

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042525\
 Data File : VX045934.D
 Acq On : 25 Apr 2025 11:01
 Operator : JC/MD
 Sample : VX0425WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBL01

Quant Time: Apr 25 22:58:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

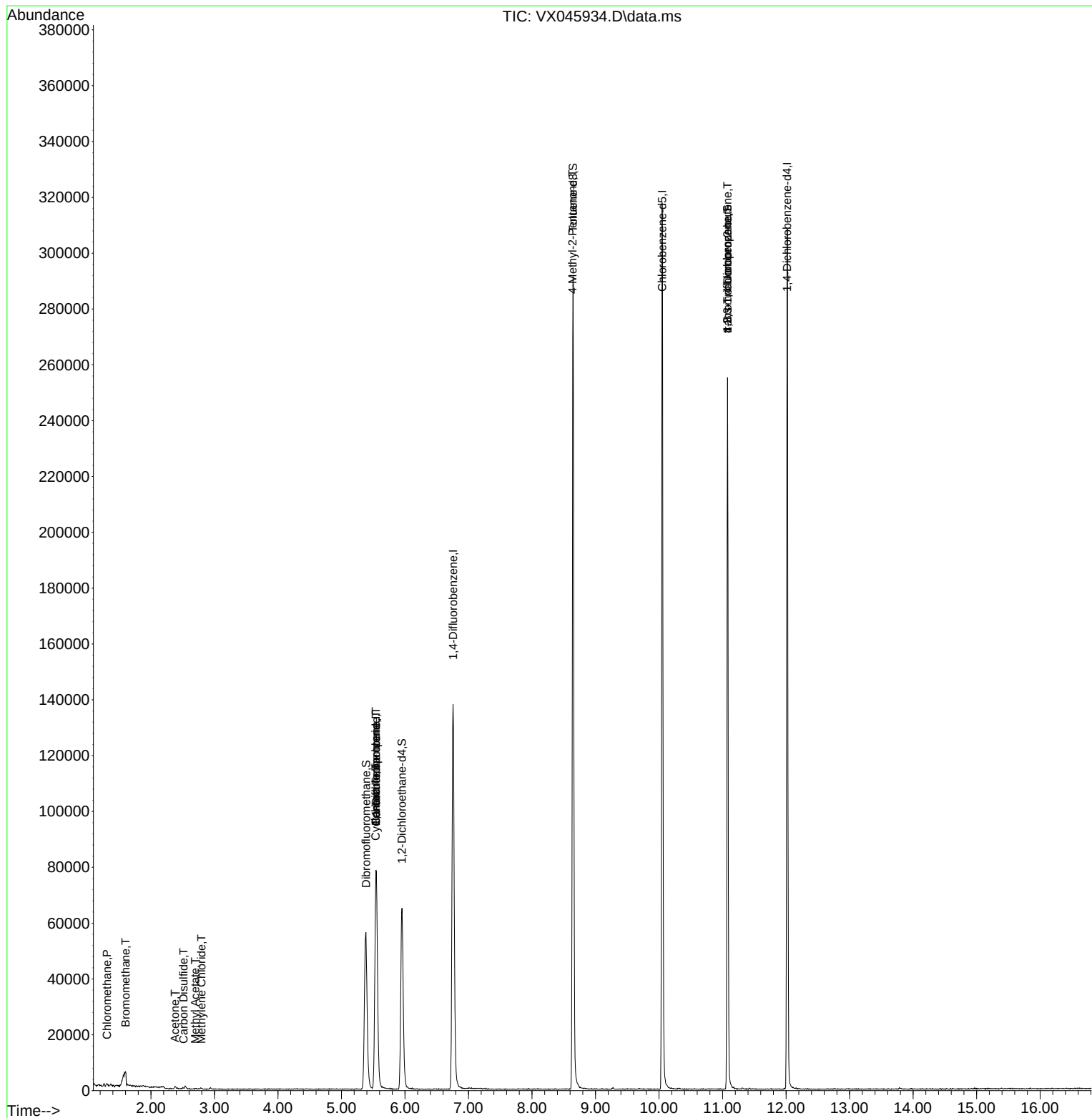
Internal Standards						
1) Pentafluorobenzene	5.544	168	68371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67770	54.202	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.400%	
35) Dibromofluoromethane	5.385	113	49021	51.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.700%	
50) Toluene-d8	8.647	98	166013	50.306	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	11.079	95	66376	55.219	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	1061	1.010	ug/l	92
5) Bromomethane	1.599	94	110	0.241	ug/l #	3
16) Acetone	2.380	43	1069	2.082	ug/l	97
17) Carbon Disulfide	2.514	76	514	0.254	ug/l #	76
18) Methyl Acetate	2.697	43	452	0.382	ug/l #	66
20) Methylene Chloride	2.794	84	203	0.211	ug/l #	58
31) Cyclohexane	5.538	56	1933	1.260	ug/l #	27
36) 1,1-Dichloropropene	5.544	75	6928	5.427	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7693	5.576	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	950	0.588	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37954	27.738	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37954	94.140	ug/l #	1

