

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031725\
 Data File : VX045299.D
 Acq On : 17 Mar 2025 12:02
 Operator : JC/MD
 Sample : VX0317WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBL01

Quant Time: Mar 18 01:23:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

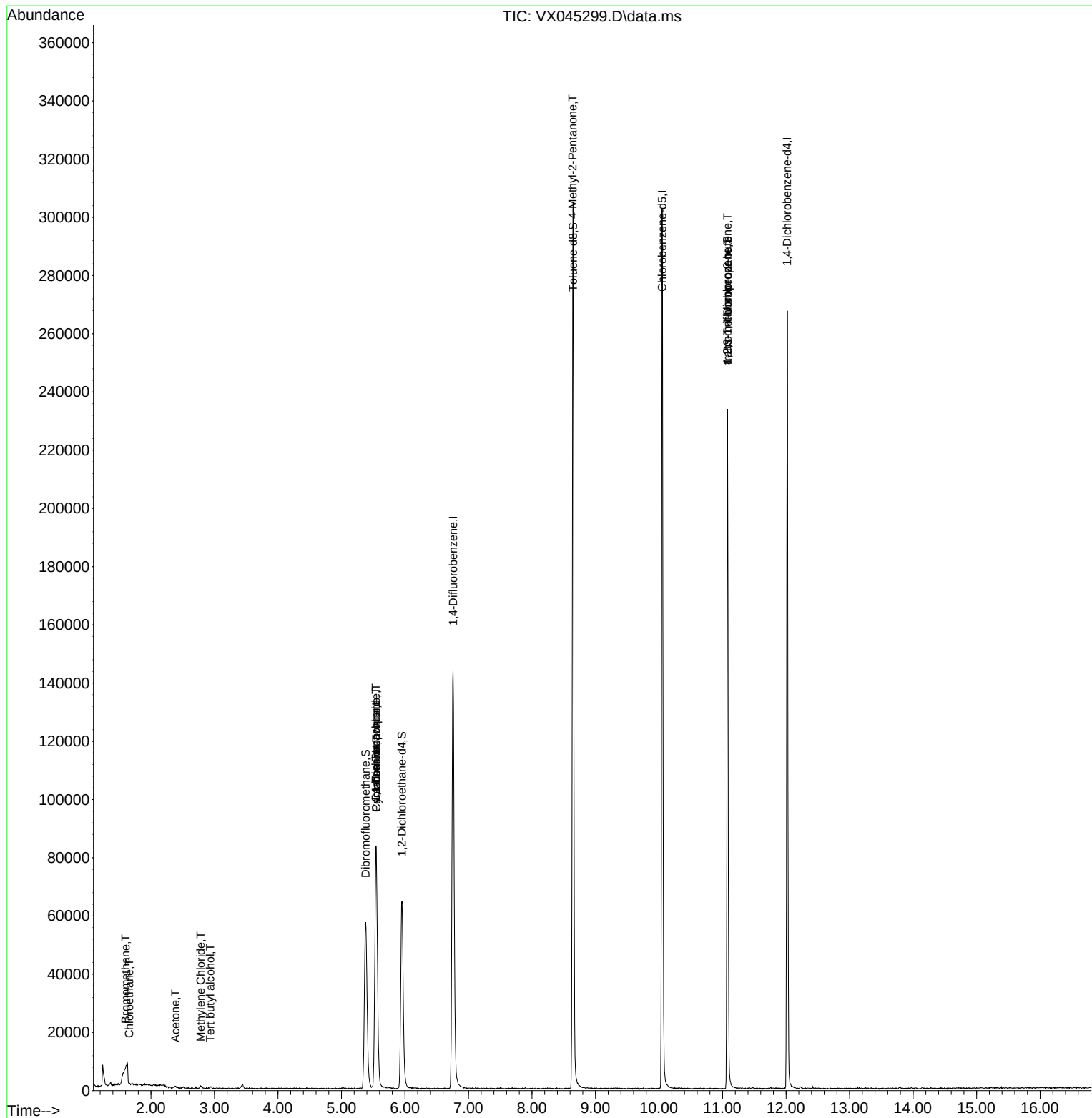
Internal Standards						
1) Pentafluorobenzene	5.550	168	73730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	144901	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63453	54.105	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.200%			
35) Dibromofluoromethane	5.379	113	50888	52.521	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.040%			
50) Toluene-d8	8.647	98	178851	50.916	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.840%			
62) 4-Bromofluorobenzene	11.079	95	60611	52.072	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.140%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	209	0.472	ug/l #	67
6) Chloroethane	1.654	64	212	0.408	ug/l #	41
11) Tert butyl alcohol	2.934	59	141	0.635	ug/l #	73
16) Acetone	2.386	43	644	1.184	ug/l #	77
20) Methylene Chloride	2.782	84	338	0.314	ug/l #	74
31) Cyclohexane	5.550	56	2053	1.287	ug/l #	44
36) 1,1-Dichloropropene	5.544	75	6977	5.251	ug/l #	47
38) Carbon Tetrachloride	5.544	117	7982	5.917	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	941	0.554	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33756	28.608	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33756	97.903	ug/l #	6

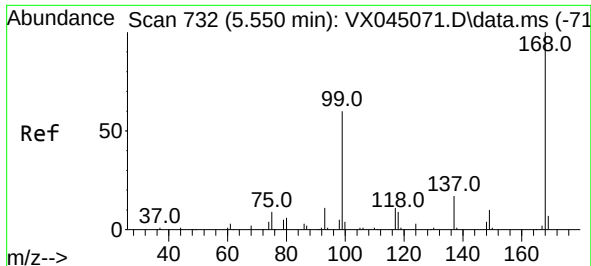
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031725\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

