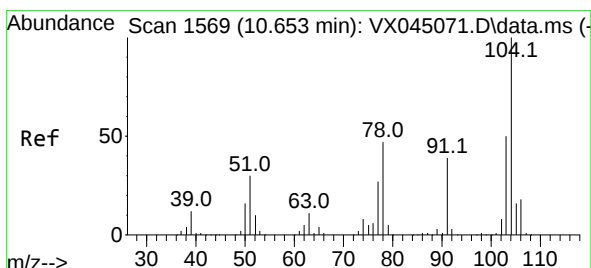
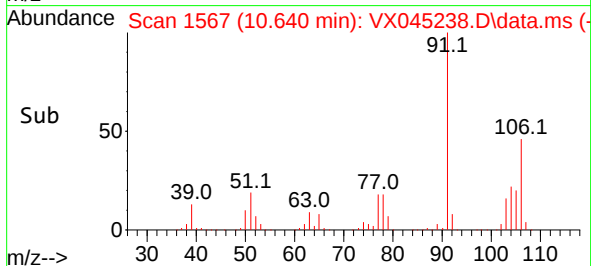
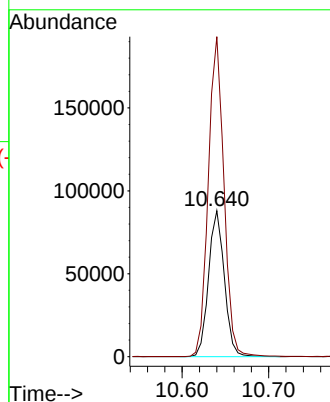
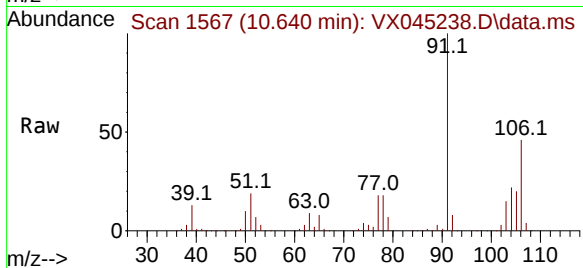




#69
o-Xylene
Concen: 52.821 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

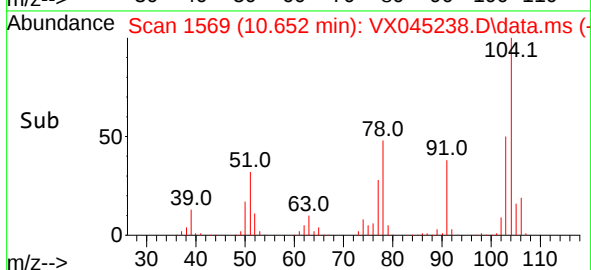
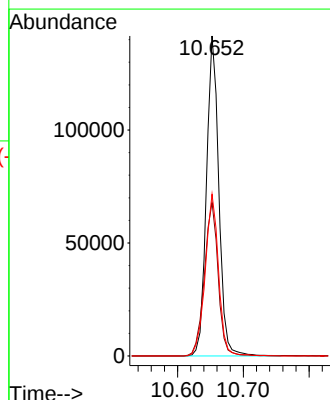
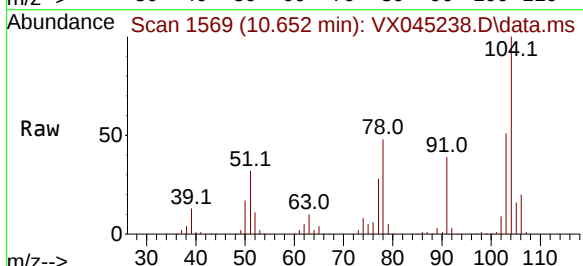
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 111458
Ion Ratio Lower Upper
106 100
91 217.3 109.9 329.6



#70
Styrene
Concen: 54.206 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion:104 Resp: 185074
Ion Ratio Lower Upper
104 100
78 53.6 42.2 63.4
103 54.8 43.8 65.8





#71

Bromoform

Concen: 52.915 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

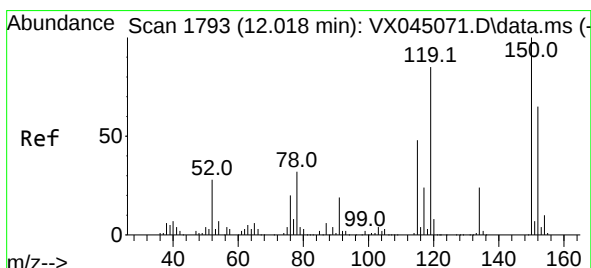
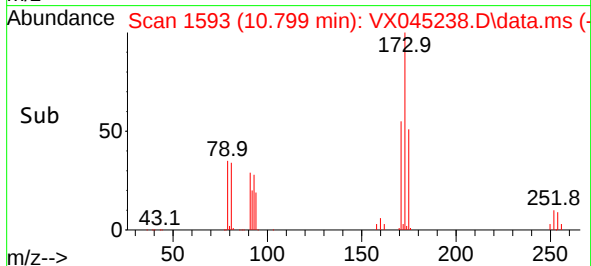
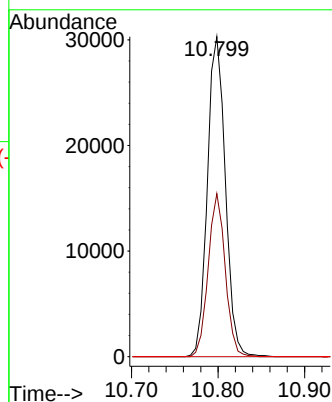
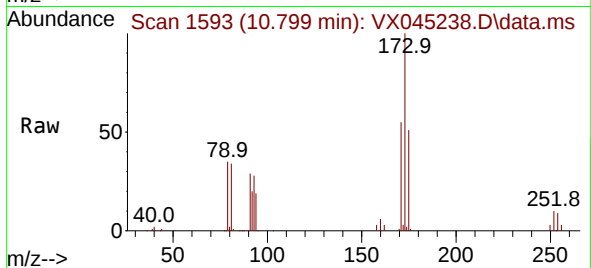
Tgt Ion:173 Resp: 43586

Ion Ratio Lower Upper

173 100

175 48.4 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: VX045238.D

Acq: 12 Mar 2025 10:58

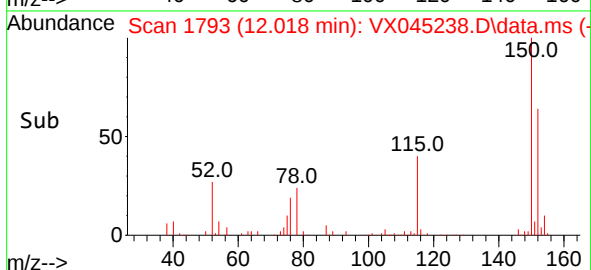
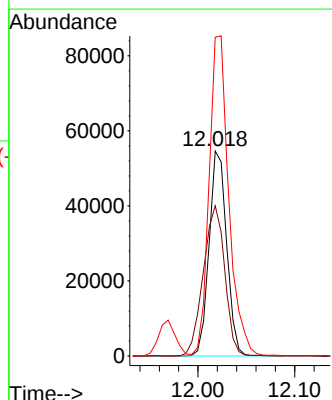
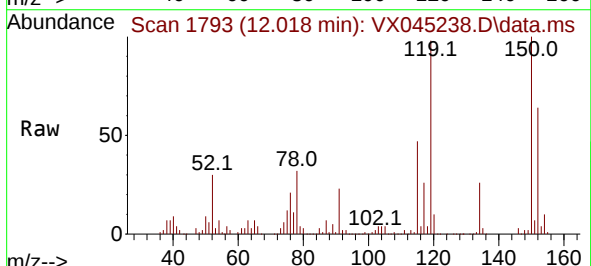
Tgt Ion:152 Resp: 69105

