

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
 Data File : VX043611.D
 Acq On : 30 Oct 2024 09:59
 Operator : JC/MD
 Sample : VX1030MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 31 09:40:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

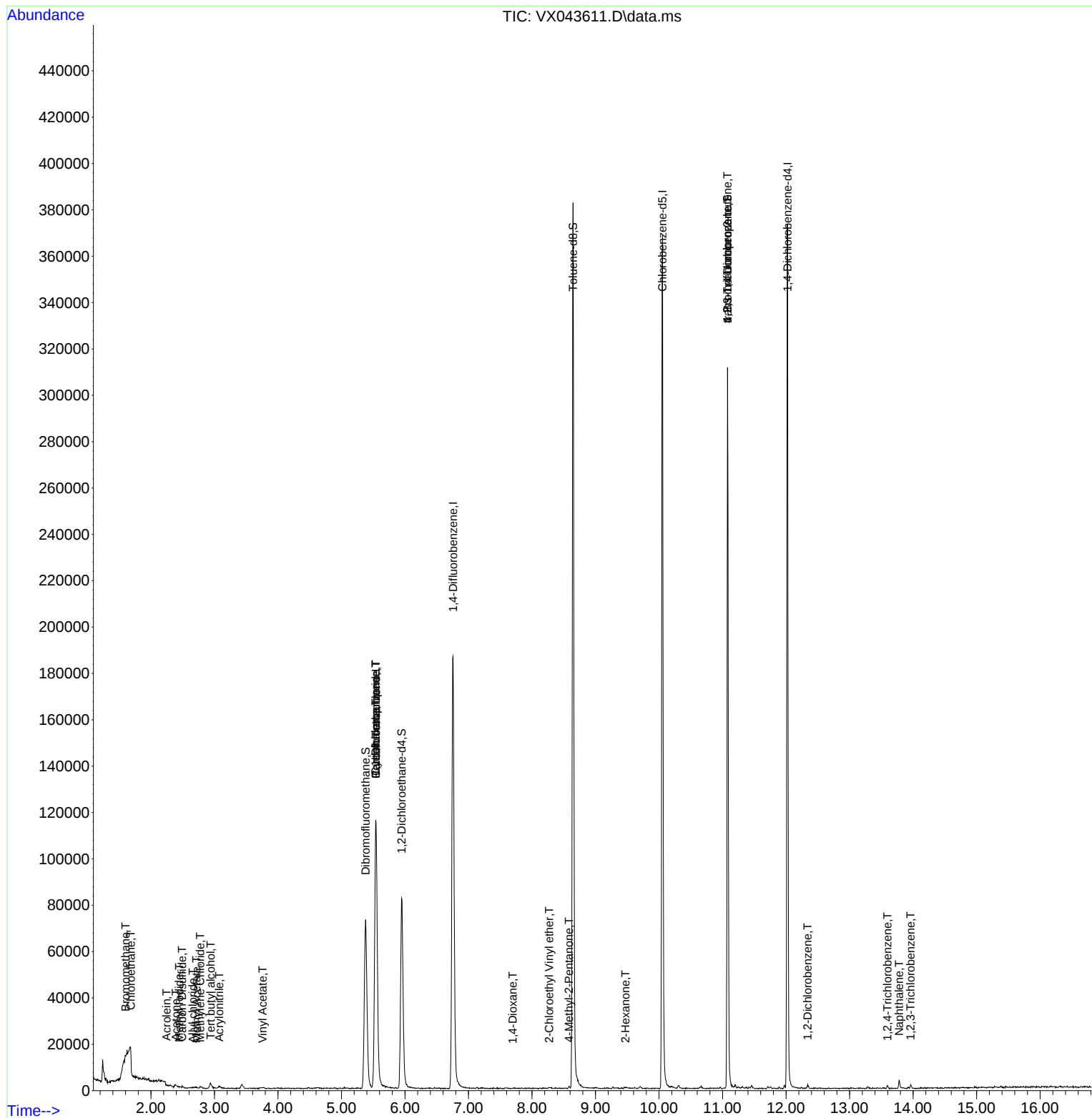
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	115449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	208345	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	80124	43.525	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.060%
35) Dibromofluoromethane	5.379	113	65740	46.532	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.060%
50) Toluene-d8	8.647	98	245914	50.284	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.560%
62) 4-Bromofluorobenzene	11.079	95	86446	47.702	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.400%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	255	0.427	ug/l #	62
6) Chloroethane	1.685	64	503	0.975	ug/l #	43
10) Methyl Iodide	2.447	142	401	0.229	ug/l #	57
11) Tert butyl alcohol	2.940	59	1053	3.065	ug/l #	100
13) Acrolein	2.245	56	187	0.696	ug/l #	15
14) Allyl chloride	2.660	41	479	0.224	ug/l #	65
15) Acrylonitrile	3.075	53	633	0.816	ug/l #	77
16) Acetone	2.392	43	1362	1.863	ug/l	92
17) Carbon Disulfide	2.489	76	666	0.258	ug/l #	75
18) Methyl Acetate	2.715	43	815	0.381	ug/l #	71
20) Methylene Chloride	2.776	84	363	0.230	ug/l #	58
23) Vinyl Acetate	3.757	43	1037	0.284	ug/l #	71
31) Cyclohexane	5.537	56	2468	1.270	ug/l #	29
36) 1,1-Dichloropropene	5.537	75	8285	4.946	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12619	6.817	ug/l #	15
49) 1,4-Dioxane	7.696	88	69	2.106	ug/l #	25
51) 4-Methyl-2-Pentanone	8.580	43	742	0.362	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.269	63	267	0.240	ug/l #	59
59) 2-Hexanone	9.470	43	738	0.474	ug/l #	38
76) 1,2,3-Trichloropropane	11.079	75	42012	24.120	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	42012	66.356	ug/l #	7
91) 1,2-Dichlorobenzene	12.341	146	551	0.202	ug/l	87
93) 1,2,4-Trichlorobenzene	13.597	180	451	0.272	ug/l	97
95) Naphthalene	13.780	128	3143	0.495	ug/l	95
96) 1,2,3-Trichlorobenzene	13.963	180	681	0.390	ug/l #	87

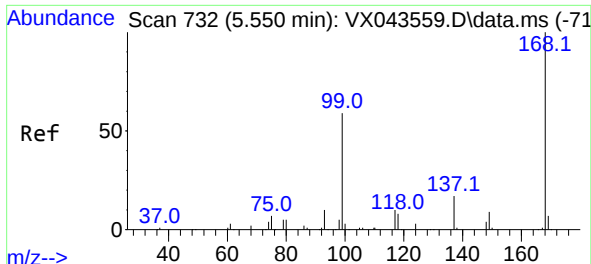
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103024\
Data File : VX043611.D
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Sample : VX1030MBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 31 09:40:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

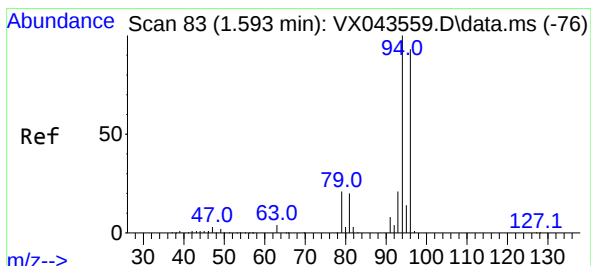
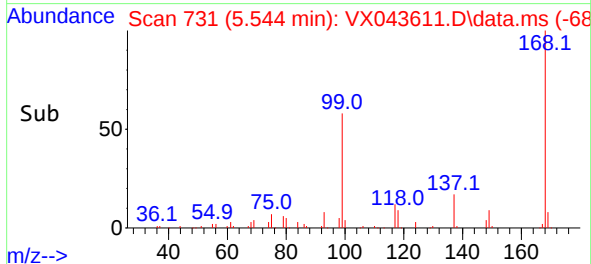
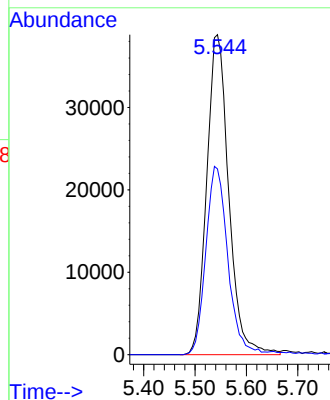
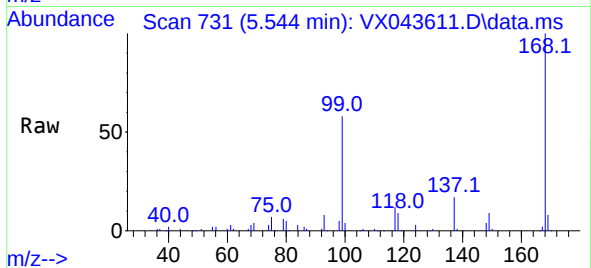




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

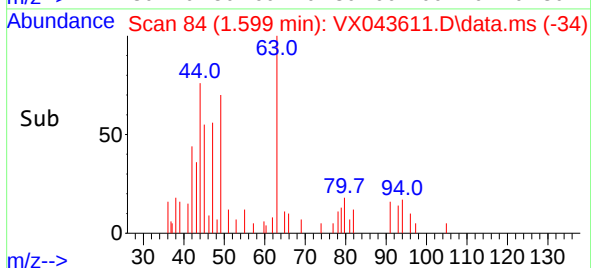
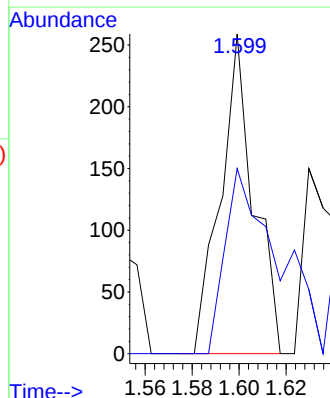
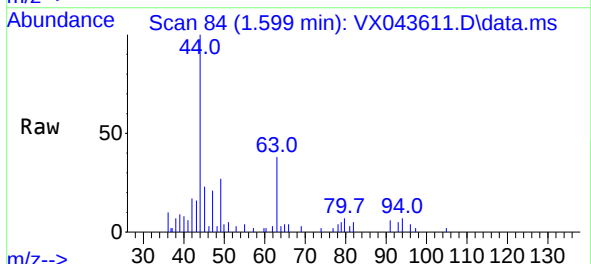
Instrument :
MSVOA_X
ClientSampleId :

