

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100324\
 Data File : VX043246.D
 Acq On : 03 Oct 2024 09:00
 Operator : JC/MD
 Sample : VX1003WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBL01

Quant Time: Oct 04 01:24:55 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)

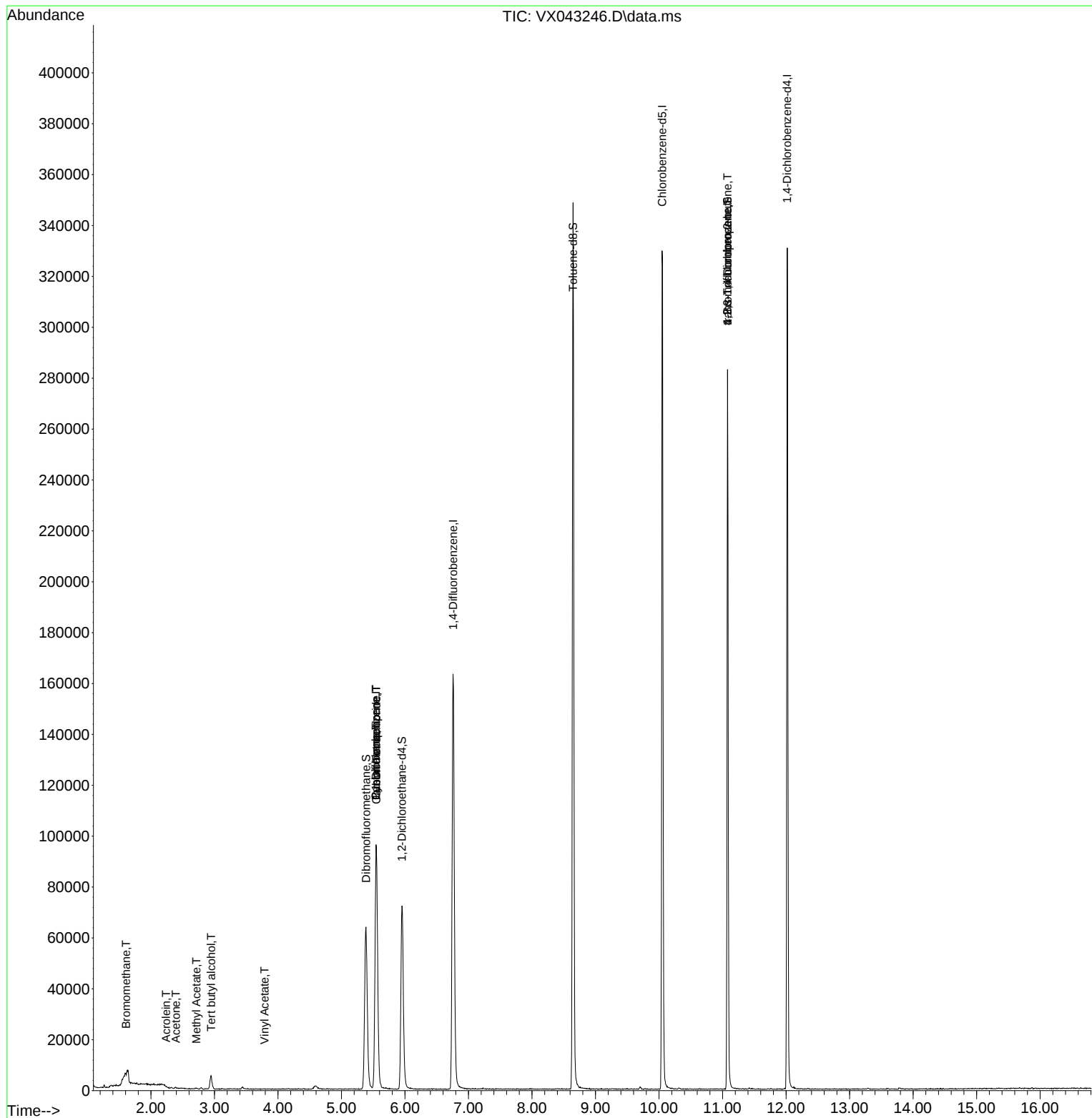
Internal Standards						
1) Pentafluorobenzene	5.544	168	87367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	169225	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	150252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74923	52.510	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.020%			
35) Dibromofluoromethane	5.385	113	55843	47.850	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.700%			
50) Toluene-d8	8.647	98	203106	50.220	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.440%			
62) 4-Bromofluorobenzene	11.079	95	72998	49.683	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.360%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	176	0.411	ug/l #	2
11) Tert butyl alcohol	2.947	59	2834	10.438	ug/l #	71
13) Acrolein	2.239	56	164	0.640	ug/l #	53
16) Acetone	2.392	43	624	1.047	ug/l	92
18) Methyl Acetate	2.715	43	443	0.296	ug/l #	74
23) Vinyl Acetate	3.788	43	136	6.377	ug/l #	71
31) Cyclohexane	5.544	56	2260	1.468	ug/l #	50
36) 1,1-Dichloropropene	5.544	75	7571	5.135	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9670	5.540	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	40993	28.352	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	40993	73.479	ug/l #	8

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

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX1003WBL01

Quant Time: Oct 04 01:24:55 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