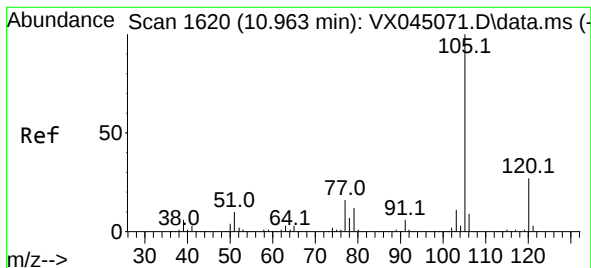
Ion Ratio Lower Upper

152 100

115 89.5 44.2 132.6

150 174.2 0.0 349.0





#73

Isopropylbenzene

Concen: 53.664 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

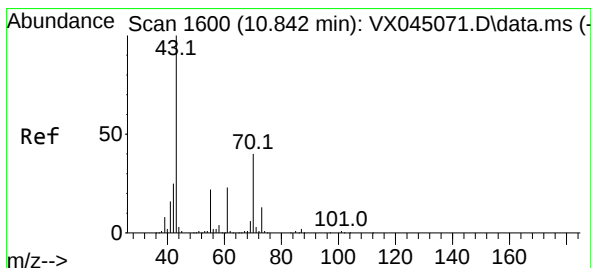
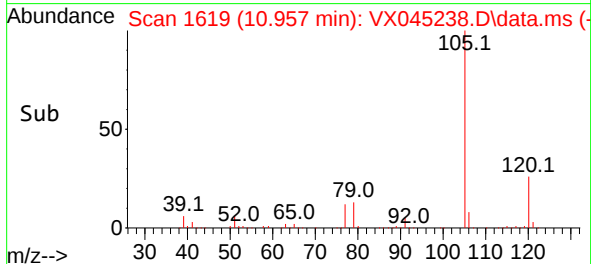
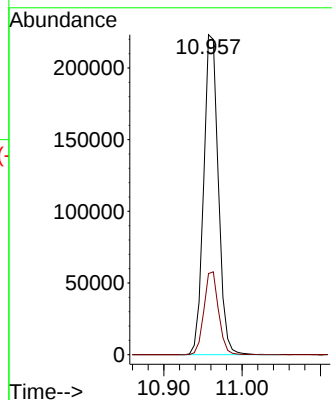
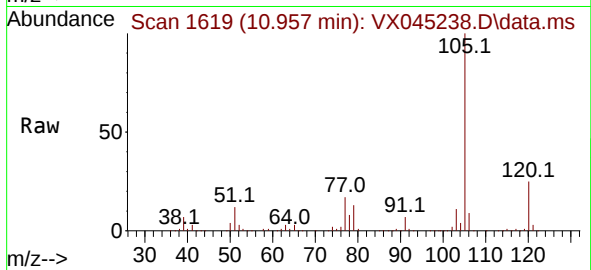
VSTDCCC050

Tgt Ion:105 Resp: 289454

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.5



#74

N-ethyl acetate

Concen: 53.623 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Tgt Ion: 43 Resp: 135717

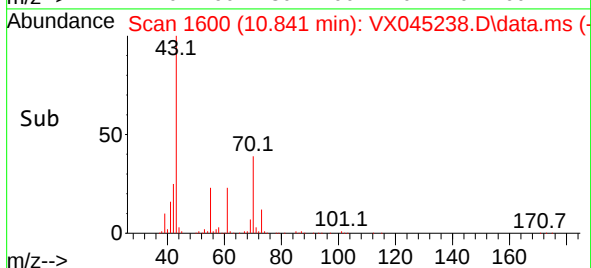
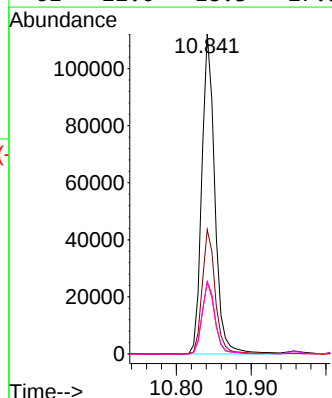
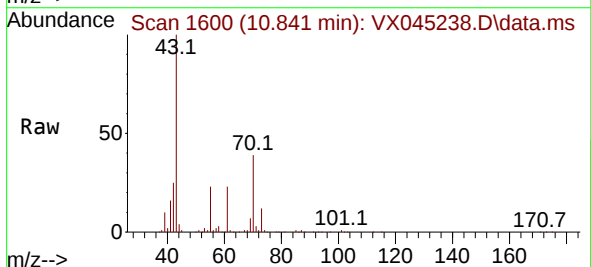
Ion Ratio Lower Upper

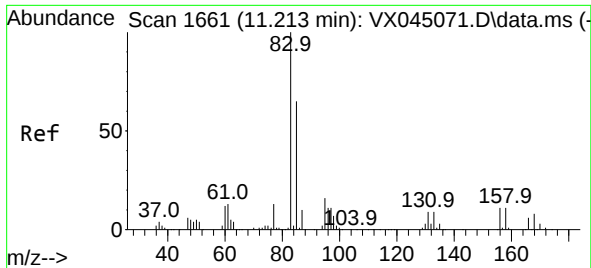
43 100

70 38.7 31.8 47.6

55 23.0 18.3 27.5

61 22.0 18.3 27.5

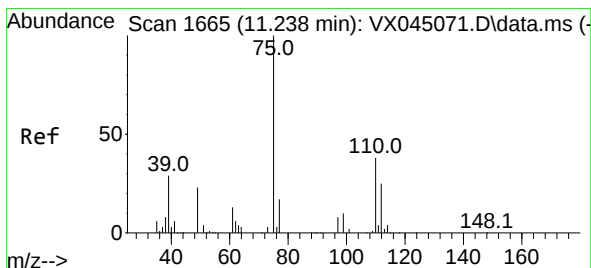
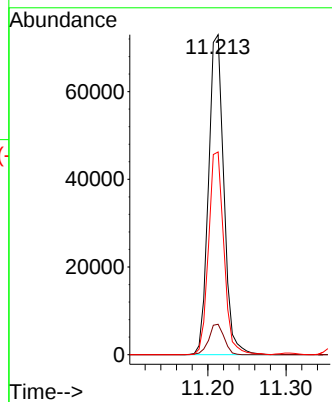
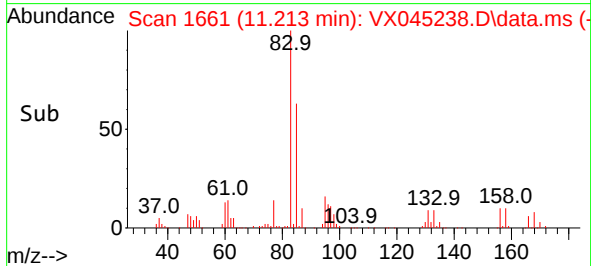
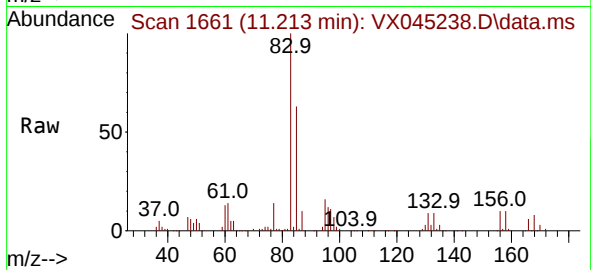