Quant Time: Mar 18 01:23:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

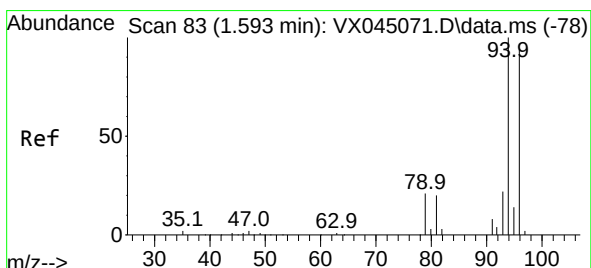
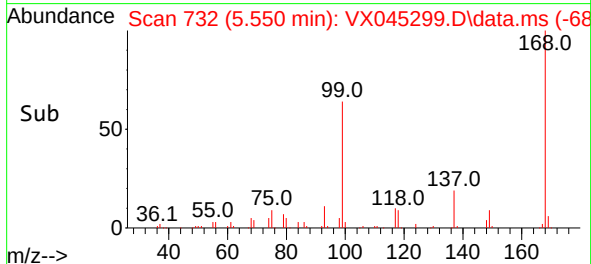
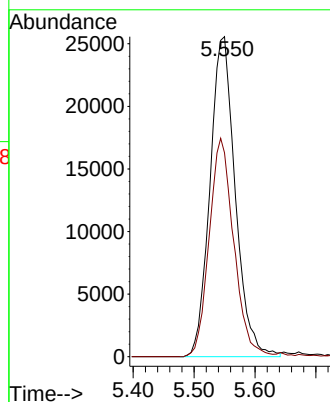
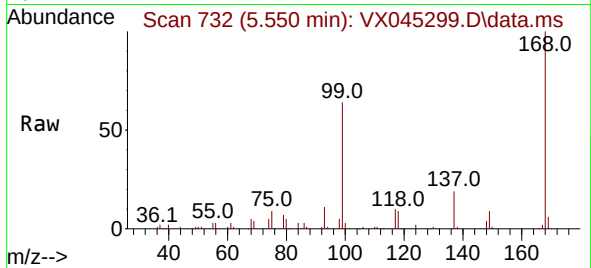




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045299.D
Acq: 17 Mar 2025 12:02

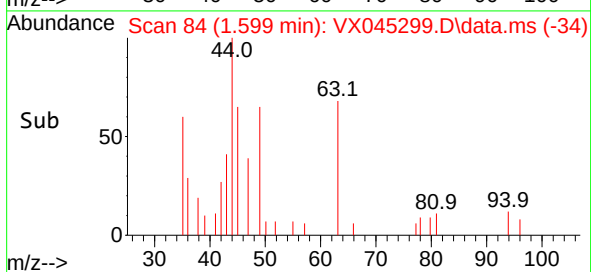
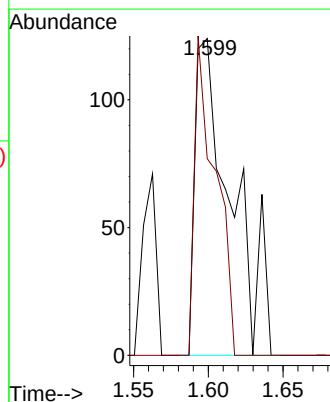
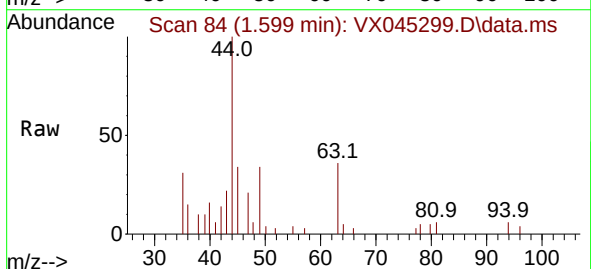
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

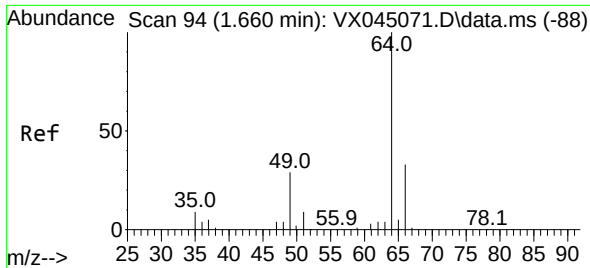
Tgt Ion:168 Resp: 73730
Ion Ratio Lower Upper
168 100
99 63.7 48.2 72.4



#5
Bromomethane
Concen: 0.472 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045299.D
Acq: 17 Mar 2025 12:02

Tgt Ion: 94 Resp: 209
Ion Ratio Lower Upper
94 100
96 62.1 75.0 112.4#

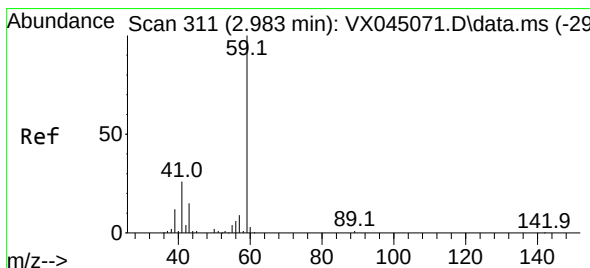
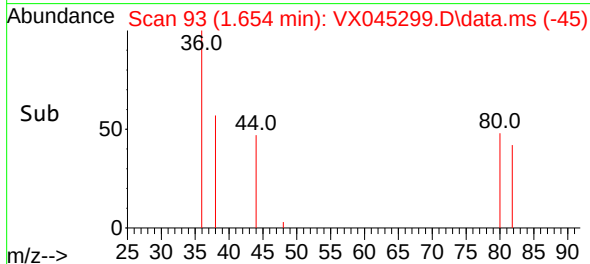
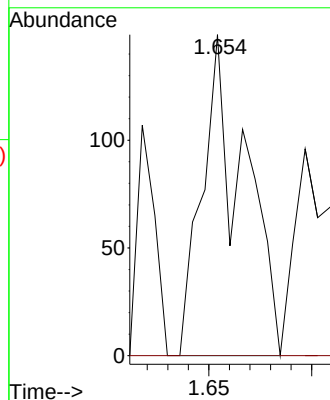
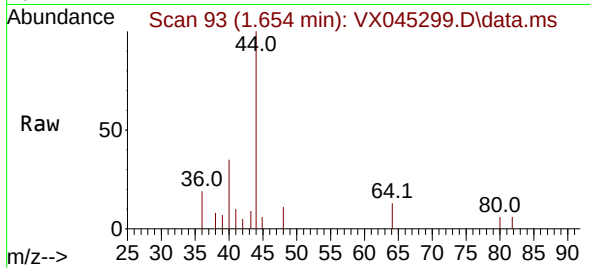