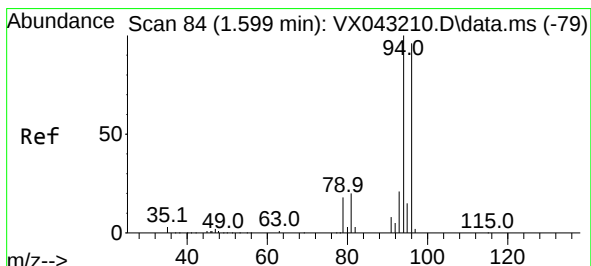
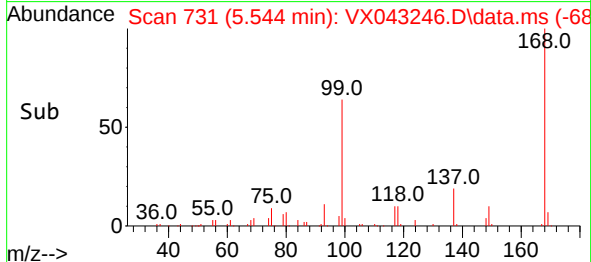
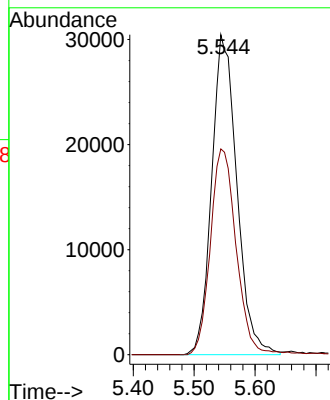
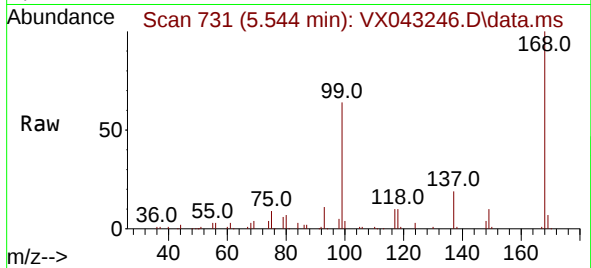




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043246.D
Acq: 03 Oct 2024 09:00

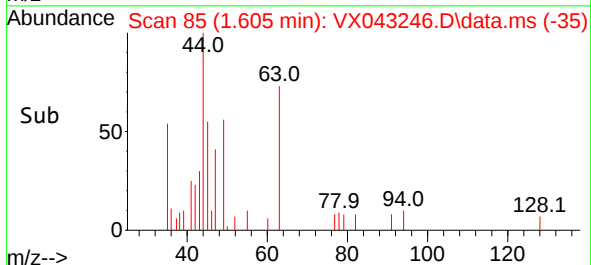
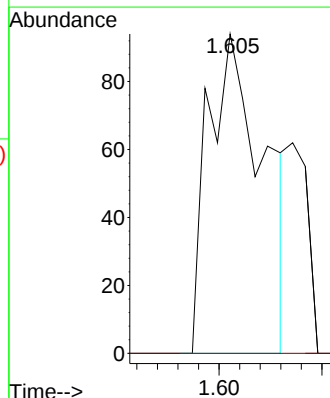
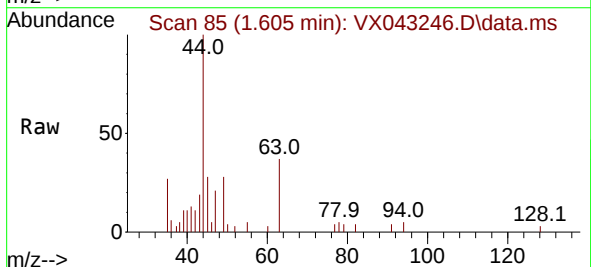
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBL01

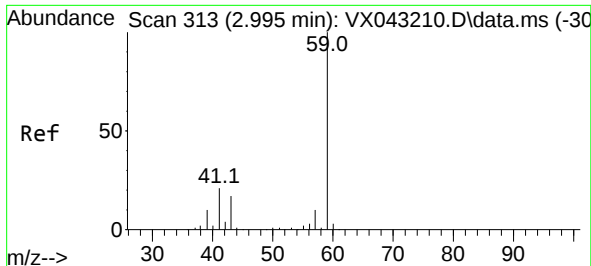
Tgt Ion:168 Resp: 87367
Ion Ratio Lower Upper
168 100
99 64.3 49.7 74.5



#5
Bromomethane
Concen: 0.411 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX043246.D
Acq: 03 Oct 2024 09:00

Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#

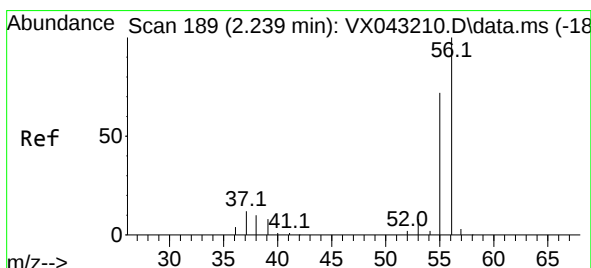
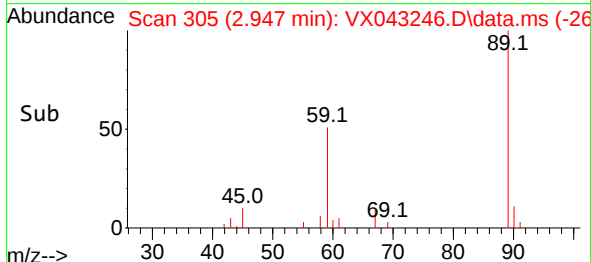
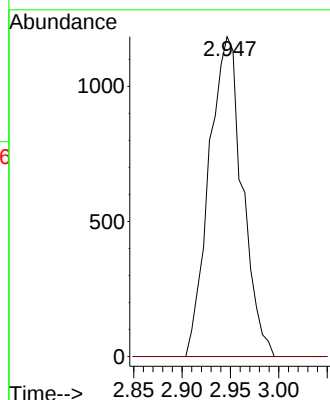
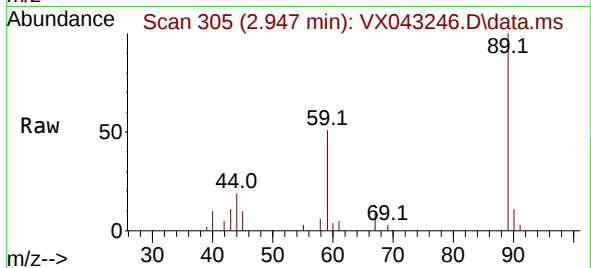




