

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
 Data File : VX045101.D
 Acq On : 03 Mar 2025 09:16
 Operator : JC/MD
 Sample : VX0303MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0303MBL01

Quant Time: Mar 04 05:18:05 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)

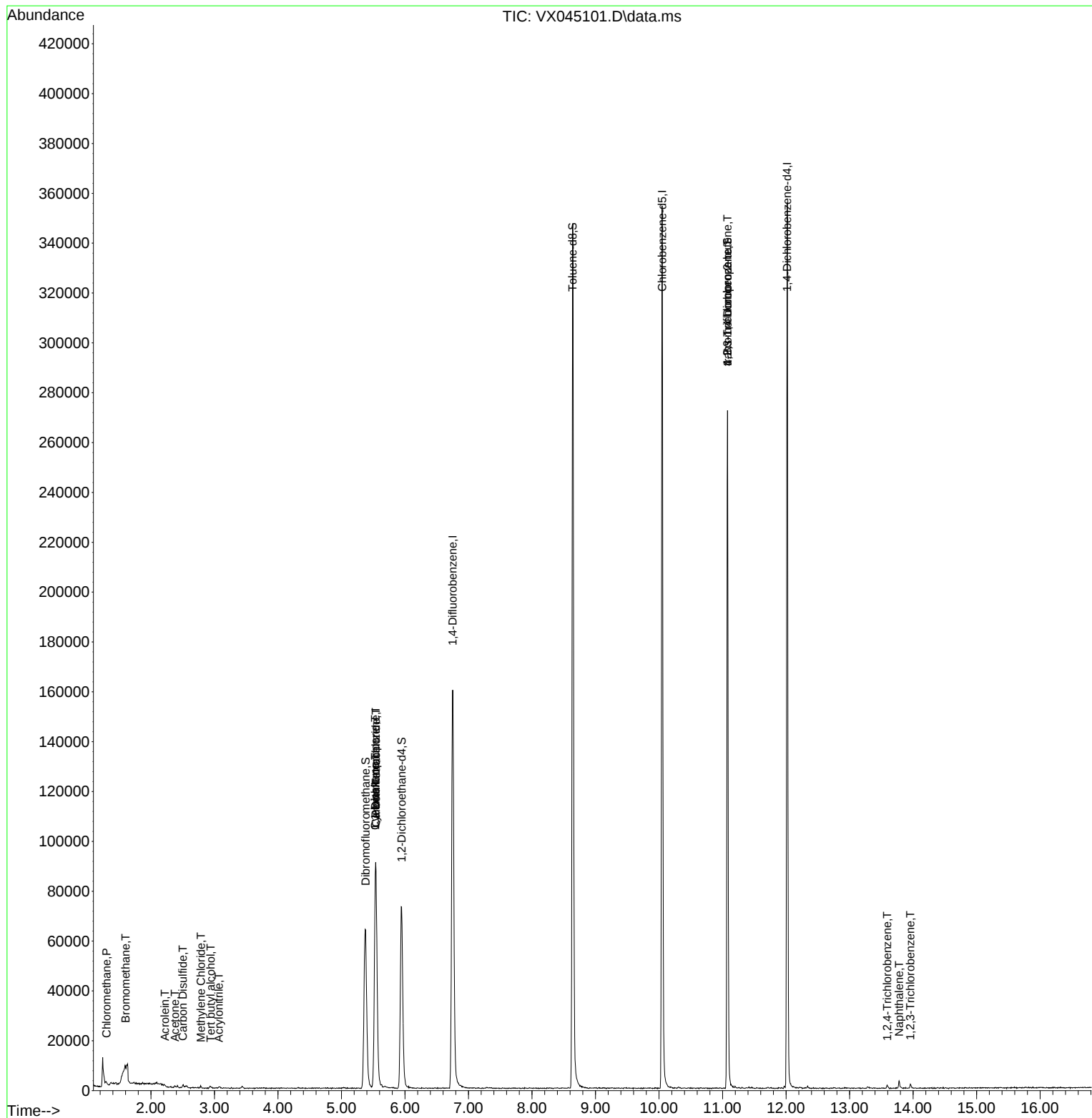
Internal Standards						
1) Pentafluorobenzene	5.538	168	85856	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	167842	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	154084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	69138	50.626	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.260%		
35) Dibromofluoromethane	5.379	113	57640	51.358	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.720%		
50) Toluene-d8	8.641	98	209430	51.472	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.940%		
62) 4-Bromofluorobenzene	11.079	95	72357	53.666	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 107.340%		
Target Compounds						Qvalue
3) Chloromethane	1.300	50	549	0.415	ug/l #	43
5) Bromomethane	1.599	94	218	0.423	ug/l #	57
11) Tert butyl alcohol	2.940	59	255	0.986	ug/l #	73
13) Acrolein	2.221	56	190	0.635	ug/l #	52
15) Acrylonitrile	3.068	53	233	0.336	ug/l #	62
16) Acetone	2.380	43	750	1.184	ug/l	93
17) Carbon Disulfide	2.501	76	1378	0.490	ug/l	99
20) Methylene Chloride	2.788	84	317	0.253	ug/l #	69
31) Cyclohexane	5.531	56	2228	1.199	ug/l #	27
36) 1,1-Dichloropropene	5.531	75	7736	5.026	ug/l #	49
38) Carbon Tetrachloride	5.544	117	8908	5.701	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	38697	24.235	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	38697	82.938	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	521	0.405	ug/l	78
95) Naphthalene	13.780	128	2615	0.529	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	593	0.437	ug/l	97

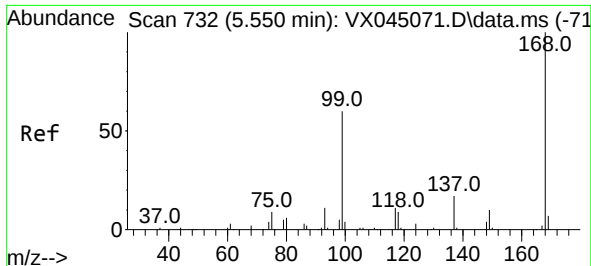
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 04 05:18:05 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