#75
1,1,2,2-Tetrachloroethane
Concen: 49.915 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

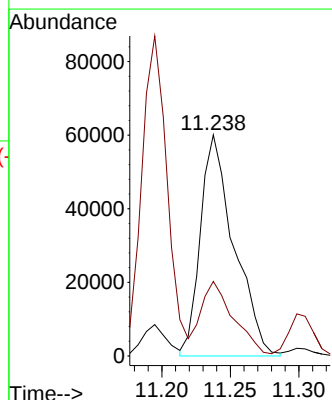
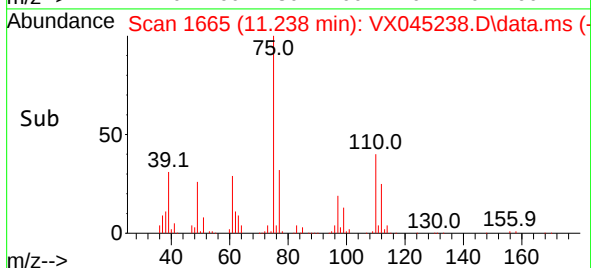
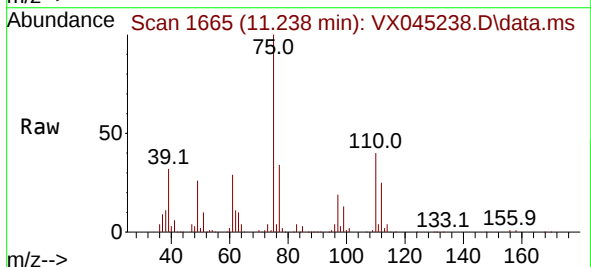
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

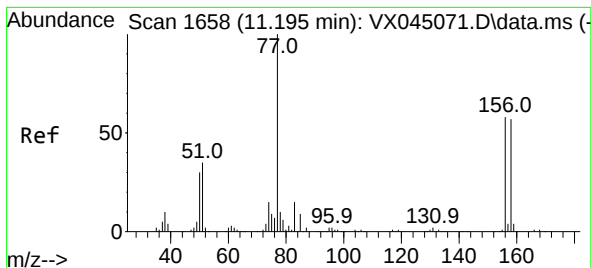
Tgt Ion:	83	Resp:	98799
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.5	13.4
85	63.4	31.7	95.1



#76
1,2,3-Trichloropropane
Concen: 63.953 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion:	75	Resp:	102863
Ion	Ratio	Lower	Upper
75	100		
77	32.9	20.7	62.1





#77

Bromobenzene

Concen: 49.867 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

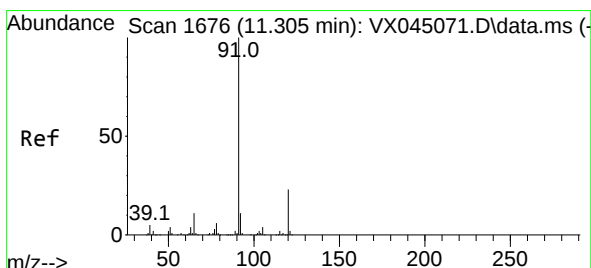
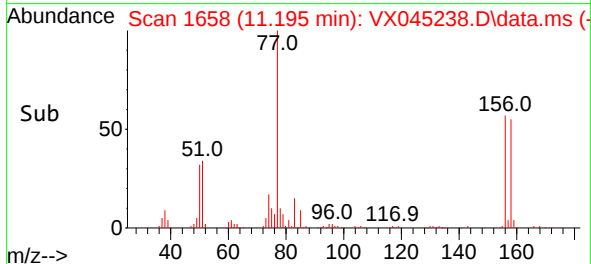
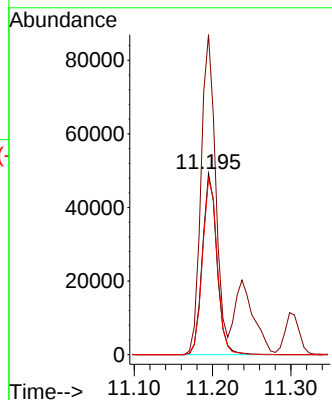
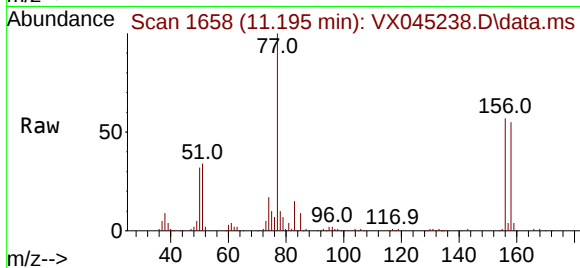
Tgt Ion:156 Resp: 63463

Ion Ratio Lower Upper

156 100

77 177.6 85.8 257.4

158 98.9 48.4 145.2



#78

n-propylbenzene

Concen: 55.677 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX045238.D

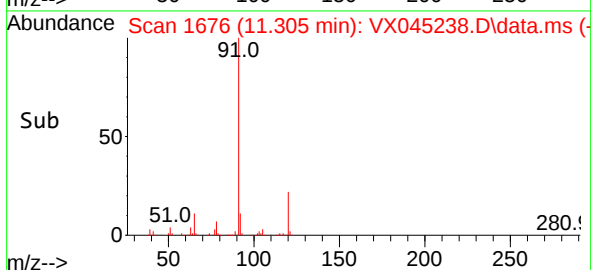
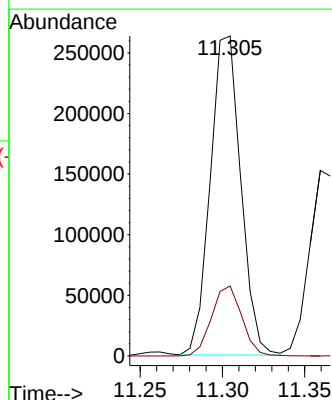
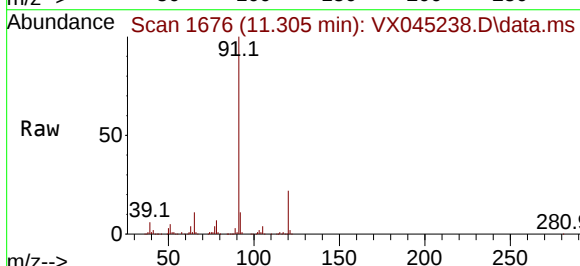
Acq: 12 Mar 2025 10:58