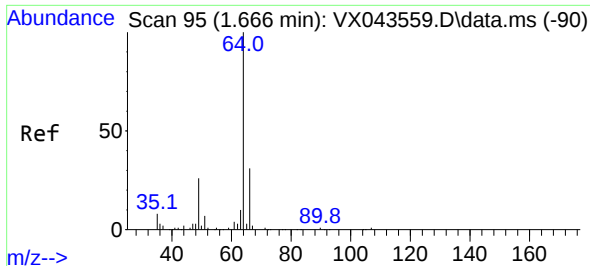
Tgt Ion:168 Resp: 115449
Ion Ratio Lower Upper
168 100
99 58.0 52.6 78.8



#5
Bromomethane
Concen: 0.427 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

Tgt Ion: 94 Resp: 255
Ion Ratio Lower Upper
94 100
96 57.9 75.9 113.9#

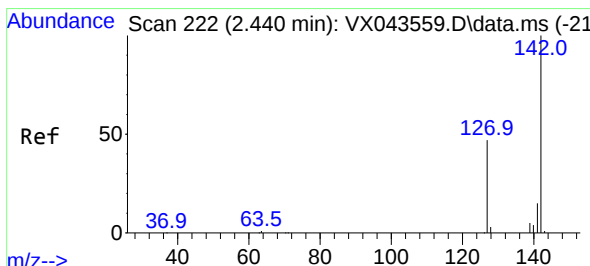
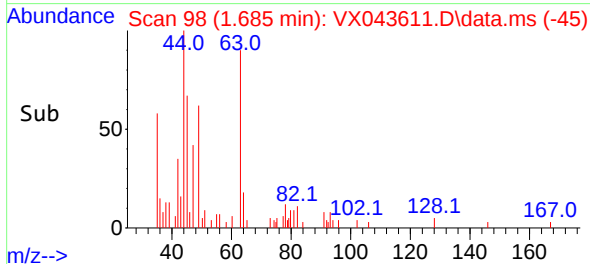
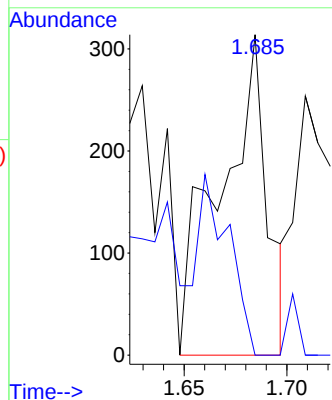
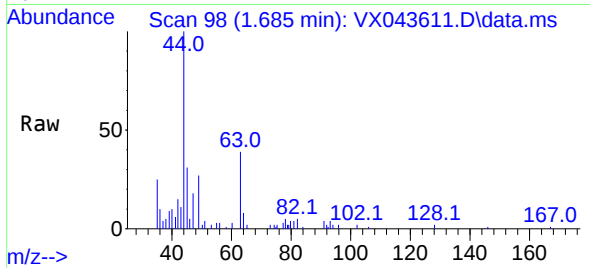




#6
Chloroethane
Concen: 0.975 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.024 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

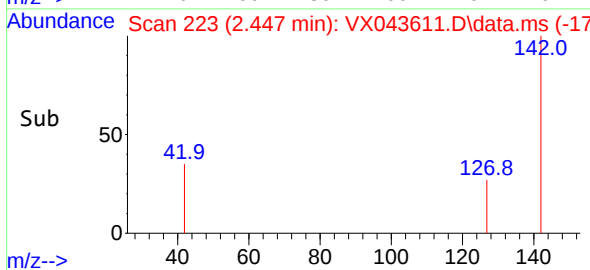
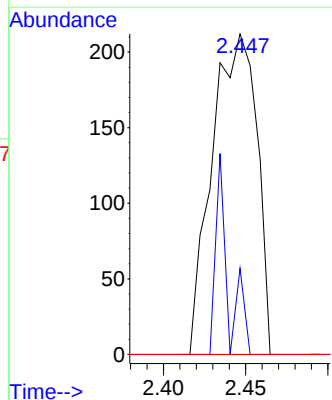
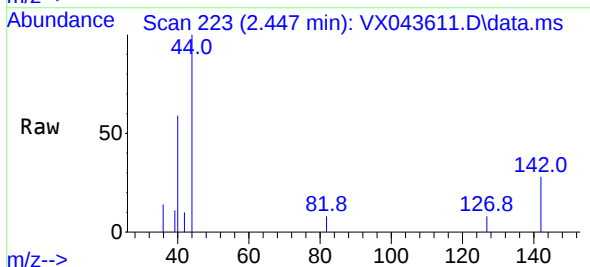
Instrument :
MSVOA_X
ClientSampleId :

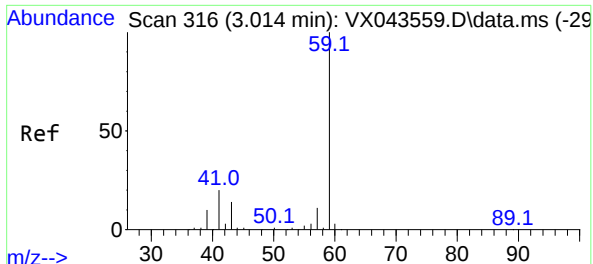
Tgt Ion: 64 Resp: 503
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#10
Methyl Iodide
Concen: 0.229 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

Tgt Ion: 142 Resp: 401
Ion Ratio Lower Upper
142 100
127 17.5 38.2 57.4#
141 0.0 11.5 17.3#

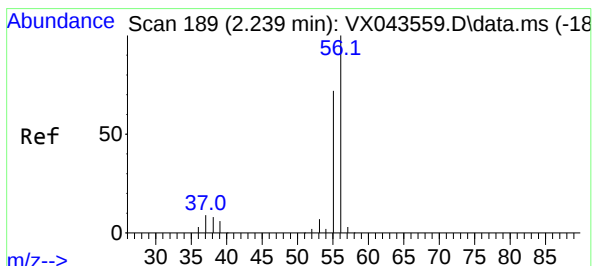
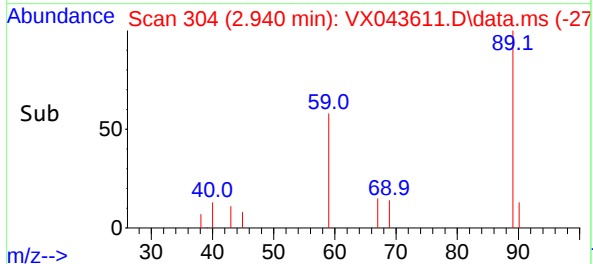
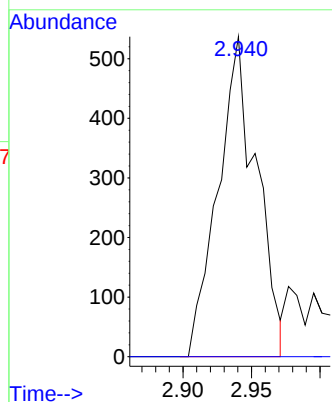
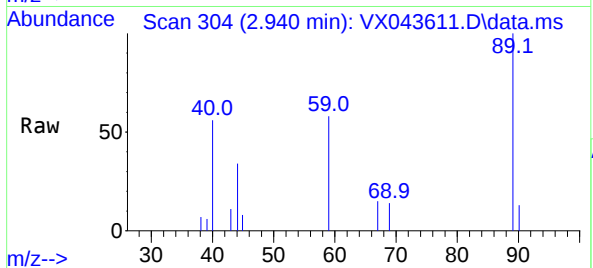




#11
Tert butyl alcohol
Concen: 3.065 ug/l
RT: 2.940 min Scan# 30
Delta R.T. -0.110 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

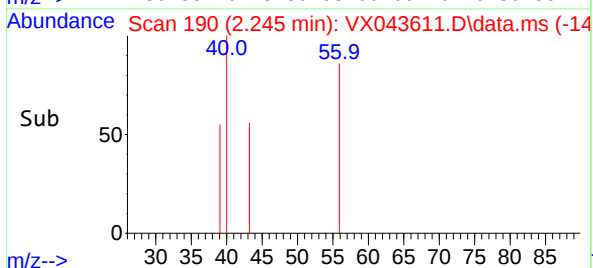
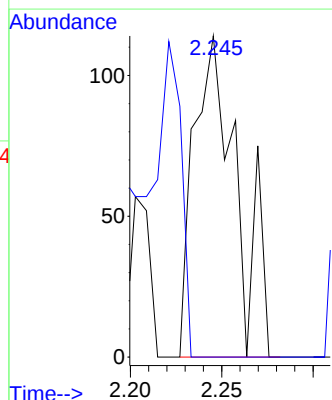
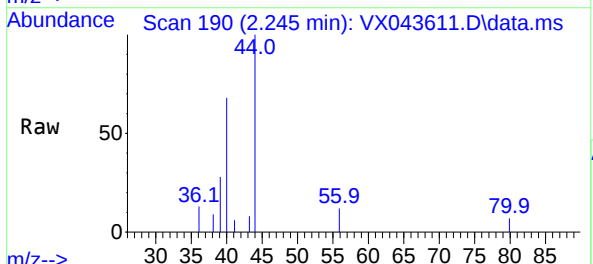
Instrument :
MSVOA_X
ClientSampleId :

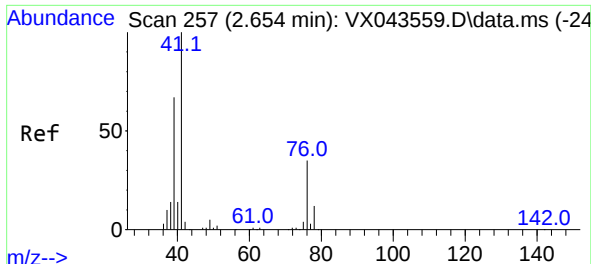
Tgt Ion: 59 Resp: 1053
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#13
Acrolein
Concen: 0.696 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