#6
Chloroethane
Concen: 0.408 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX045299.D
Acq: 17 Mar 2025 12:02

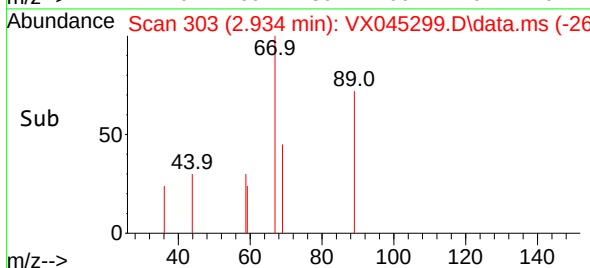
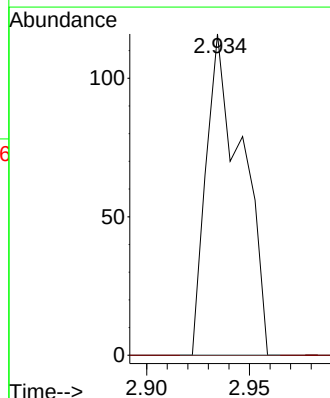
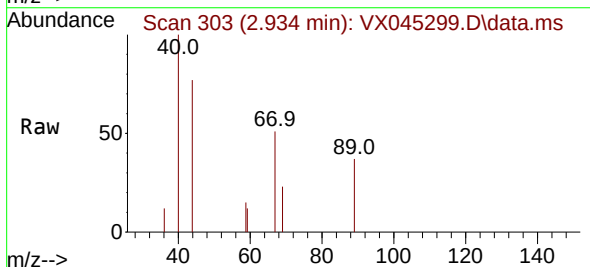
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

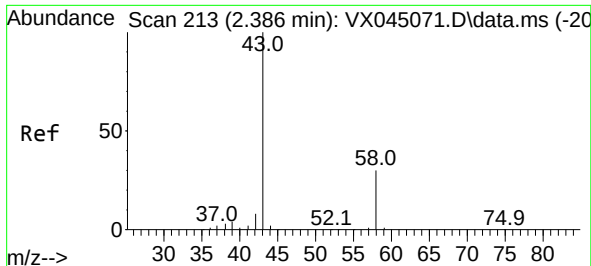
Tgt Ion: 64 Resp: 212
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#



#11
Tert butyl alcohol
Concen: 0.635 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.049 min
Lab File: VX045299.D
Acq: 17 Mar 2025 12:02

Tgt Ion: 59 Resp: 141
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

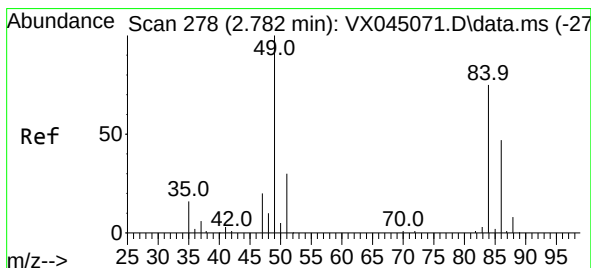
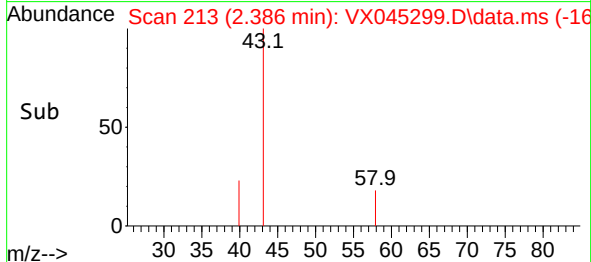
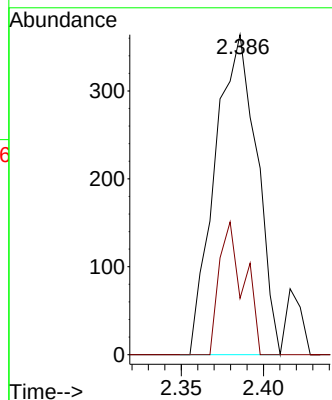
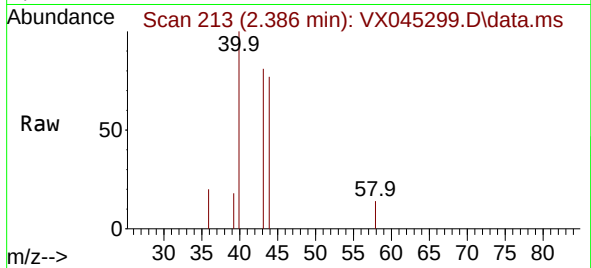




#16
Acetone
Concen: 1.184 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045299.D
Acq: 17 Mar 2025 12:02

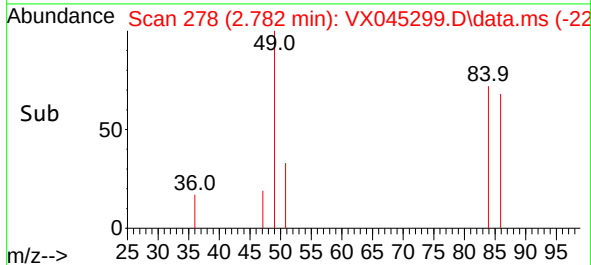
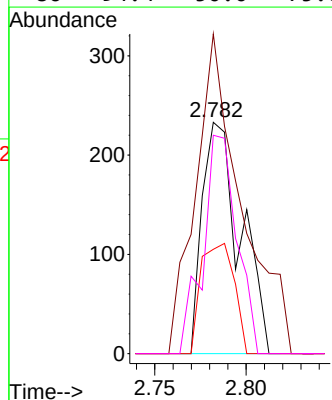
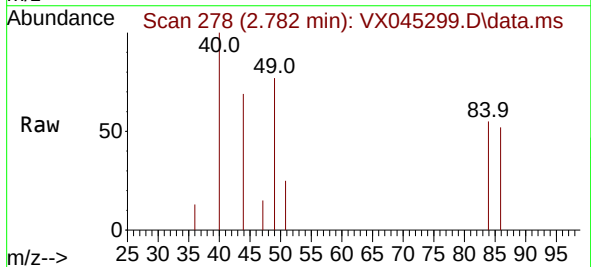
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