#11
Tert butyl alcohol
Concen: 10.438 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043246.D
Acq: 03 Oct 2024 09:00

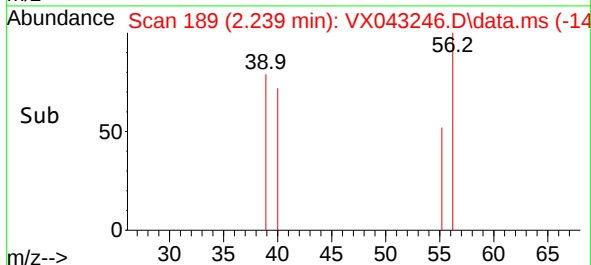
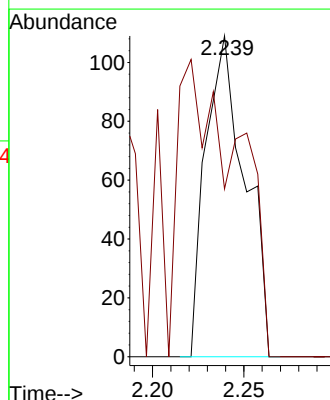
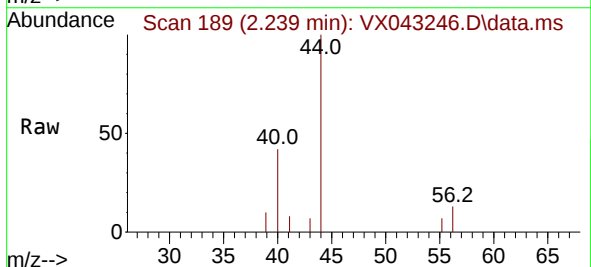
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBL01

Tgt Ion: 59 Resp: 2834
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: 0.640 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX043246.D
Acq: 03 Oct 2024 09:00

Tgt Ion: 56 Resp: 164
Ion Ratio Lower Upper
56 100
55 110.4 57.4 86.0#

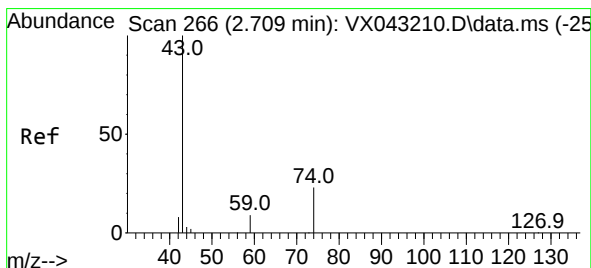
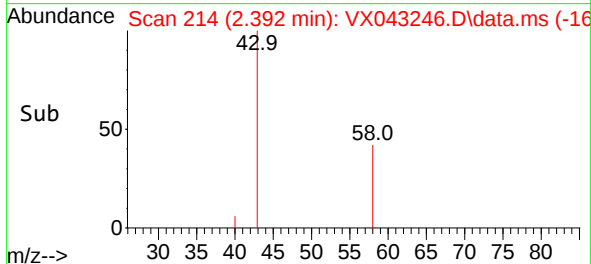
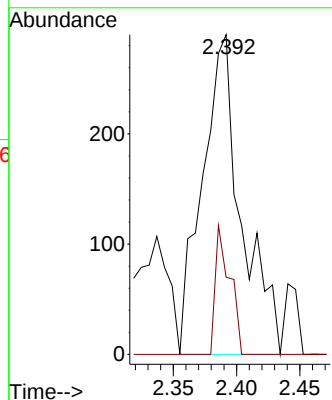
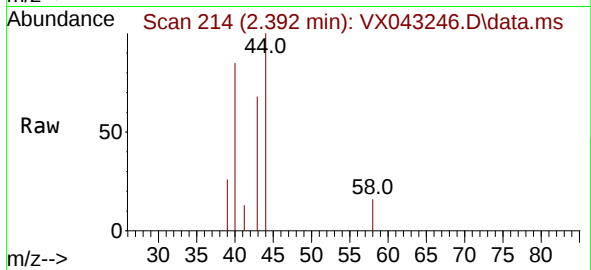




#16
Acetone
Concen: 1.047 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043246.D
Acq: 03 Oct 2024 09:00

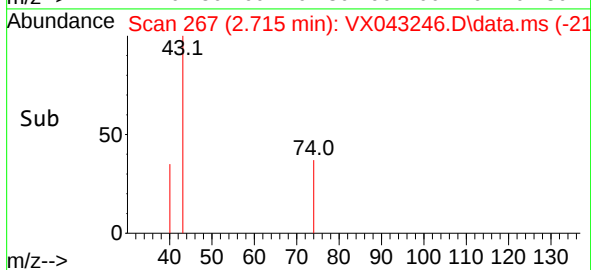
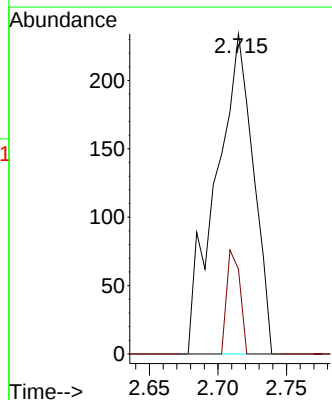
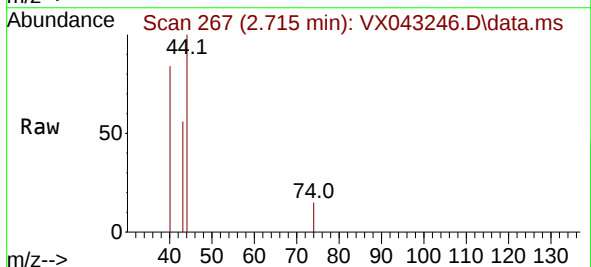
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBL01

Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 24.1 22.6 33.8



#18
Methyl Acetate
Concen: 0.296 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX043246.D
Acq: 03 Oct 2024 09:00

Tgt Ion: 43 Resp: 443
Ion Ratio Lower Upper
43 100
74 11.3 19.1 28.7#

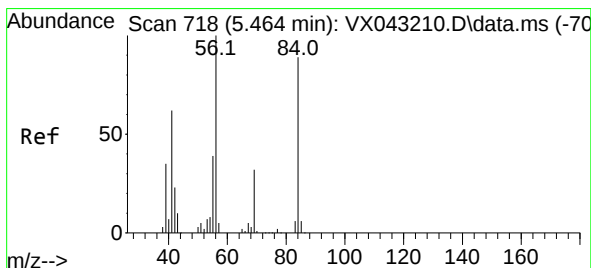
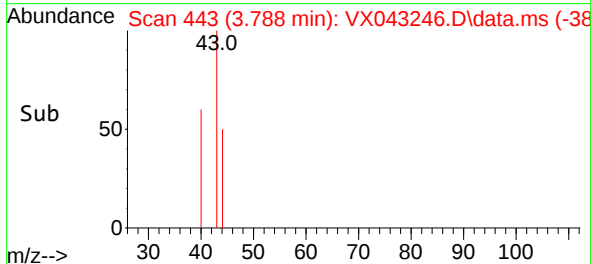
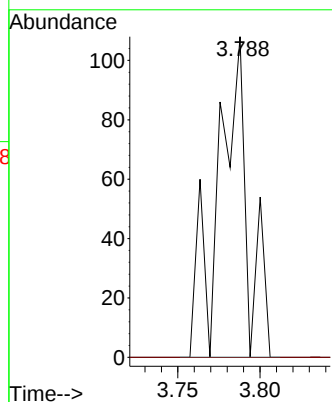
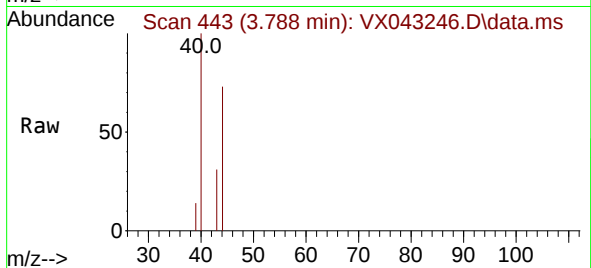




#23
 Vinyl Acetate
 Concen: 6.377 ug/l
 RT: 3.788 min Scan# 443
 Delta R.T. 0.067 min
 Lab File: VX043246.D
 Acq: 03 Oct 2024 09:00

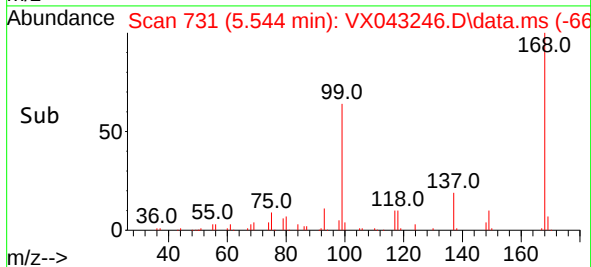
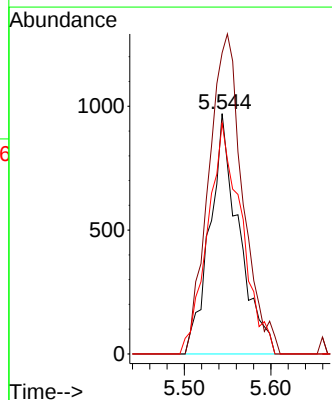
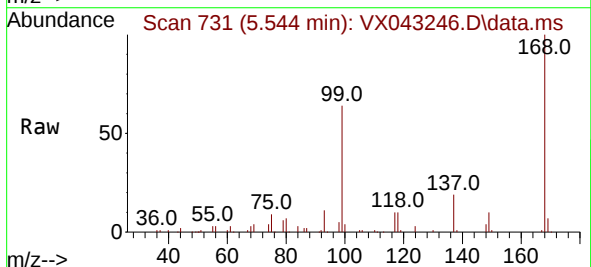
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBL01

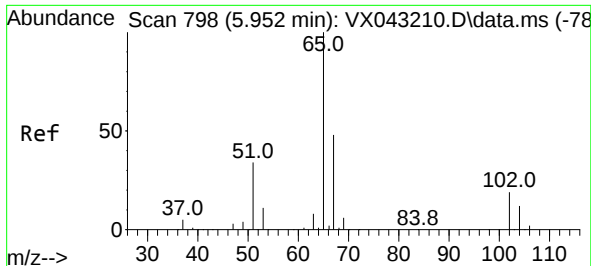
Tgt Ion: 43 Resp: 136
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.8 13.2#



#31
 Cyclohexane
 Concen: 1.468 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.079 min
 Lab File: VX043246.D
 Acq: 03 Oct 2024 09:00

Tgt Ion: 56 Resp: 2260
 Ion Ratio Lower Upper
 56 100
 69 125.4 25.8 38.6#
 84 96.2 71.1 106.7





#33

1,2-Dichloroethane-d4

Concen: 52.510 ug/l

RT: 5.952 min Scan# 749

Delta R.T. -0.000 min

Lab File: VX043246.D

Acq: 03 Oct 2024 09:00

Instrument :

MSVOA_X

ClientSampleId :

