

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101124\
 Data File : VX043365.D
 Acq On : 11 Oct 2024 14:04
 Operator : JC/MD
 Sample : P4388-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 14 02:47:31 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)

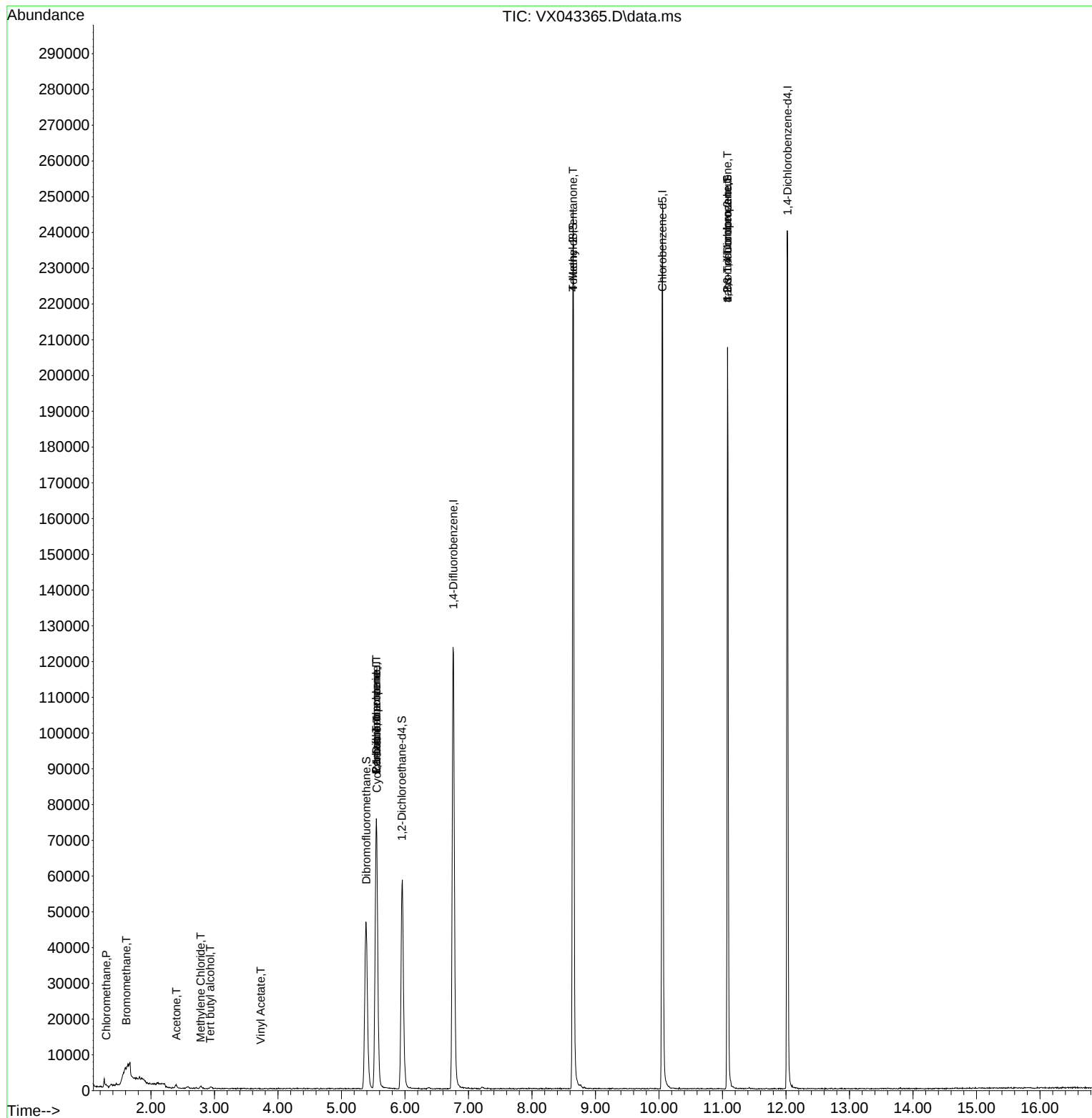
Internal Standards						
1) Pentafluorobenzene	5.550	168	67560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126634	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60369	54.714	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.420%	
35) Dibromofluoromethane	5.391	113	41779	47.839	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.680%	
50) Toluene-d8	8.647	98	147896	48.868	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.740%	
62) 4-Bromofluorobenzene	11.079	95	54953	49.980	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	391	0.483	ug/l #	61
5) Bromomethane	1.612	94	71	0.214	ug/l #	2
11) Tert butyl alcohol	2.935	59	162	0.772	ug/l #	71
16) Acetone	2.398	43	1118	2.426	ug/l #	89
20) Methylene Chloride	2.782	84	486	0.572	ug/l	90
23) Vinyl Acetate	3.727	43	38	6.353	ug/l #	71
31) Cyclohexane	5.556	56	1674	1.406	ug/l #	22
36) 1,1-Dichloropropene	5.550	75	5972	5.413	ug/l #	46
38) Carbon Tetrachloride	5.550	117	7820	5.987	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	780	0.587	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31405	28.997	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	31405	75.149	ug/l #	8

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

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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



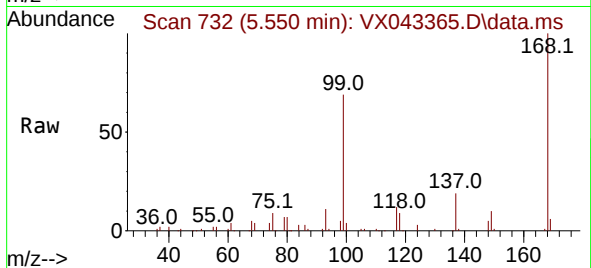


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043365.D
Acq: 11 Oct 2024 14:04