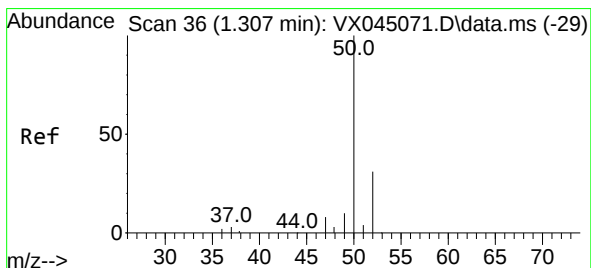
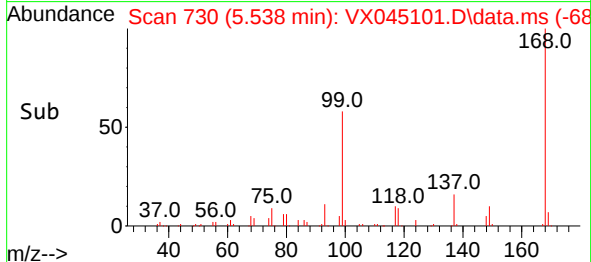
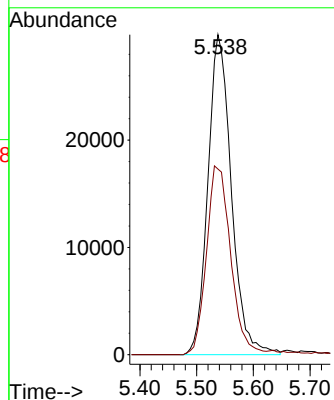
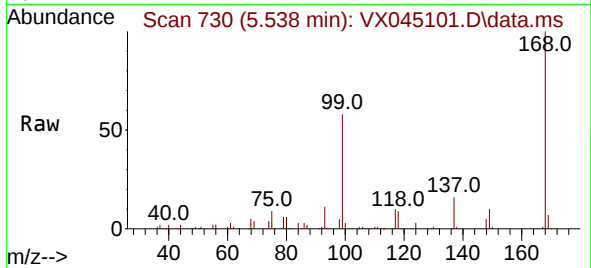




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

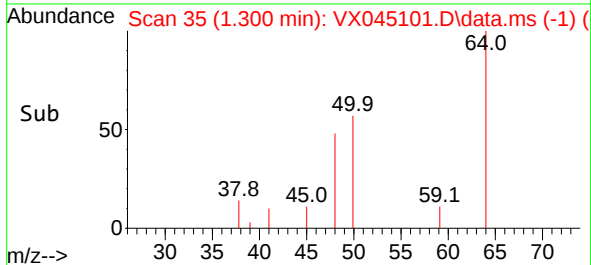
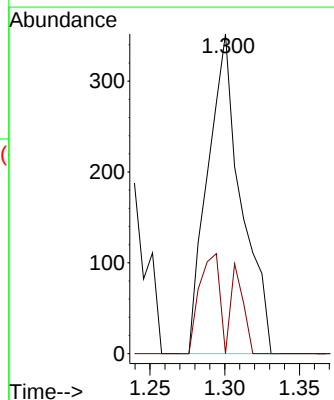
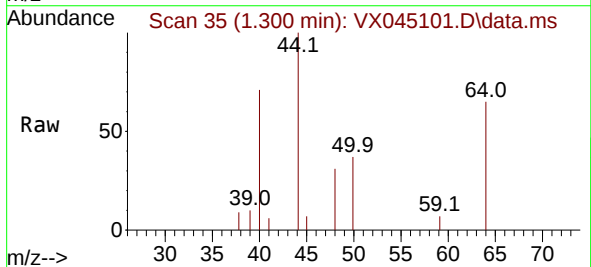
Instrument :
MSVOA_X
ClientSampleId :
VX0303MBL01

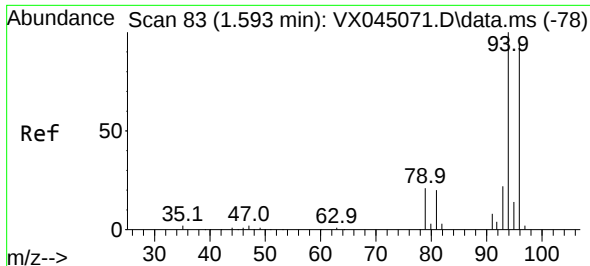
Tgt Ion:168 Resp: 85856
Ion Ratio Lower Upper
168 100
99 58.0 48.2 72.4



#3
Chloromethane
Concen: 0.415 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Tgt Ion: 50 Resp: 549
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

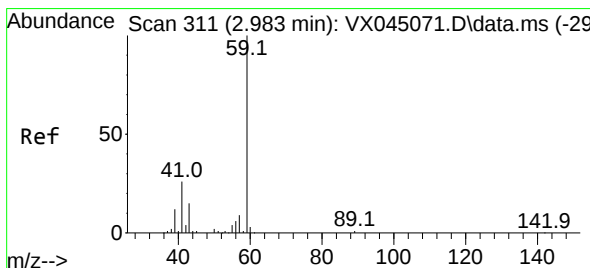
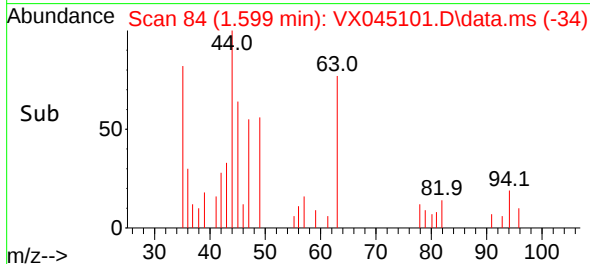
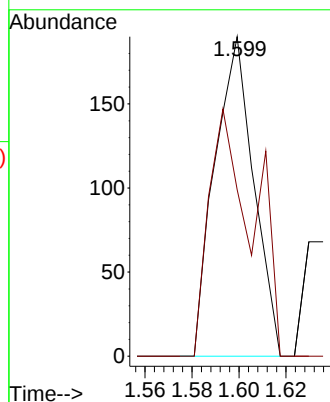
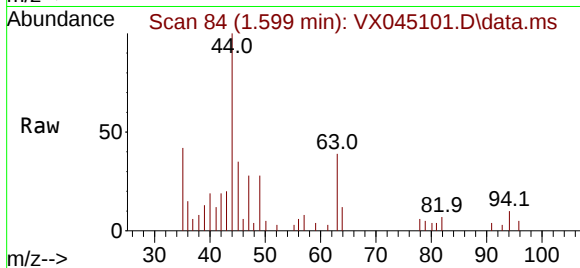




#5
Bromomethane
Concen: 0.423 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