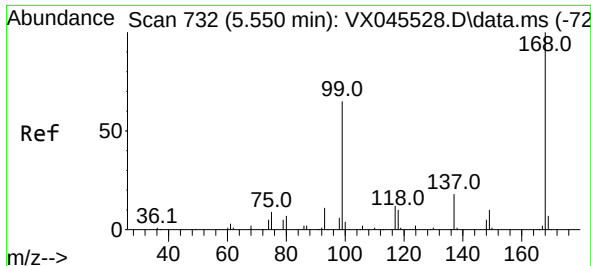
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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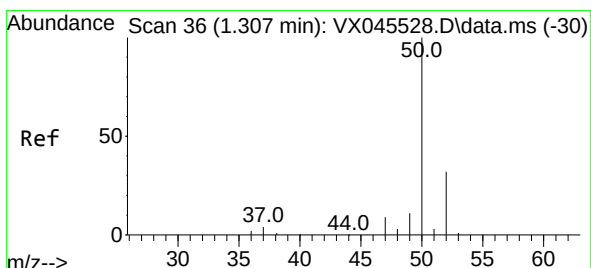
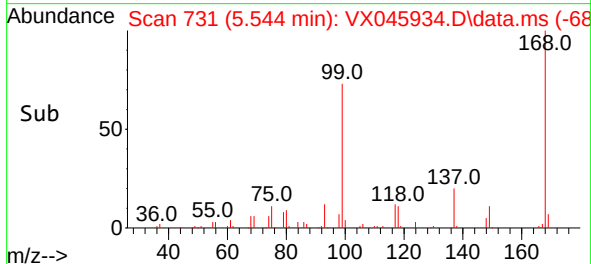
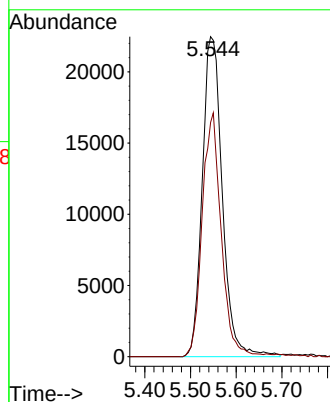
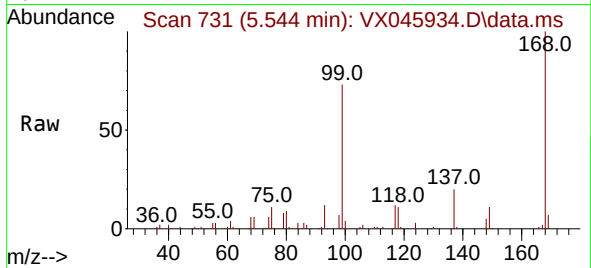




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

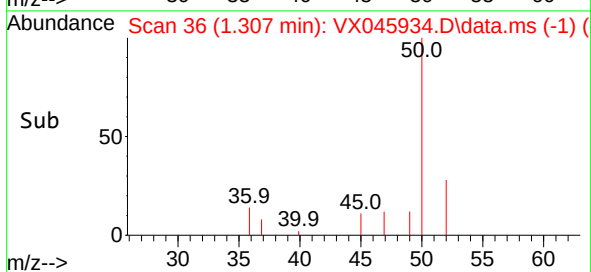
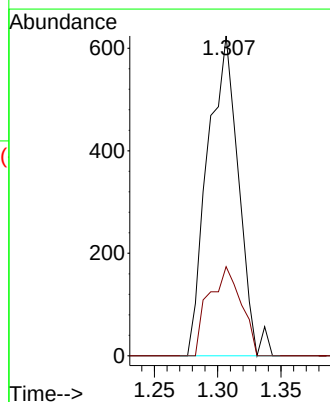
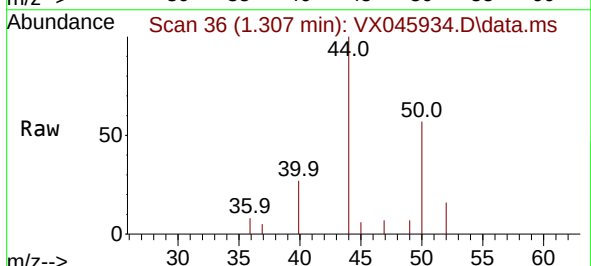
Instrument :
MSVOA_X
ClientSampleId :
VX0425WBL01

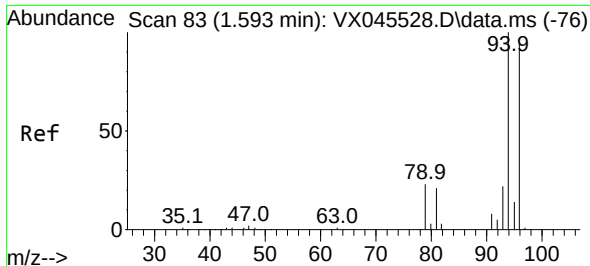
Tgt Ion:168 Resp: 68371
Ion Ratio Lower Upper
168 100
99 73.2 52.3 78.5



#3
Chloromethane
Concen: 1.010 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

Tgt Ion: 50 Resp: 1061
Ion Ratio Lower Upper
50 100
52 27.9 25.9 38.9

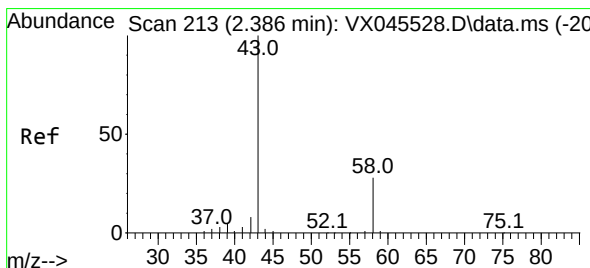
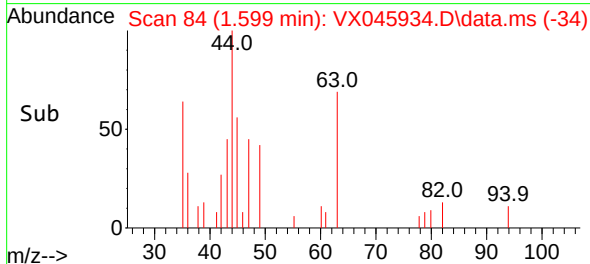
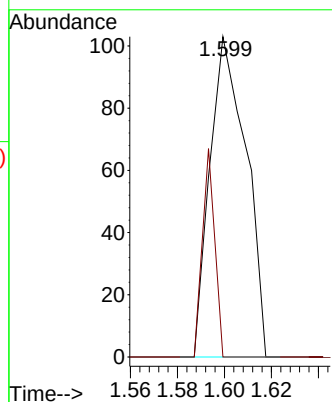
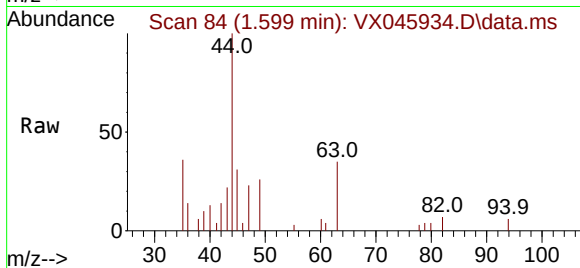




#5
Bromomethane
Concen: 0.241 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