Tgt Ion: 91 Resp: 339244

Ion Ratio Lower Upper

91 100

120 21.8 11.2 33.6

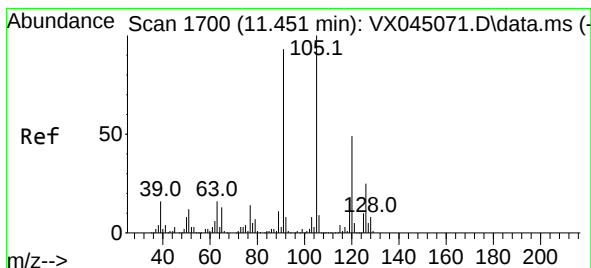
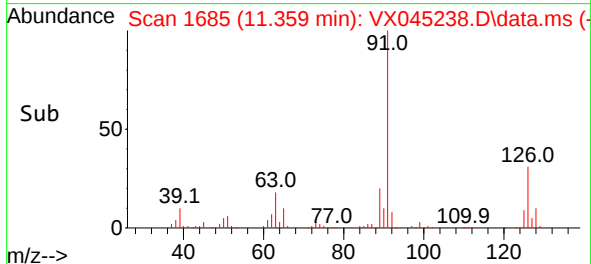
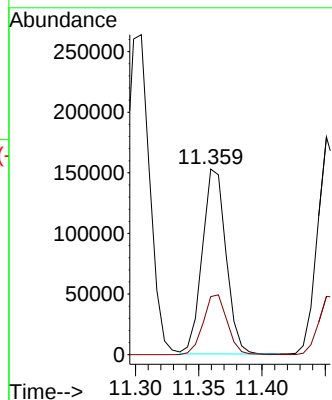
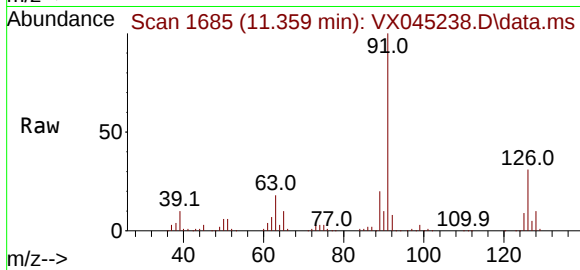




#79
2-Chlorotoluene
Concen: 51.445 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

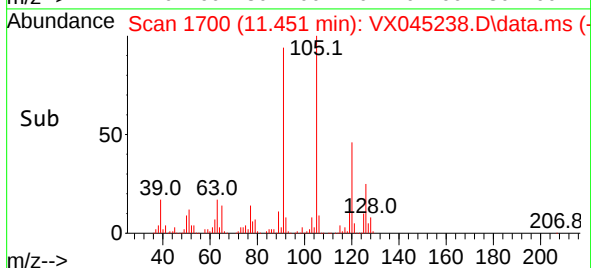
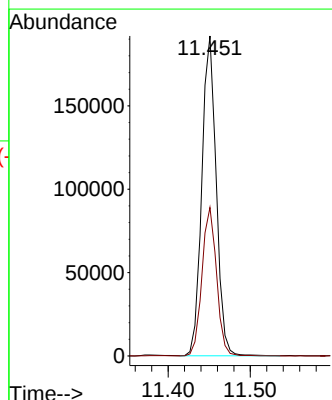
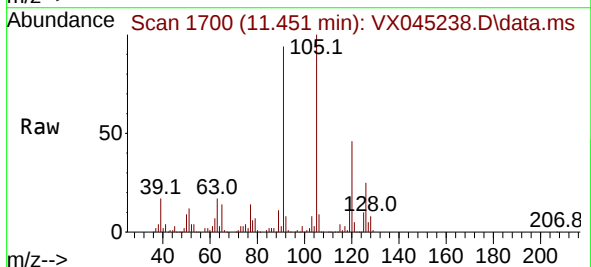
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

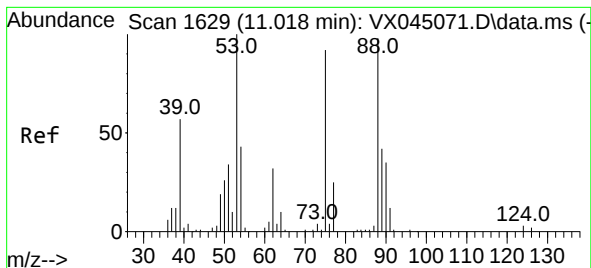
Tgt Ion: 91 Resp: 199628
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 53.635 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion: 105 Resp: 233921
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.2

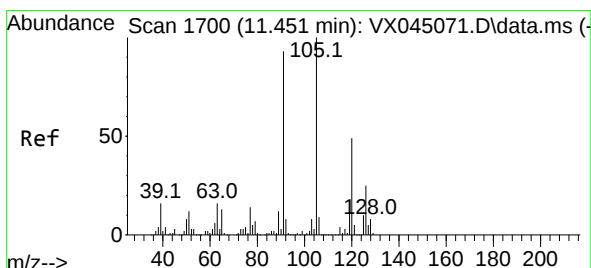
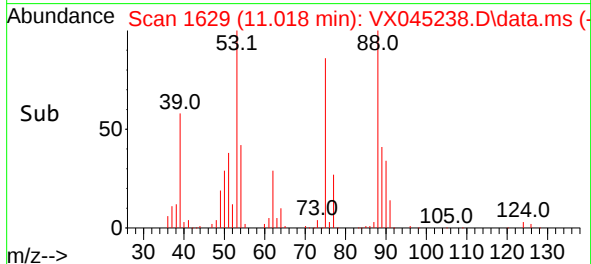
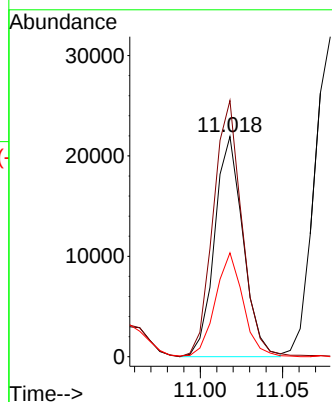
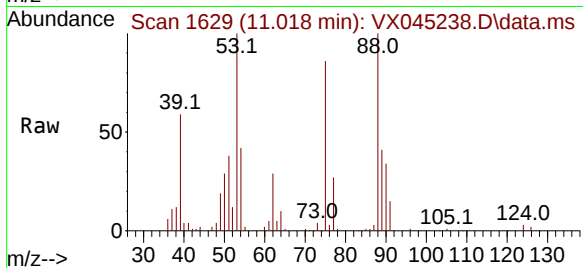




#81
trans-1,4-Dichloro-2-butene
Concen: 56.234 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

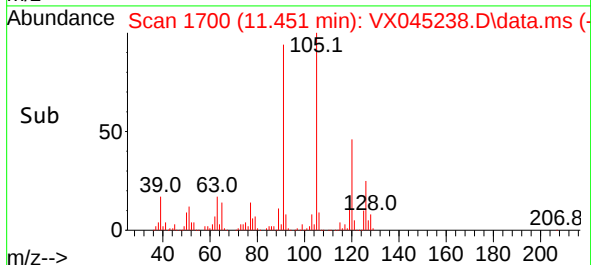
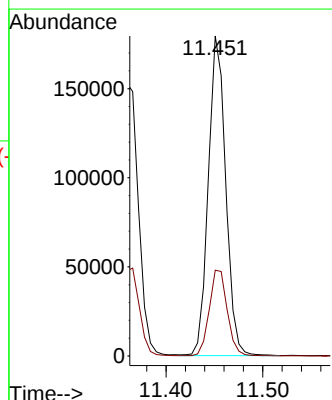
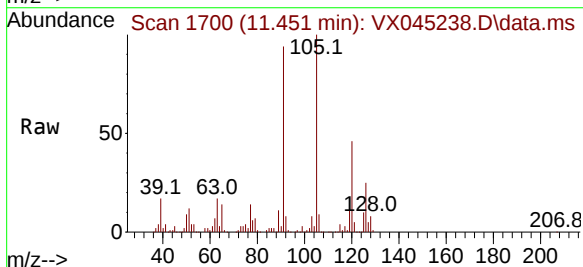
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