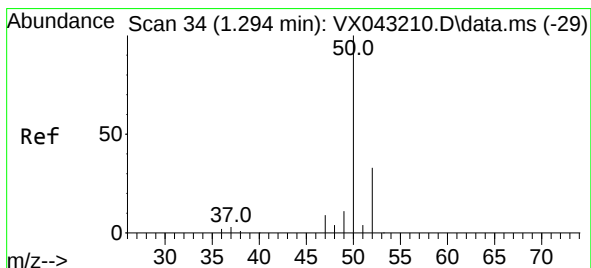
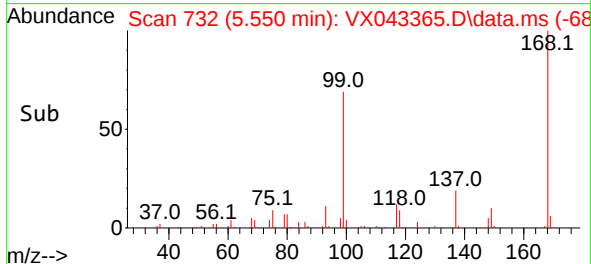
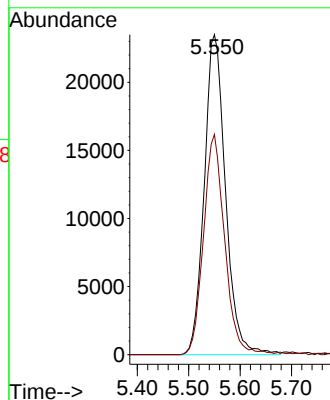
Instrument :

MSVOA_X

ClientSampleId :

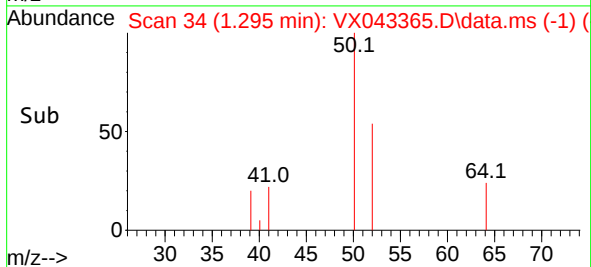
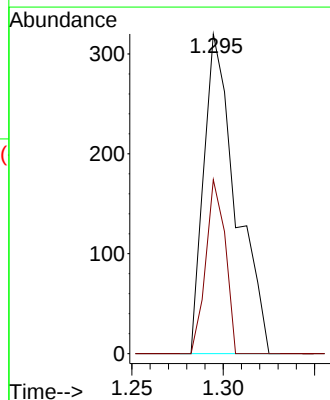
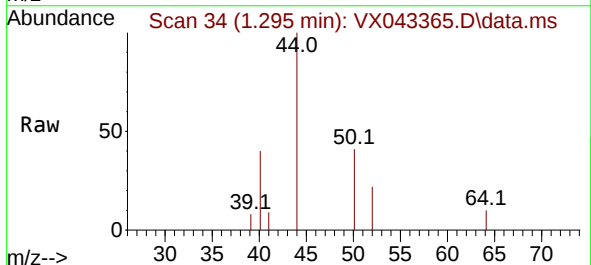


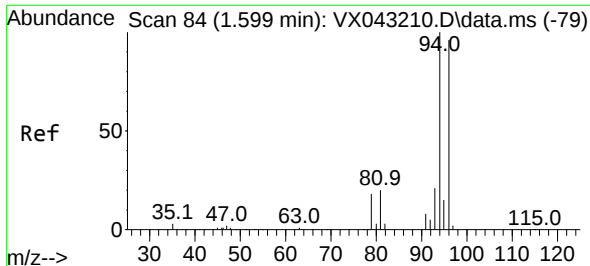
Tgt Ion:168 Resp: 67560
Ion Ratio Lower Upper
168 100
99 68.8 49.7 74.5



#3
Chloromethane
Concen: 0.483 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX043365.D
Acq: 11 Oct 2024 14:04

Tgt Ion: 50 Resp: 391
Ion Ratio Lower Upper
50 100
52 54.4 26.1 39.1#

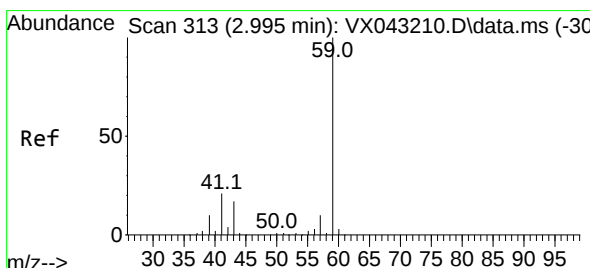
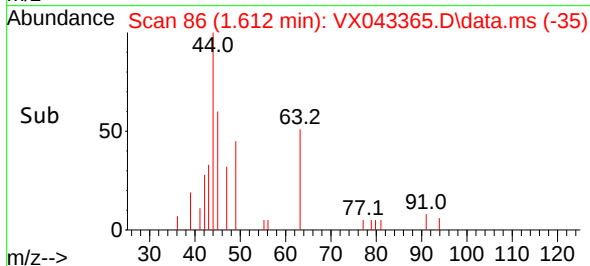
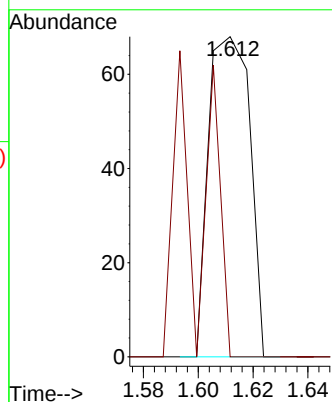
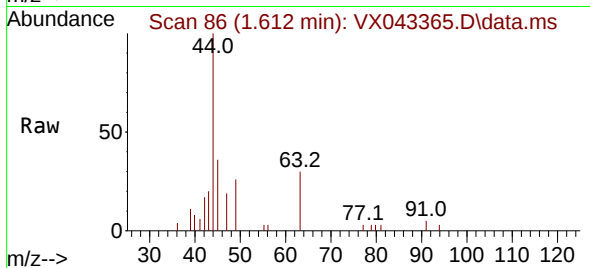




#5
Bromomethane
Concen: 0.214 ug/l
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX043365.D
Acq: 11 Oct 2024 14:04