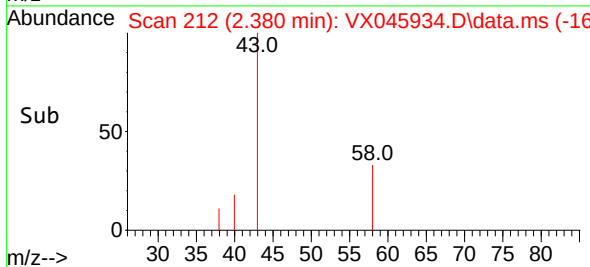
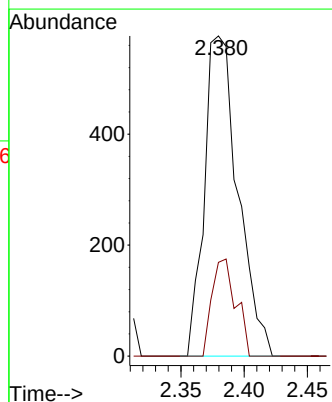
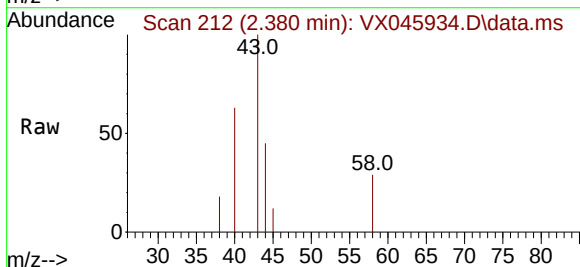
Instrument :
MSVOA_X
ClientSampleId :
VX0425WBL01

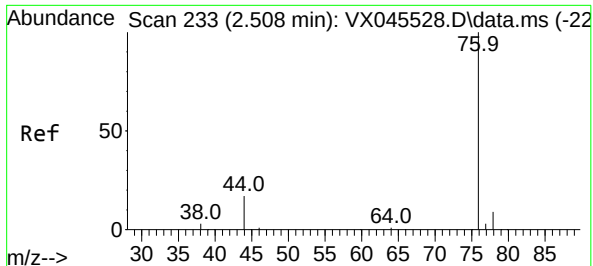
Tgt Ion: 94 Resp: 110
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#16
Acetone
Concen: 2.082 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
58 29.3 22.3 33.5

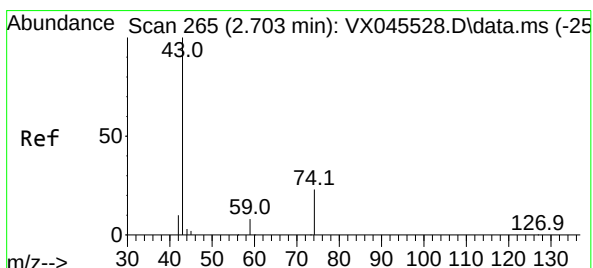
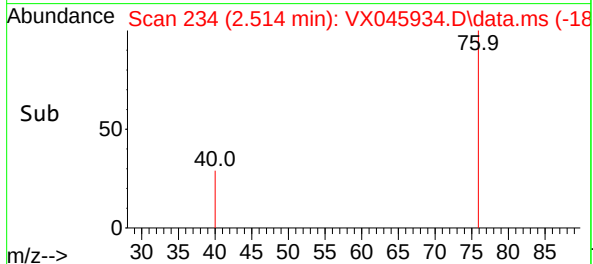
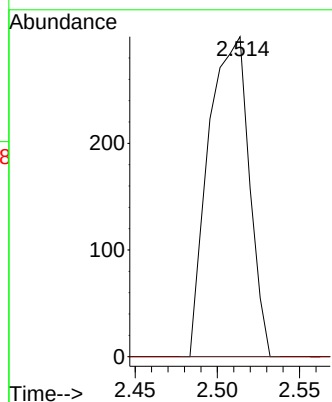
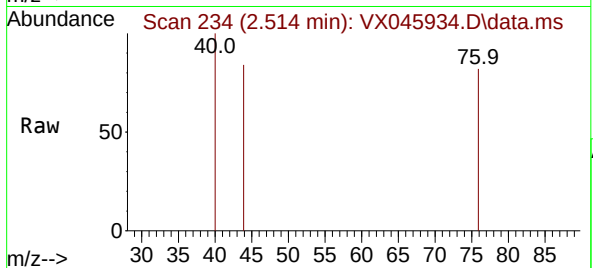




#17
Carbon Disulfide
Concen: 0.254 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

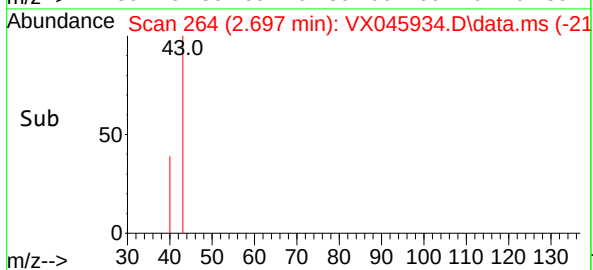
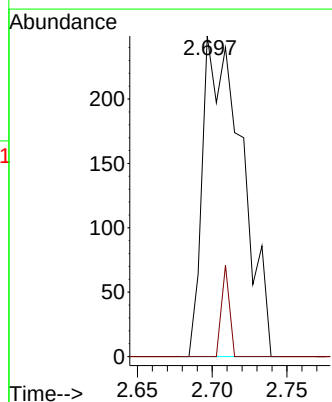
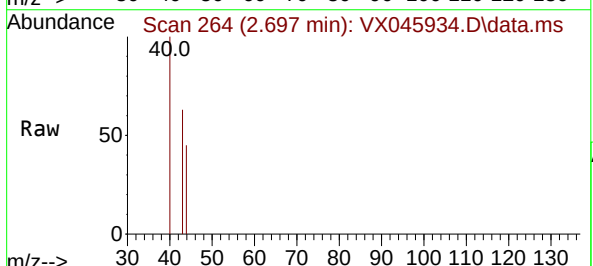
Instrument :
MSVOA_X
ClientSampleId :
VX0425WBL01