Tgt Ion: 56 Resp: 187
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#

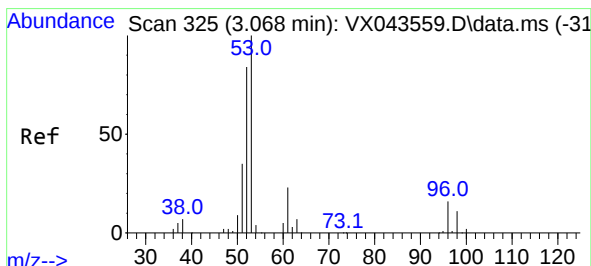
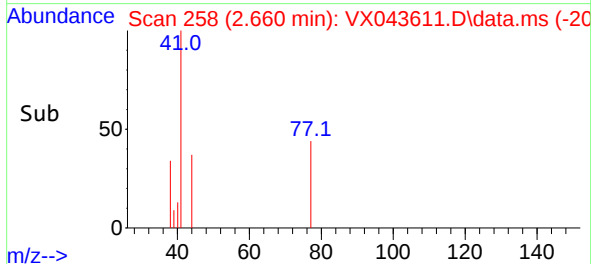
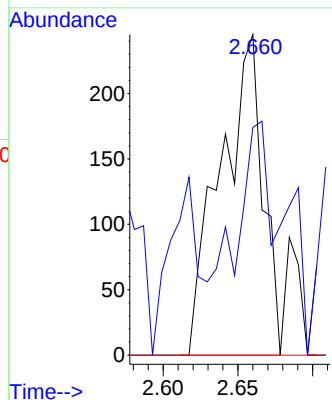
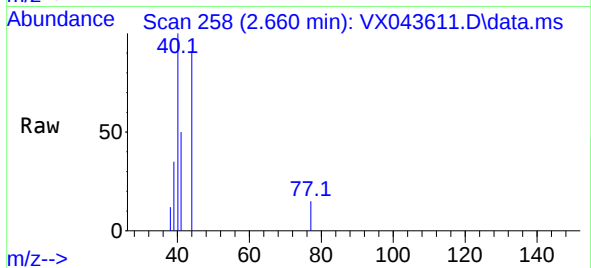




#14
 Allyl chloride
 Concen: 0.224 ug/l
 RT: 2.660 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX043611.D
 Acq: 30 Oct 2024 09:59

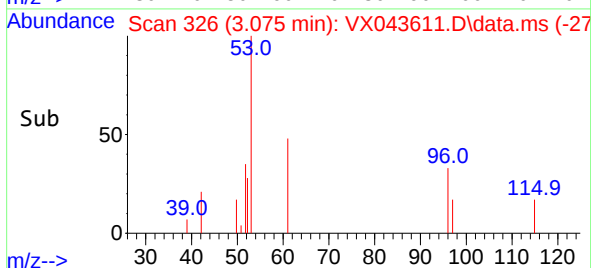
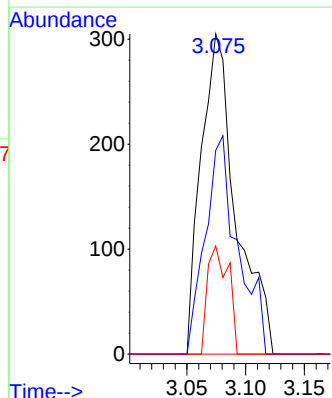
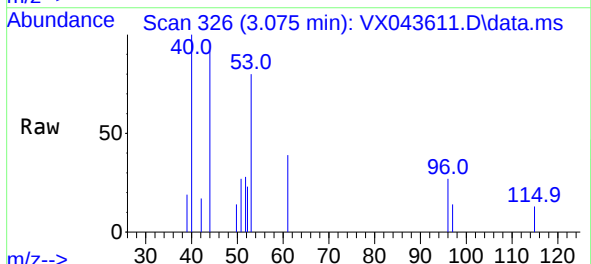
Instrument :
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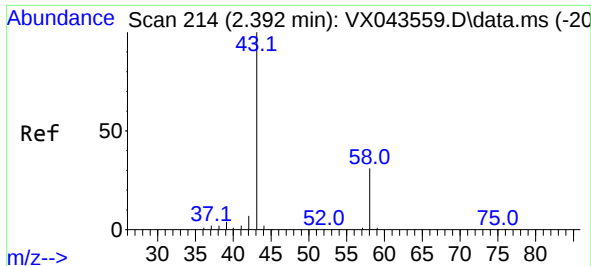
Tgt Ion: 41 Resp: 479
 Ion Ratio Lower Upper
 41 100
 39 85.2 53.2 79.8#
 76 0.0 27.0 40.6#



#15
 Acrylonitrile
 Concen: 0.816 ug/l
 RT: 3.075 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VX043611.D
 Acq: 30 Oct 2024 09:59

Tgt Ion: 53 Resp: 633
 Ion Ratio Lower Upper
 53 100
 52 63.0 65.8 98.6#
 51 20.2 28.5 42.7#

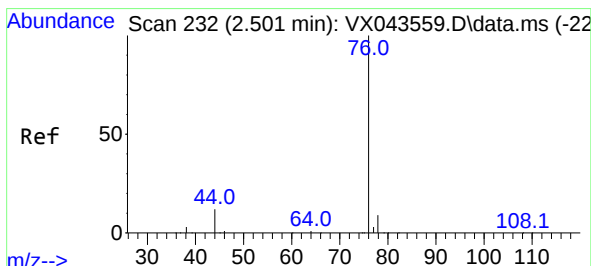
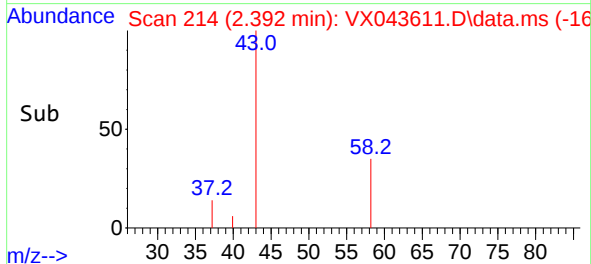
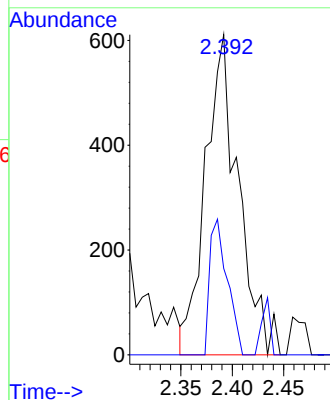
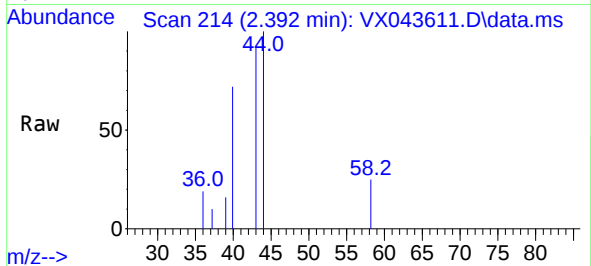




#16
Acetone
Concen: 1.863 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

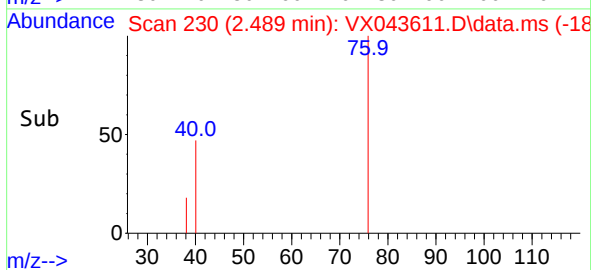
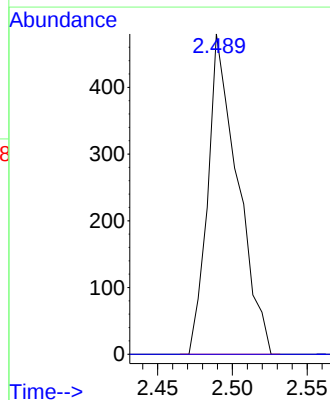
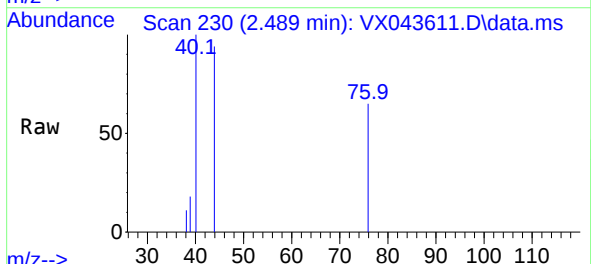
Instrument :
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ClientSampleId :

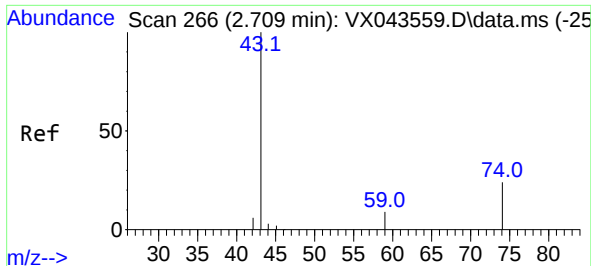
Tgt Ion: 43 Resp: 1362
Ion Ratio Lower Upper
43 100
58 27.0 25.1 37.7



#17
Carbon Disulfide
Concen: 0.258 ug/l
RT: 2.489 min Scan# 230
Delta R.T. -0.006 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