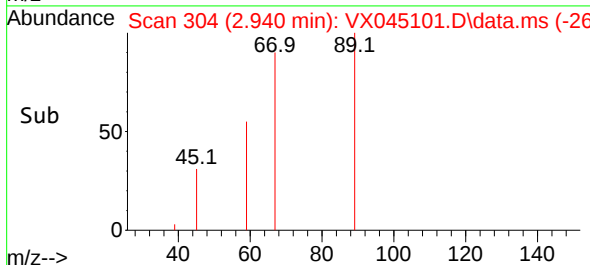
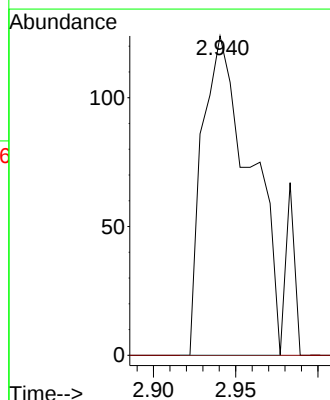
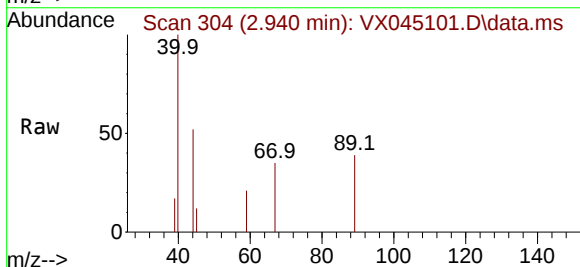
Instrument :
MSVOA_X
ClientSampleId :
VX0303MBL01

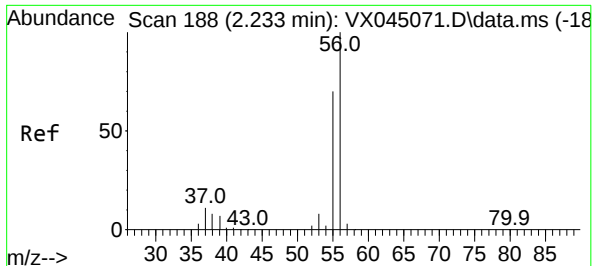
Tgt Ion: 94 Resp: 218
Ion Ratio Lower Upper
94 100
96 52.1 75.0 112.4#



#11
Tert butyl alcohol
Concen: 0.986 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Tgt Ion: 59 Resp: 255
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

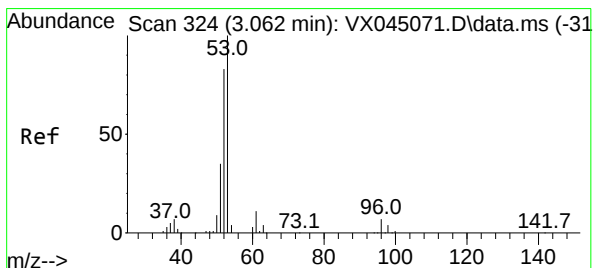
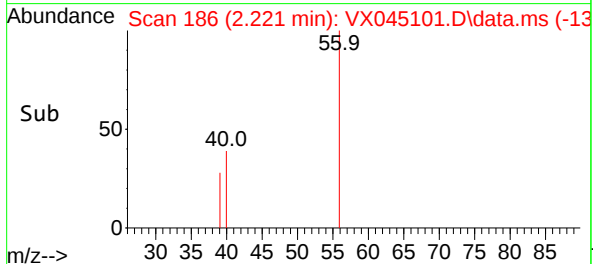
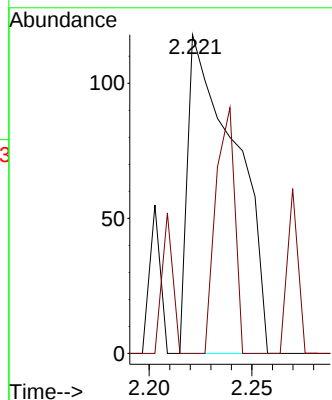
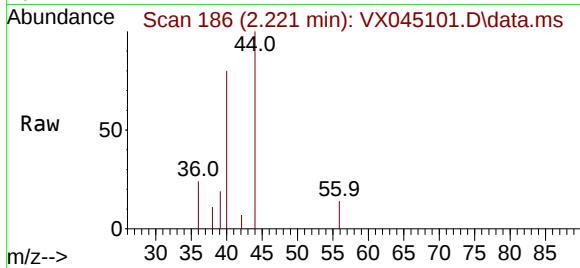




#13
Acrolein
Concen: 0.635 ug/l
RT: 2.221 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

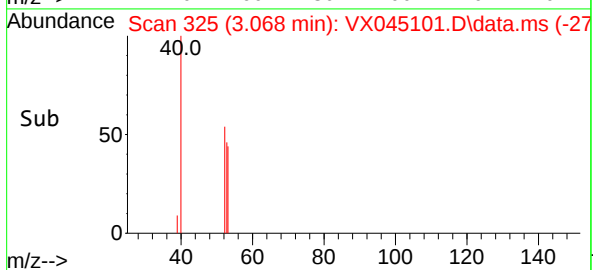
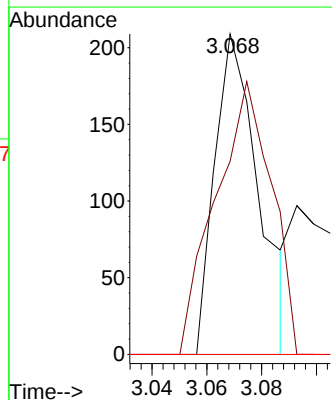
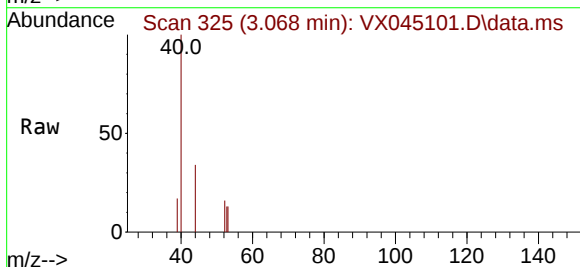
Instrument :
MSVOA_X
ClientSampleId :
VX0303MBL01

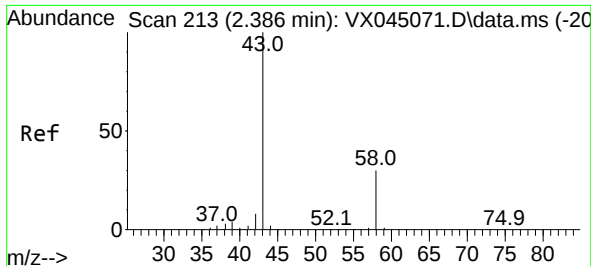
Tgt Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
55 31.1 56.2 84.4#