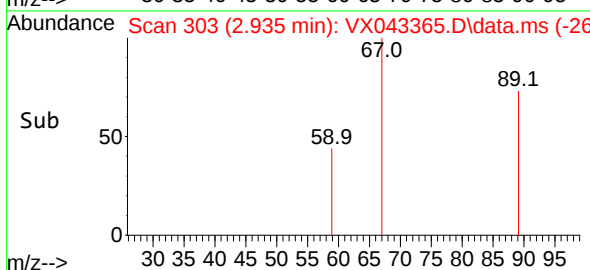
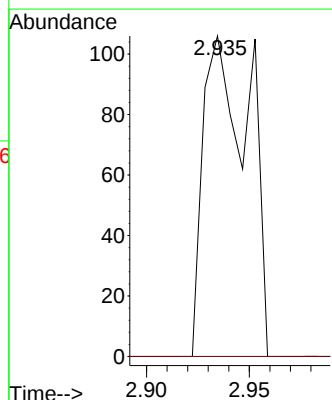
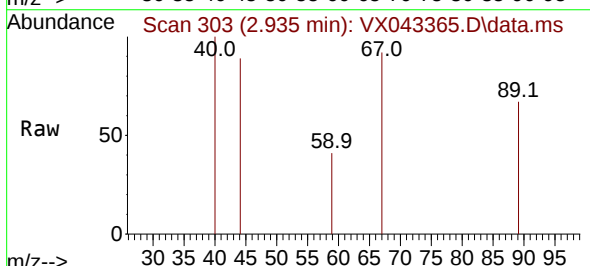
Instrument :
MSVOA_X
ClientSampleId :

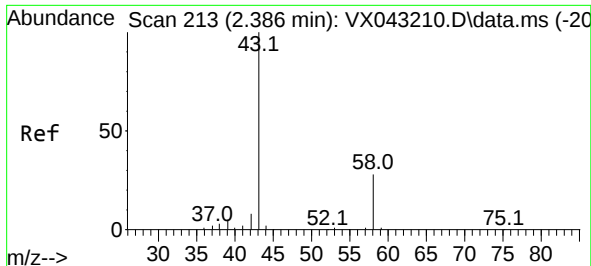
Tgt Ion: 94 Resp: 71
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#



#11
Tert butyl alcohol
Concen: 0.772 ug/l
RT: 2.935 min Scan# 303
Delta R.T. -0.061 min
Lab File: VX043365.D
Acq: 11 Oct 2024 14:04

Tgt Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

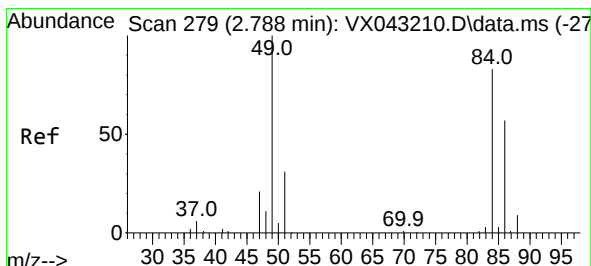
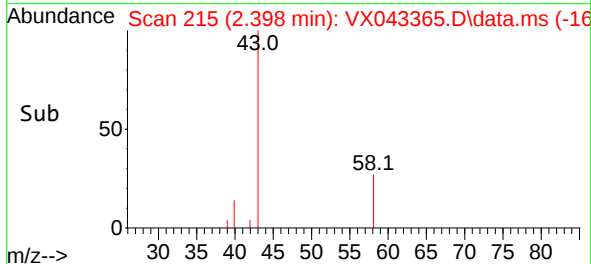
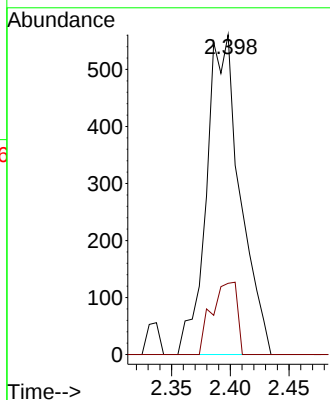
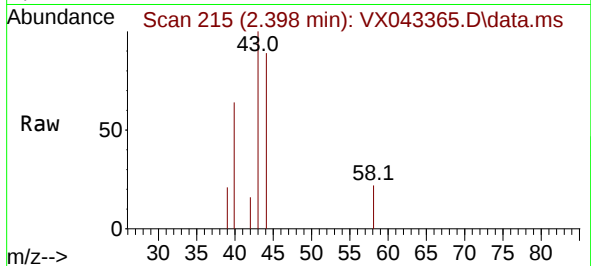




#16
Acetone
Concen: 2.426 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX043365.D
Acq: 11 Oct 2024 14:04

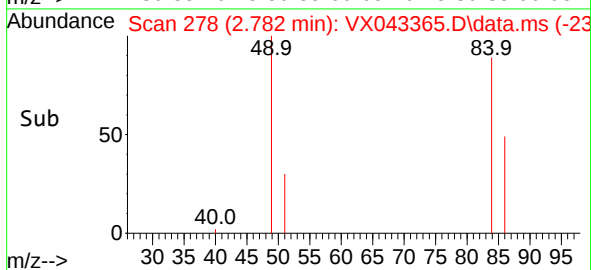
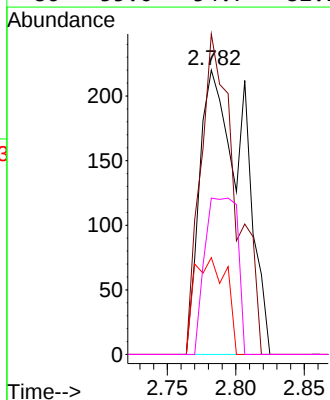
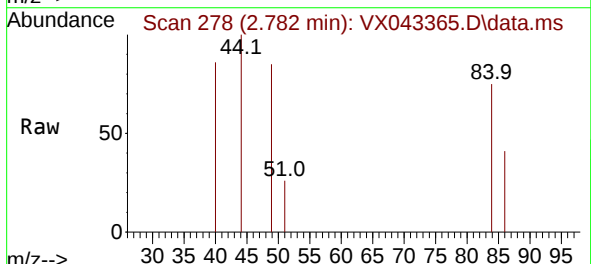
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1118
Ion Ratio Lower Upper
43 100
58 22.3 22.6 33.8#