Tgt Ion: 76 Resp: 666
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#

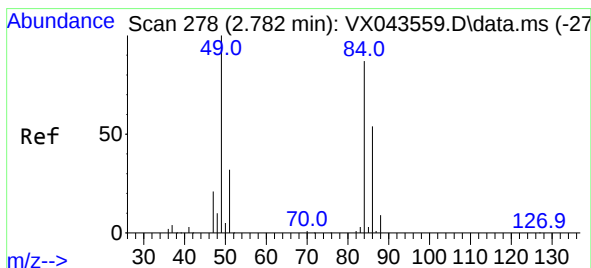
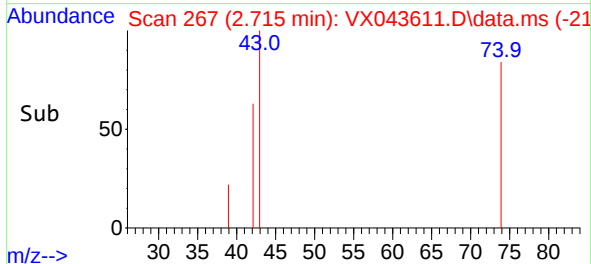
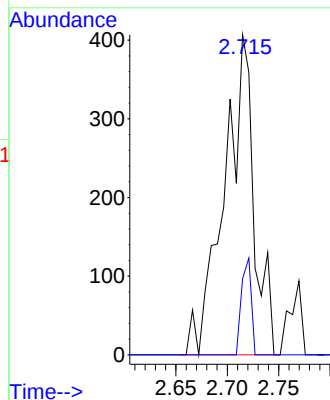
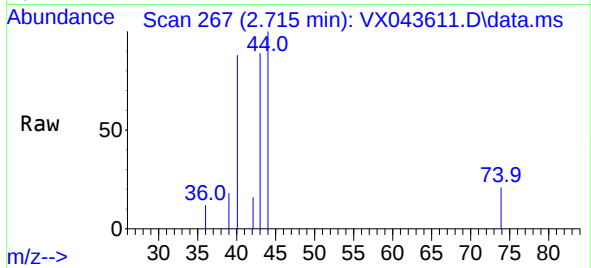




#18
Methyl Acetate
Concen: 0.381 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

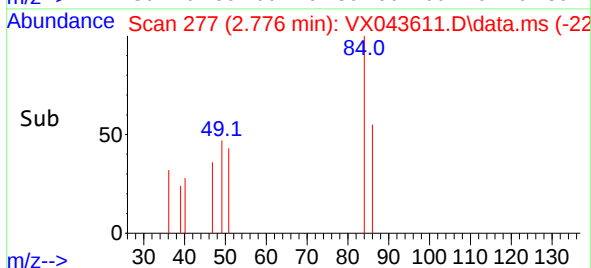
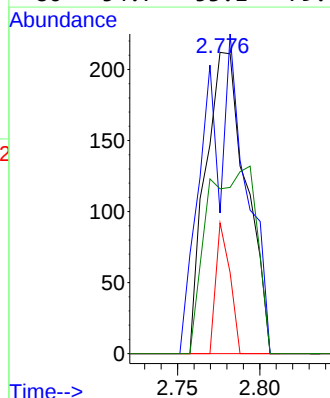
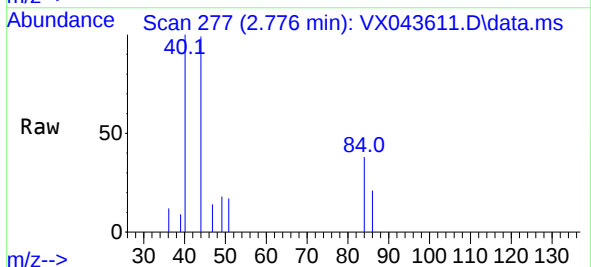
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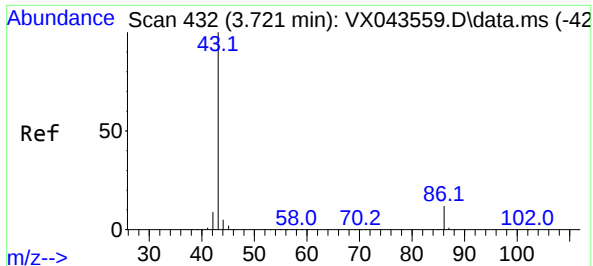
Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
74 9.8 19.1 28.7#



#20
Methylene Chloride
Concen: 0.230 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.006 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

Tgt Ion: 84 Resp: 363
Ion Ratio Lower Upper
84 100
49 46.7 97.0 145.6#
51 43.4 29.8 44.8
86 54.7 53.1 79.7

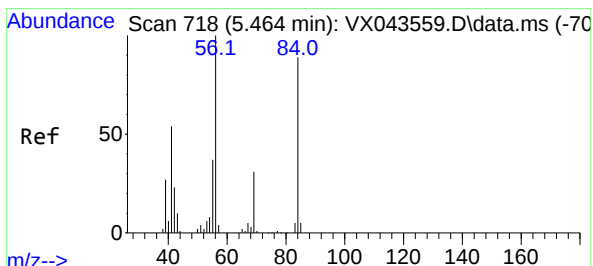
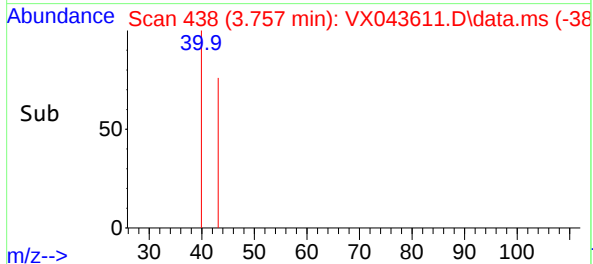
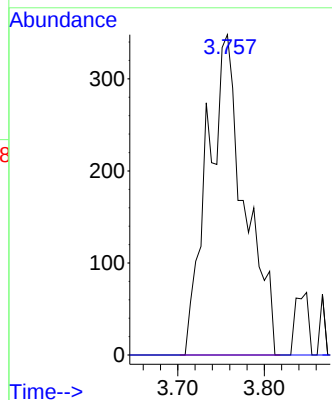
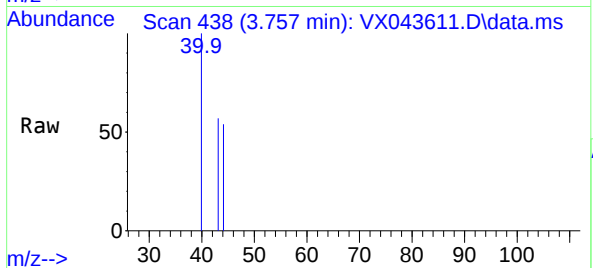




#23
Vinyl Acetate
Concen: 0.284 ug/l
RT: 3.757 min Scan# 41
Delta R.T. 0.037 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

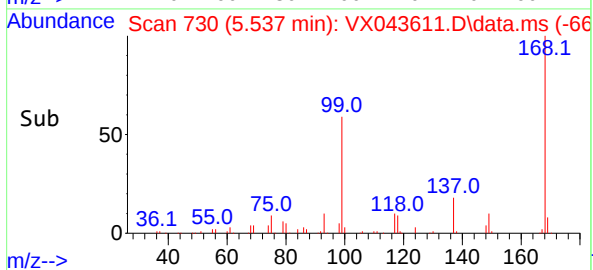
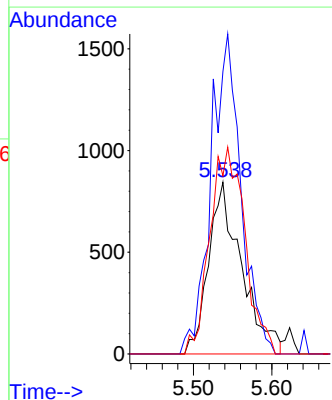
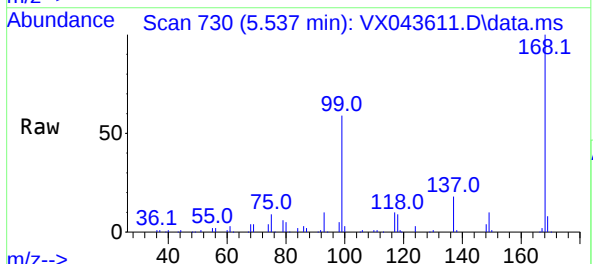
Instrument :
MSVOA_X
ClientSampleId :

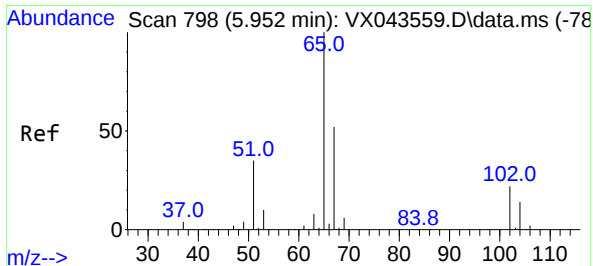
Tgt Ion: 43 Resp: 1037
Ion Ratio Lower Upper
43 100
86 0.0 9.0 13.4#



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

Tgt Ion: 56 Resp: 2468
Ion Ratio Lower Upper
56 100
69 164.5 24.9 37.3#
84 103.8 73.3 109.9





#33

1,2-Dichloroethane-d4

Concen: 43.525 ug/l

RT: 5.946 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX043611.D

Acq: 30 Oct 2024 09:59

Instrument :

MSVOA_X

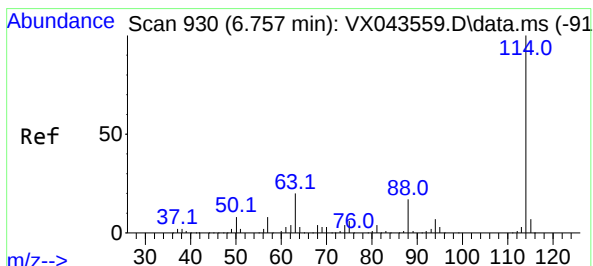
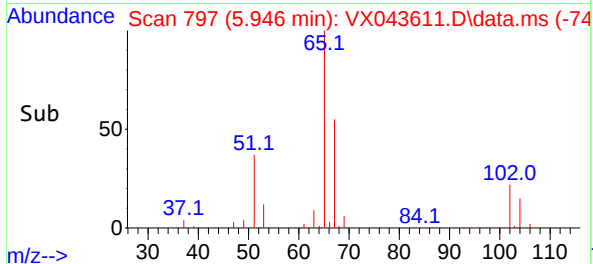
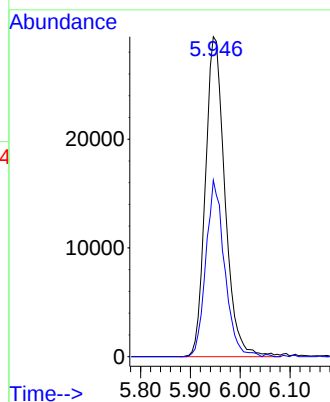
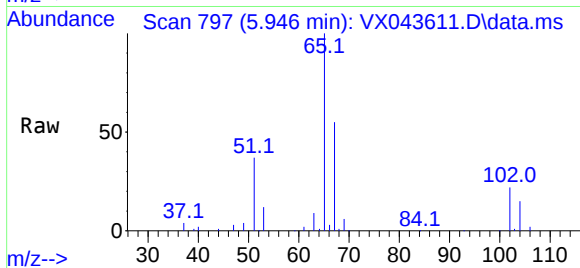
ClientSampleId :