#15
Acrylonitrile
Concen: 0.336 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Tgt Ion: 53 Resp: 233
Ion Ratio Lower Upper
53 100
52 108.2 66.2 99.2#
51 0.0 29.0 43.4#

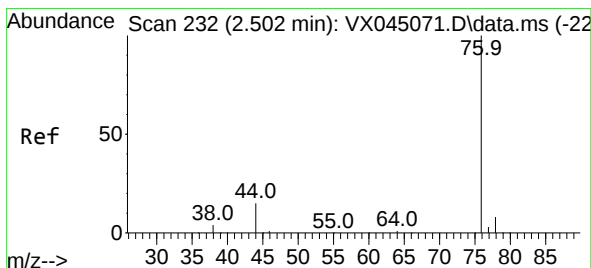
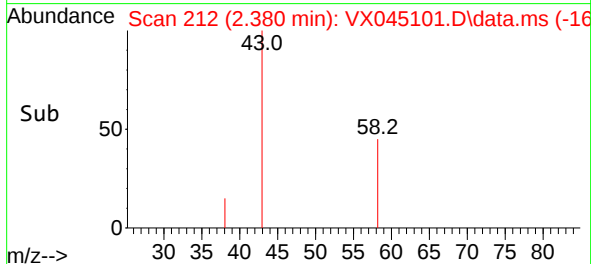
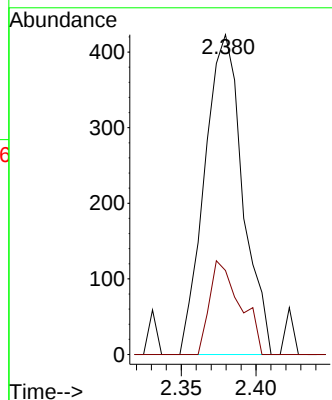
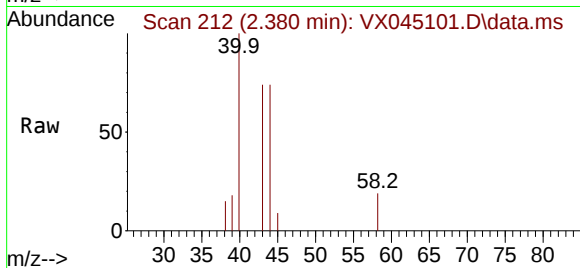




#16
Acetone
Concen: 1.184 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

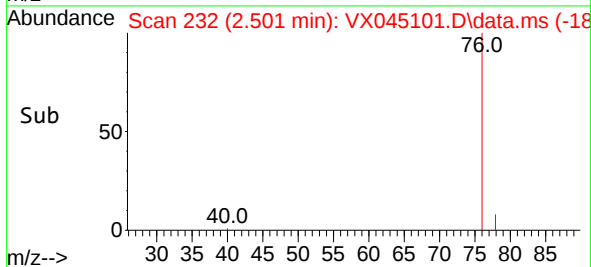
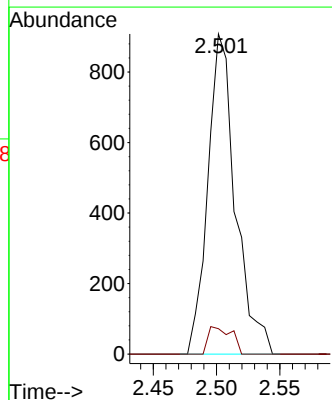
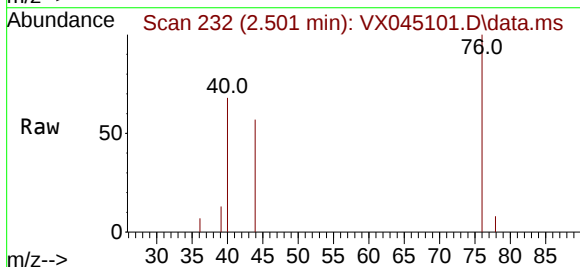
Instrument :
MSVOA_X
ClientSampleId :
VX0303MBL01

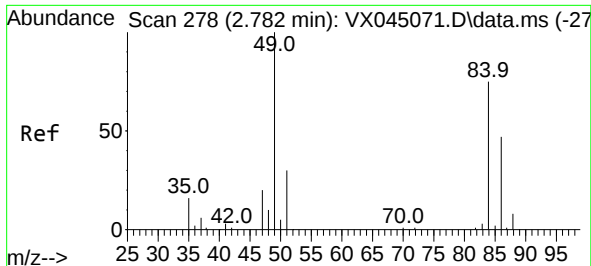
Tgt Ion: 43 Resp: 750
Ion Ratio Lower Upper
43 100
58 26.2 24.2 36.4



#17
Carbon Disulfide
Concen: 0.490 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Tgt Ion: 76 Resp: 1378
Ion Ratio Lower Upper
76 100
78 7.9 6.6 9.8





#20

Methylene Chloride

Concen: 0.253 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX045101.D

Acq: 03 Mar 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VX0303MBL01

Tgt Ion: 84 Resp: 317

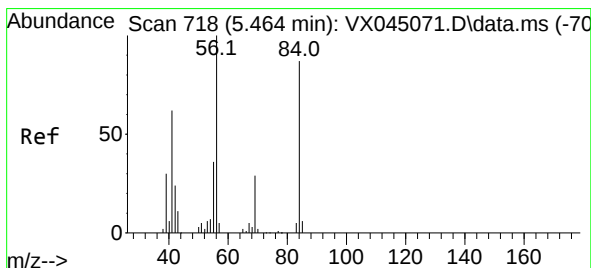
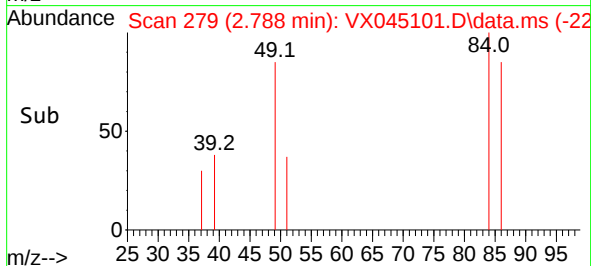
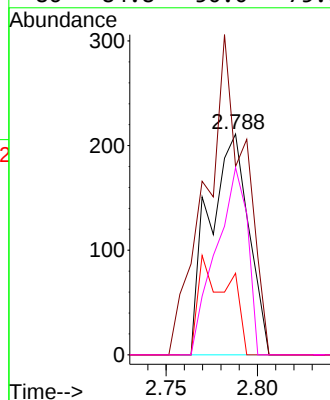
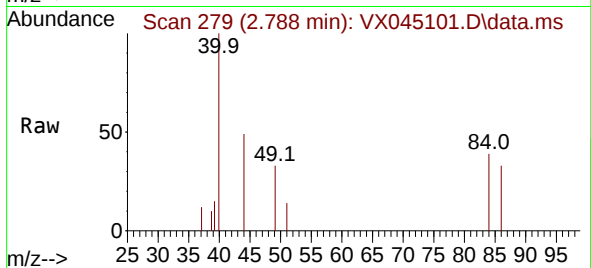
Ion Ratio Lower Upper