#20
Methylene Chloride
Concen: 0.572 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX043365.D
Acq: 11 Oct 2024 14:04

Tgt Ion: 84 Resp: 486
Ion Ratio Lower Upper
84 100
49 112.7 96.7 145.1
51 34.1 30.4 45.6
86 55.0 54.7 82.1

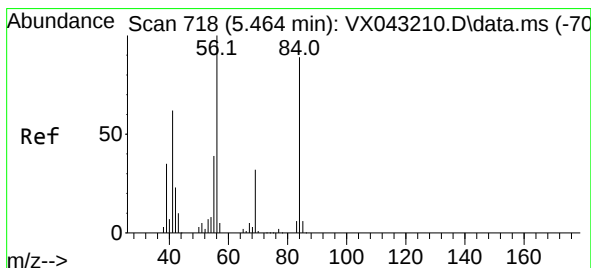
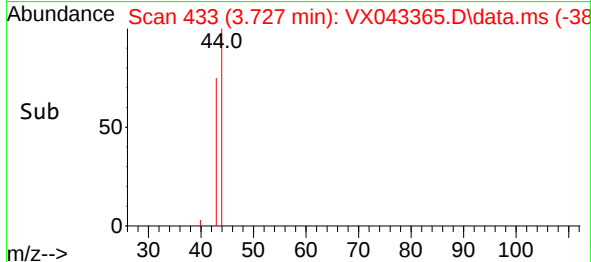
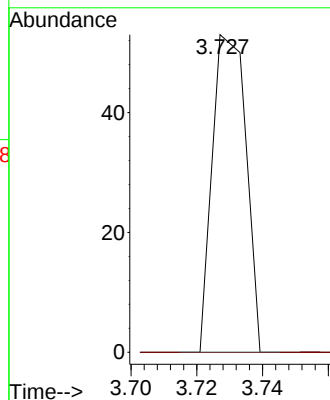
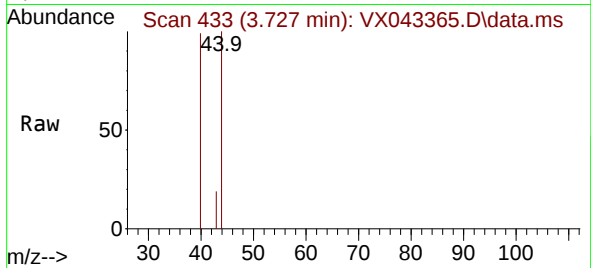




#23
 Vinyl Acetate
 Concen: 6.353 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX043365.D
 Acq: 11 Oct 2024 14:04

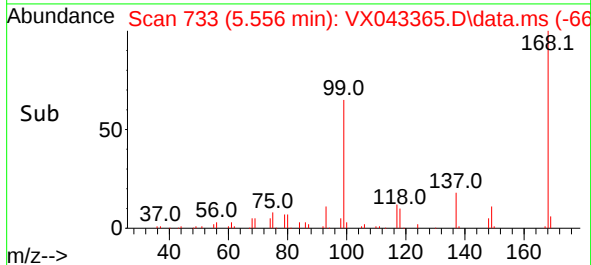
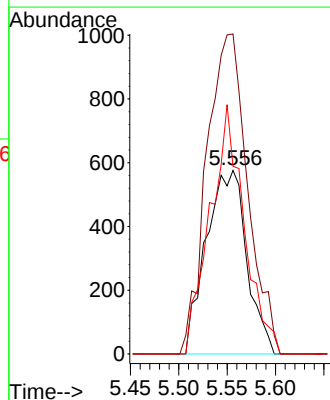
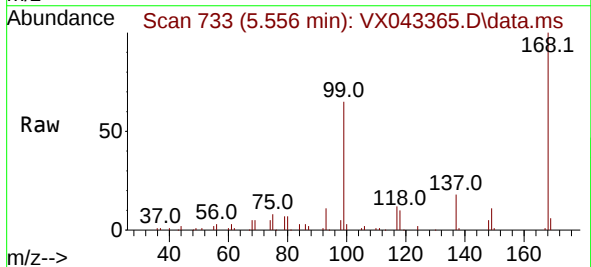
Instrument :
 MSVOA_X
 ClientSampleId :

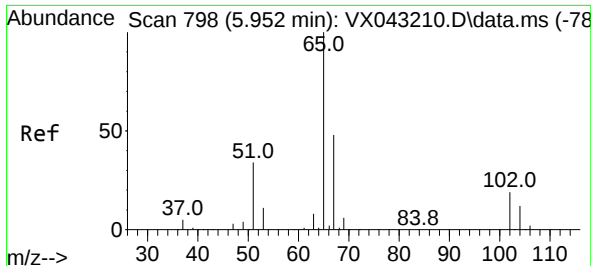
Tgt Ion: 43 Resp: 38
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#31
 Cyclohexane
 Concen: 1.406 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.092 min
 Lab File: VX043365.D
 Acq: 11 Oct 2024 14:04

Tgt Ion: 56 Resp: 1674
 Ion Ratio Lower Upper
 56 100
 69 174.3 25.8 38.6#
 84 102.3 71.1 106.7





#33

1,2-Dichloroethane-d4

Concen: 54.714 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043365.D

Acq: 11 Oct 2024 14:04

Instrument :

