

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102124\
 Data File : VX043448.D
 Acq On : 21 Oct 2024 12:39
 Operator : JC/MD
 Sample : VX1021WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 21 17:40:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	99758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69736	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81923	50.284	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.560%	
35) Dibromofluoromethane	5.385	113	61244	48.038	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.080%	
50) Toluene-d8	8.647	98	221233	50.073	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.140%	
62) 4-Bromofluorobenzene	11.079	95	78859	49.131	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.260%	

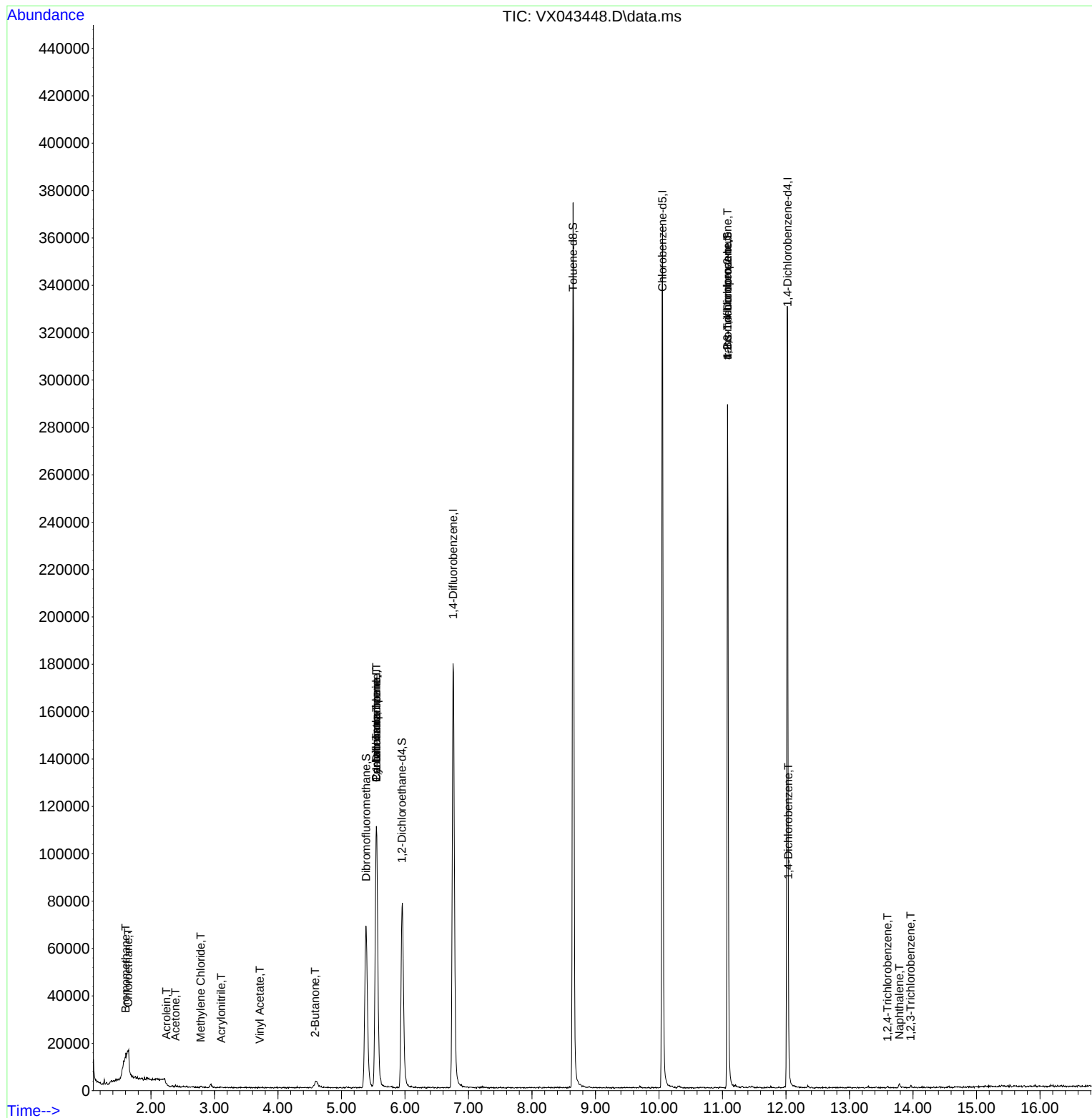
Target Compounds			Qvalue			
5) Bromomethane	1.599	94	269	0.550	ug/l #	18
6) Chloroethane	1.642	64	140	0.314	ug/l	92
13) Acrolein	2.240	56	337	1.151	ug/l	95
15) Acrylonitrile	3.105	53	193	0.305	ug/l #	35
16) Acetone	2.386	43	493	0.725	ug/l	91
20) Methylene Chloride	2.782	84	324	0.258	ug/l #	79
23) Vinyl Acetate	3.715	43	45	6.350	ug/l #	71
25) 2-Butanone	4.587	43	266	0.285	ug/l #	49
31) Cyclohexane	5.550	56	2598	1.478	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	8887	5.518	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11473	6.017	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	43097	27.862	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	43097	72.208	ug/l #	8
88) 1,4-Dichlorobenzene	12.037	146	591	0.247	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	321	0.234	ug/l #	69
95) Naphthalene	13.786	128	1615	0.321	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	306	0.216	ug/l	94

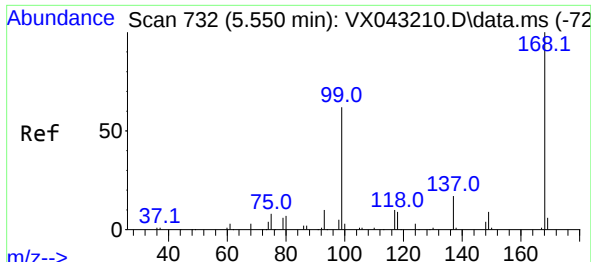
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :

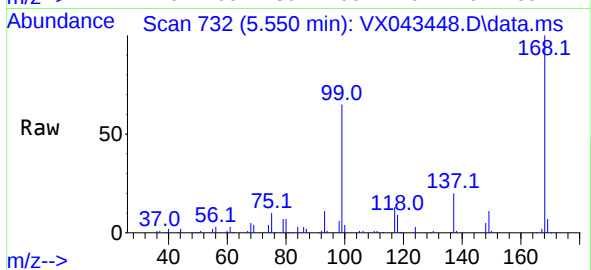
Quant Time: Oct 21 17:40:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
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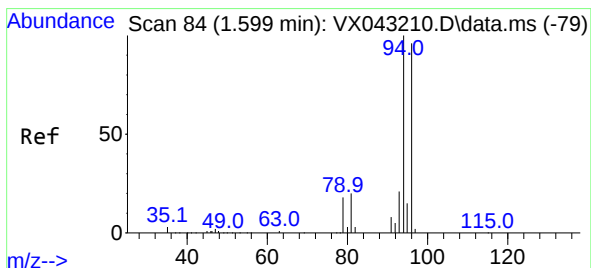
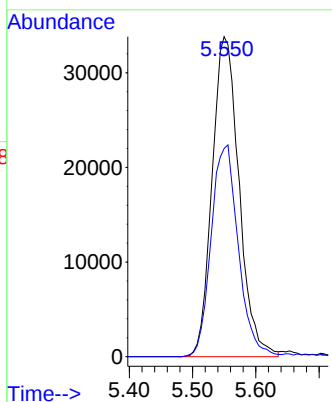


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

Instrument :
MSVOA_X
ClientSampleId :