84 100

49 85.3 106.5 159.7#

51 37.0 32.1 48.1

86 84.8 50.0 75.0#



#31

Cyclohexane

Concen: 1.199 ug/l

RT: 5.531 min Scan# 729

Delta R.T. 0.067 min

Lab File: VX045101.D

Acq: 03 Mar 2025 09:16

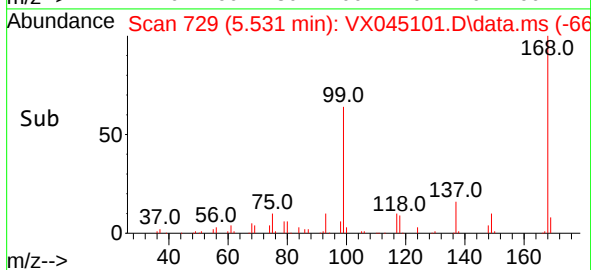
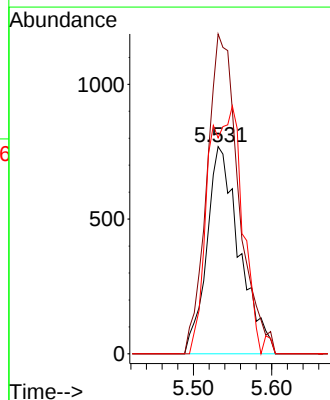
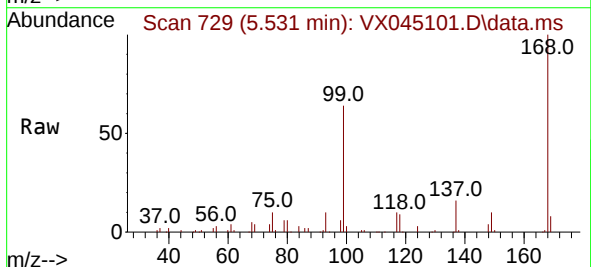
Tgt Ion: 56 Resp: 2228

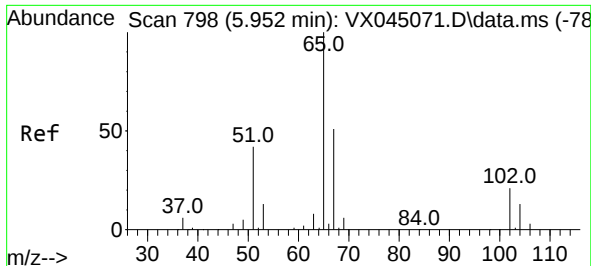
Ion Ratio Lower Upper

56 100

69 154.4 23.4 35.2#

84 104.2 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 50.626 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045101.D

Acq: 03 Mar 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

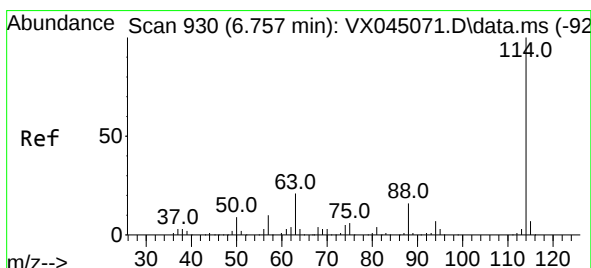
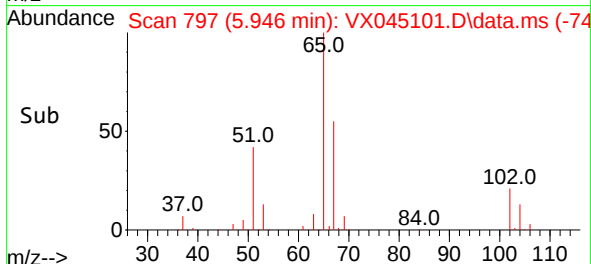
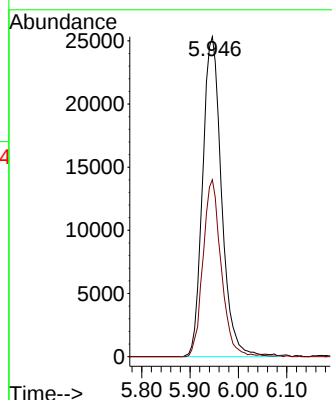
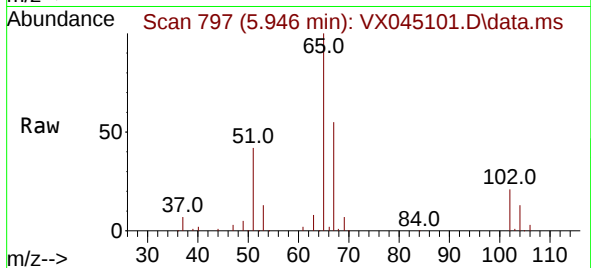
VX0303MBL01

Tgt Ion: 65 Resp: 69138

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX045101.D

Acq: 03 Mar 2025 09:16

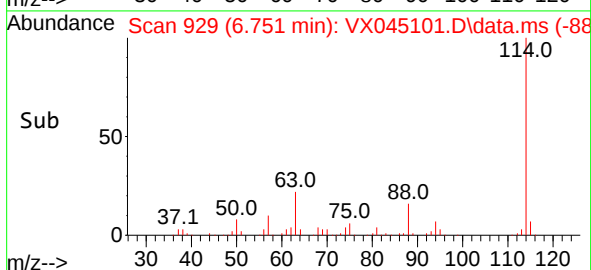
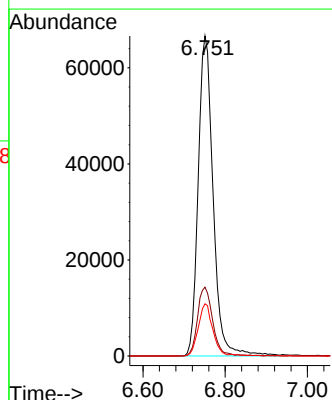
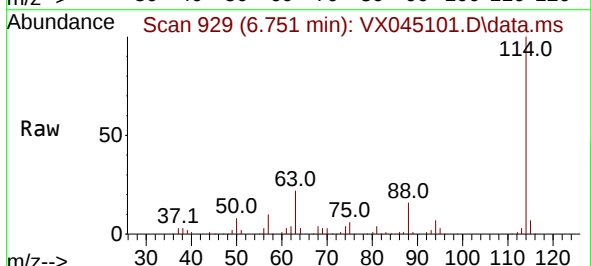
Tgt Ion: 114 Resp: 167842