MSVOA_X

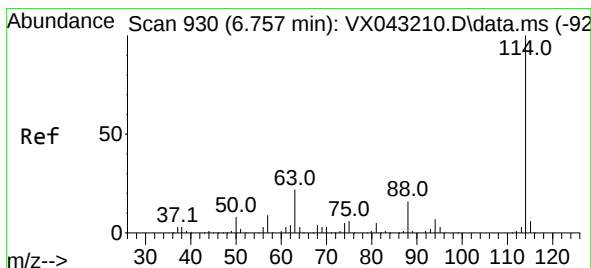
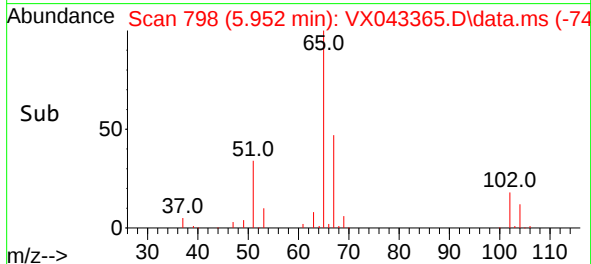
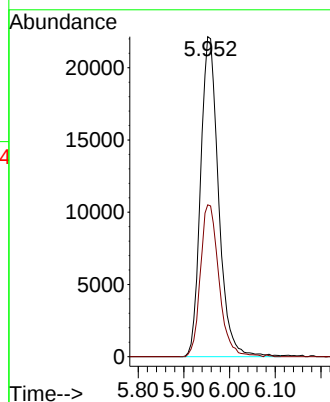
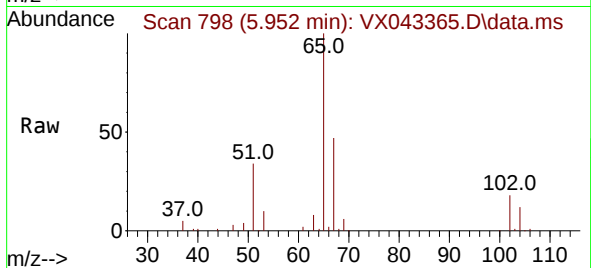
ClientSampleId :

Tgt Ion: 65 Resp: 60369

Ion Ratio Lower Upper

65 100

67 48.9 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043365.D

Acq: 11 Oct 2024 14:04

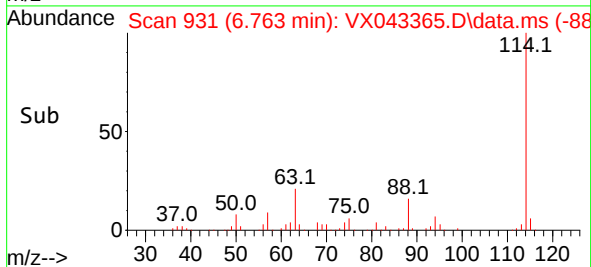
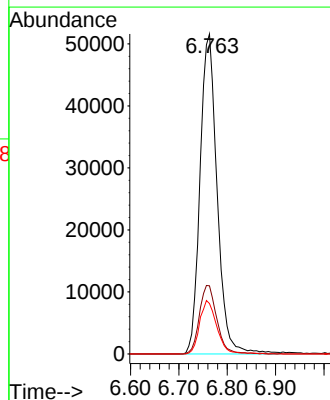
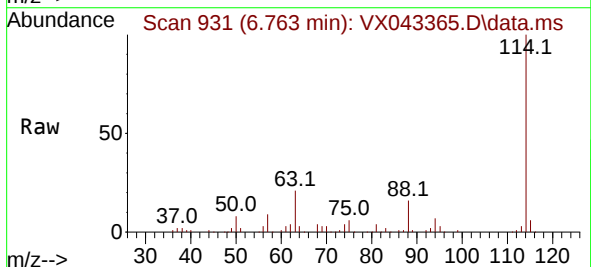
Tgt Ion: 114 Resp: 126634

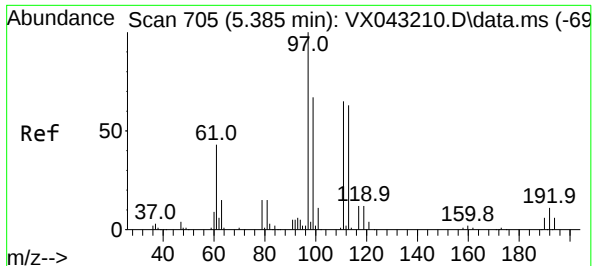
Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.0

88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.839 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

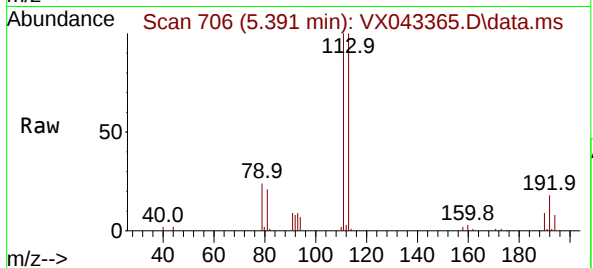
Lab File: VX043365.D

Acq: 11 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :



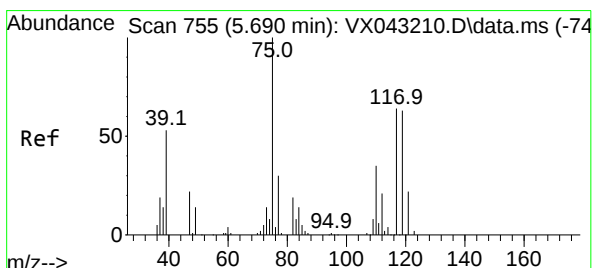
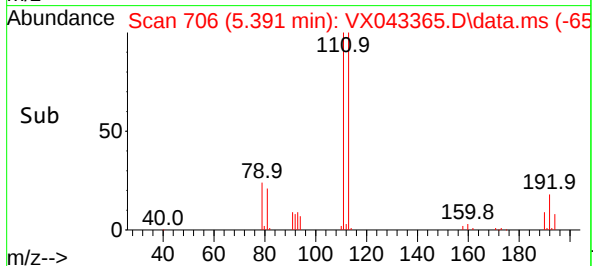
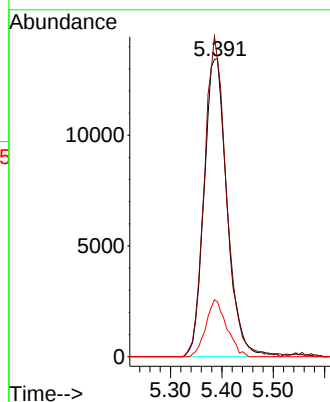
Tgt Ion:113 Resp: 41779