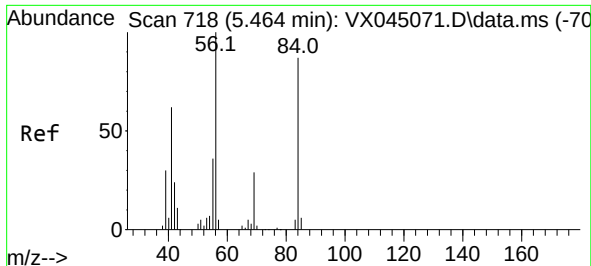
Tgt Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
58 17.6 24.2 36.4#



#20
Methylene Chloride
Concen: 0.314 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045299.D
Acq: 17 Mar 2025 12:02

Tgt Ion: 84 Resp: 338
Ion Ratio Lower Upper
84 100
49 103.9 106.5 159.7#
51 45.1 32.1 48.1
86 94.4 50.0 75.0#

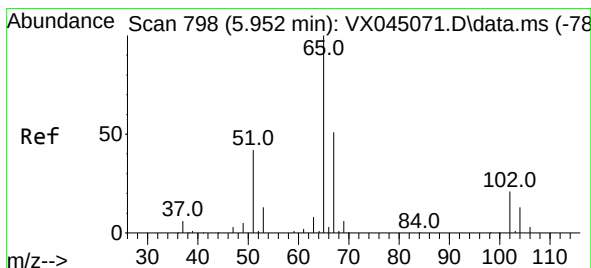
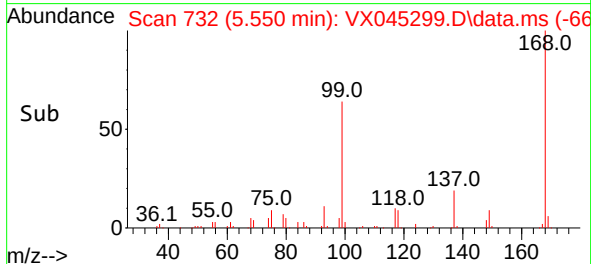
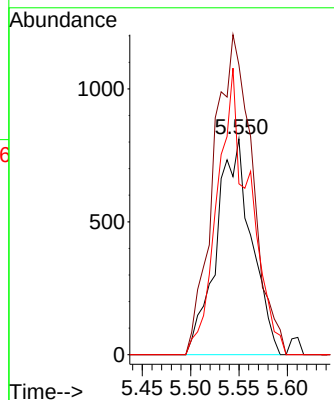
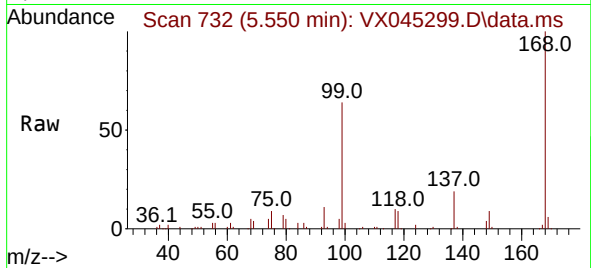




#31
Cyclohexane
Concen: 1.287 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045299.D
Acq: 17 Mar 2025 12:02

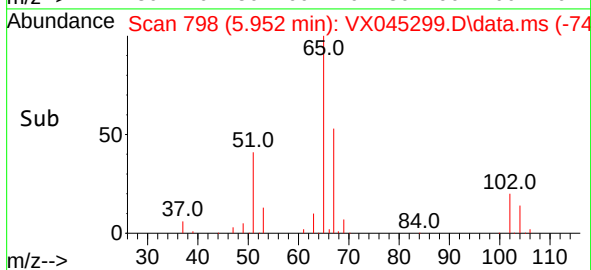
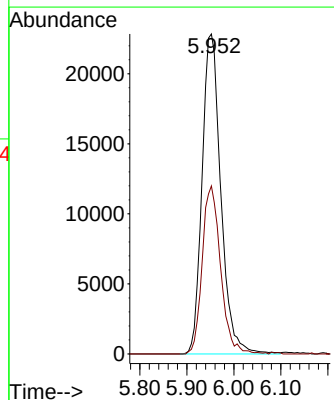
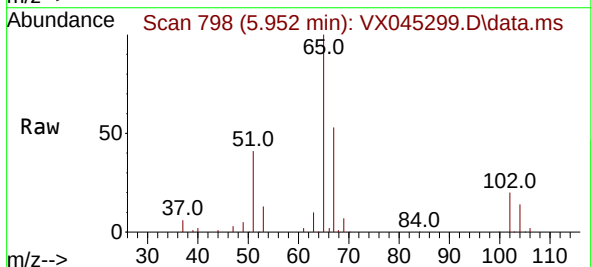
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

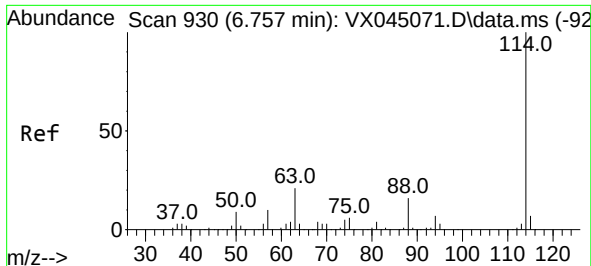
Tgt Ion: 56 Resp: 2053
Ion Ratio Lower Upper
56 100
69 134.2 23.4 35.2#
84 79.2 69.4 104.2