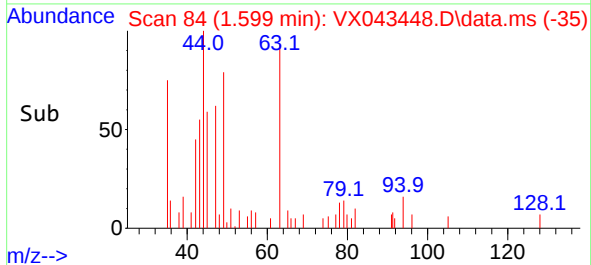
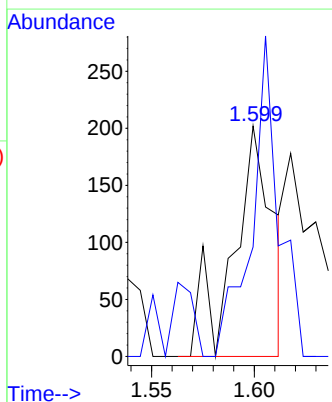
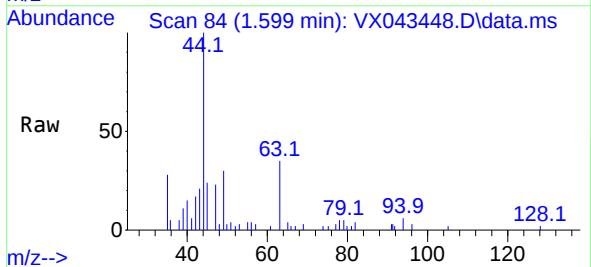


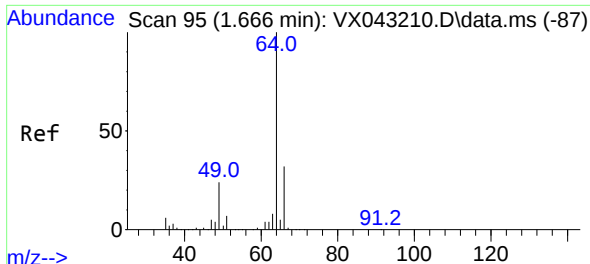
Tgt Ion:168 Resp: 99758
Ion Ratio Lower Upper
168 100
99 65.1 49.7 74.5



#5
Bromomethane
Concen: 0.550 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

Tgt Ion: 94 Resp: 269
Ion Ratio Lower Upper
94 100
96 15.3 76.6 115.0#

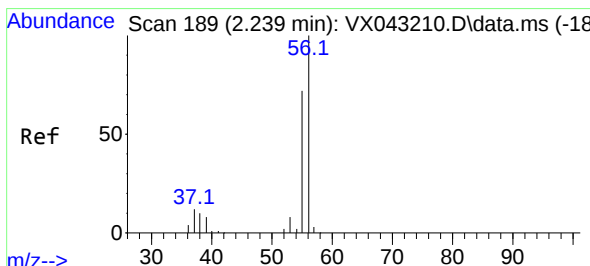
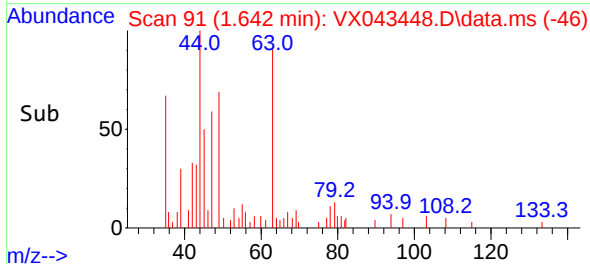
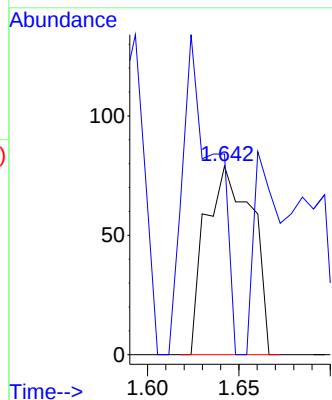
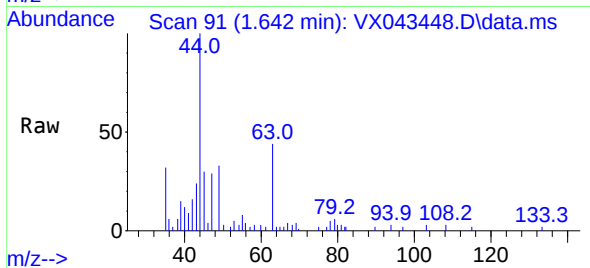




#6
Chloroethane
Concen: 0.314 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.024 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

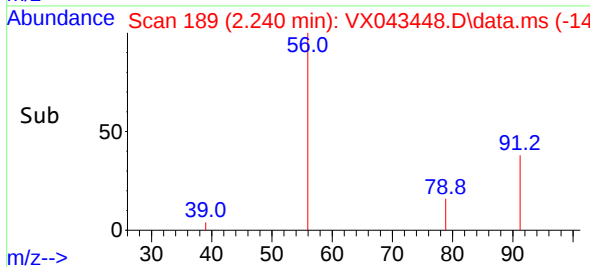
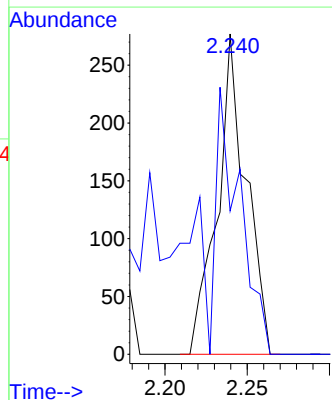
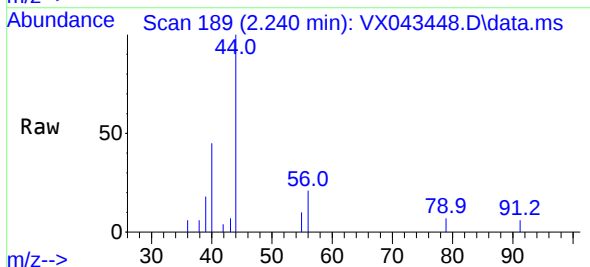
Instrument :
MSVOA_X
ClientSampleId :

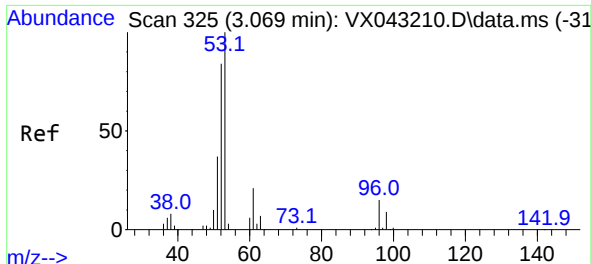
Tgt Ion: 64 Resp: 140
Ion Ratio Lower Upper
64 100
66 36.7 25.8 38.8



#13
Acrolein
Concen: 1.151 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

Tgt Ion: 56 Resp: 337
Ion Ratio Lower Upper
56 100
55 68.0 57.4 86.0





#15

Acrylonitrile

Concen: 0.305 ug/l

RT: 3.105 min Scan# 31

Delta R.T. 0.037 min

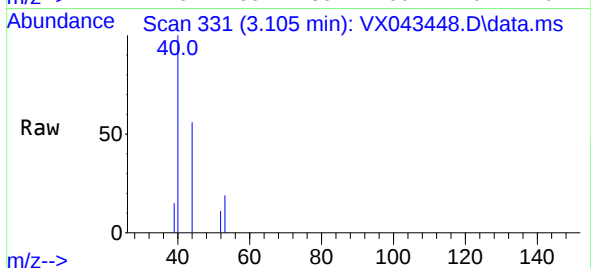
Lab File: VX043448.D

Acq: 21 Oct 2024 12:39

Instrument :