Tgt Ion: 65 Resp: 80124

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043611.D

Acq: 30 Oct 2024 09:59

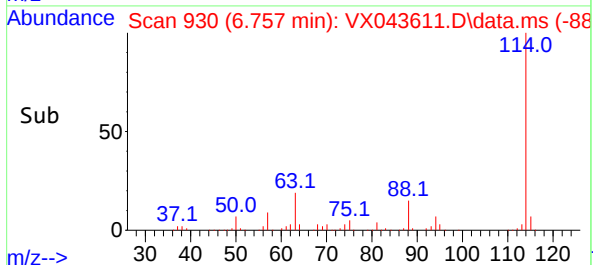
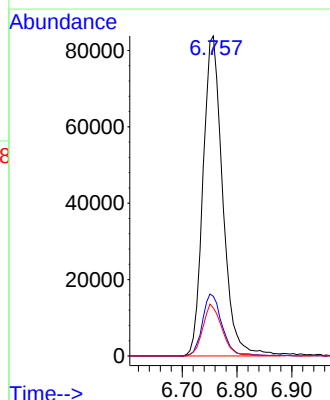
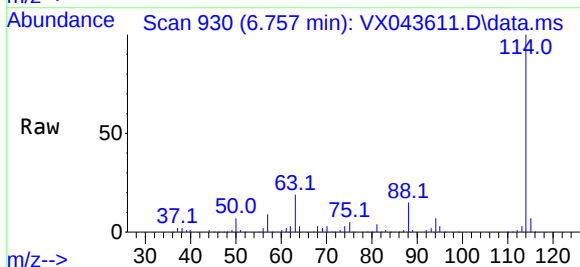
Tgt Ion: 114 Resp: 208345

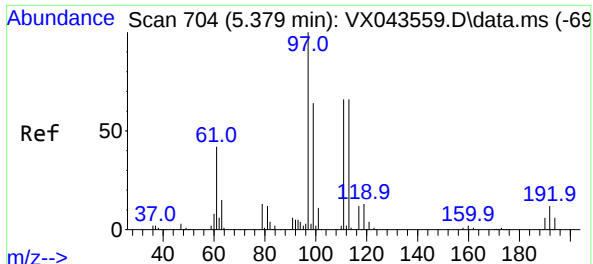
Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.2

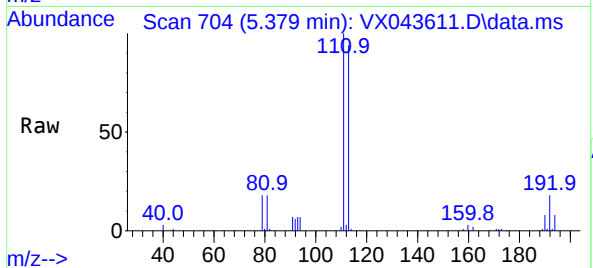
88 15.0 0.0 34.0



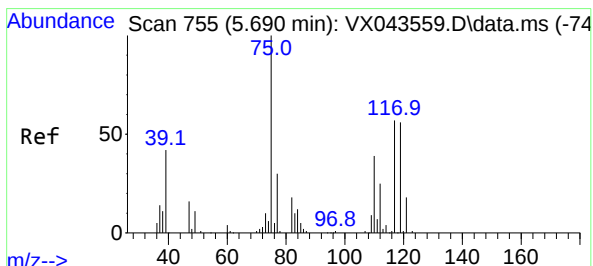
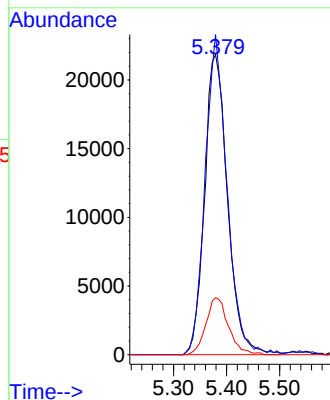
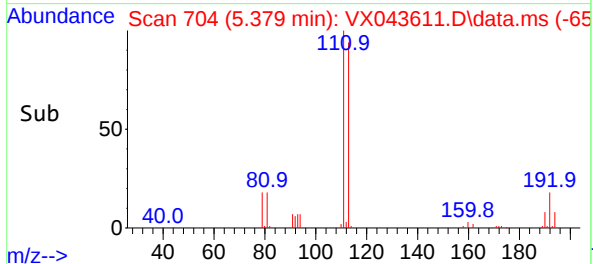


#35
Dibromofluoromethane
Concen: 46.532 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

Instrument :
MSVOA_X
ClientSampleId :

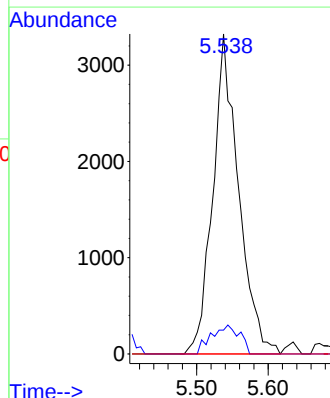
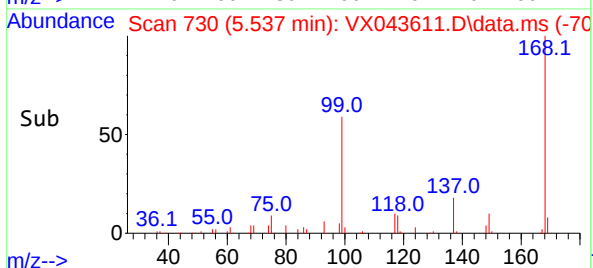
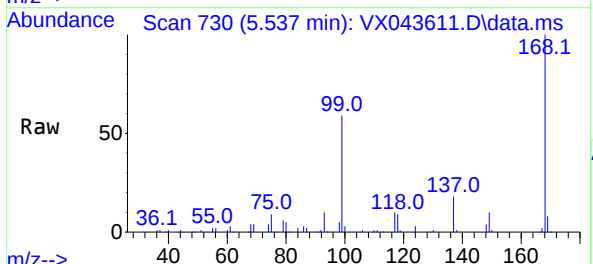


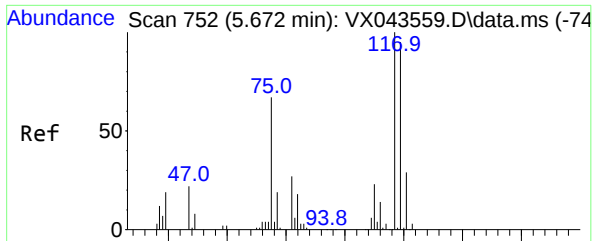
Tgt Ion:113 Resp: 65740
Ion Ratio Lower Upper
113 100
111 101.5 81.4 122.0
192 18.6 14.1 21.1



#36
1,1-Dichloropropene
Concen: 4.946 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

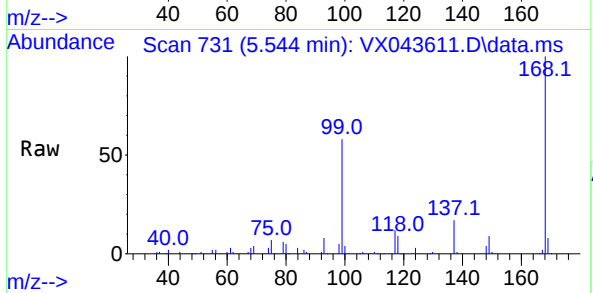
Tgt Ion: 75 Resp: 8285
Ion Ratio Lower Upper
75 100
110 9.9 17.9 53.7#
77 0.0 25.0 37.4#



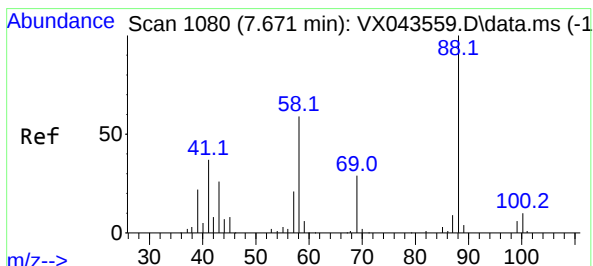
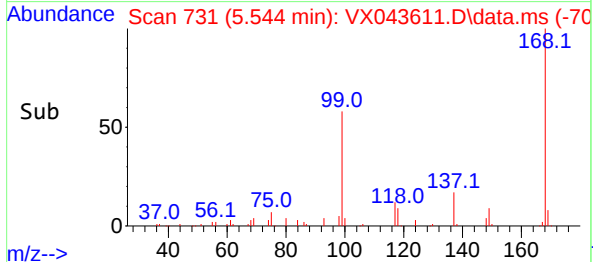
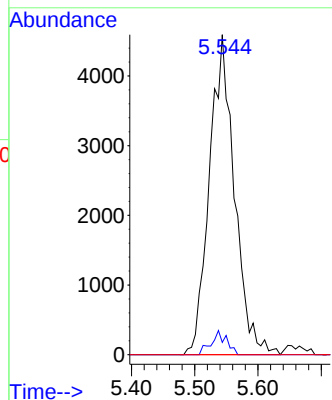


#38
Carbon Tetrachloride
Concen: 6.817 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

Instrument :
MSVOA_X
ClientSampleId :