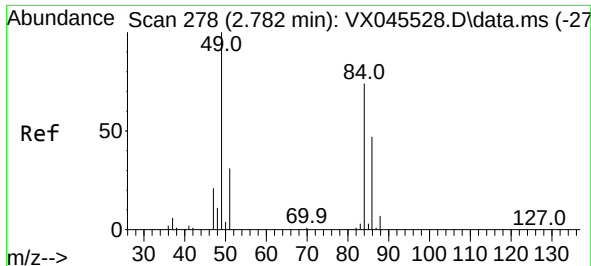
Tgt Ion: 76 Resp: 514
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.382 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
74 5.8 17.5 26.3#





#20

Methylene Chloride

Concen: 0.211 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX045934.D

Acq: 25 Apr 2025 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0425WBL01

Tgt Ion: 84 Resp: 203

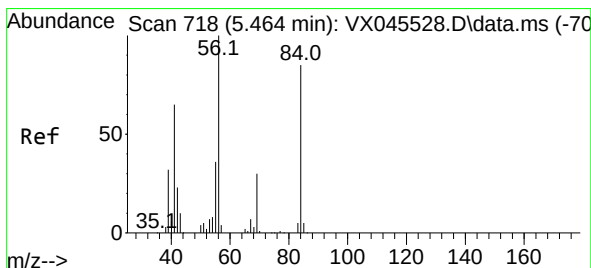
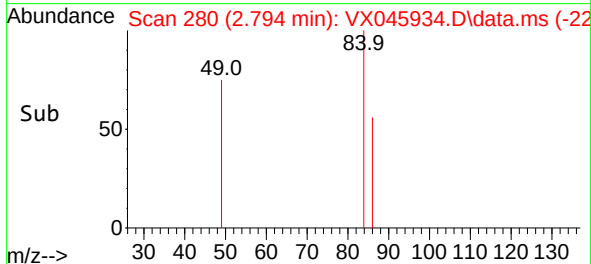
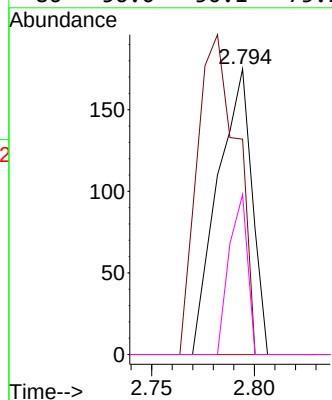
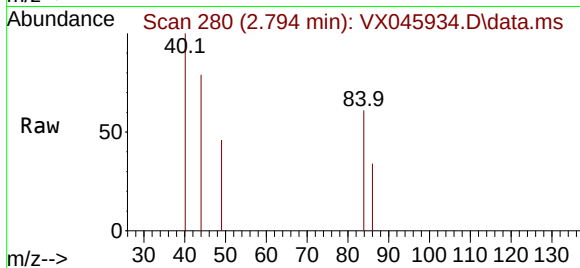
Ion Ratio Lower Upper

84 100

49 75.4 107.5 161.3#

51 0.0 33.0 49.6#

86 56.0 50.1 75.1



#31

Cyclohexane

Concen: 1.260 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX045934.D

Acq: 25 Apr 2025 11:01

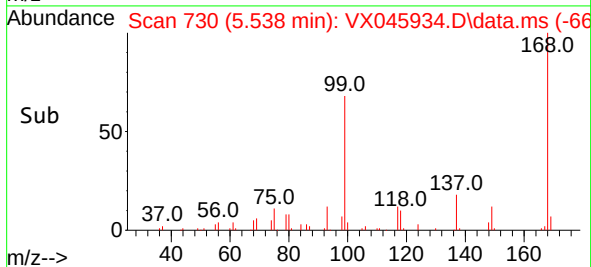
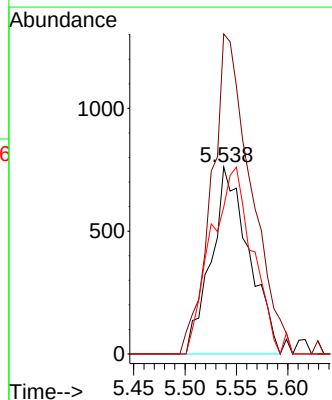
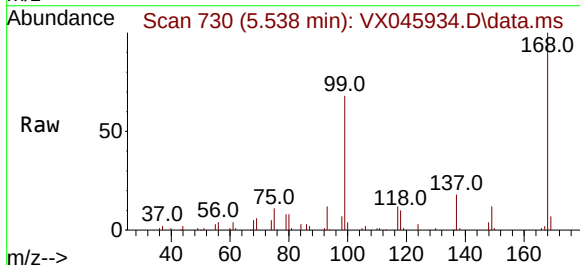
Tgt Ion: 56 Resp: 1933

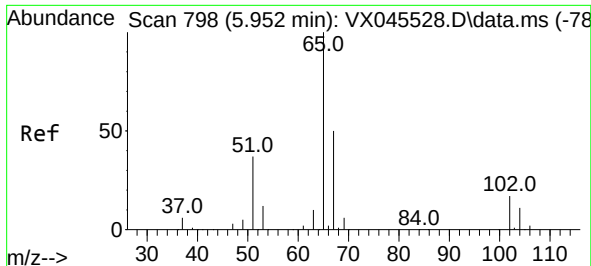
Ion Ratio Lower Upper

56 100

69 171.2 23.6 35.4#

84 78.6 67.7 101.5





#33

1,2-Dichloroethane-d4

Concen: 54.202 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045934.D

Acq: 25 Apr 2025 11:01

Instrument :

MSVOA_X

ClientSampleId :