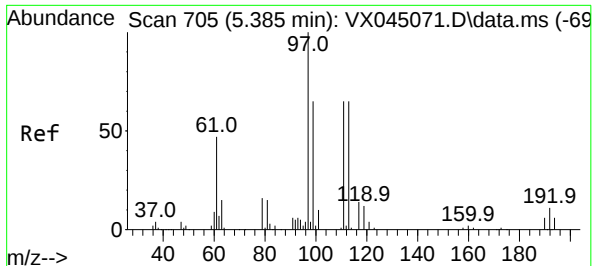
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.358 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX045101.D

Acq: 03 Mar 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VX0303MBL01

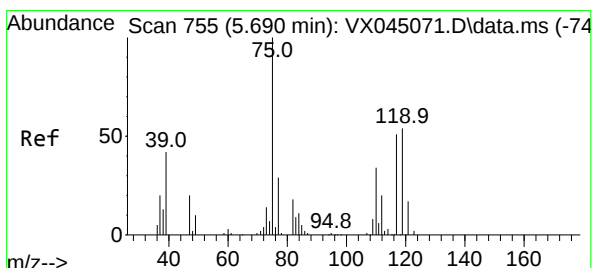
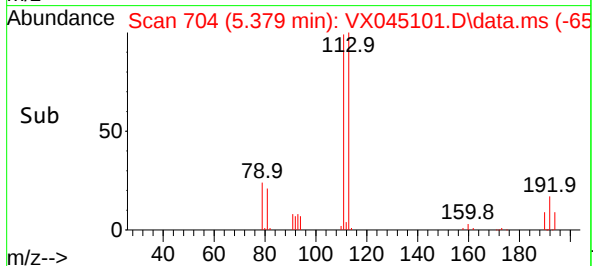
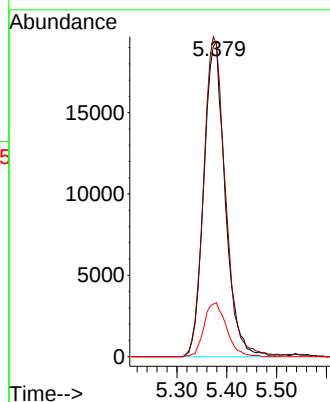
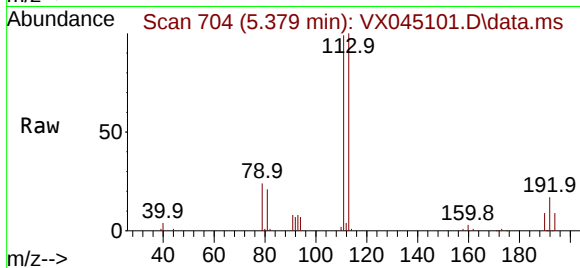
Tgt Ion:113 Resp: 57640

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

192 18.0 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.026 ug/l

RT: 5.531 min Scan# 729

Delta R.T. -0.159 min

Lab File: VX045101.D

Acq: 03 Mar 2025 09:16

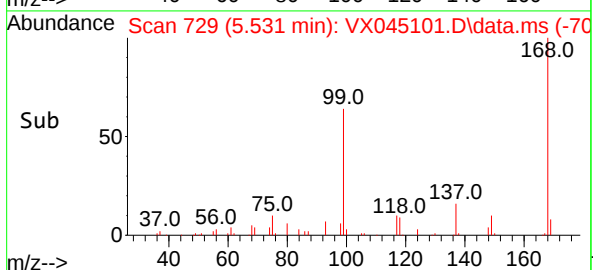
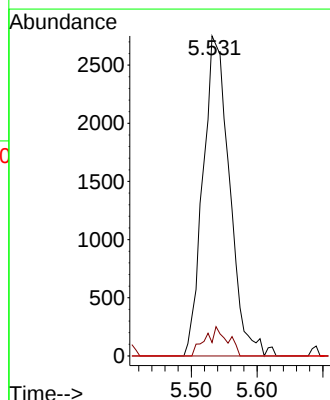
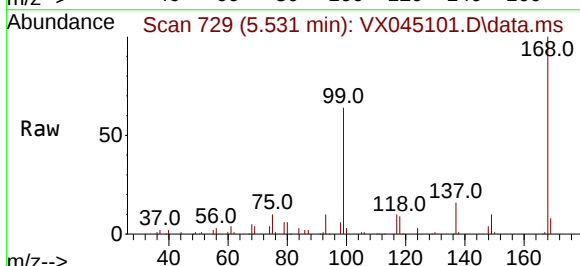
Tgt Ion: 75 Resp: 7736