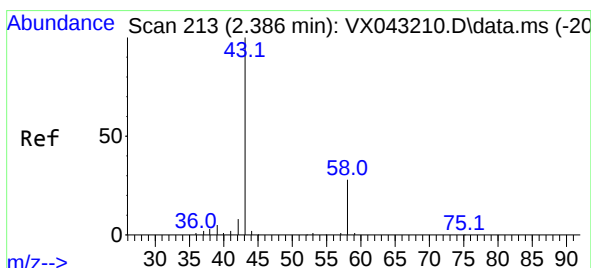
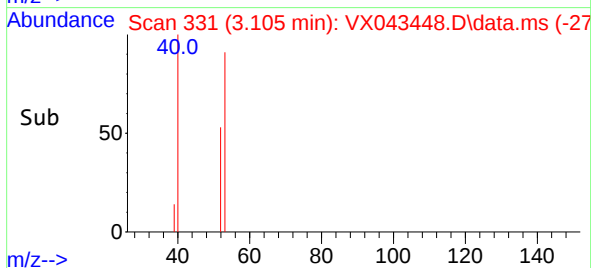
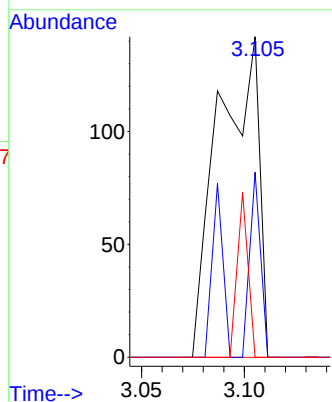
MSVOA_X

ClientSampleId :



Tgt Ion: 53 Resp: 193

Ion	Ratio	Lower	Upper
53	100		
52	15.5	67.6	101.4#
51	14.0	30.3	45.5#



#16

Acetone

Concen: 0.725 ug/l

RT: 2.386 min Scan# 213

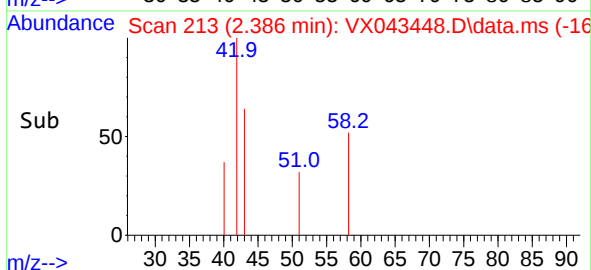
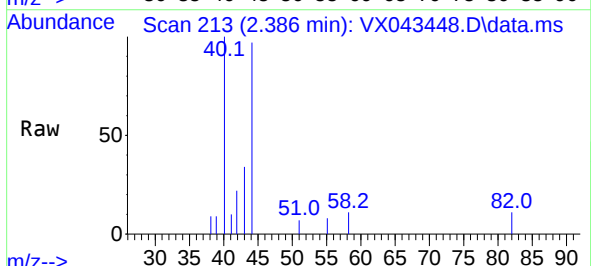
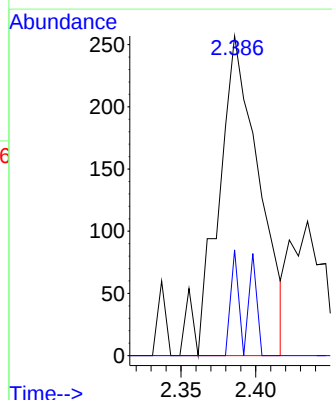
Delta R.T. -0.000 min

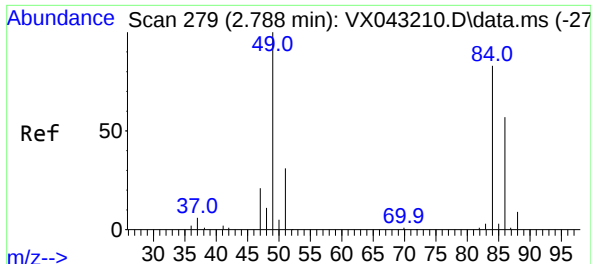
Lab File: VX043448.D

Acq: 21 Oct 2024 12:39

Tgt Ion: 43 Resp: 493

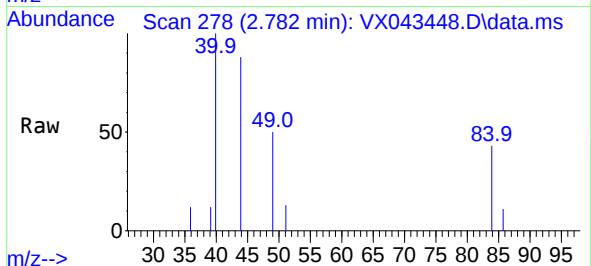
Ion	Ratio	Lower	Upper
43	100		
58	33.1	22.6	33.8



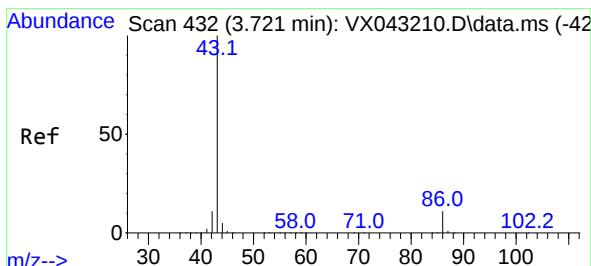
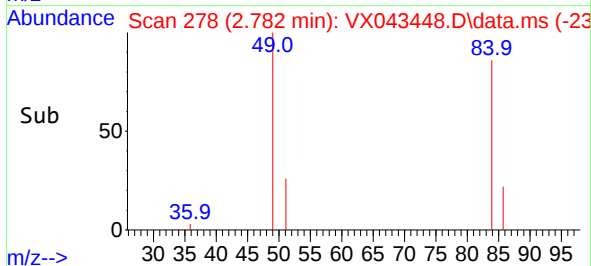
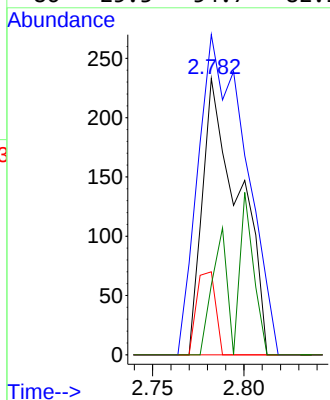


#20
Methylene Chloride
Concen: 0.258 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

Instrument :
MSVOA_X
ClientSampleId :

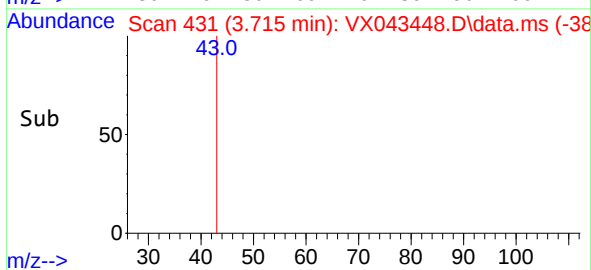
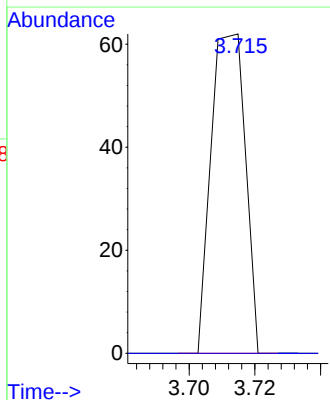
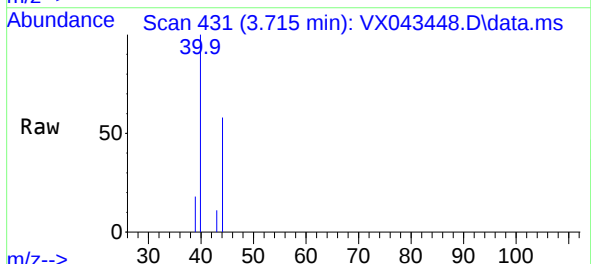