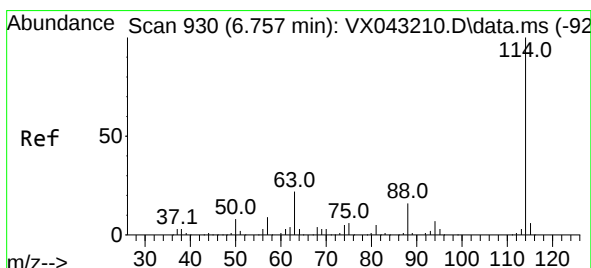
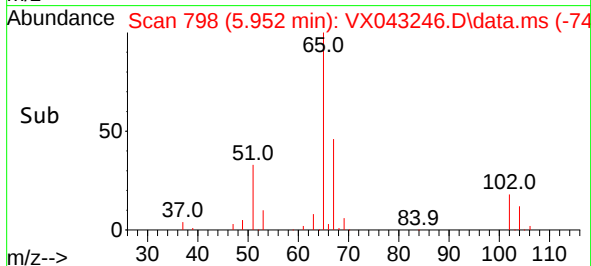
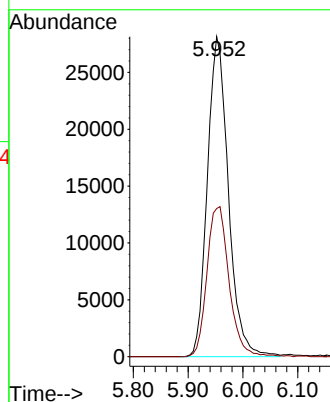
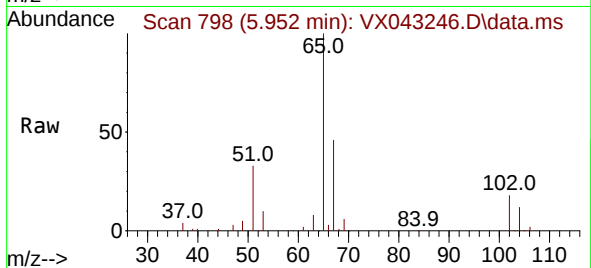
VX1003WBL01

Tgt Ion: 65 Resp: 74923

Ion Ratio Lower Upper

65 100

67 49.4 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: VX043246.D

Acq: 03 Oct 2024 09:00

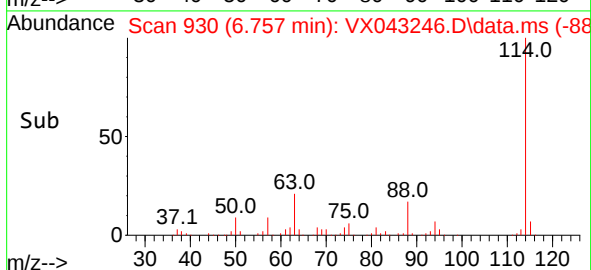
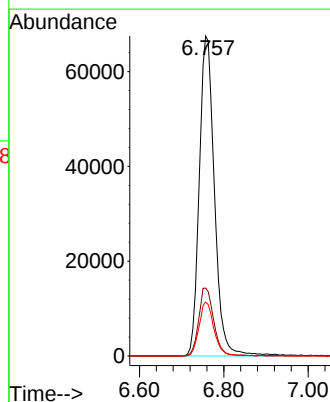
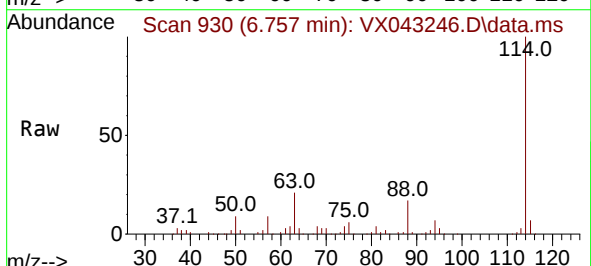
Tgt Ion: 114 Resp: 169225

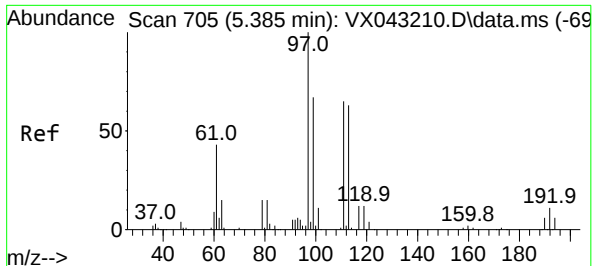
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 16.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.850 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX043246.D

Acq: 03 Oct 2024 09:00

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBL01

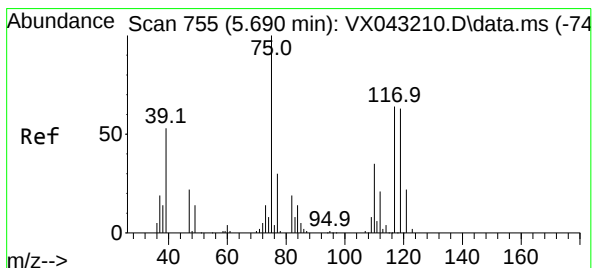
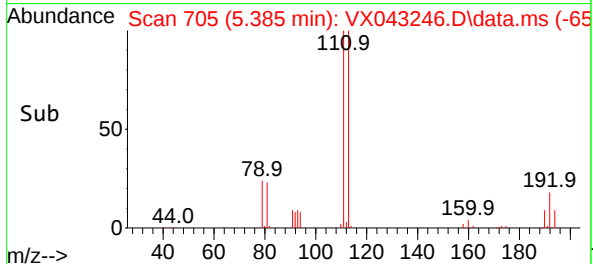
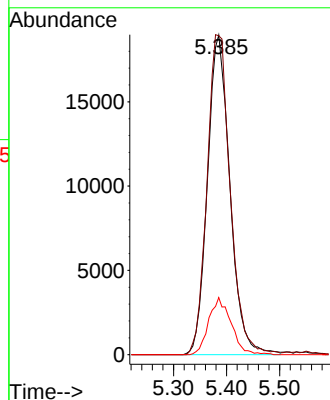
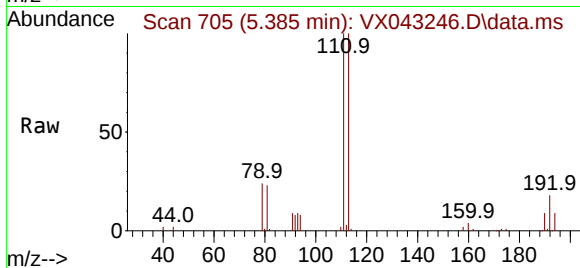
Tgt Ion:113 Resp: 55843