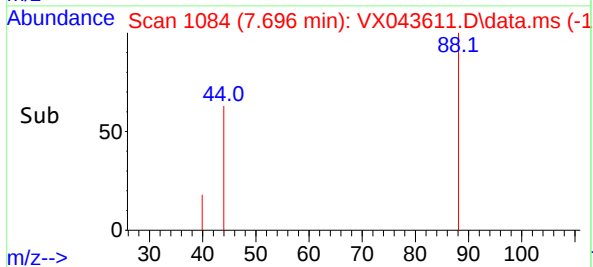
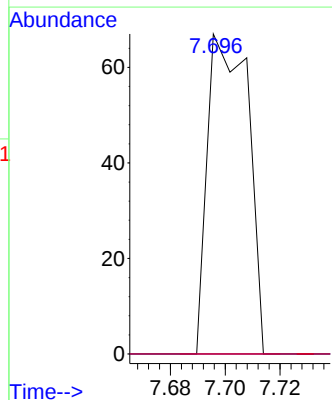
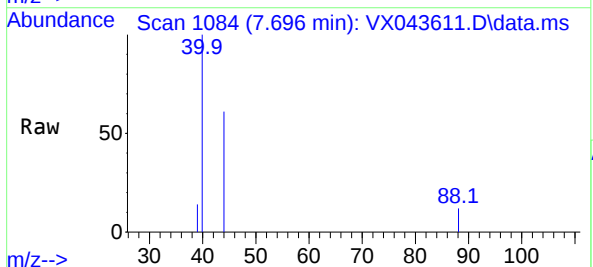


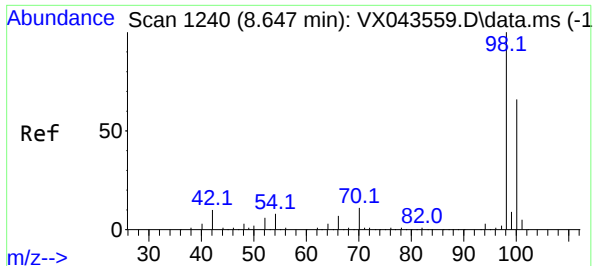
Tgt Ion:117 Resp: 12619
Ion Ratio Lower Upper
117 100
119 3.9 77.0 115.6#
121 0.0 24.7 37.1#



#49
1,4-Dioxane
Concen: 2.106 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.024 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 0.0 53.9 80.9#





#50

Toluene-d8

Concen: 50.284 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043611.D

Acq: 30 Oct 2024 09:59

Instrument :

MSVOA_X

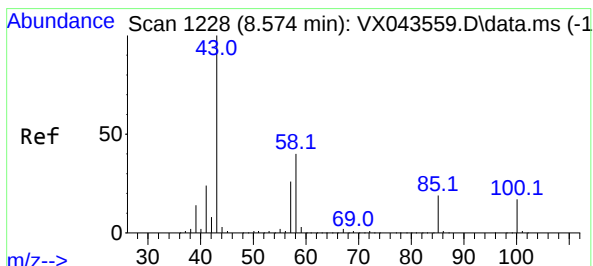
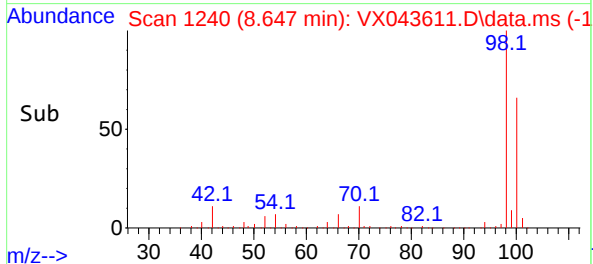
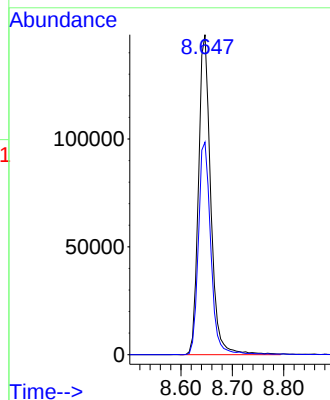
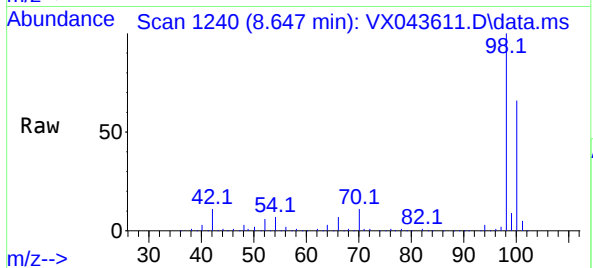
ClientSampleId :

Tgt Ion: 98 Resp: 245914

Ion Ratio Lower Upper

98 100

100 67.2 53.4 80.2



#51

4-Methyl-2-Pentanone

Concen: 0.362 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX043611.D

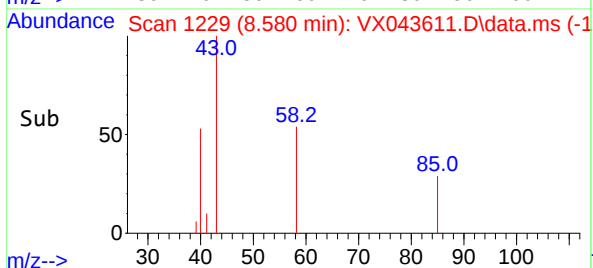
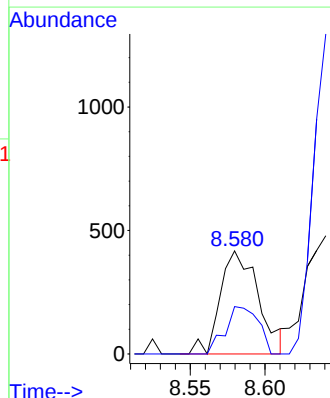
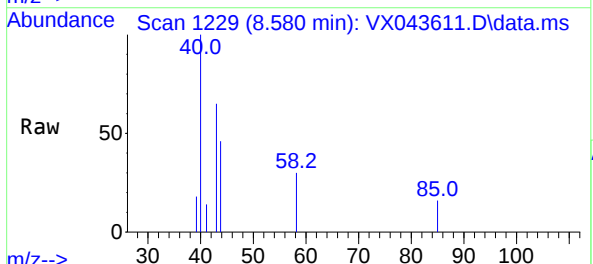
Acq: 30 Oct 2024 09:59

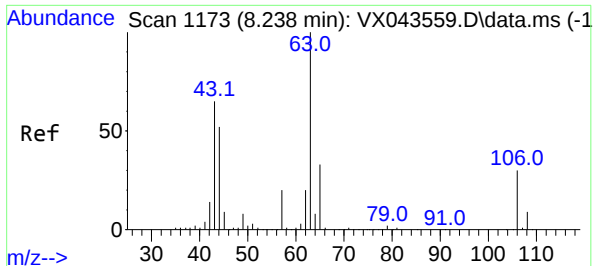
Tgt Ion: 43 Resp: 742

Ion Ratio Lower Upper

43 100

58 39.6 31.7 47.5

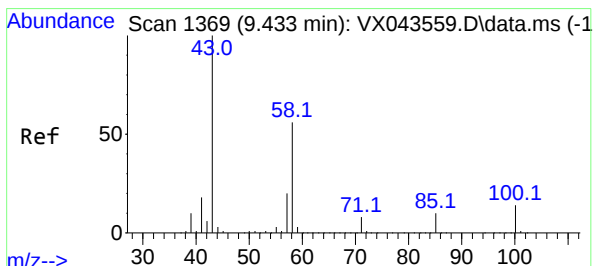
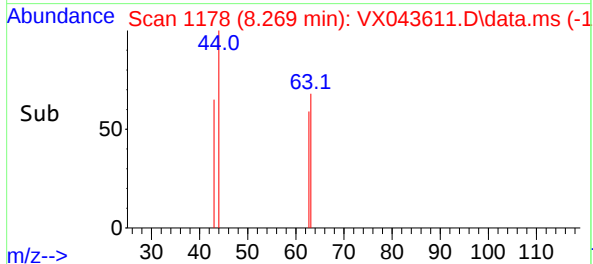
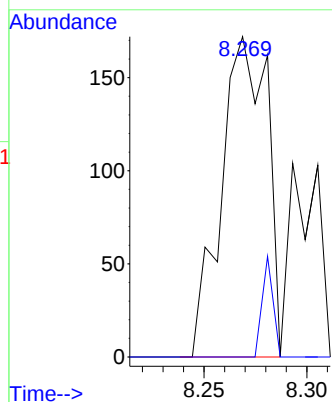
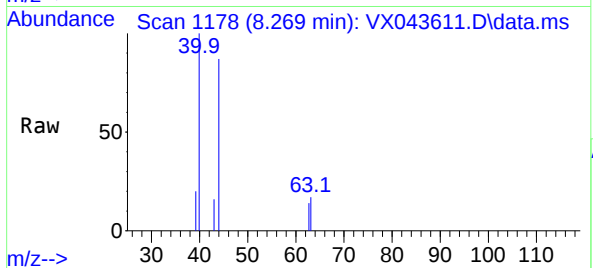




#58
2-Chloroethyl Vinyl ether
Concen: 0.240 ug/l
RT: 8.269 min Scan# 1178
Delta R.T. 0.031 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

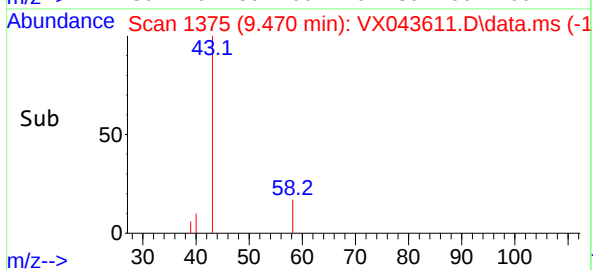
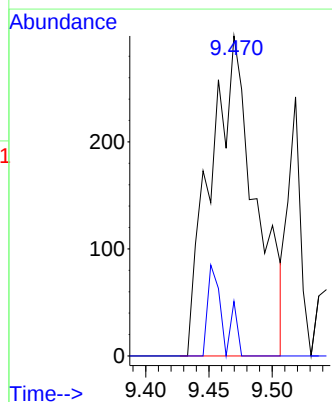
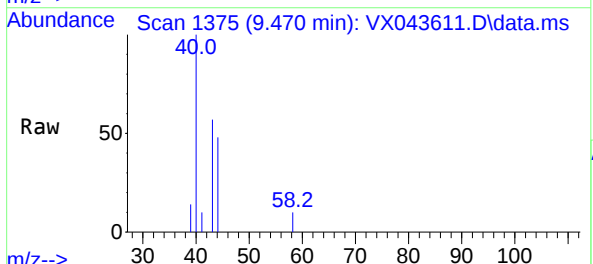
Instrument :
MSVOA_X
ClientSampleId :