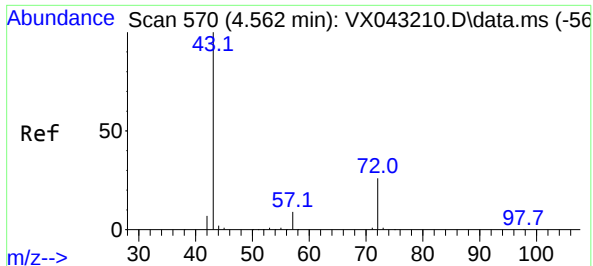
Tgt Ion: 84	Resp: 324
Ion Ratio	Lower Upper
84 100	
49 115.9	96.7 145.1
51 30.0	30.4 45.6#
86 25.3	54.7 82.1#



#23
Vinyl Acetate
Concen: 6.350 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

Tgt Ion: 43	Resp: 45		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	8.8	13.2#	

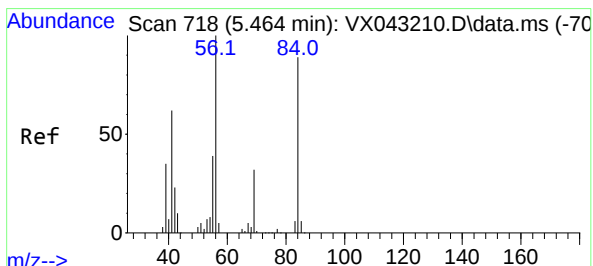
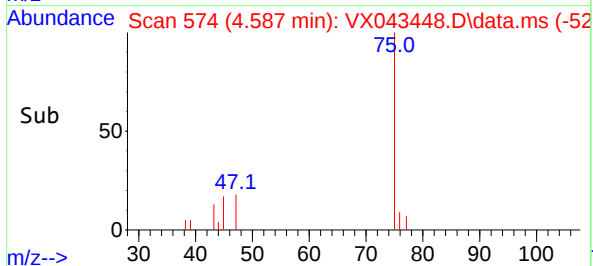
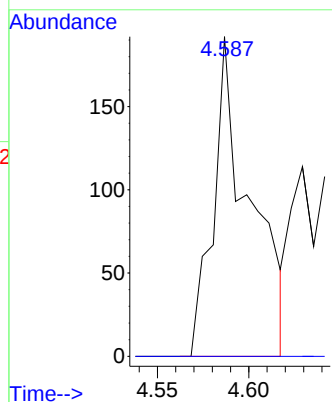
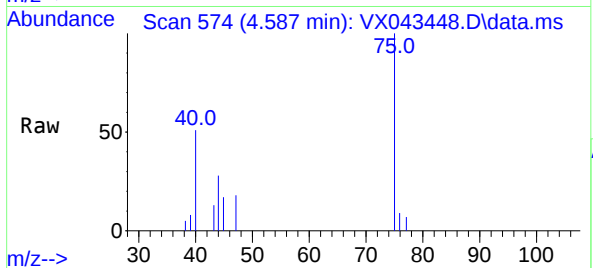




#25
2-Butanone
Concen: 0.285 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

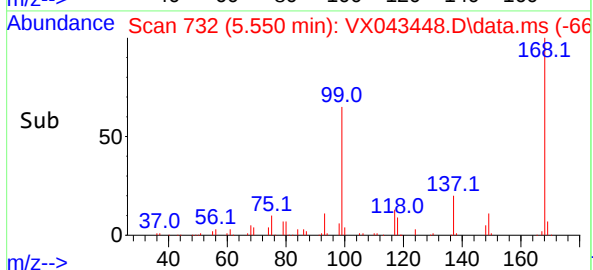
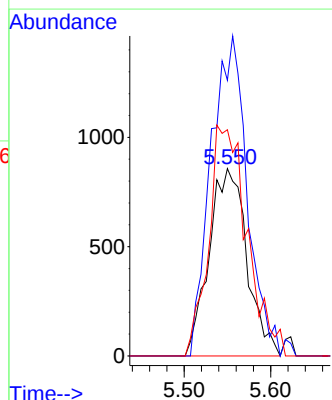
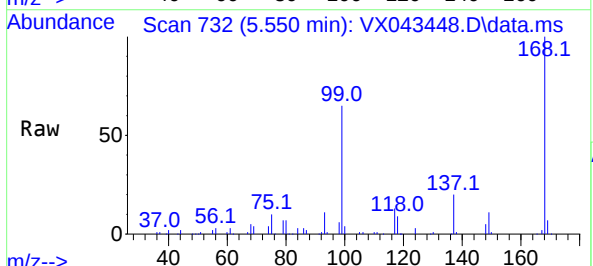
Instrument :
MSVOA_X
ClientSampleId :

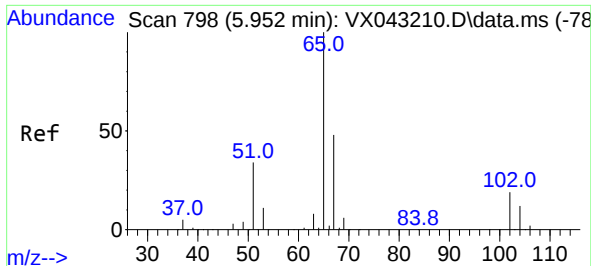
Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#31
Cyclohexane
Concen: 1.478 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

Tgt Ion: 56 Resp: 2598
Ion Ratio Lower Upper
56 100
69 147.1 25.8 38.6#
84 120.8 71.1 106.7#

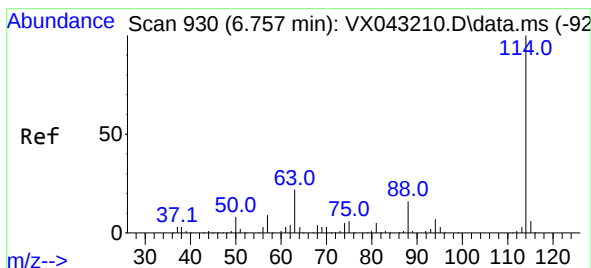
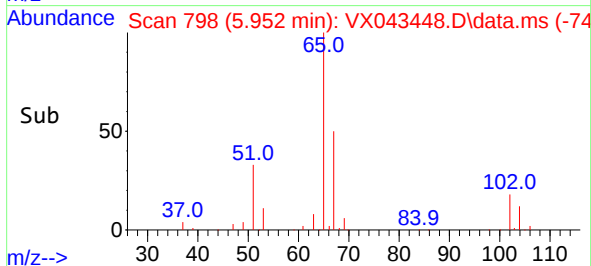
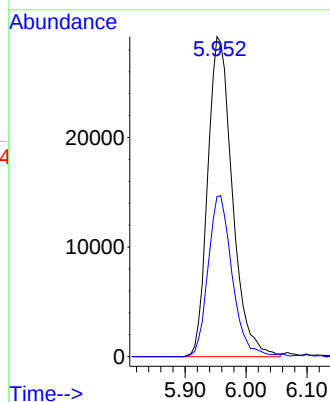
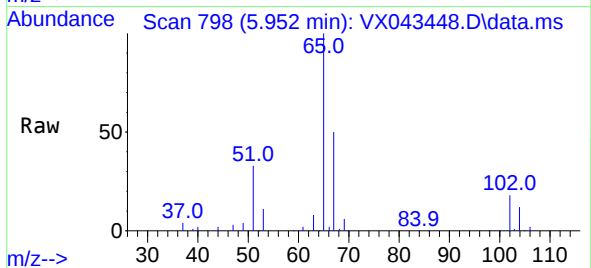