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.0

192 17.8 14.1 21.1



#36

1,1-Dichloropropene

Concen: 5.135 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX043246.D

Acq: 03 Oct 2024 09:00

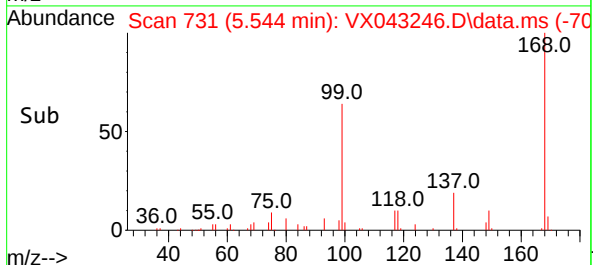
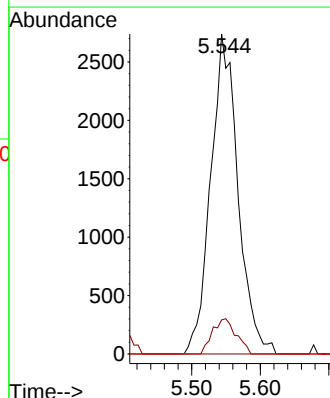
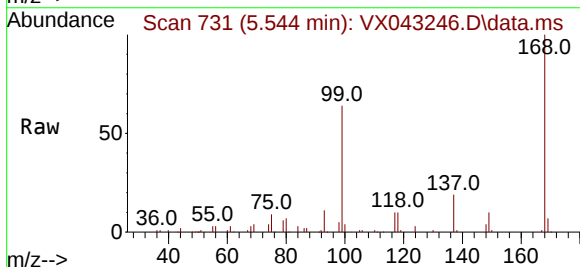
Tgt Ion: 75 Resp: 7571

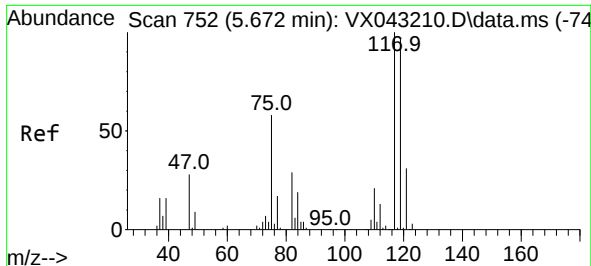
Ion Ratio Lower Upper

75 100

110 9.6 17.8 53.3#

77 0.0 24.9 37.3#

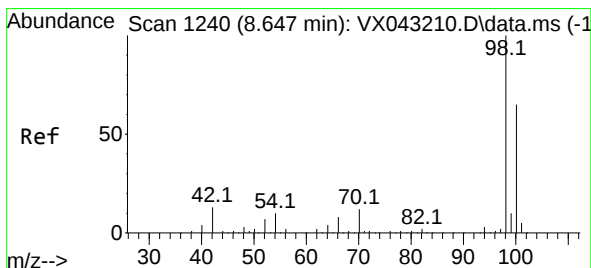
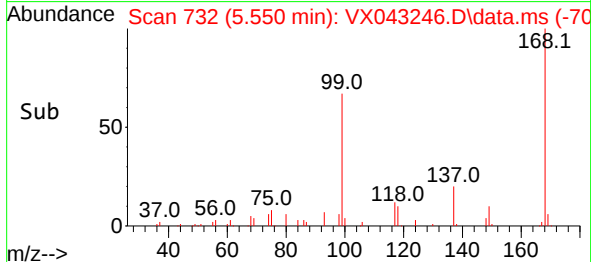
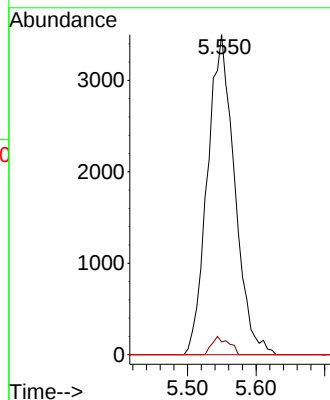
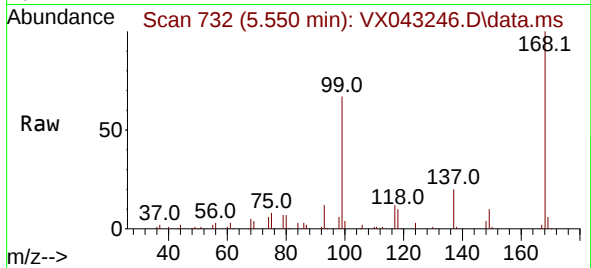




#38
Carbon Tetrachloride
Concen: 5.540 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043246.D
Acq: 03 Oct 2024 09:00