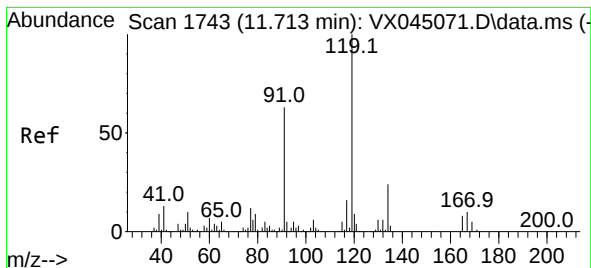
Tgt Ion: 75 Resp: 26430
Ion Ratio Lower Upper
75 100
53 117.6 88.5 132.7
89 45.8 36.2 54.4



#82
4-Chlorotoluene
Concen: 53.131 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion: 91 Resp: 224700
Ion Ratio Lower Upper
91 100
126 27.8 14.1 42.4





#83

tert-Butylbenzene

Concen: 52.418 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

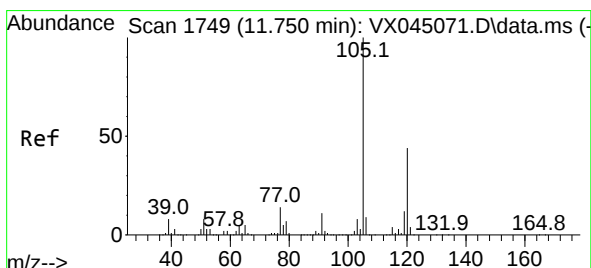
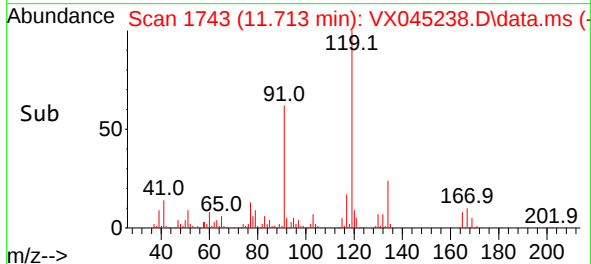
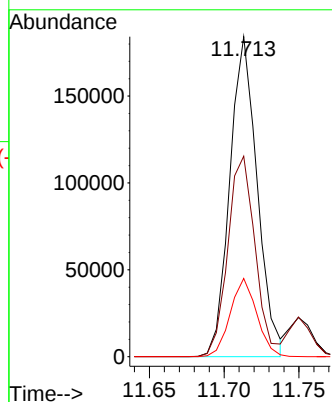
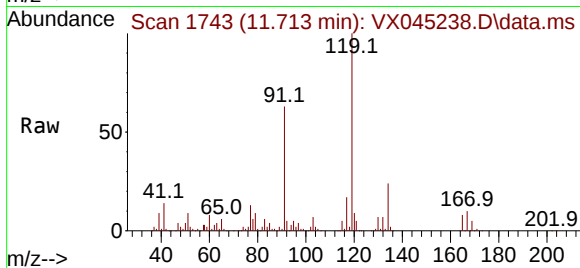
Tgt Ion:119 Resp: 234893

Ion Ratio Lower Upper

119 100

91 62.7 30.7 92.1

134 23.7 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 53.059 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX045238.D

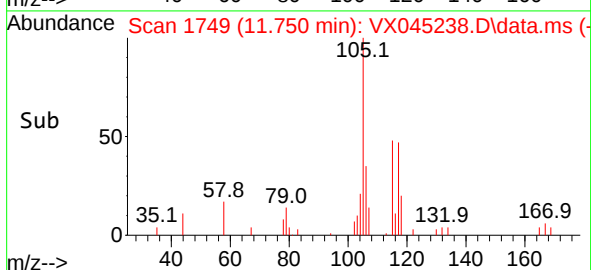
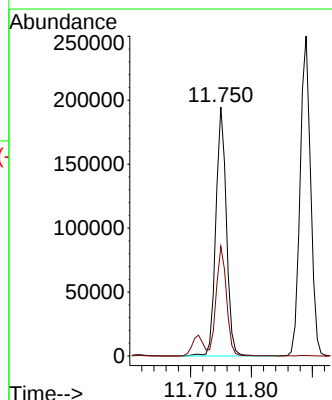
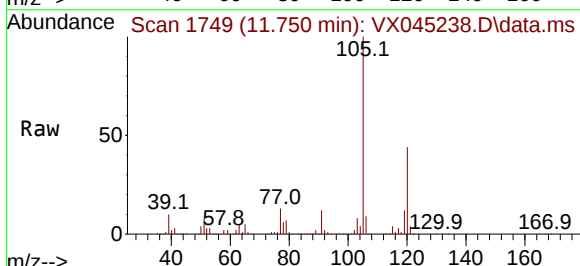
Acq: 12 Mar 2025 10:58

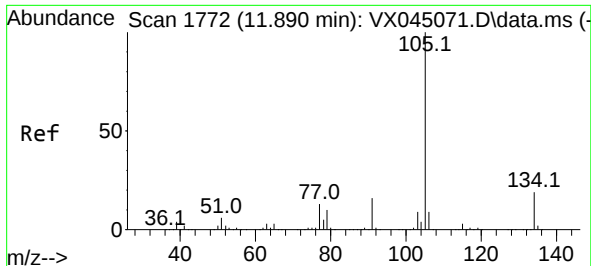
Tgt Ion:105 Resp: 232840

Ion Ratio Lower Upper

105 100

120 43.6 22.1 66.1

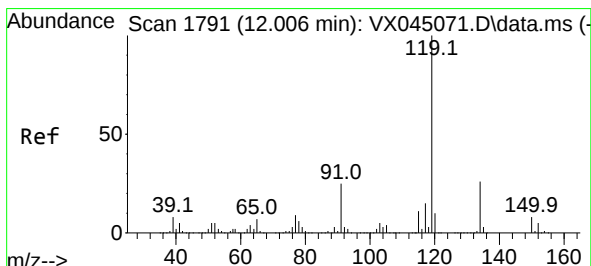
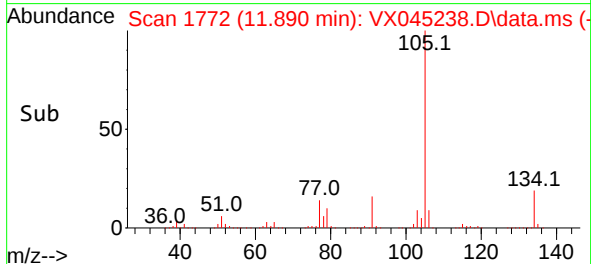
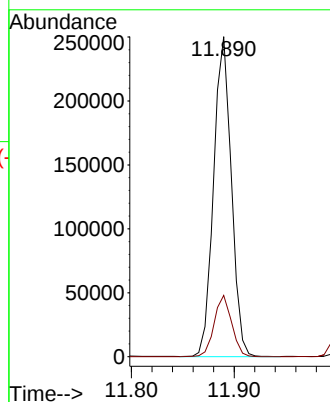
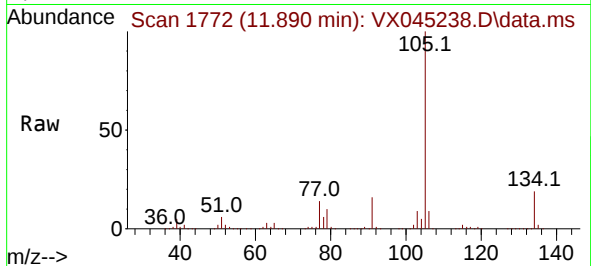




#85
sec-Butylbenzene
Concen: 55.757 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