#33
1,2-Dichloroethane-d4
Concen: 54.105 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045299.D
Acq: 17 Mar 2025 12:02

Tgt Ion: 65 Resp: 63453
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.2

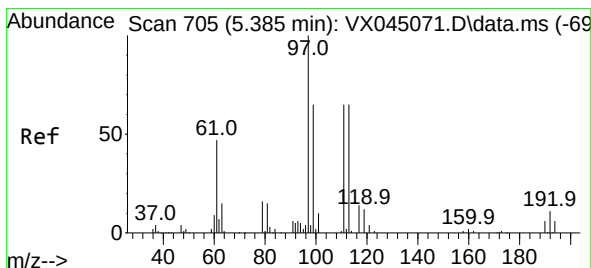
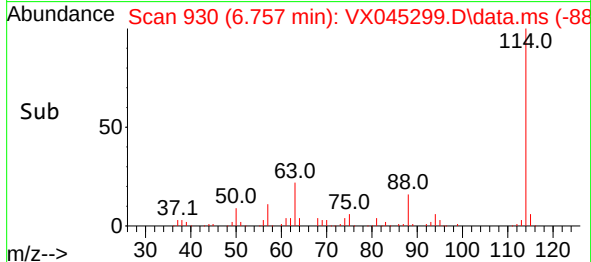
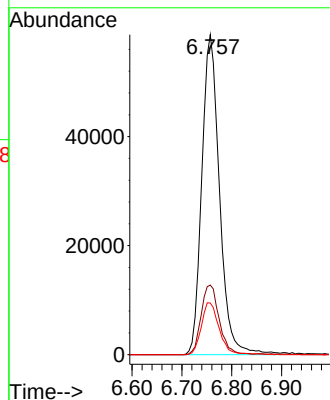
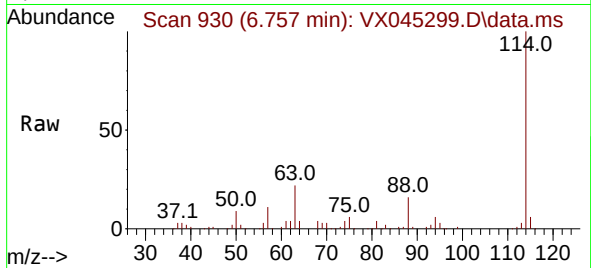




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045299.D
Acq: 17 Mar 2025 12:02

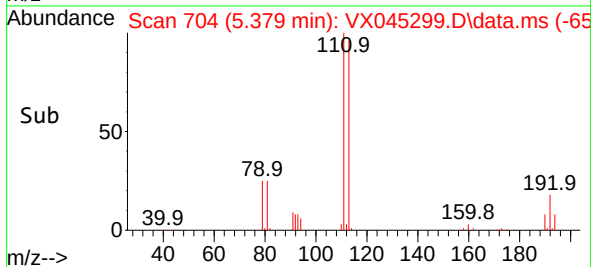
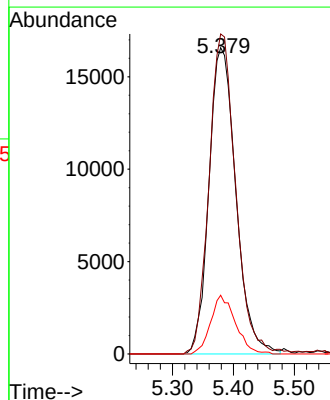
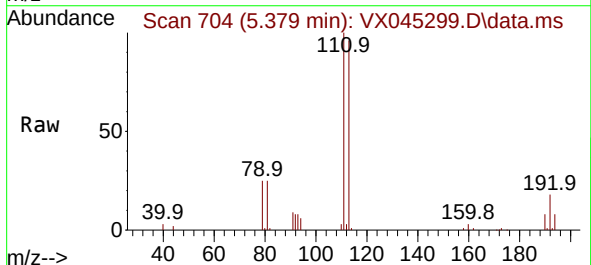
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

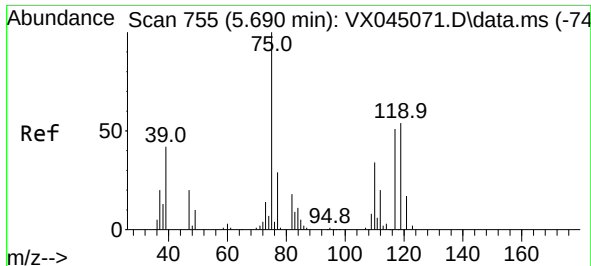
Tgt Ion:114 Resp: 144901
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.521 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045299.D
Acq: 17 Mar 2025 12:02

Tgt Ion:113 Resp: 50888
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.6
192 17.7 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.251 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX045299.D

Acq: 17 Mar 2025 12:02

Instrument :

MSVOA_X

ClientSampleId :