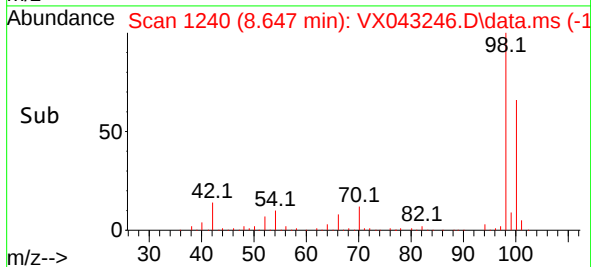
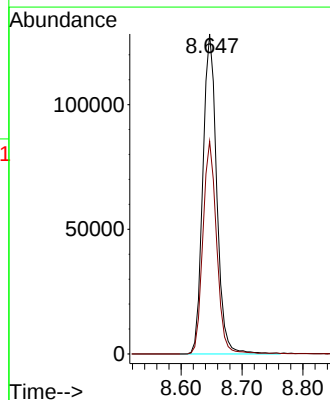
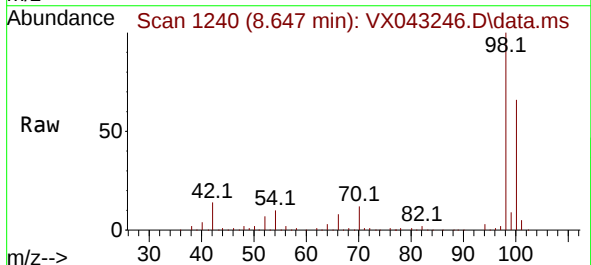
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBL01

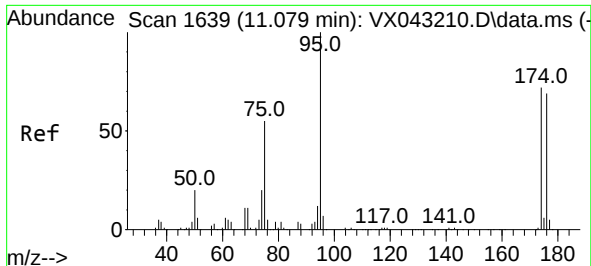
Tgt Ion:117 Resp: 9670
Ion Ratio Lower Upper
117 100
119 4.0 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 50.220 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043246.D
Acq: 03 Oct 2024 09:00

Tgt Ion: 98 Resp: 203106
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6

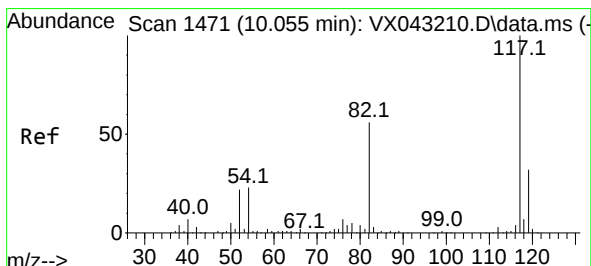
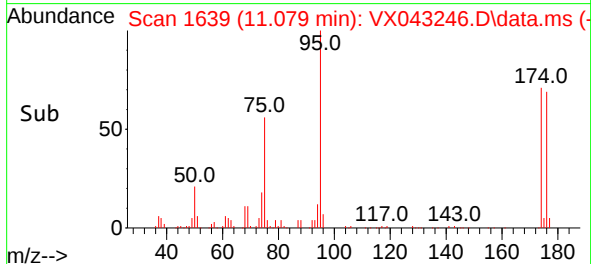
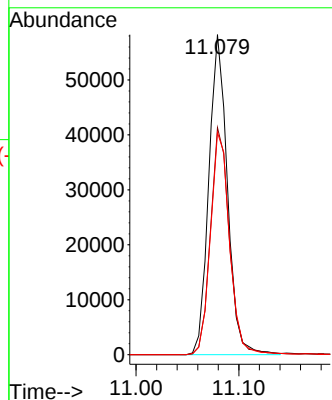
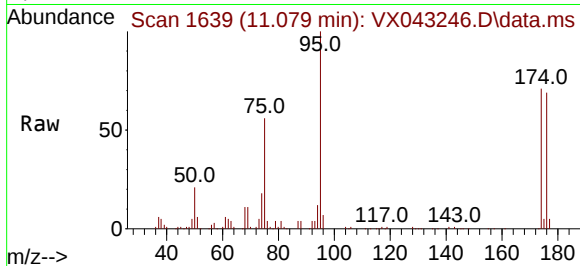




#62
4-Bromofluorobenzene
Concen: 49.683 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043246.D
Acq: 03 Oct 2024 09:00

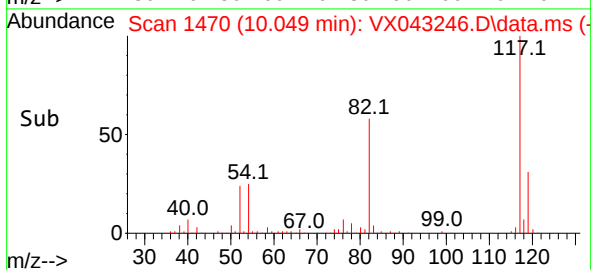
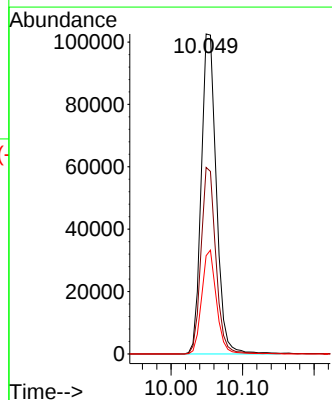
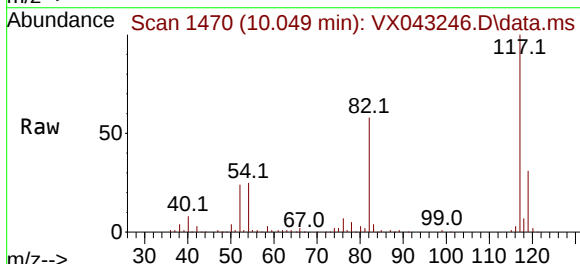
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBL01