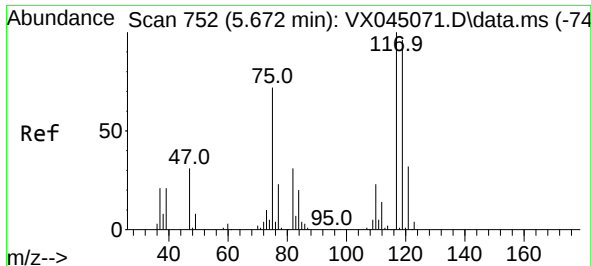
Ion Ratio Lower Upper

75 100

110 7.6 16.9 50.6#

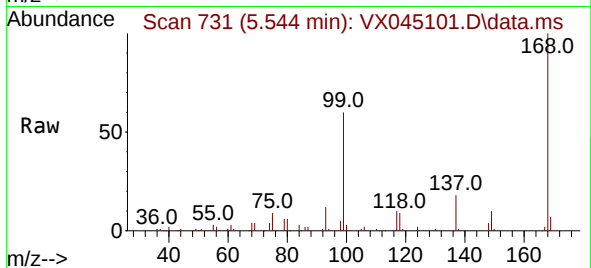
77 0.0 24.5 36.7#



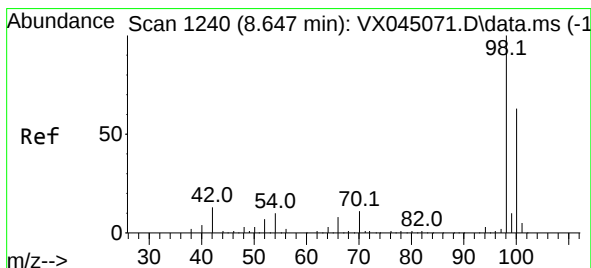
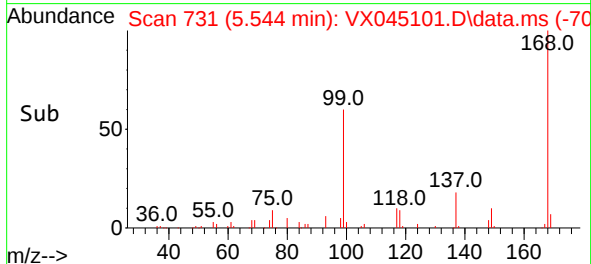
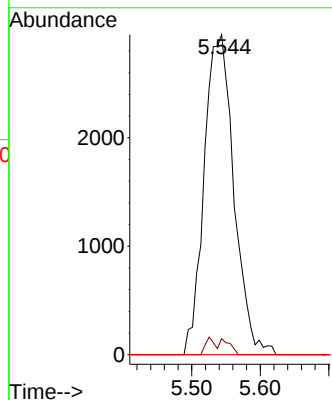


#38
Carbon Tetrachloride
Concen: 5.701 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Instrument :
MSVOA_X
ClientSampleId :
VX0303MBL01

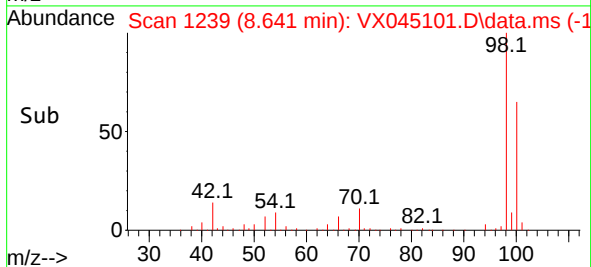
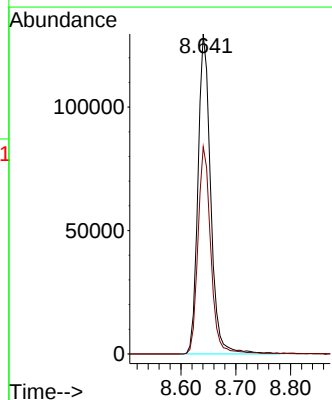
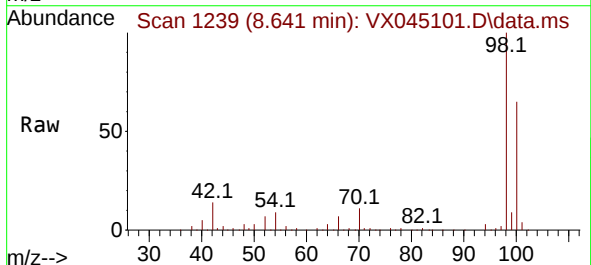


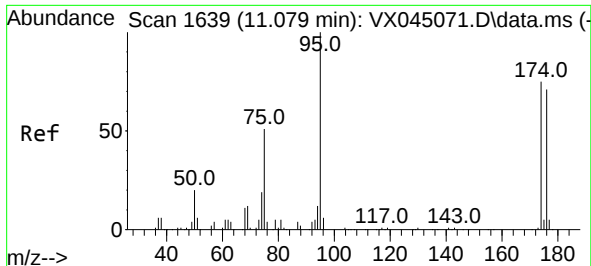
Tgt Ion:117 Resp: 8908
Ion Ratio Lower Upper
117 100
119 5.0 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.472 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Tgt Ion: 98 Resp: 209430
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 53.666 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045101.D

Acq: 03 Mar 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VX0303MBL01

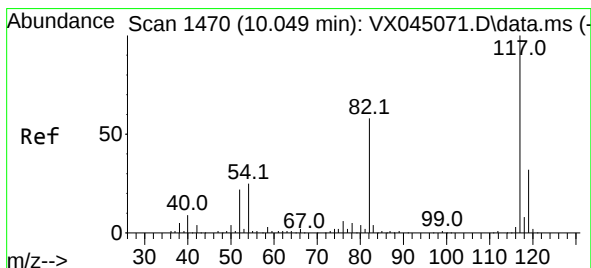
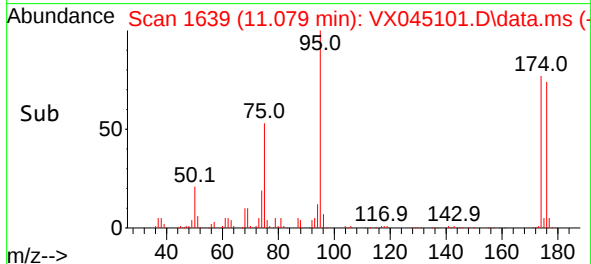
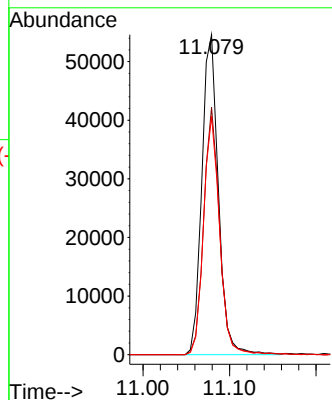
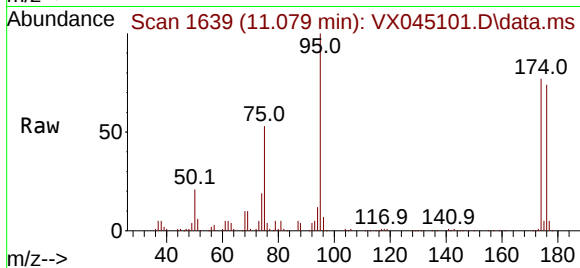
Tgt Ion: 95 Resp: 72357