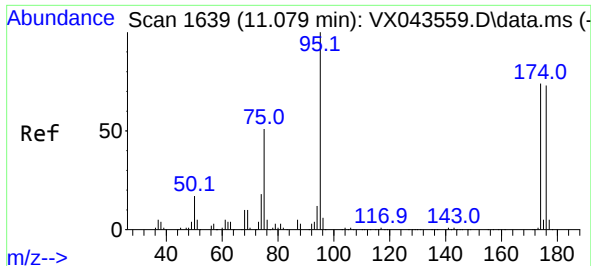
Tgt Ion: 63 Resp: 267
Ion Ratio Lower Upper
63 100
106 7.5 23.6 35.4#



#59
2-Hexanone
Concen: 0.474 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. 0.037 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
58 9.9 27.5 82.5#

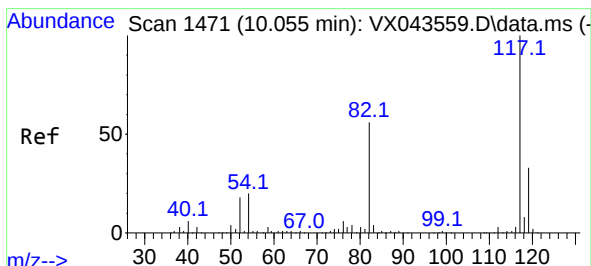
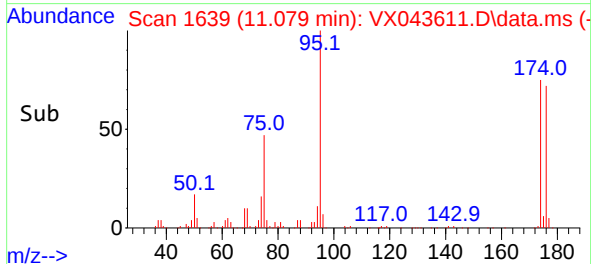
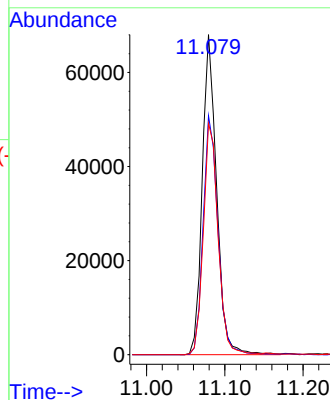
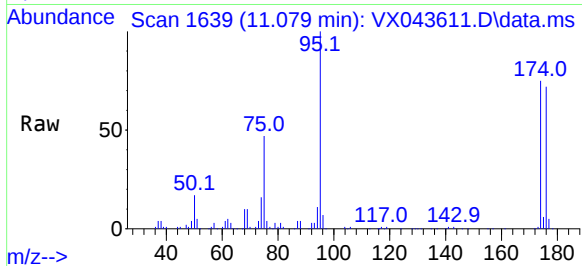




#62
4-Bromofluorobenzene
Concen: 47.702 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

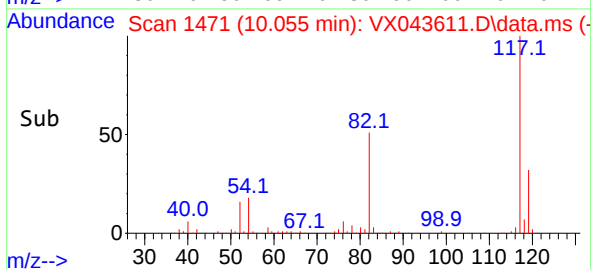
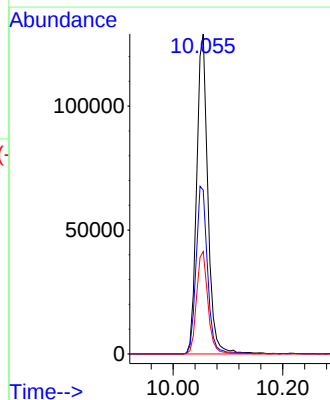
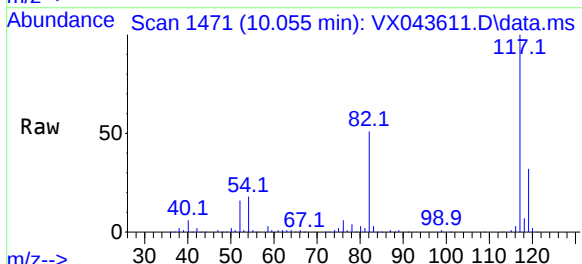
Instrument :
MSVOA_X
ClientSampleId :

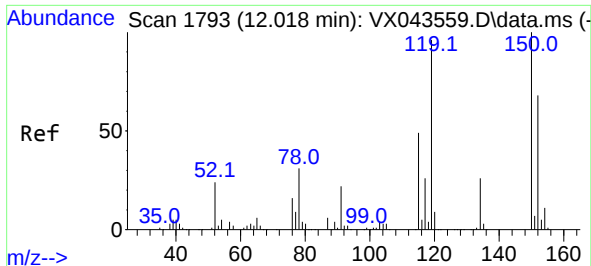
Tgt Ion: 95 Resp: 86446
Ion Ratio Lower Upper
95 100
174 77.0 0.0 146.6
176 74.3 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

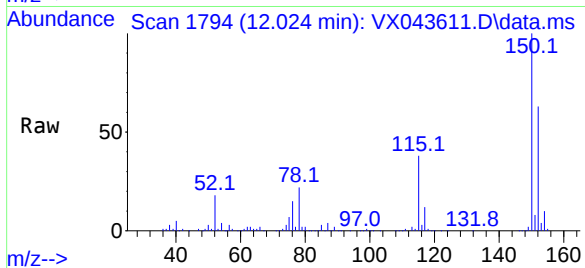
Tgt Ion: 117 Resp: 184212
Ion Ratio Lower Upper
117 100
82 51.2 42.1 63.1
119 32.0 25.4 38.2



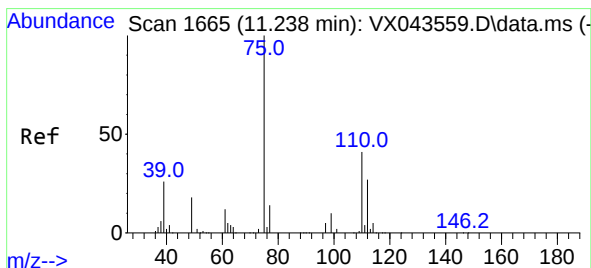
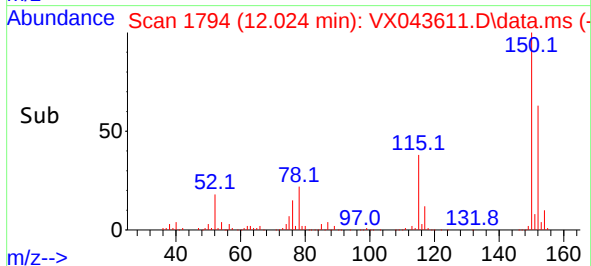
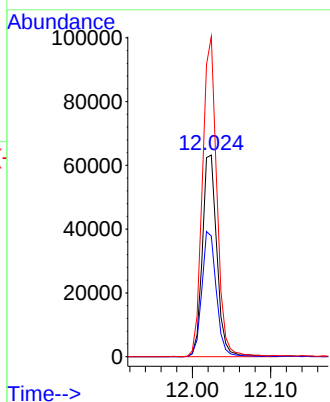


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

Instrument :
MSVOA_X
ClientSampleId :

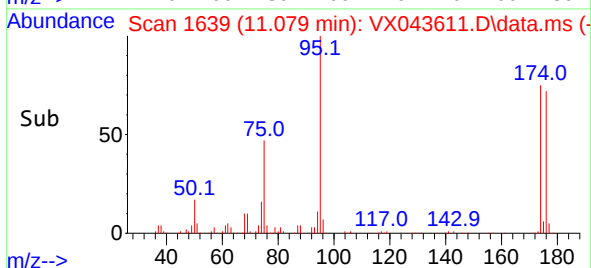
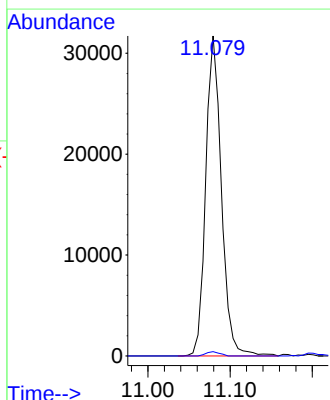
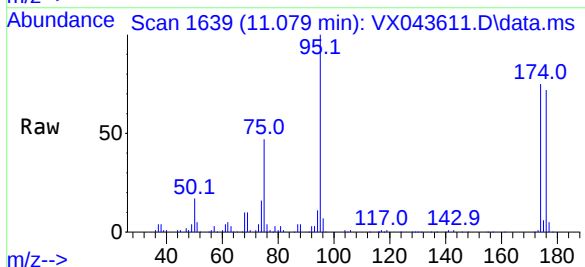


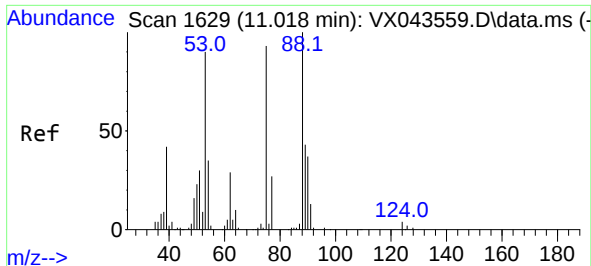
Tgt Ion:152 Resp: 81462
Ion Ratio Lower Upper
152 100
115 62.0 42.9 128.7
150 156.8 0.0 343.6