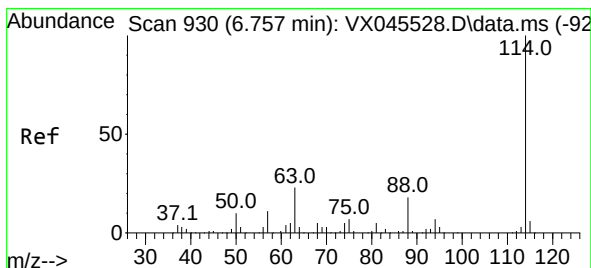
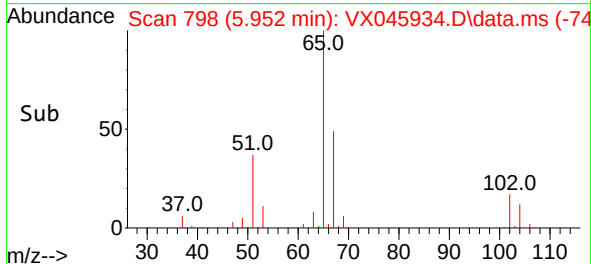
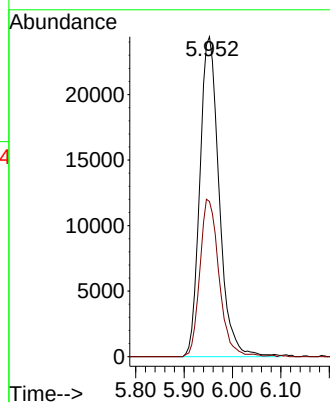
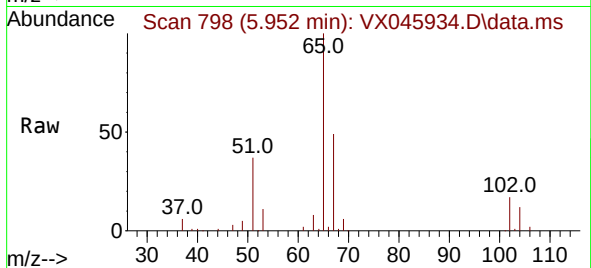
VX0425WBL01

Tgt Ion: 65 Resp: 67770

Ion Ratio Lower Upper

65 100

67 48.8 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: VX045934.D

Acq: 25 Apr 2025 11:01

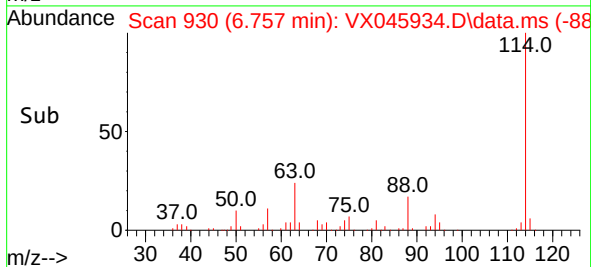
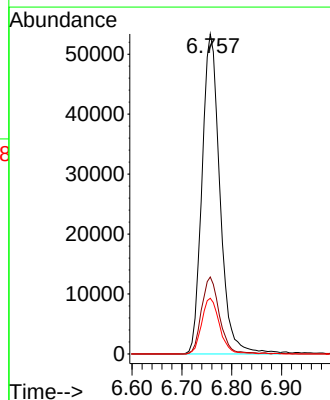
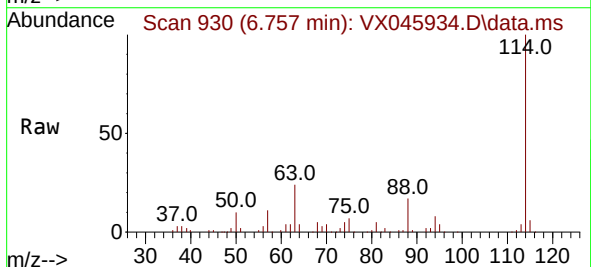
Tgt Ion: 114 Resp: 133259

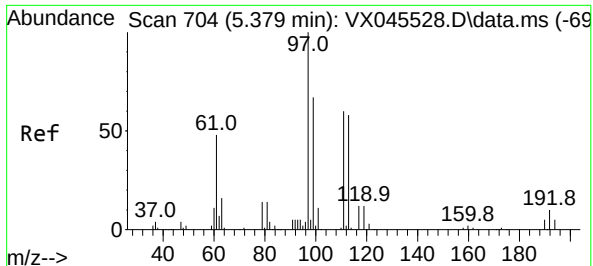
Ion Ratio Lower Upper

114 100

63 24.1 0.0 46.8

88 17.4 0.0 35.4

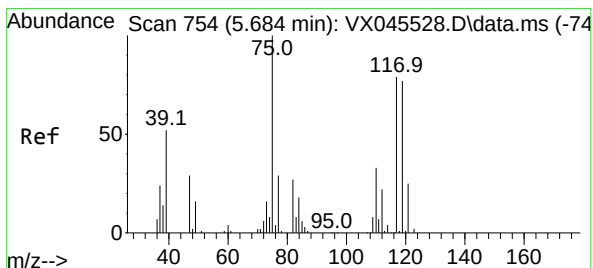
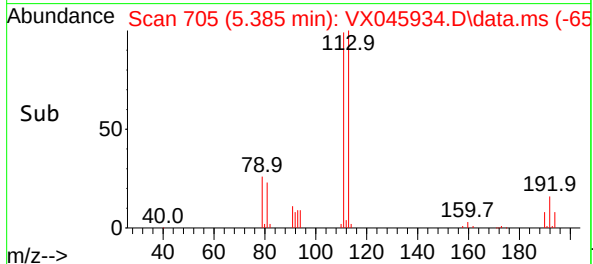
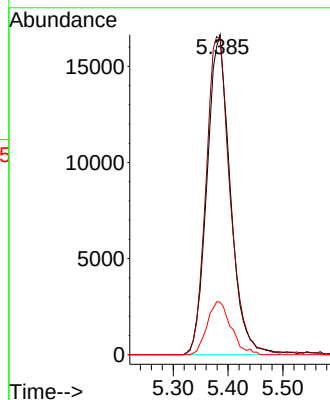
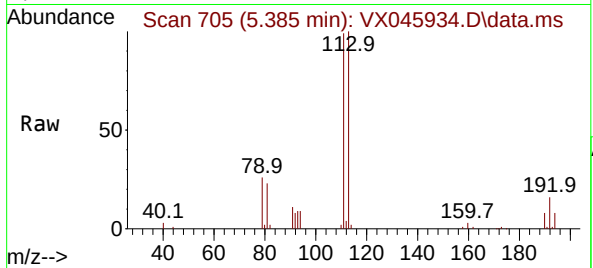




#35
Dibromofluoromethane
Concen: 51.848 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