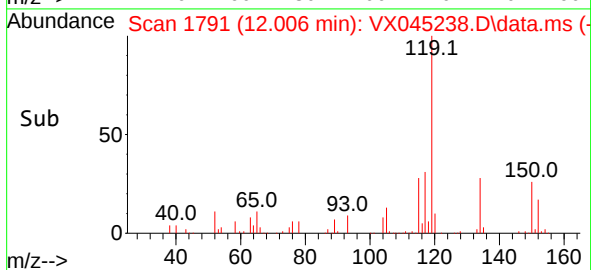
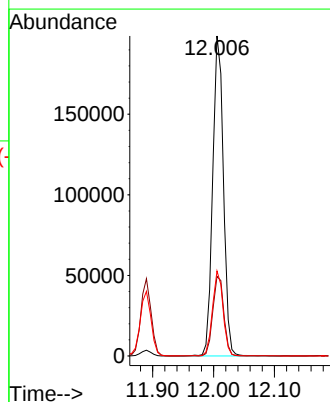
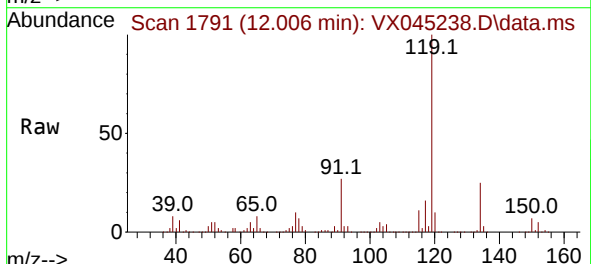
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

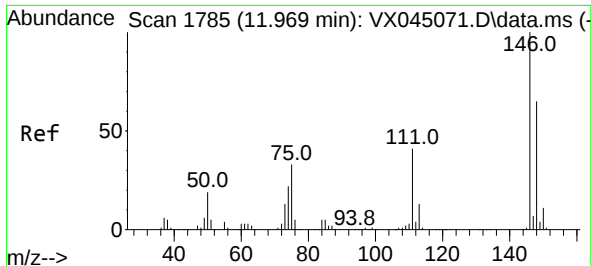
Tgt Ion:105 Resp: 299296
Ion Ratio Lower Upper
105 100
134 18.9 9.8 29.4



#86
p-Isopropyltoluene
Concen: 55.906 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion:119 Resp: 242520
Ion Ratio Lower Upper
119 100
134 25.5 12.9 38.6
91 26.0 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 52.316 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

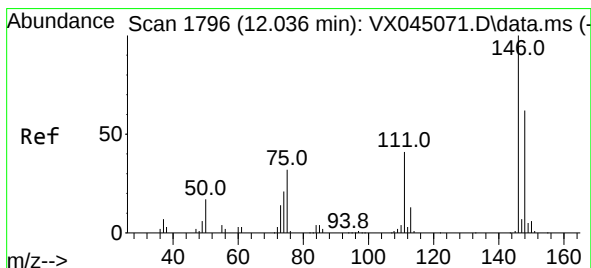
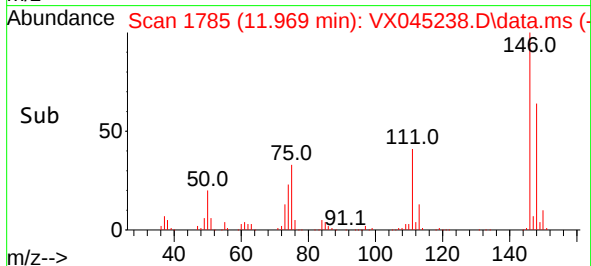
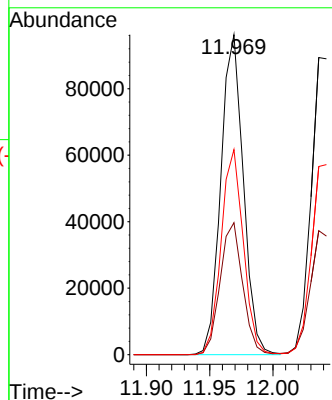
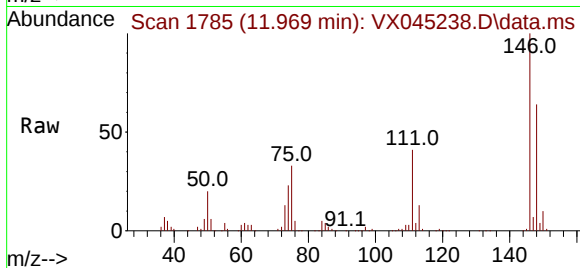
Tgt Ion:146 Resp: 118773

Ion Ratio Lower Upper

146 100

111 41.5 21.1 63.4

148 63.3 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 50.124 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

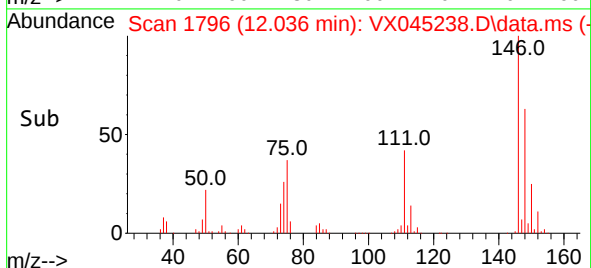
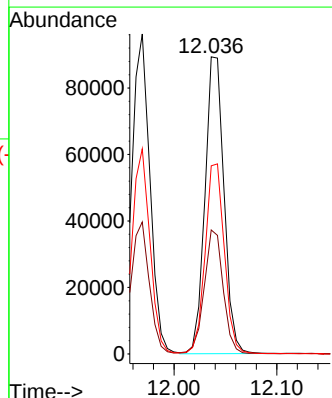
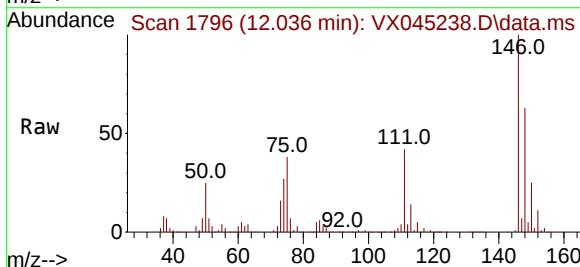
Tgt Ion:146 Resp: 115129

Ion Ratio Lower Upper

146 100

111 41.8 20.2 60.5

148 65.2 31.9 95.9





#89

n-Butylbenzene

Concen: 59.564 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

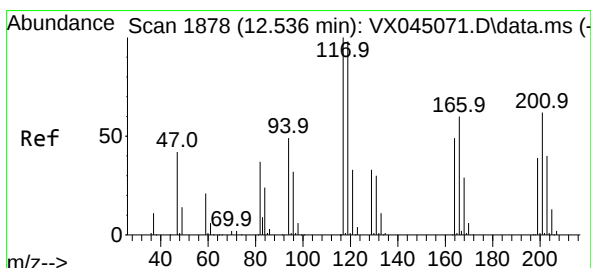
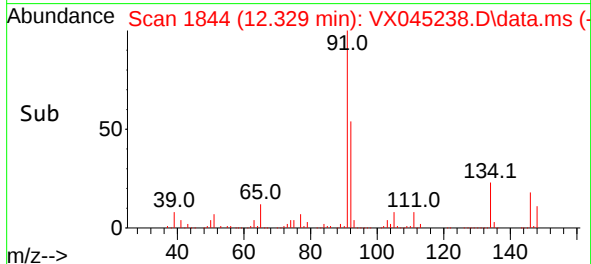
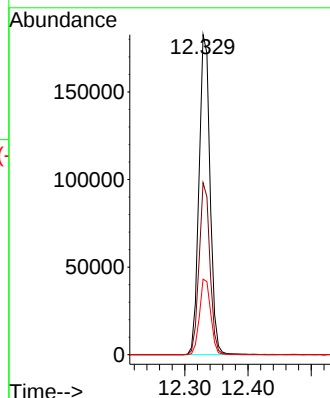
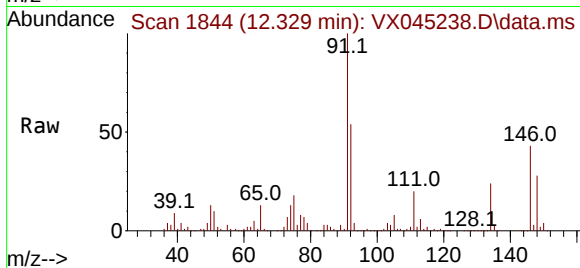
Tgt Ion: 91 Resp: 222544