#33
1,2-Dichloroethane-d4
Concen: 50.284 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

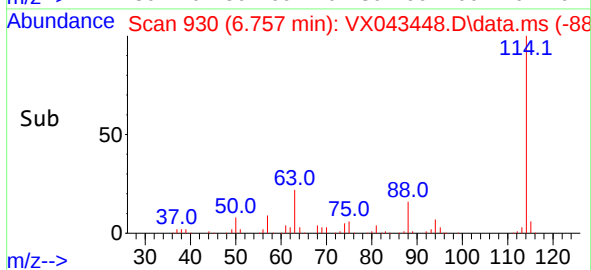
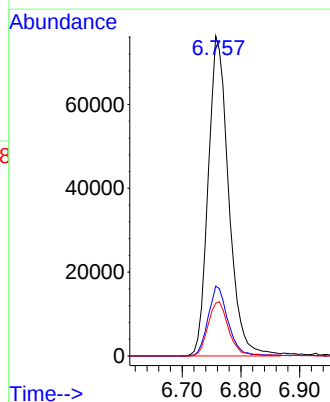
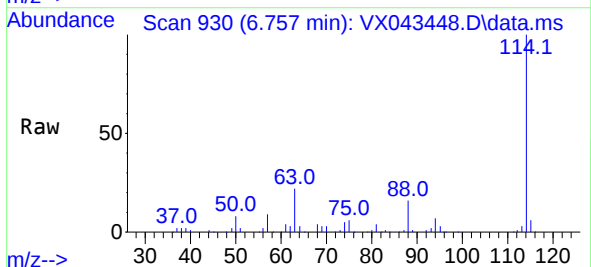
Instrument :
MSVOA_X
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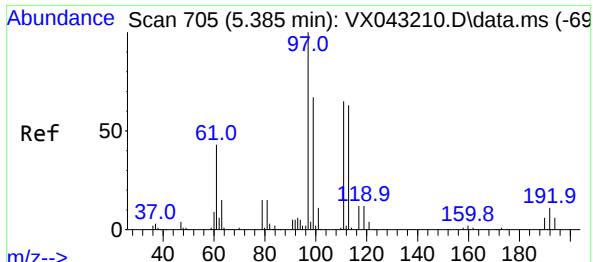
Tgt Ion: 65 Resp: 81923
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

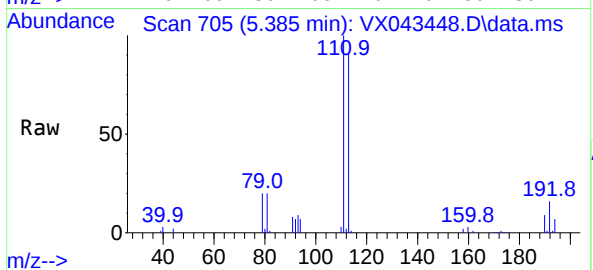
Tgt Ion: 114 Resp: 184867
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.0
88 16.4 0.0 33.0



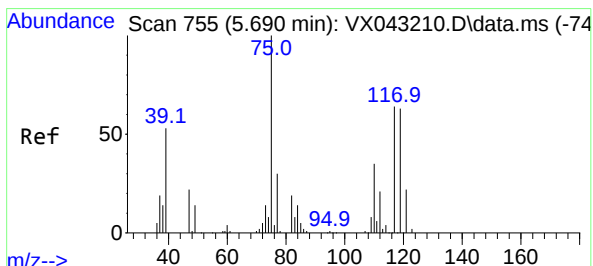
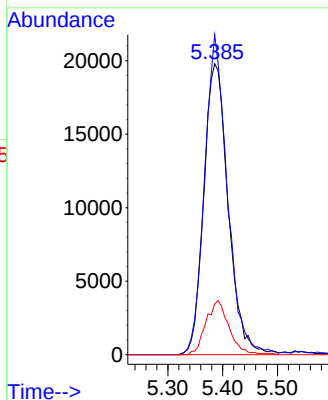
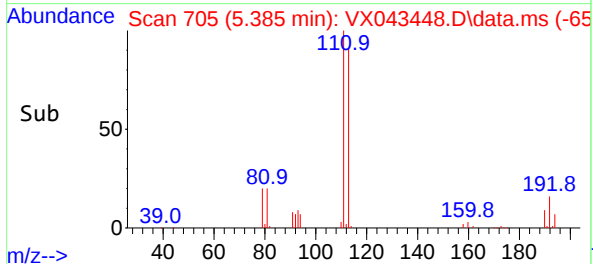


#35
Dibromofluoromethane
Concen: 48.038 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

Instrument :
MSVOA_X
ClientSampleId :

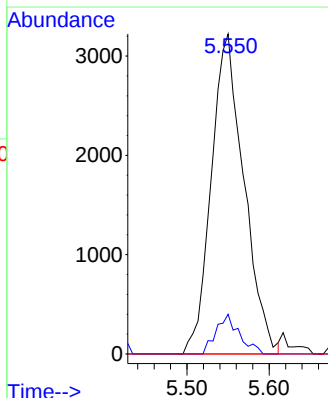
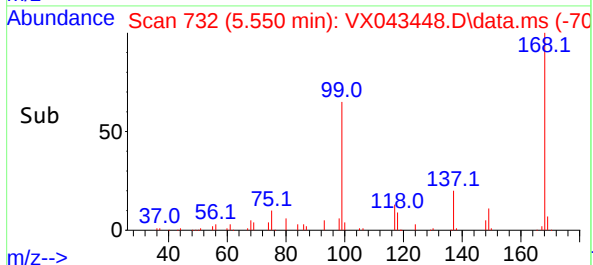
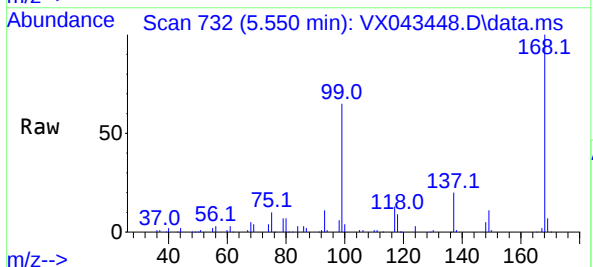


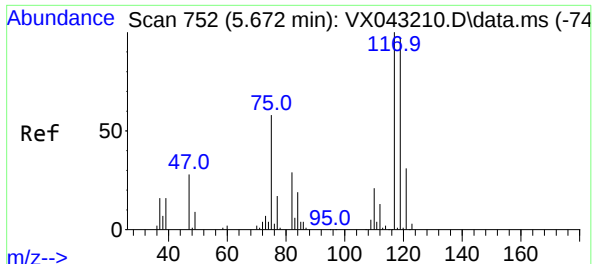
Tgt Ion:113 Resp: 61244
Ion Ratio Lower Upper
113 100
111 103.1 83.4 125.0
192 17.7 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.518 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

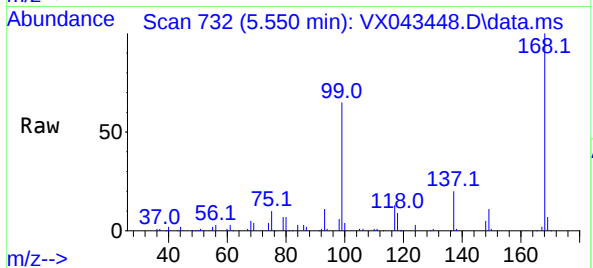
Tgt Ion: 75 Resp: 8887
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.3#
77 0.0 24.9 37.3#