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.0

192 17.3 14.1 21.1



#36

1,1-Dichloropropene

Concen: 5.413 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX043365.D

Acq: 11 Oct 2024 14:04

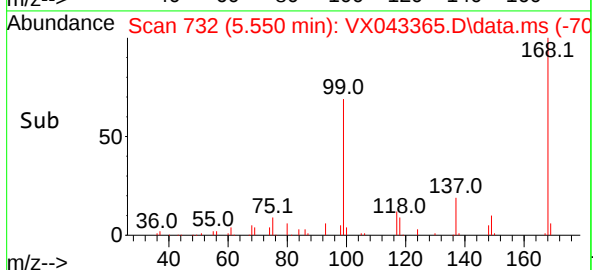
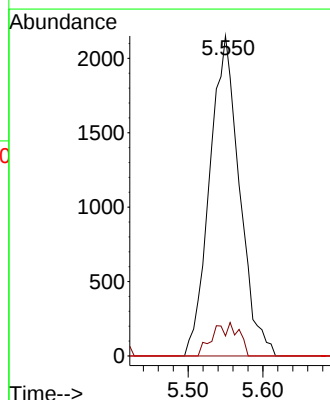
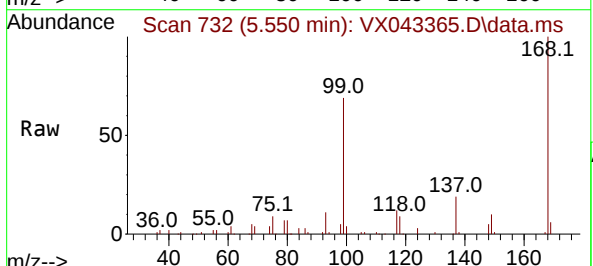
Tgt Ion: 75 Resp: 5972

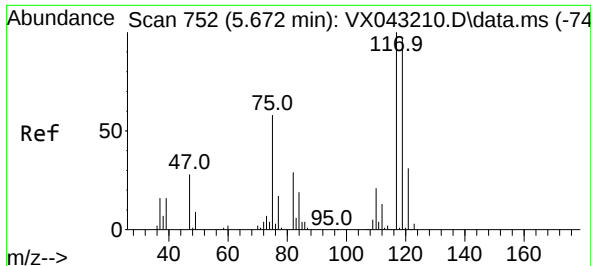
Ion Ratio Lower Upper

75 100

110 5.0 17.8 53.3#

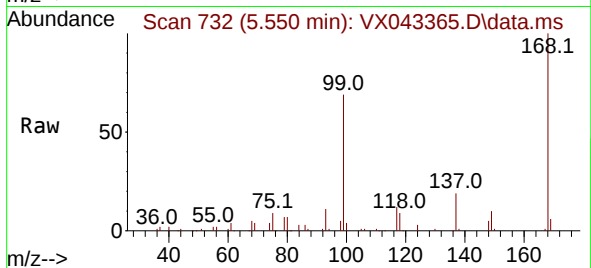
77 0.0 24.9 37.3#



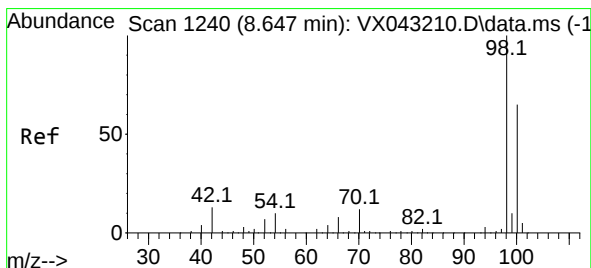
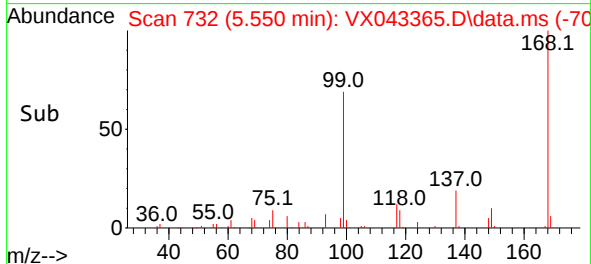
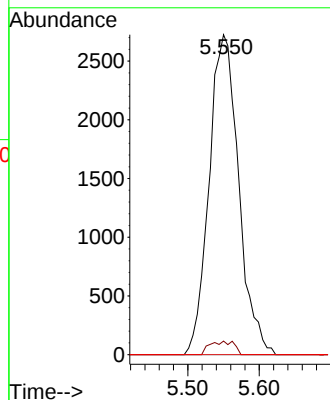


#38
Carbon Tetrachloride
Concen: 5.987 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043365.D
Acq: 11 Oct 2024 14:04

Instrument :
MSVOA_X
ClientSampleId :

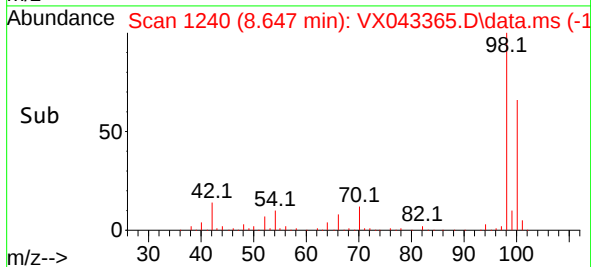
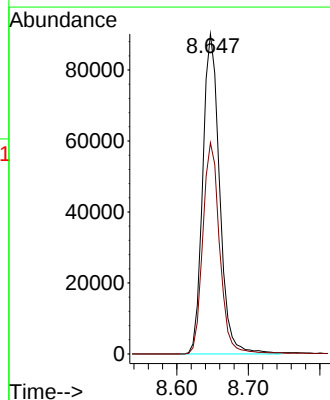
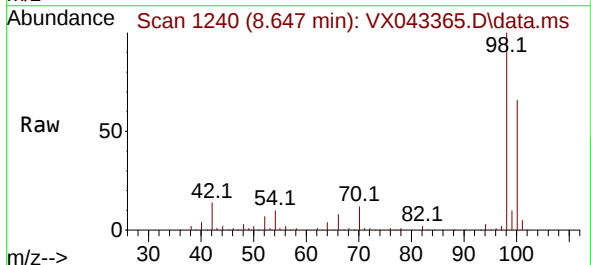