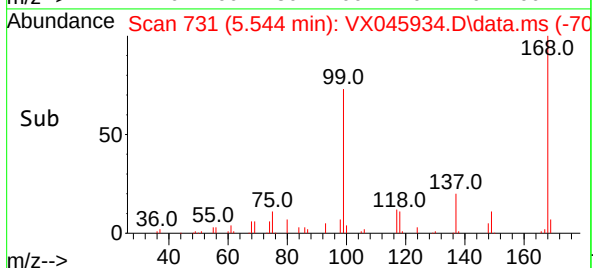
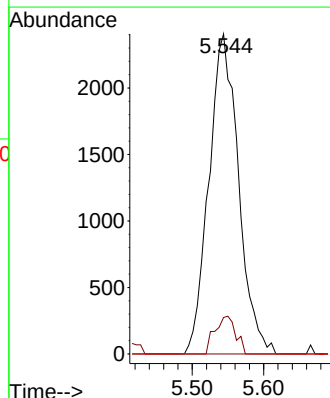
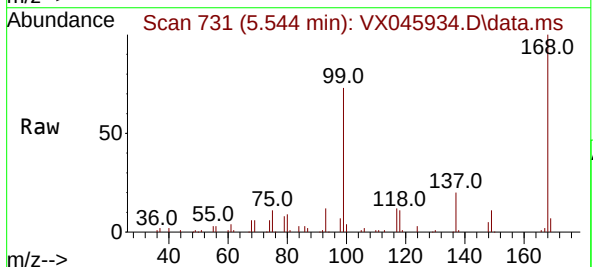
Instrument :
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VX0425WBL01

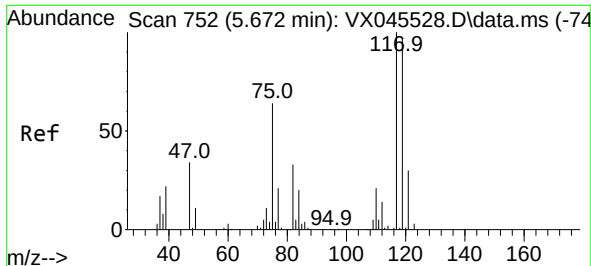
Tgt Ion:113 Resp: 49021
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 17.1 13.8 20.6



#36
1,1-Dichloropropene
Concen: 5.427 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

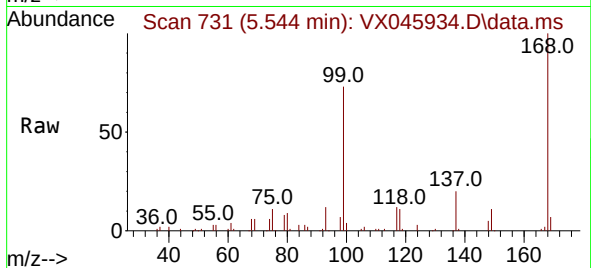
Tgt Ion: 75 Resp: 6928
Ion Ratio Lower Upper
75 100
110 8.3 16.9 50.6#
77 0.0 25.0 37.4#



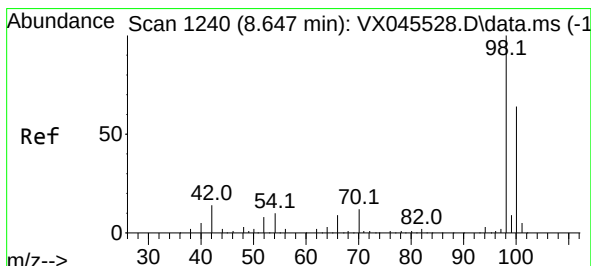
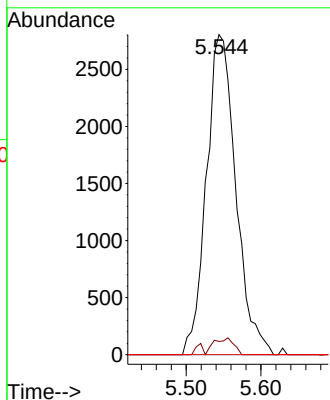
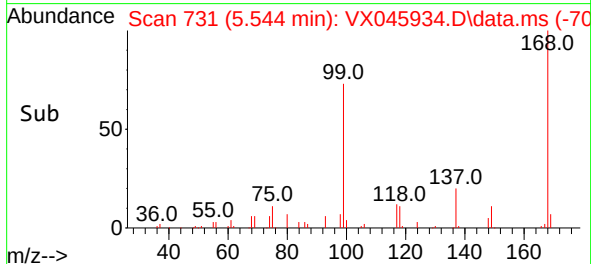


#38
Carbon Tetrachloride
Concen: 5.576 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBL01

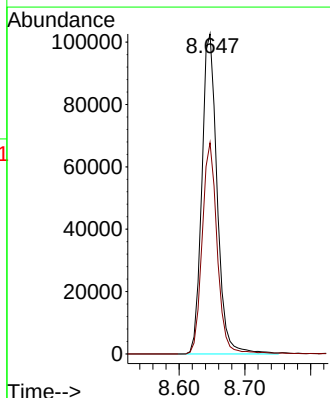
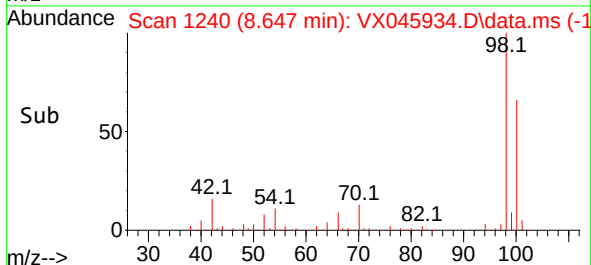
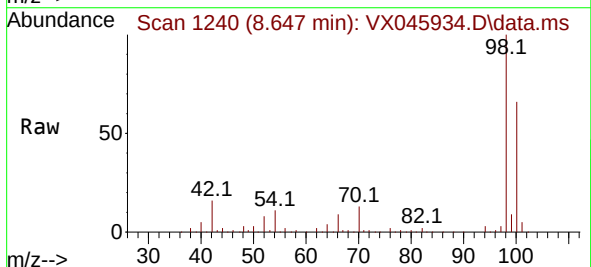