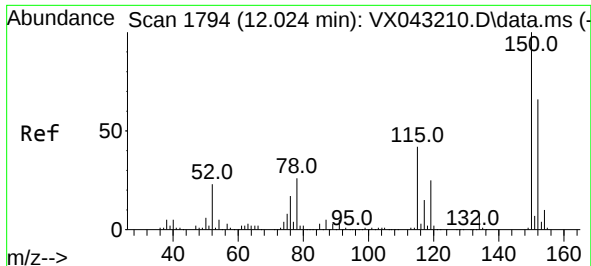
Tgt Ion: 95 Resp: 72998
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.0
176 71.5 0.0 143.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX043246.D
Acq: 03 Oct 2024 09:00

Tgt Ion: 117 Resp: 150252
Ion Ratio Lower Upper
117 100
82 58.3 45.0 67.6
119 30.7 25.3 37.9

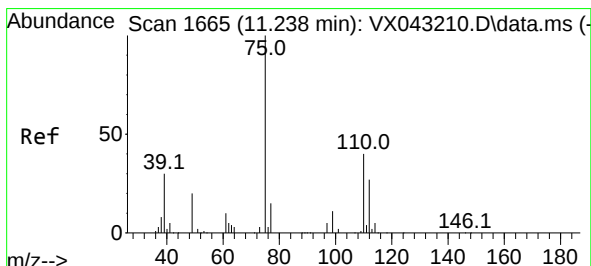
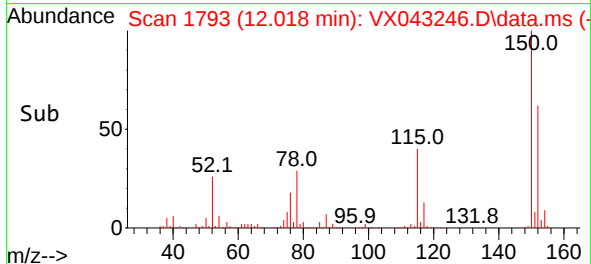
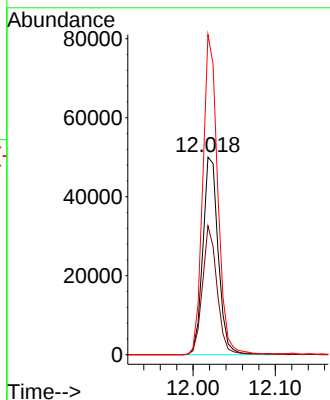
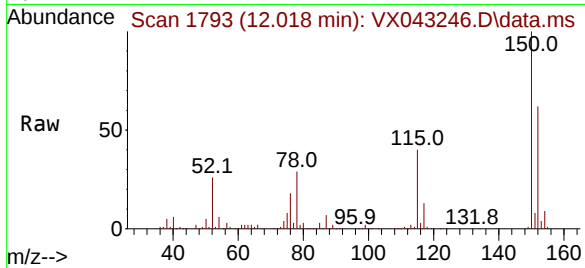




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX043246.D
Acq: 03 Oct 2024 09:00

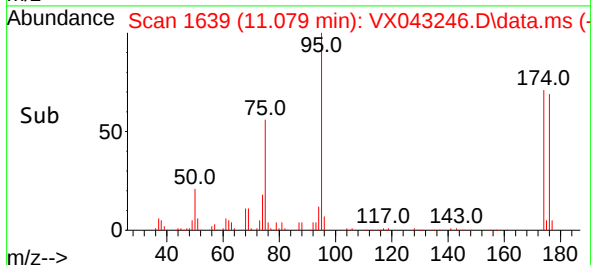
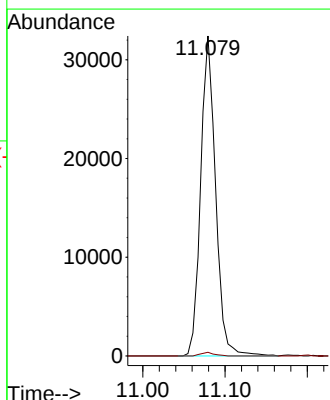
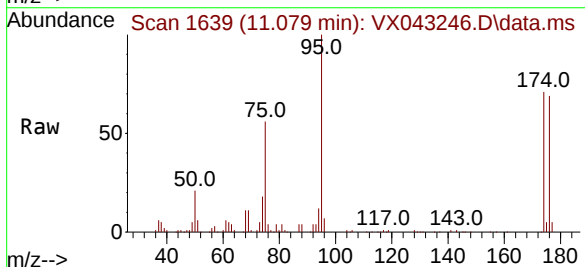
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBL01

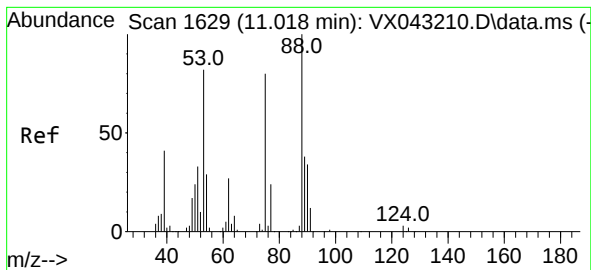
Tgt Ion:152 Resp: 65184
Ion Ratio Lower Upper
152 100
115 62.1 44.1 132.3
150 156.5 0.0 347.4



#76
1,2,3-Trichloropropane
Concen: 28.352 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043246.D
Acq: 03 Oct 2024 09:00

Tgt Ion: 75 Resp: 40993
Ion Ratio Lower Upper
75 100
77 1.0 22.0 66.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.479 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043246.D
 Acq: 03 Oct 2024 09:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBL01

Tgt Ion: 75 Resp: 40993
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 38.6 58.0#