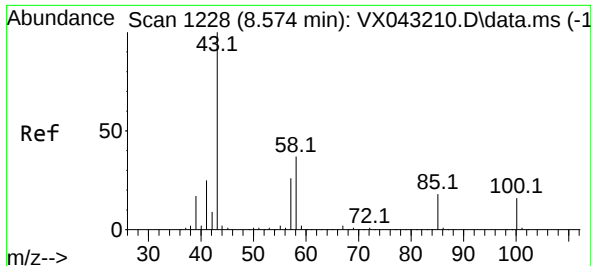
Tgt Ion:117 Resp: 7820
Ion Ratio Lower Upper
117 100
119 4.2 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 48.868 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043365.D
Acq: 11 Oct 2024 14:04

Tgt Ion: 98 Resp: 147896
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6

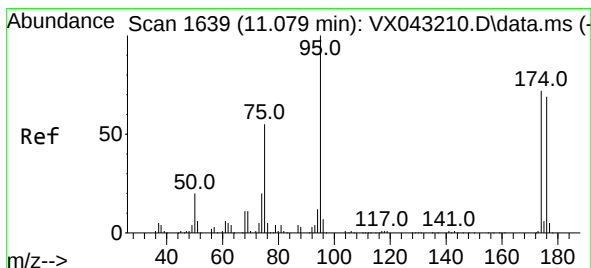
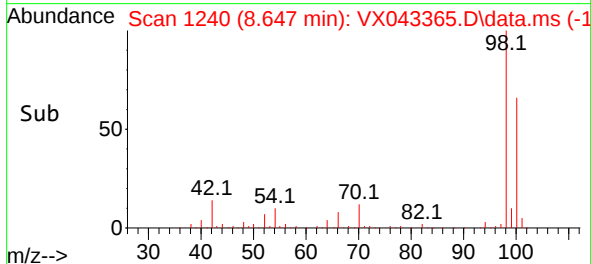
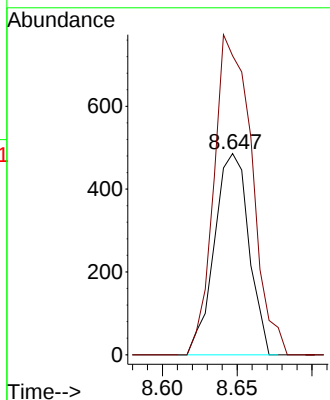
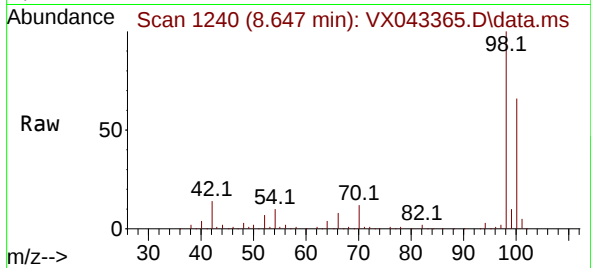




#51
4-Methyl-2-Pentanone
Concen: 0.587 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX043365.D
Acq: 11 Oct 2024 14:04

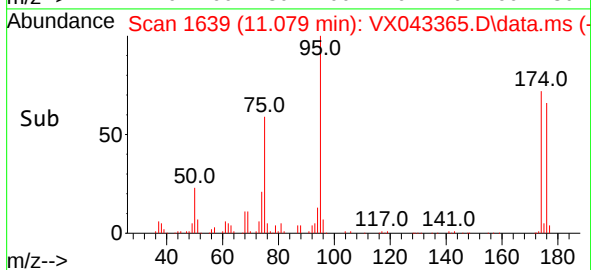
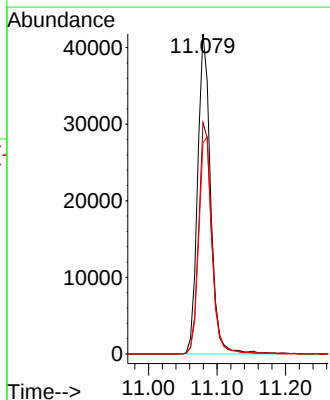
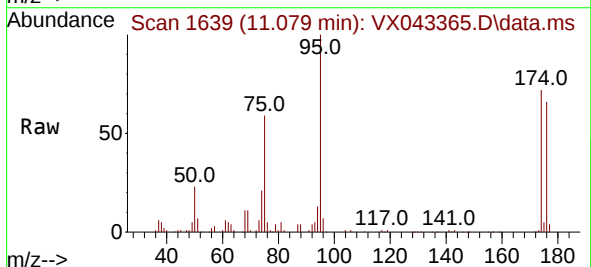
Instrument :
MSVOA_X
ClientSampleId :

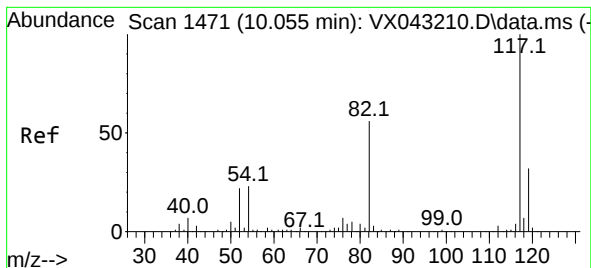
Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 173.5 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 49.980 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043365.D
Acq: 11 Oct 2024 14:04

Tgt Ion: 95 Resp: 54953
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.0
176 69.5 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: VX043365.D