Ion Ratio Lower Upper

91 100

92 52.9 26.7 80.0

134 23.9 12.2 36.6



#90

Hexachloroethane

Concen: 52.836 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045238.D

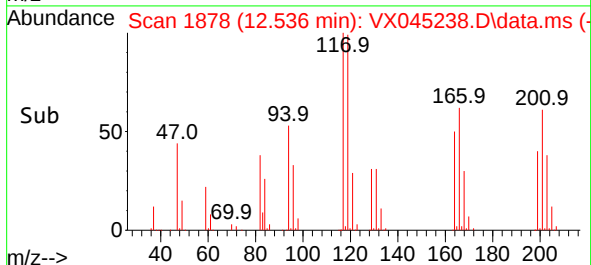
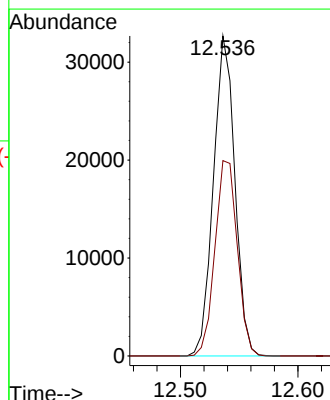
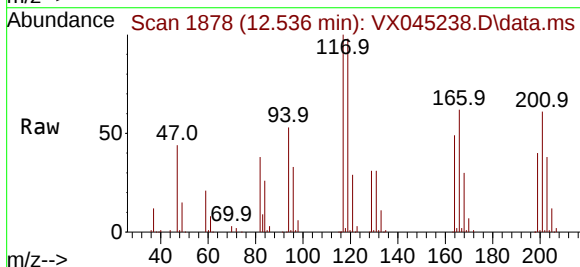
Acq: 12 Mar 2025 10:58

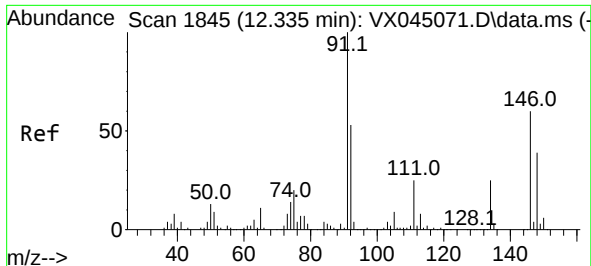
Tgt Ion: 117 Resp: 41457

Ion Ratio Lower Upper

117 100

201 63.8 31.9 95.9

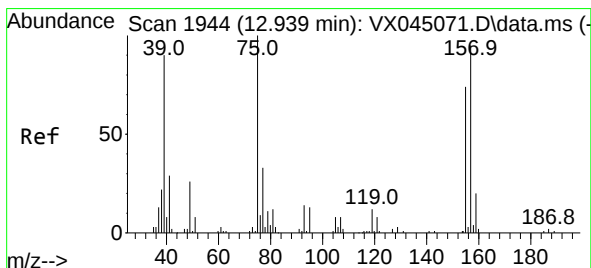
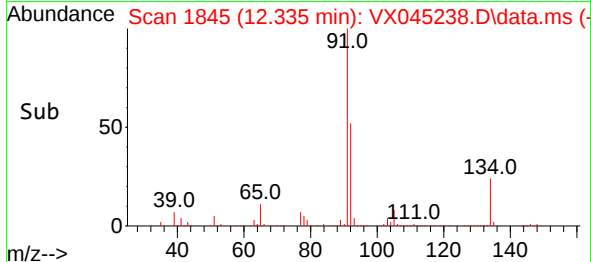
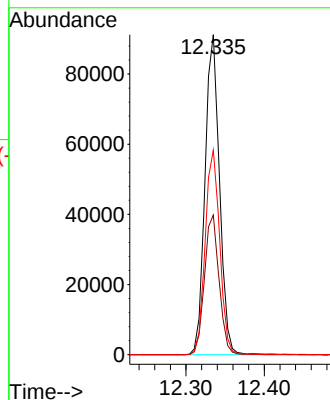
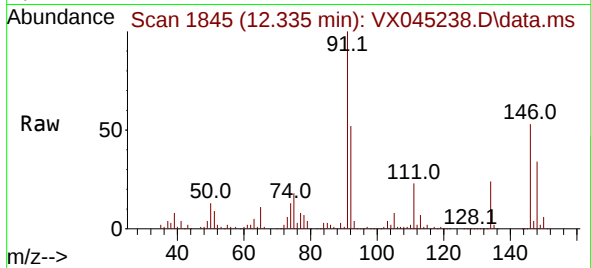




#91
1,2-Dichlorobenzene
Concen: 51.320 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

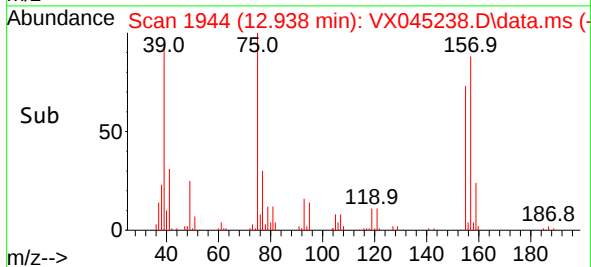
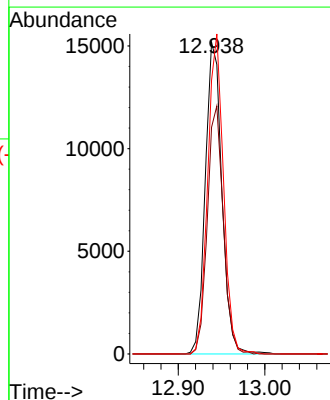
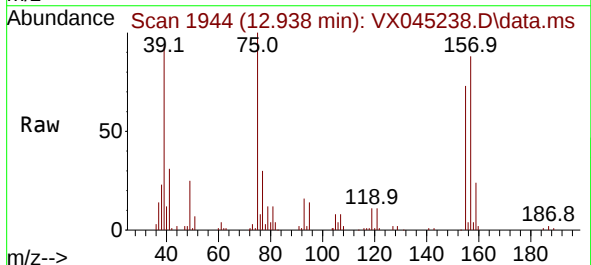
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