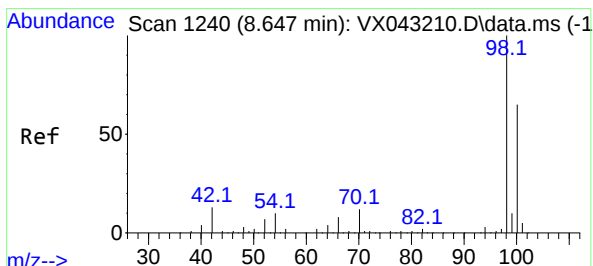
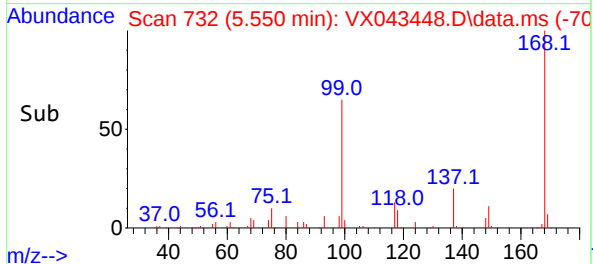
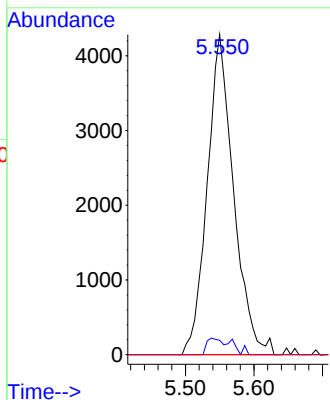


#38
Carbon Tetrachloride
Concen: 6.017 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

Instrument :
MSVOA_X
ClientSampleId :

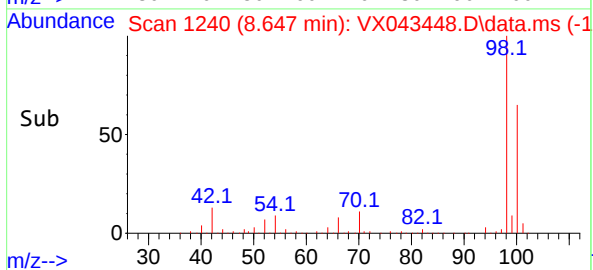
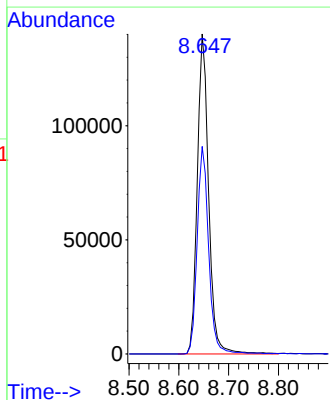
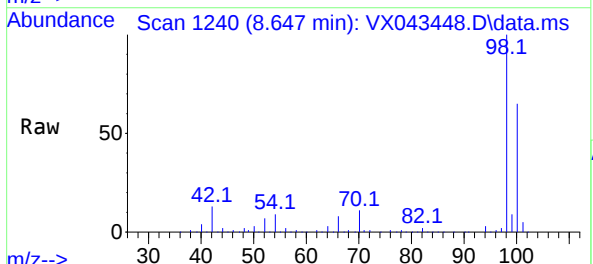


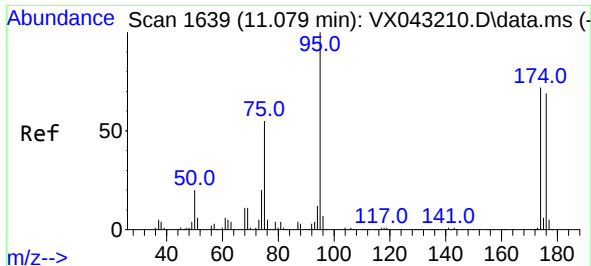
Tgt Ion:117 Resp: 11473
Ion Ratio Lower Upper
117 100
119 4.5 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 50.073 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

Tgt Ion: 98 Resp: 221233
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

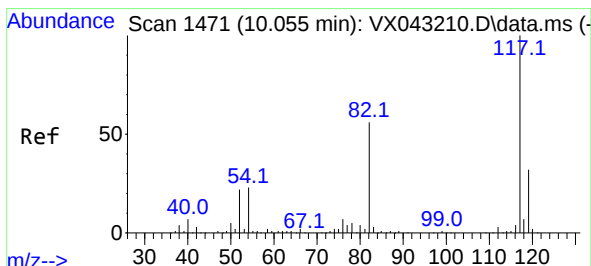
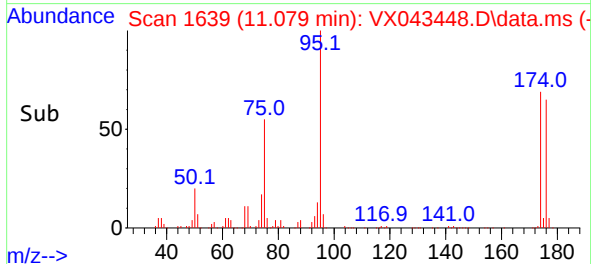
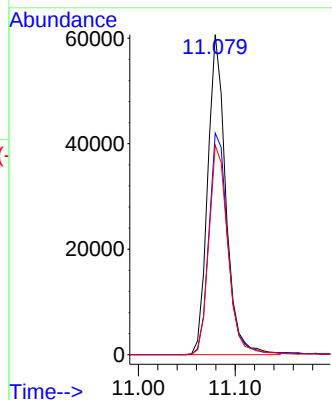
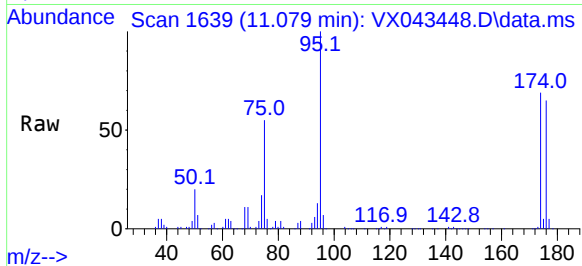




#62
4-Bromofluorobenzene
Concen: 49.131 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

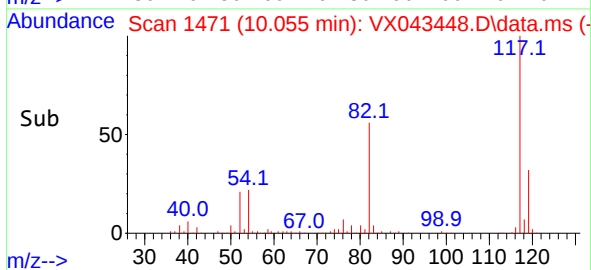
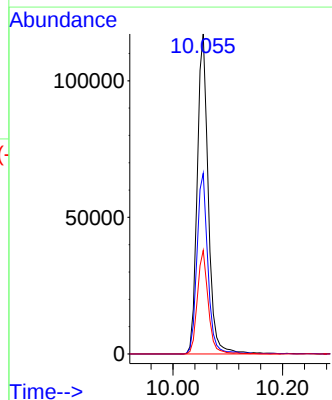
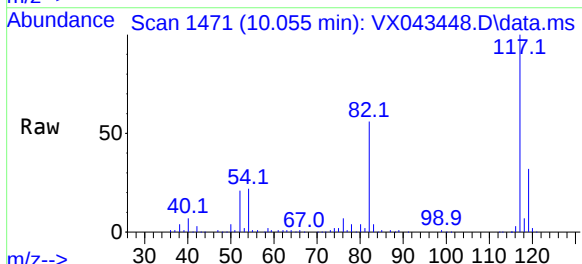
Instrument :
MSVOA_X
ClientSampleId :