Acq: 11 Oct 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

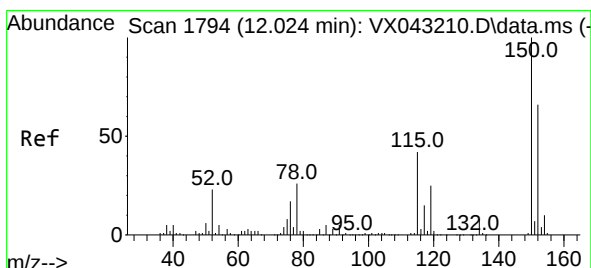
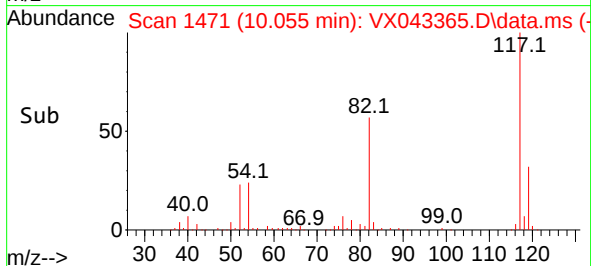
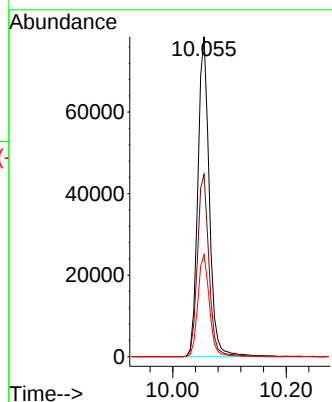
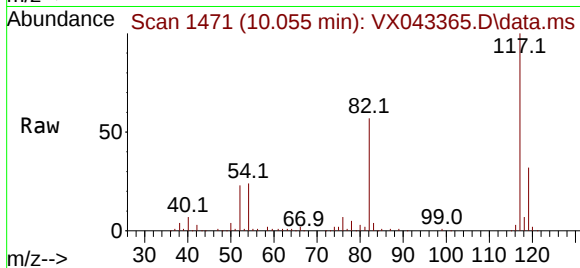
Tgt Ion:117 Resp: 110178

Ion Ratio Lower Upper

117 100

82 57.0 45.0 67.6

119 31.9 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX043365.D

Acq: 11 Oct 2024 14:04

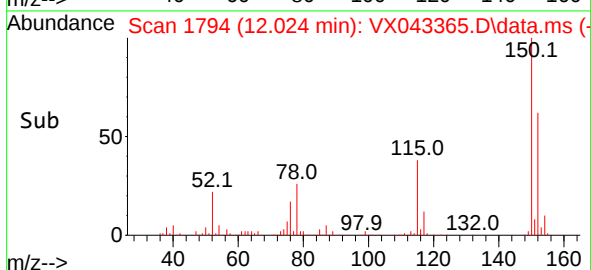
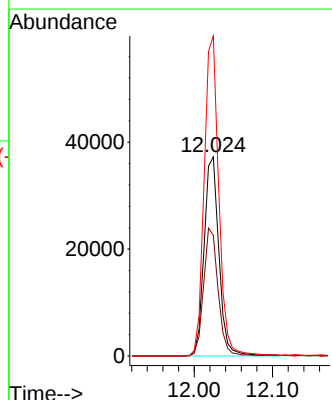
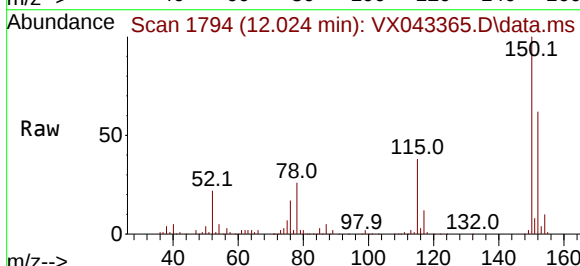
Tgt Ion:152 Resp: 48828

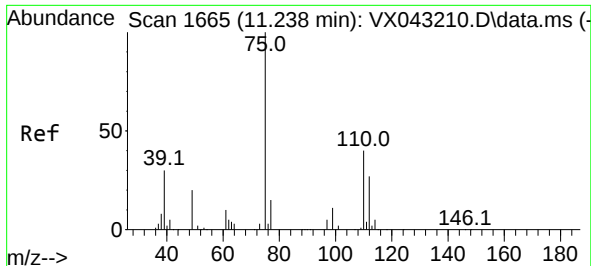
Ion Ratio Lower Upper

152 100

115 63.2 44.1 132.3

150 159.1 0.0 347.4

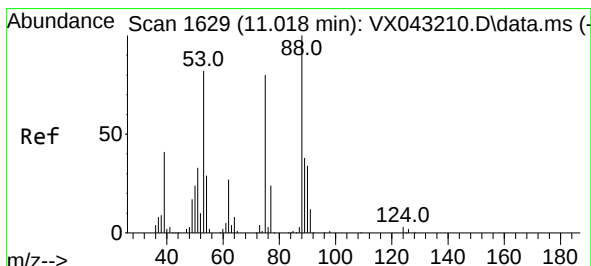
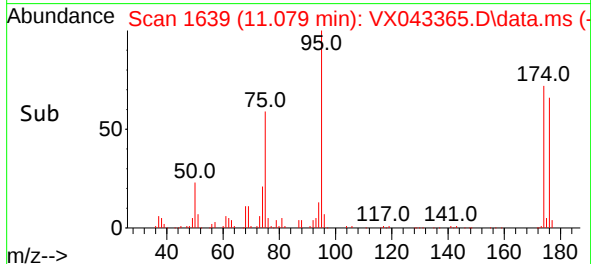
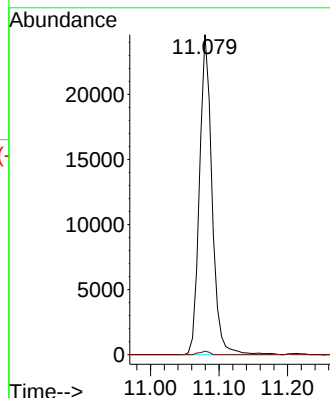
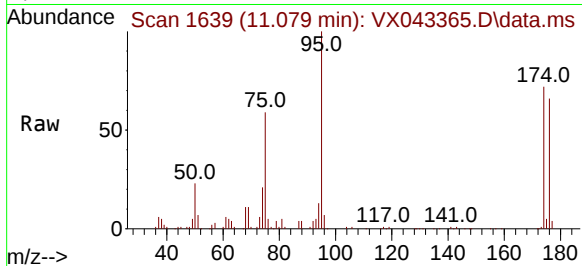




#76
1,2,3-Trichloropropane
Concen: 28.997 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043365.D
Acq: 11 Oct 2024 14:04

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 31405
Ion Ratio Lower Upper
75 100
77 0.9 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.149 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043365.D
Acq: 11 Oct 2024 14:04

Tgt Ion: 75 Resp: 31405
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