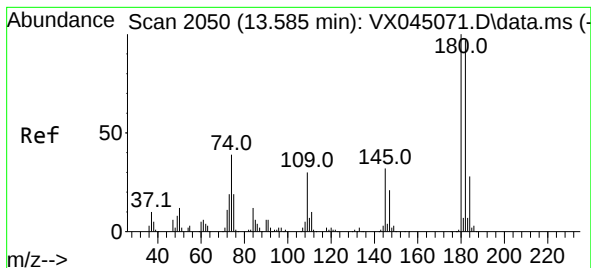
Tgt Ion:146 Resp: 116879
Ion Ratio Lower Upper
146 100
111 44.1 21.6 65.0
148 64.3 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.348 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045238.D
Acq: 12 Mar 2025 10:58

Tgt Ion: 75 Resp: 20186
Ion Ratio Lower Upper
75 100
155 76.7 39.6 118.7
157 97.1 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 54.915 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

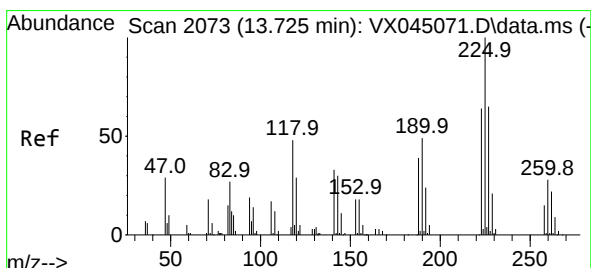
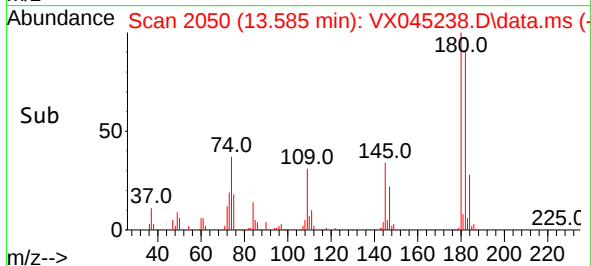
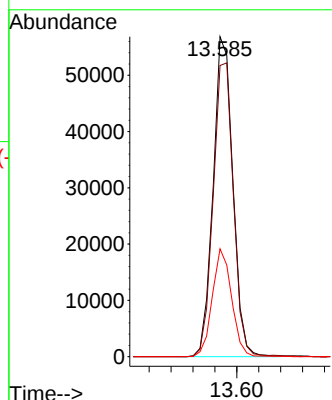
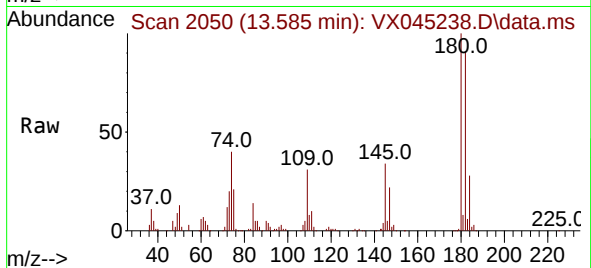
Tgt Ion:180 Resp: 71214

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 33.0 16.3 48.9



#94

Hexachlorobutadiene

Concen: 55.774 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

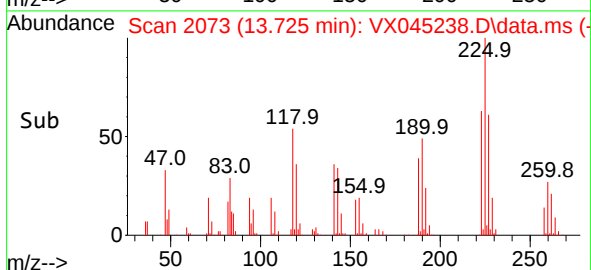
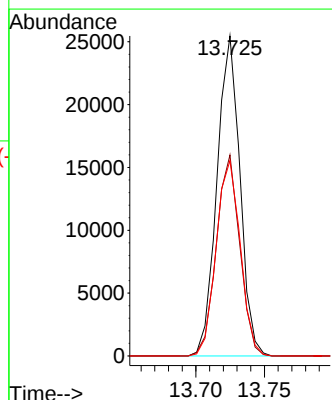
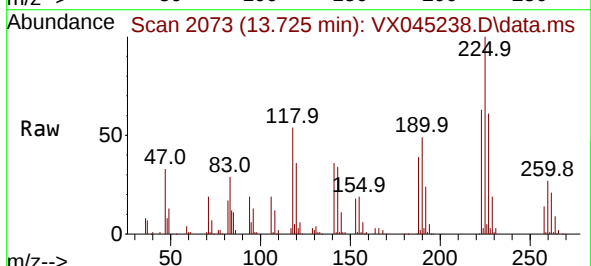
Tgt Ion:225 Resp: 29653

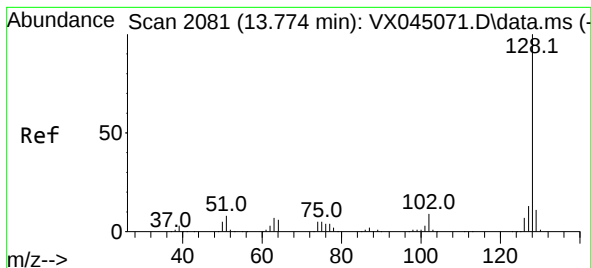
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.7

227 64.0 31.4 94.0





#95

Naphthalene

Concen: 53.049 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

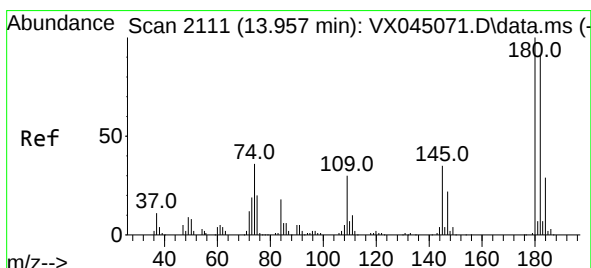
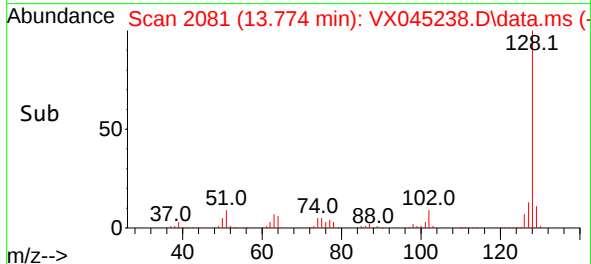
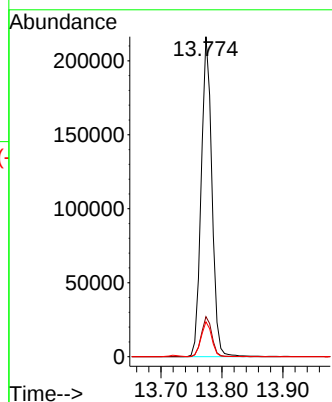
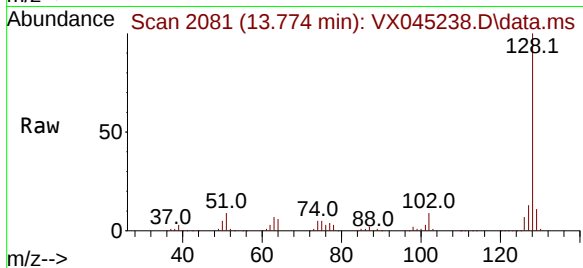
Tgt Ion:128 Resp: 264311

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 54.089 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX045238.D

Acq: 12 Mar 2025 10:58

Tgt Ion:180 Resp: 73996

Ion Ratio Lower Upper

180 100

182 92.3 47.5 142.6

145 34.3 17.0 50.9