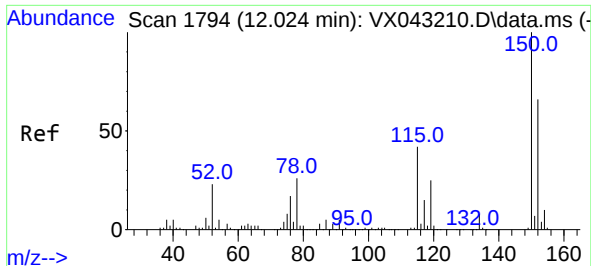
Tgt Ion: 95 Resp: 78859
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.0
176 69.2 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

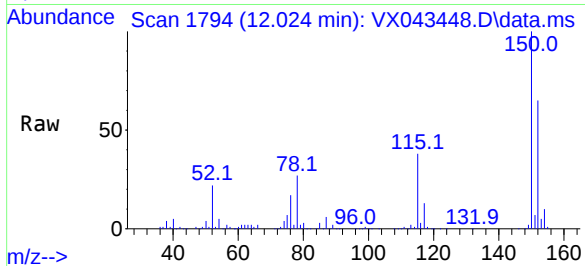
Tgt Ion: 117 Resp: 165030
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.6
119 32.3 25.3 37.9



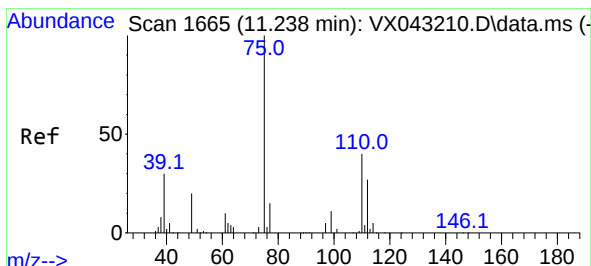
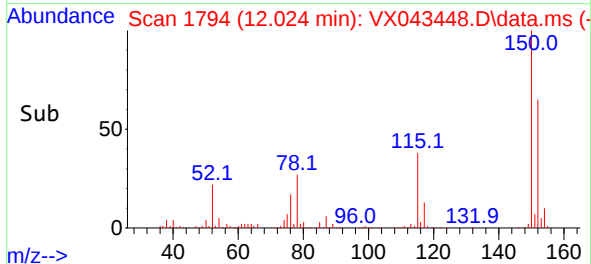
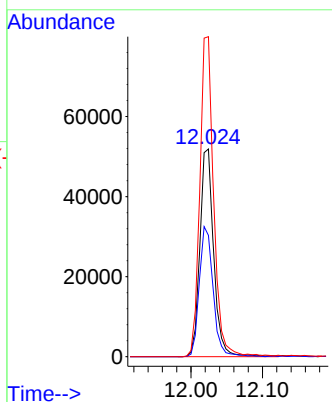


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

Instrument :
MSVOA_X
ClientSampleId :

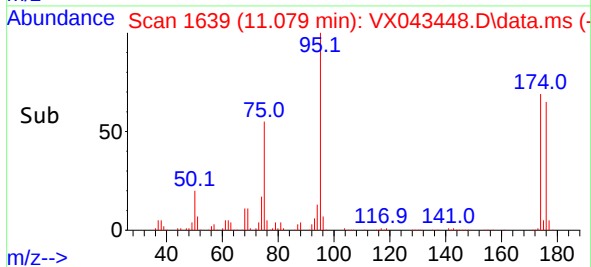
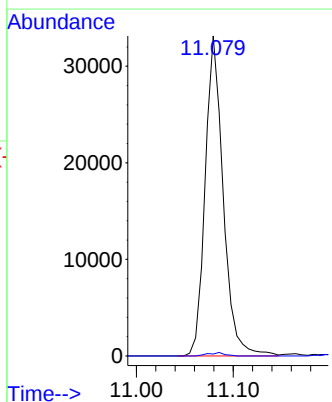
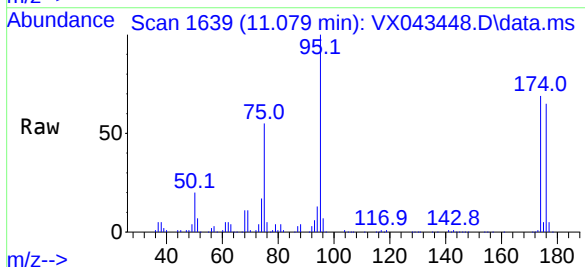


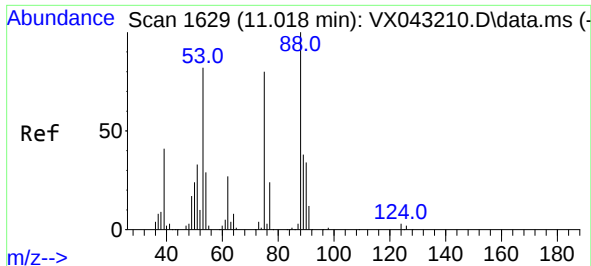
Tgt Ion:152 Resp: 69736
Ion Ratio Lower Upper
152 100
115 62.7 44.1 132.3
150 154.5 0.0 347.4



#76
1,2,3-Trichloropropane
Concen: 27.862 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

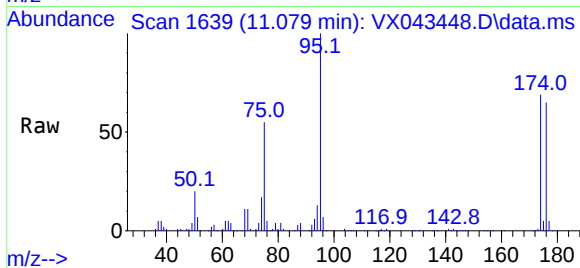
Tgt Ion: 75 Resp: 43097
Ion Ratio Lower Upper
75 100
77 1.0 22.0 66.0#



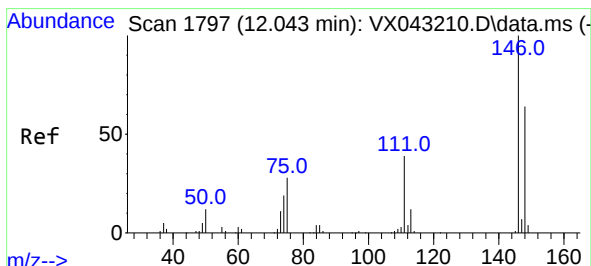
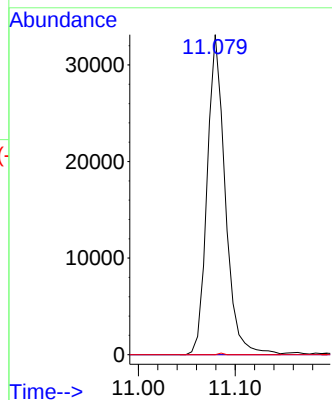
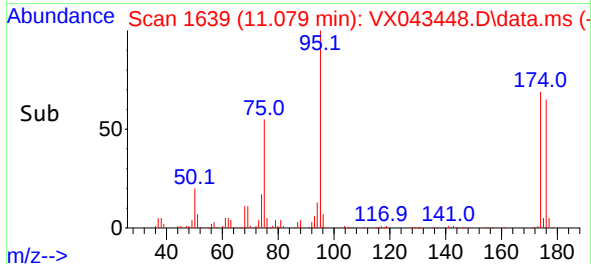


#81
trans-1,4-Dichloro-2-butene
Concen: 72.208 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