VX0317WBL01

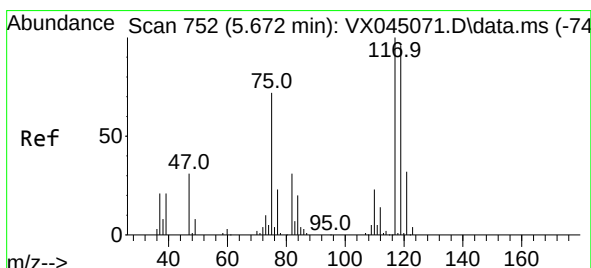
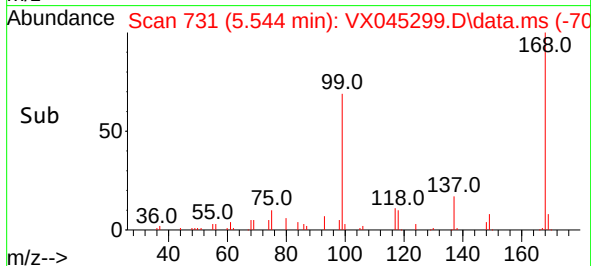
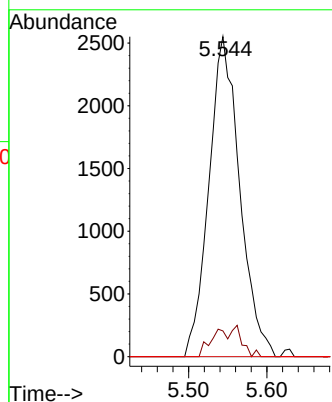
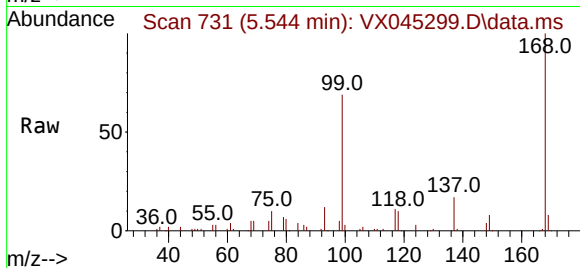
Tgt Ion: 75 Resp: 6977

Ion Ratio Lower Upper

75 100

110 4.8 16.9 50.6#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.917 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX045299.D

Acq: 17 Mar 2025 12:02

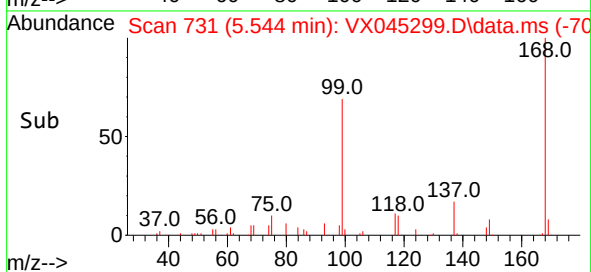
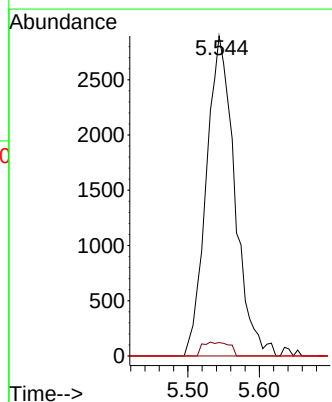
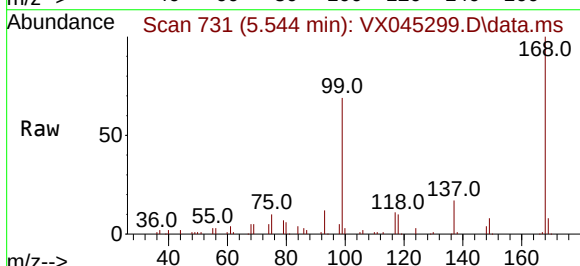
Tgt Ion: 117 Resp: 7982

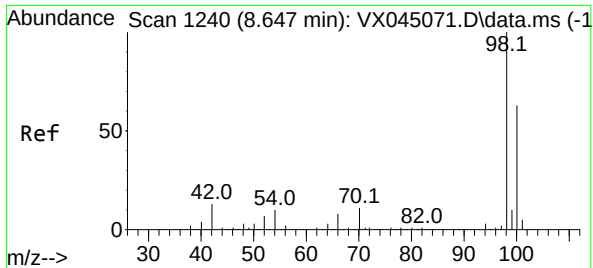
Ion Ratio Lower Upper

117 100

119 4.2 76.7 115.1#

121 0.0 25.5 38.3#

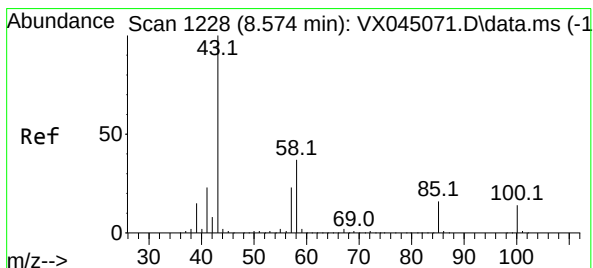
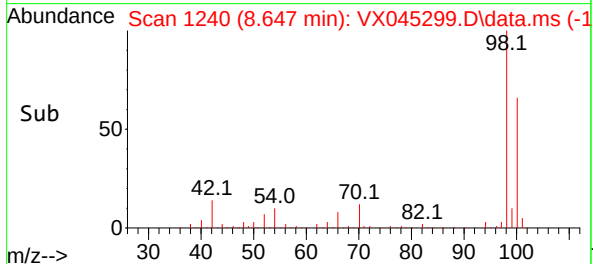
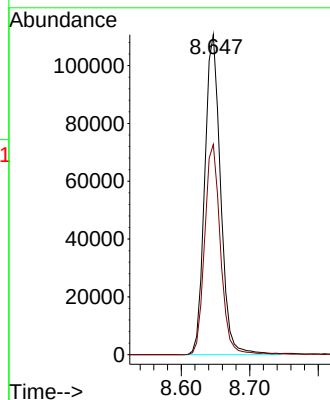
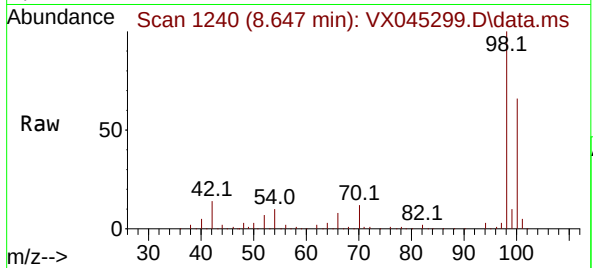




#50
Toluene-d8
Concen: 50.916 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045299.D
Acq: 17 Mar 2025 12:02