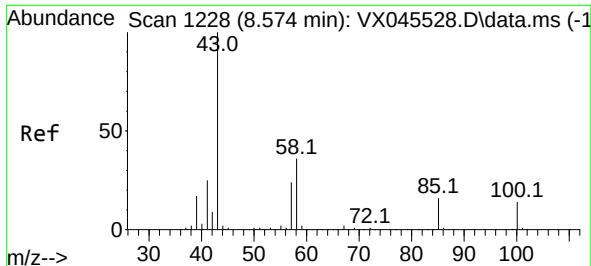
Tgt Ion:117 Resp: 7693
Ion Ratio Lower Upper
117 100
119 4.1 76.9 115.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.306 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

Tgt Ion: 98 Resp: 166013
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4

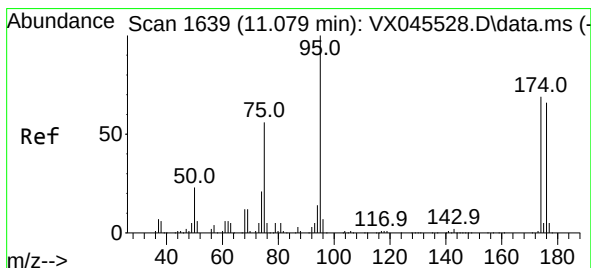
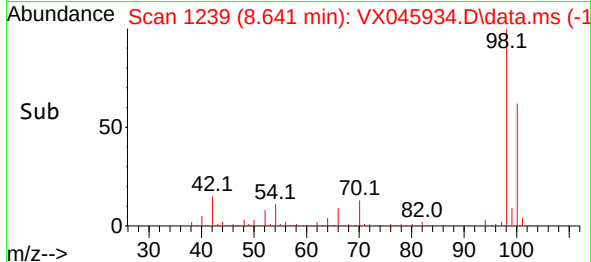
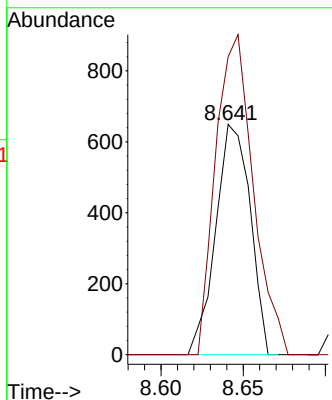
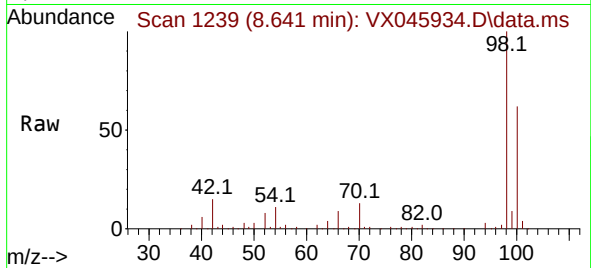




#51
4-Methyl-2-Pentanone
Concen: 0.588 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

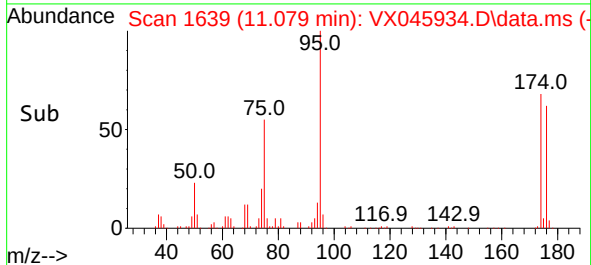
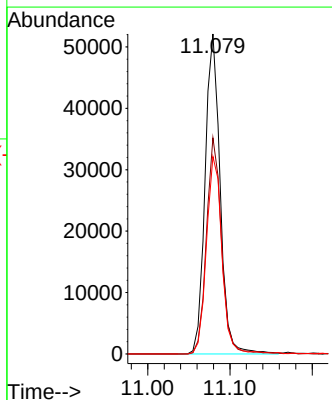
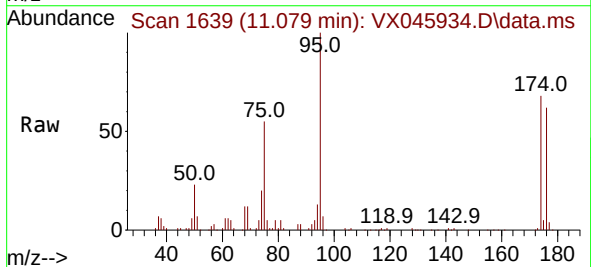
Instrument :
MSVOA_X
ClientSampleId :
VX0425WBL01

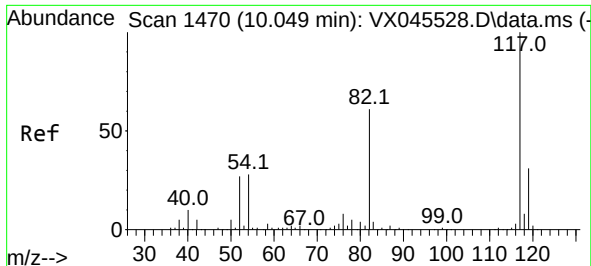
Tgt Ion: 43 Resp: 950
Ion Ratio Lower Upper
43 100
58 151.1 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 55.219 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

Tgt Ion: 95 Resp: 66376
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 63.7 0.0 131.4