#76
1,2,3-Trichloropropane
Concen: 24.120 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

Tgt Ion: 75 Resp: 42012
Ion Ratio Lower Upper
75 100
77 1.2 22.4 67.2#

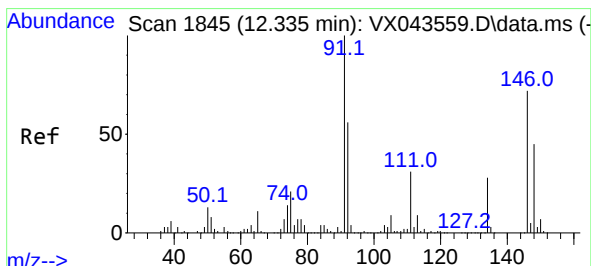
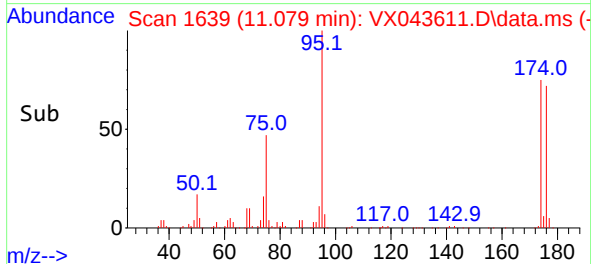
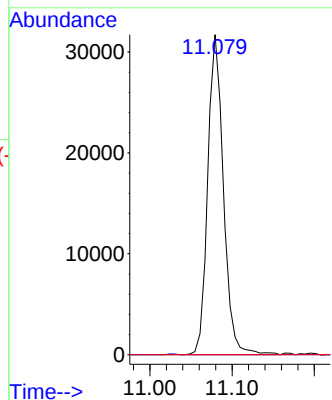
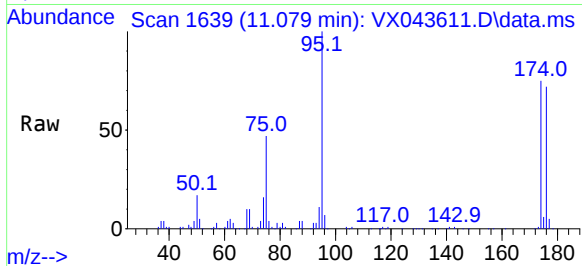




#81
trans-1,4-Dichloro-2-butene
Concen: 66.356 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

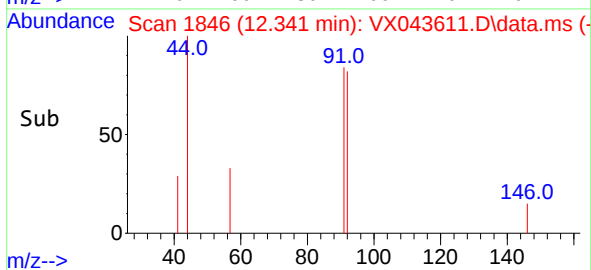
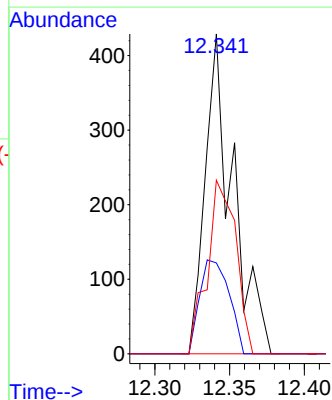
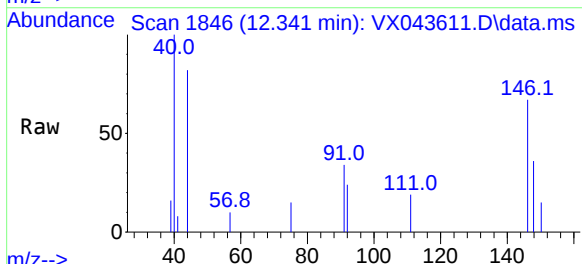
Instrument :
MSVOA_X
ClientSampleId :

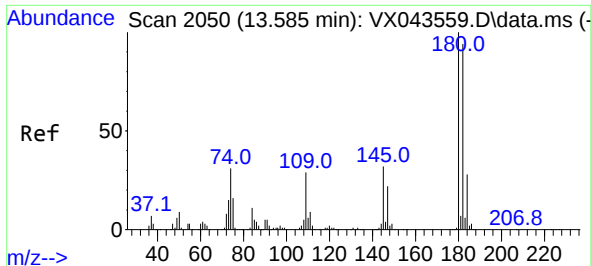
Tgt Ion: 75 Resp: 42012
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#



#91
1,2-Dichlorobenzene
Concen: 0.202 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

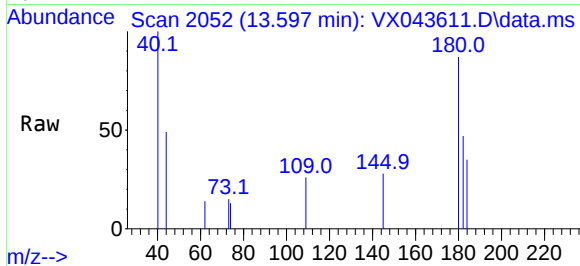
Tgt Ion:146 Resp: 551
Ion Ratio Lower Upper
146 100
111 31.2 21.6 64.6
148 55.9 31.6 95.0



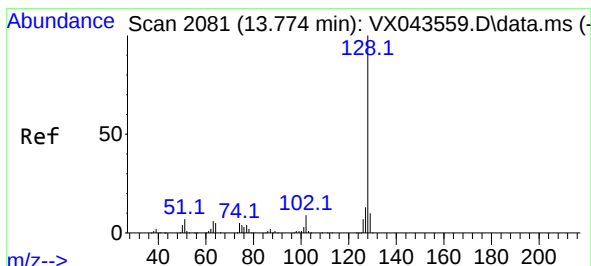
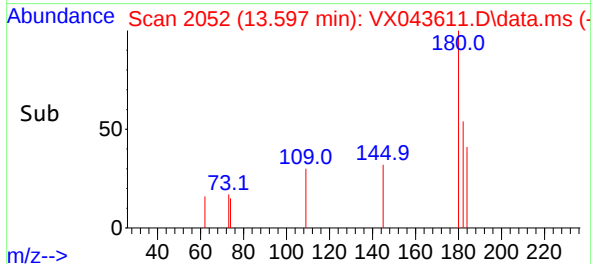
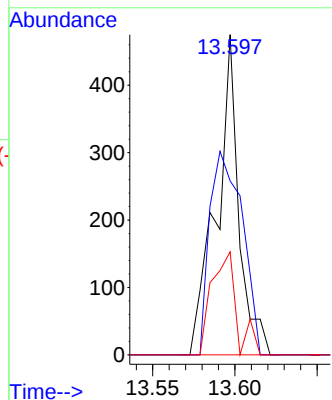


#93
1,2,4-Trichlorobenzene
Concen: 0.272 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

Instrument :
MSVOA_X
ClientSampleId :

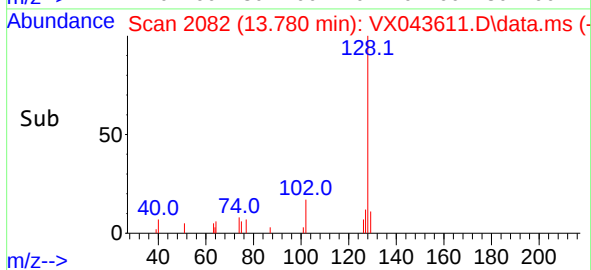
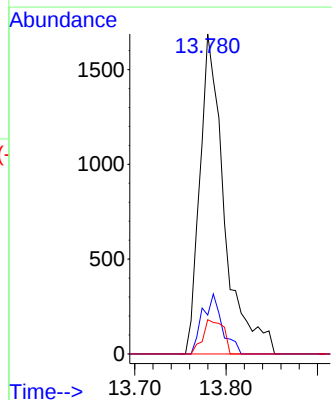
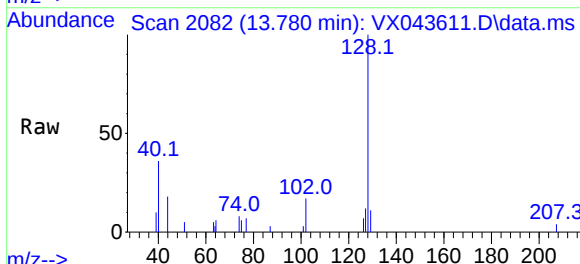


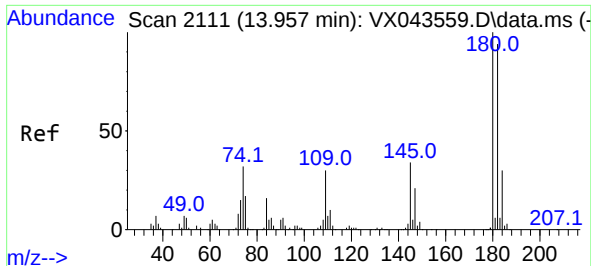
Tgt Ion:180 Resp: 451
Ion Ratio Lower Upper
180 100
182 92.0 46.8 140.4
145 35.5 16.1 48.3



#95
Naphthalene
Concen: 0.495 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX043611.D
Acq: 30 Oct 2024 09:59

Tgt Ion:128 Resp: 3143
Ion Ratio Lower Upper
128 100
127 15.0 10.2 15.4
129 8.9 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 0.390 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

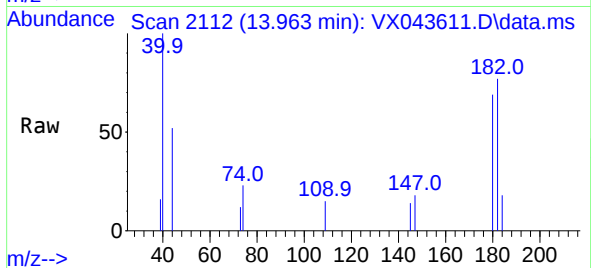
Lab File: VX043611.D

Acq: 30 Oct 2024 09:59

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 681

Ion Ratio Lower Upper

180 100

182 88.8 47.1 141.3

145 15.3 17.4 52.3#