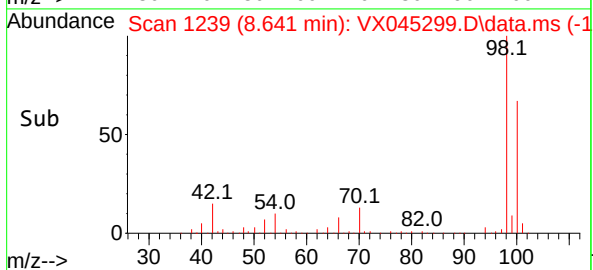
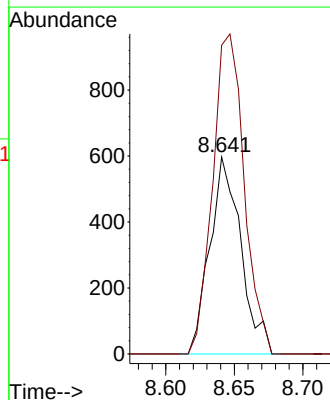
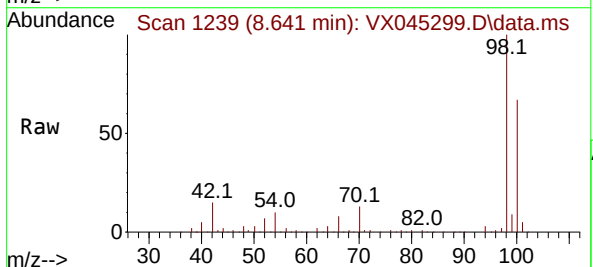
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

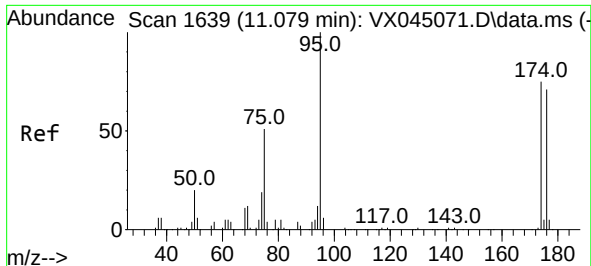
Tgt Ion: 98 Resp: 178851
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.554 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045299.D
Acq: 17 Mar 2025 12:02

Tgt Ion: 43 Resp: 941
Ion Ratio Lower Upper
43 100
58 165.2 29.2 43.8#

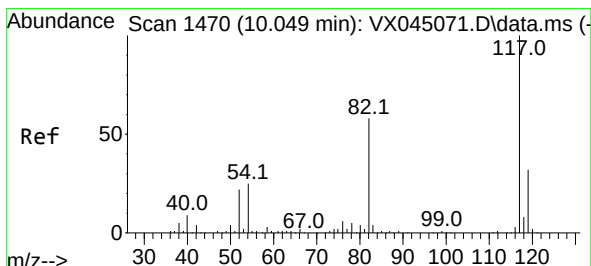
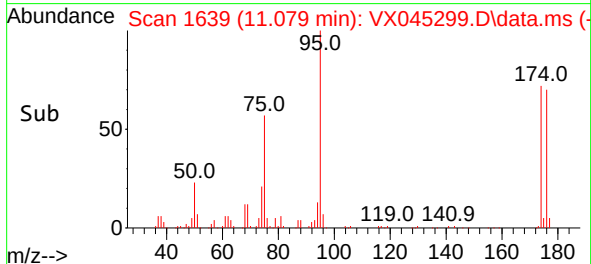
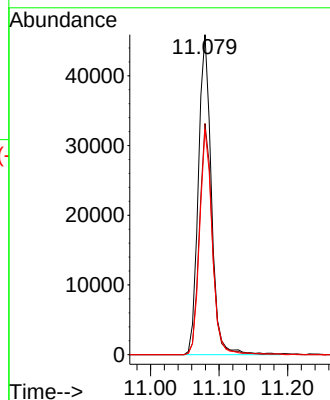
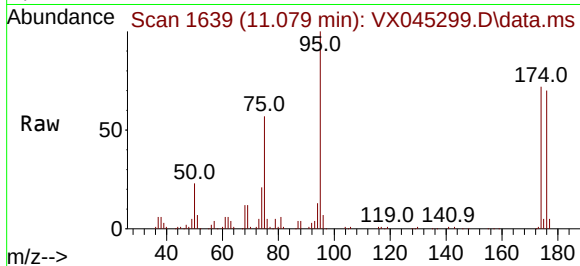




#62
4-Bromofluorobenzene
Concen: 52.072 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045299.D
Acq: 17 Mar 2025 12:02

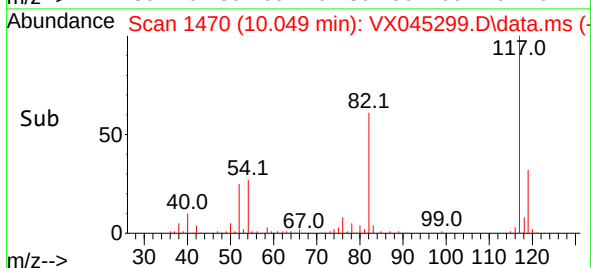
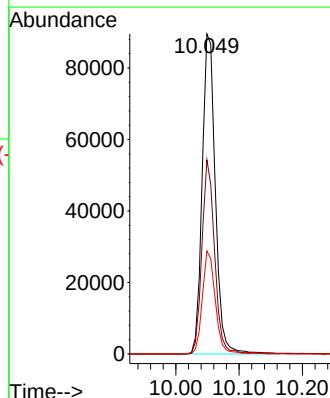
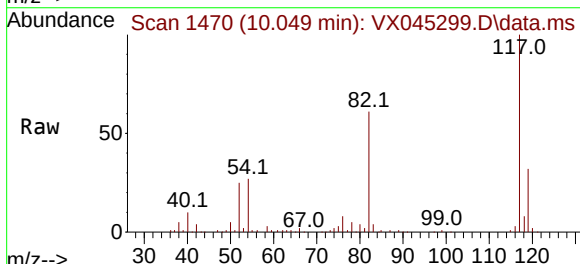
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01