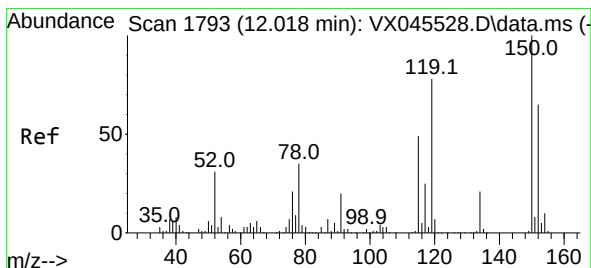
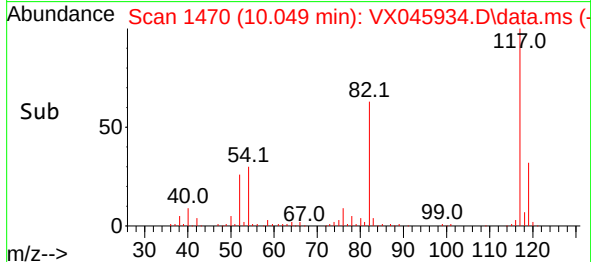
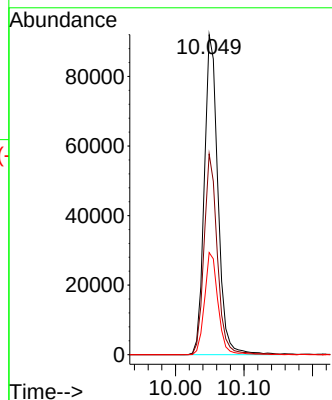
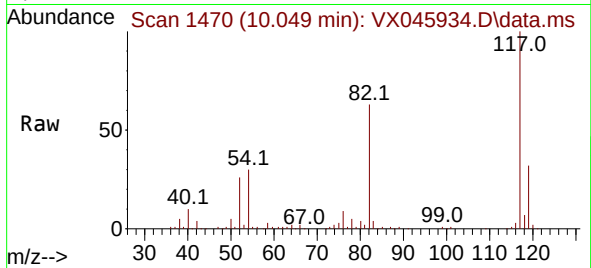




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

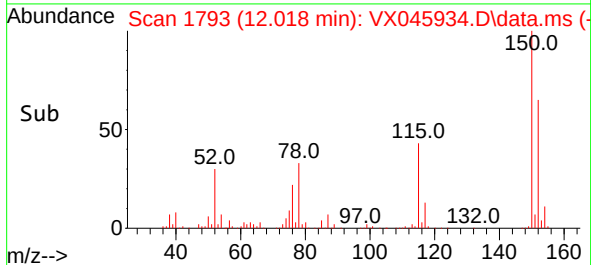
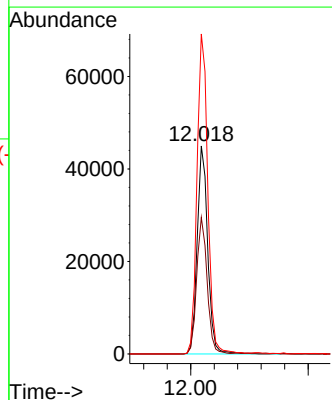
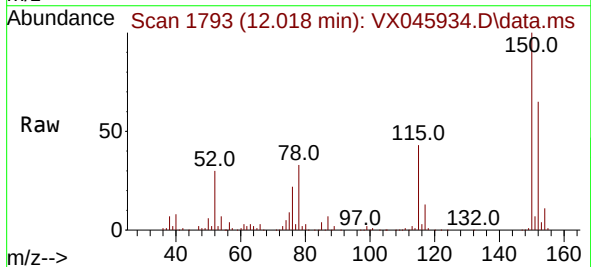
Instrument :
MSVOA_X
ClientSampleId :
VX0425WBL01

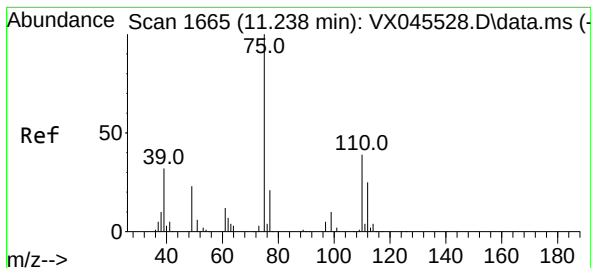
Tgt Ion:117 Resp: 127467
Ion Ratio Lower Upper
117 100
82 62.8 49.2 73.8
119 31.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

Tgt Ion:152 Resp: 56095
Ion Ratio Lower Upper
152 100
115 65.1 46.9 140.7
150 156.8 0.0 349.4

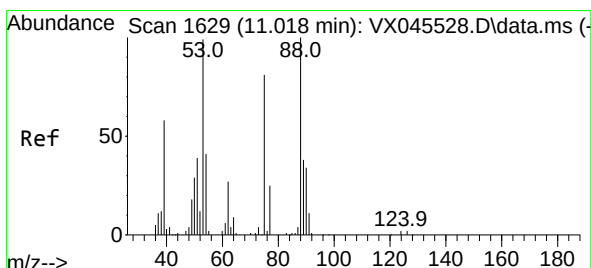
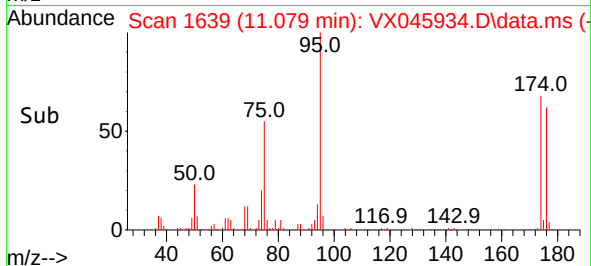
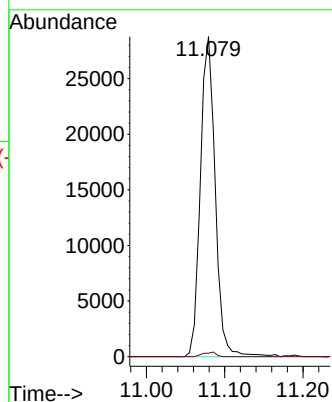
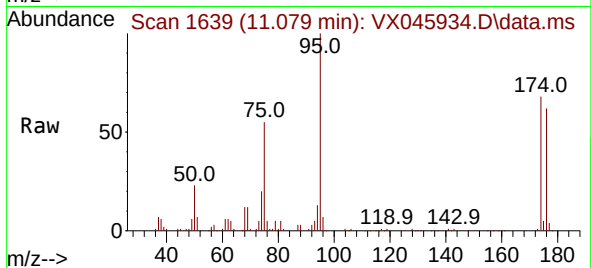




#76
1,2,3-Trichloropropane
Concen: 27.738 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBL01

Tgt Ion: 75 Resp: 37954
Ion Ratio Lower Upper
75 100
77 1.2 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.140 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045934.D
Acq: 25 Apr 2025 11:01

Tgt Ion: 75 Resp: 37954
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