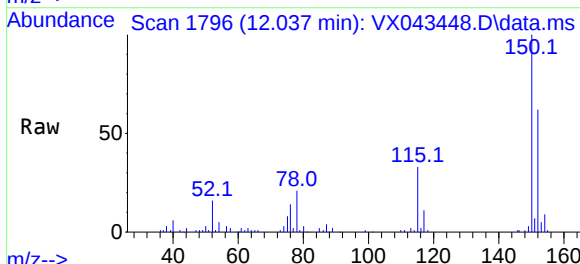
Instrument :
MSVOA_X
ClientSampleId :



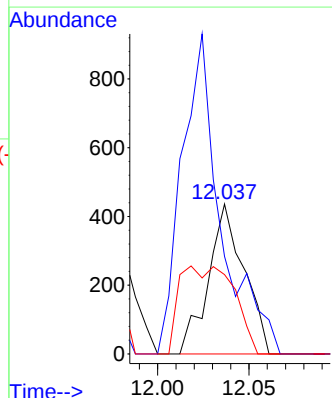
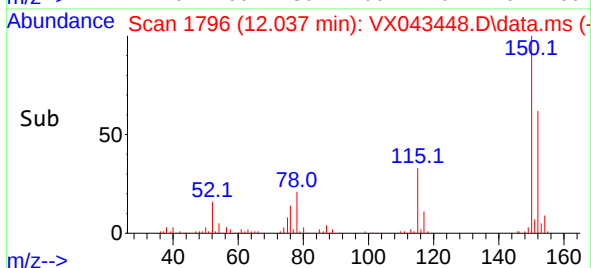
Tgt Ion: 75 Resp: 43097
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.1 38.6 58.0#

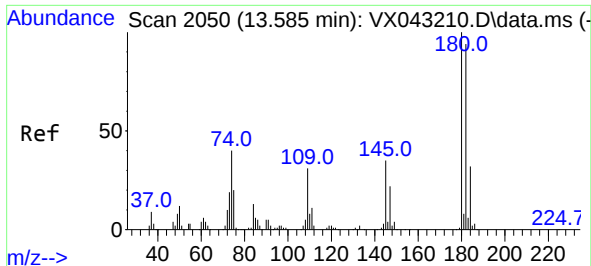


#88
1,4-Dichlorobenzene
Concen: 0.247 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39



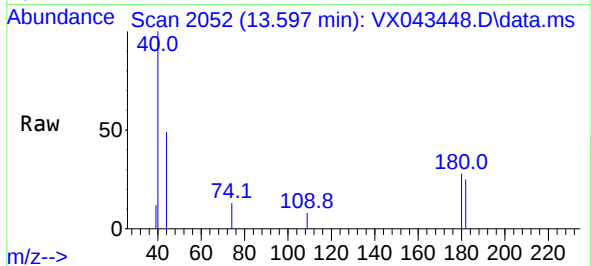
Tgt Ion: 146 Resp: 591
Ion Ratio Lower Upper
146 100
111 234.0 20.8 62.5#
148 90.4 32.4 97.0



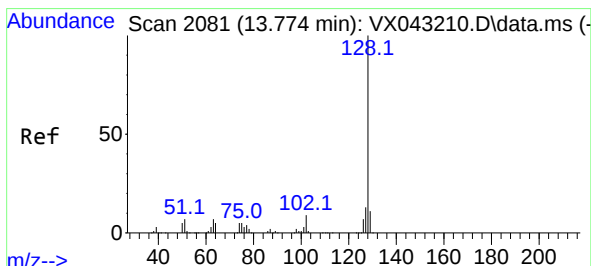
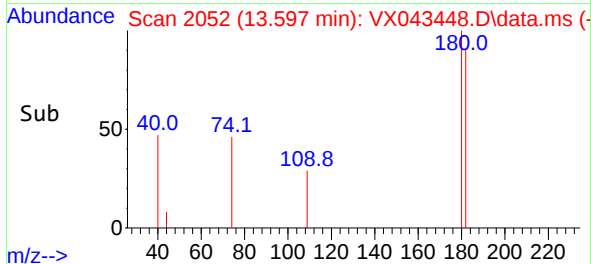
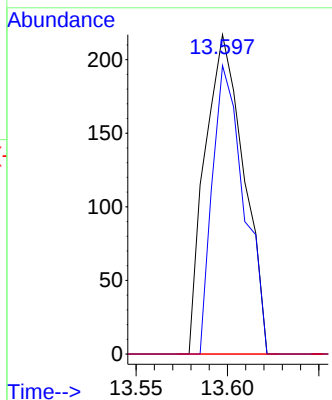


#93
1,2,4-Trichlorobenzene
Concen: 0.234 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

Instrument :
MSVOA_X
ClientSampleId :

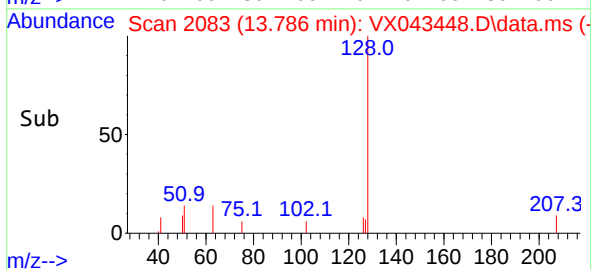
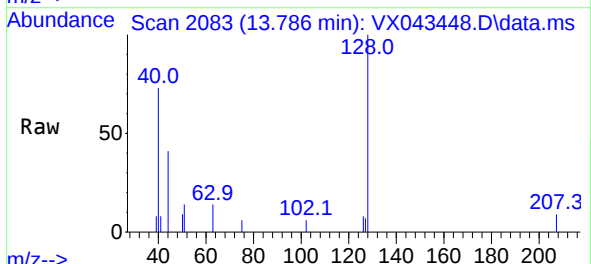
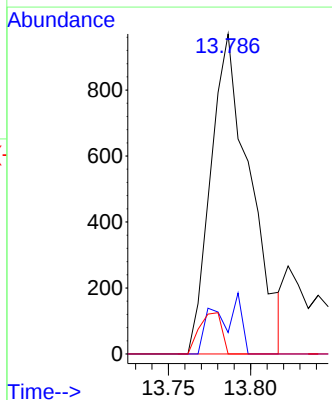


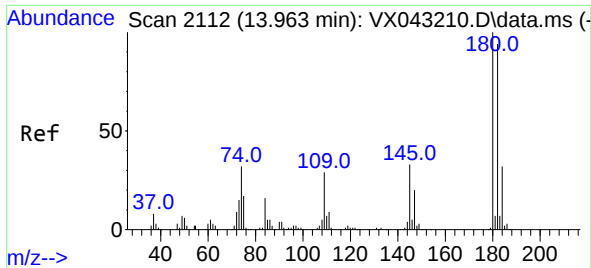
Tgt Ion:180 Resp: 321
Ion Ratio Lower Upper
180 100
182 73.8 47.1 141.3
145 0.0 16.6 49.8#



#95
Naphthalene
Concen: 0.321 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX043448.D
Acq: 21 Oct 2024 12:39

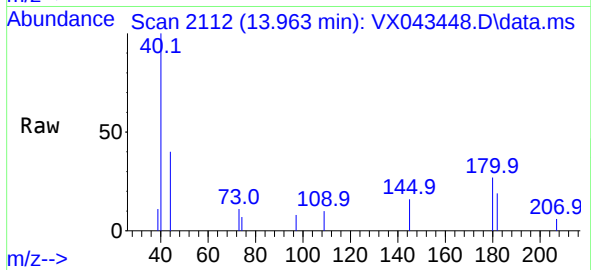
Tgt Ion:128 Resp: 1615
Ion Ratio Lower Upper
128 100
127 11.7 10.2 15.2
129 7.2 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.216 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX043448.D
 Acq: 21 Oct 2024 12:39

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	306
Ion	Ratio	Lower	Upper
180	100		
182	97.7	46.5	139.3
145	30.4	17.2	51.6