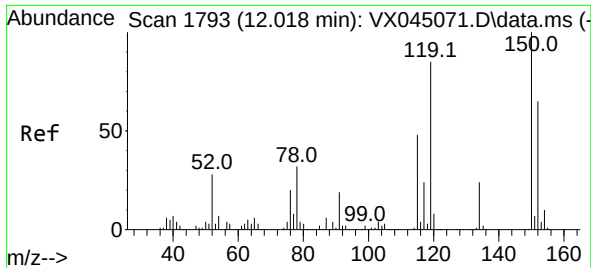
Tgt Ion: 95 Resp: 60611
Ion Ratio Lower Upper
95 100
174 71.1 0.0 148.2
176 68.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045299.D
Acq: 17 Mar 2025 12:02

Tgt Ion: 117 Resp: 130224
Ion Ratio Lower Upper
117 100
82 60.6 46.3 69.5
119 32.1 25.7 38.5

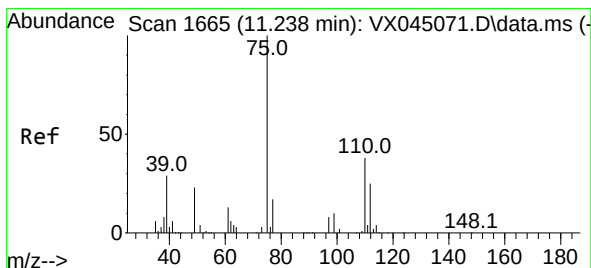
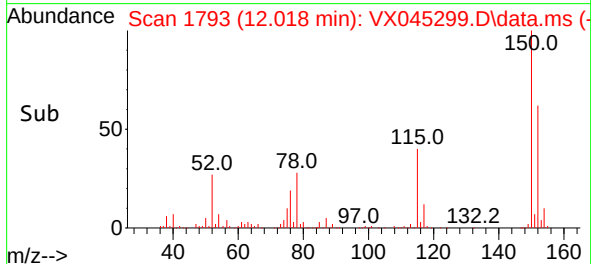
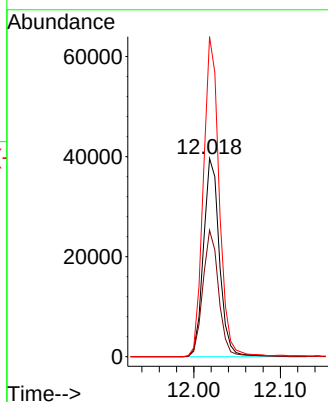
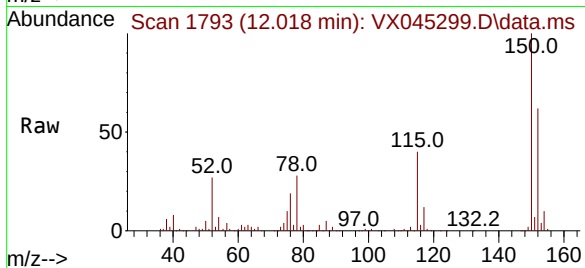




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045299.D
 Acq: 17 Mar 2025 12:02

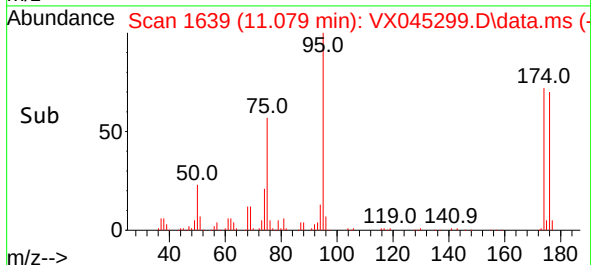
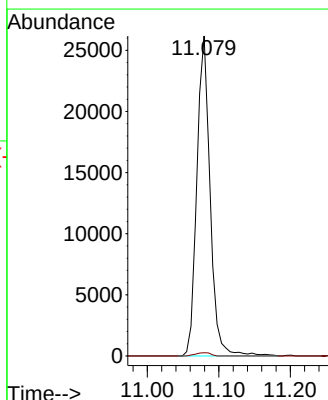
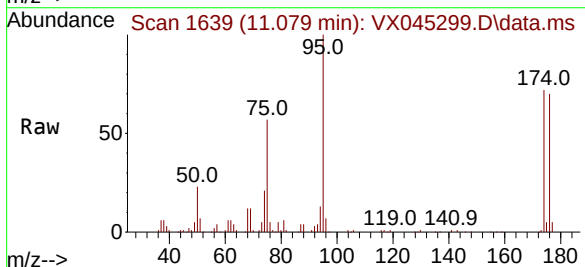
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBL01

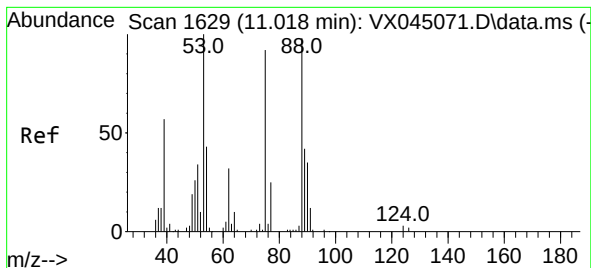
Tgt Ion:152 Resp: 50695
 Ion Ratio Lower Upper
 152 100
 115 63.5 44.2 132.6
 150 160.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.608 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045299.D
 Acq: 17 Mar 2025 12:02

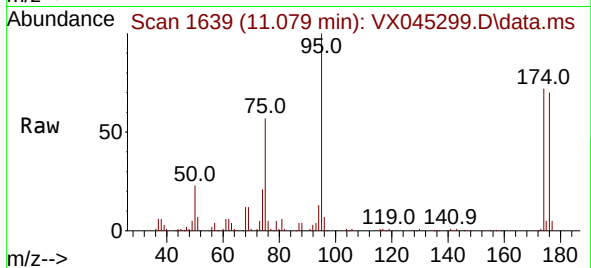
Tgt Ion: 75 Resp: 33756
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 97.903 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045299.D
Acq: 17 Mar 2025 12:02

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL01



Tgt Ion: 75 Resp: 33756
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