Ion Ratio Lower Upper

95 100

174 74.6 0.0 148.2

176 72.5 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: VX045101.D

Acq: 03 Mar 2025 09:16

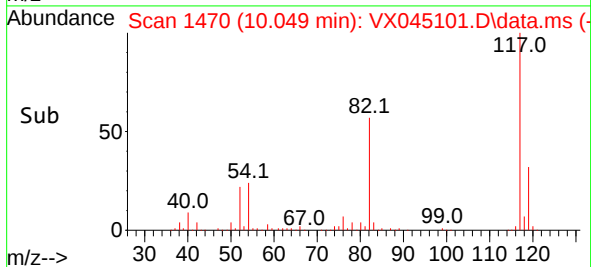
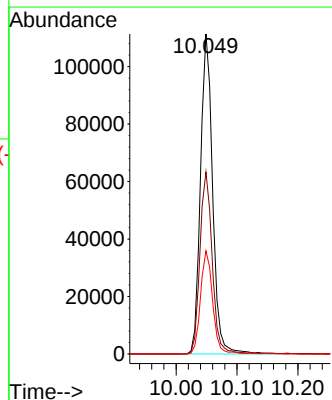
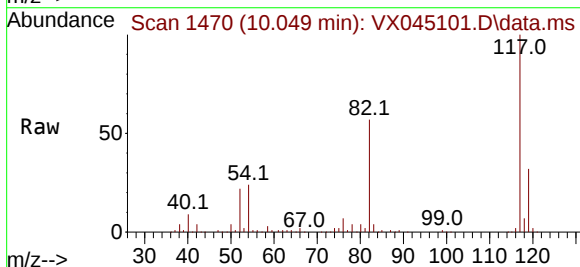
Tgt Ion: 117 Resp: 154084

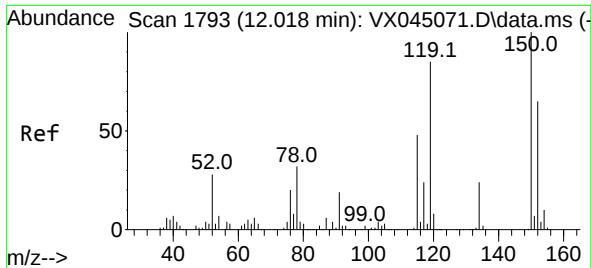
Ion Ratio Lower Upper

117 100

82 56.8 46.3 69.5

119 32.2 25.7 38.5

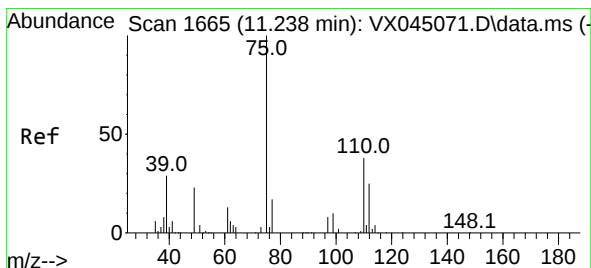
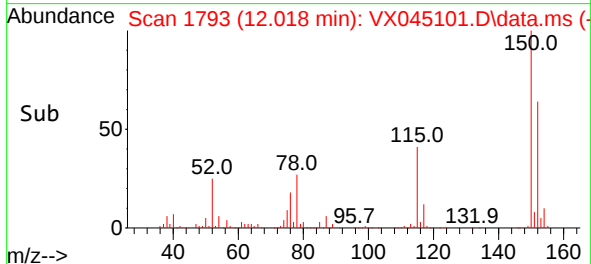
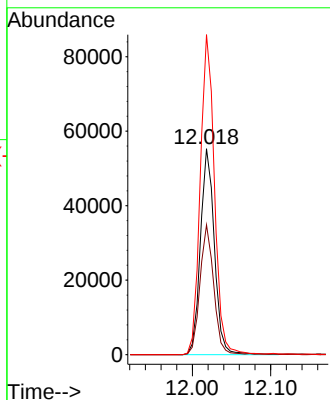
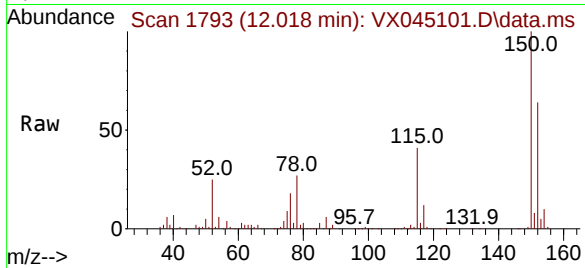




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

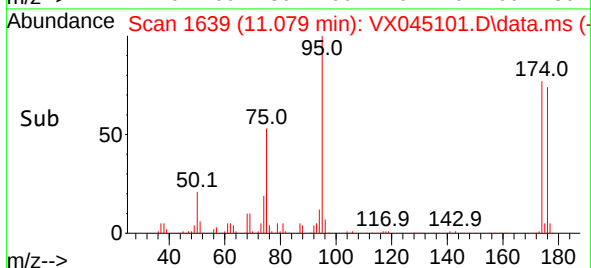
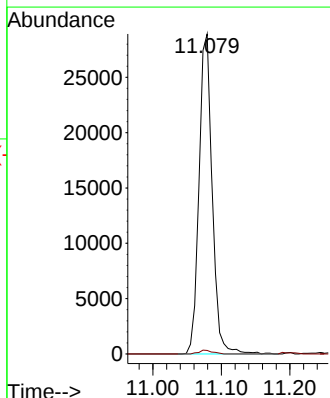
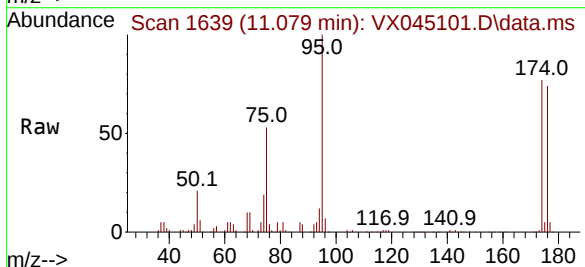
Instrument :
MSVOA_X
ClientSampleId :
VX0303MBL01

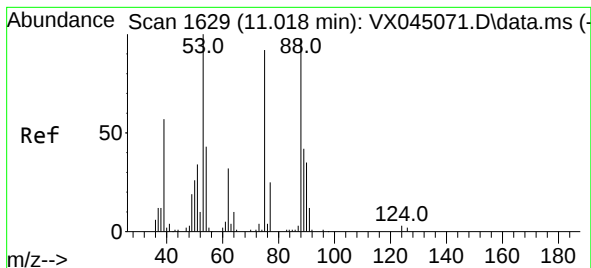
Tgt Ion:152 Resp: 68602
Ion Ratio Lower Upper
152 100
115 62.3 44.2 132.6
150 157.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.235 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Tgt Ion: 75 Resp: 38697
Ion Ratio Lower Upper
75 100
77 1.2 20.7 62.1#

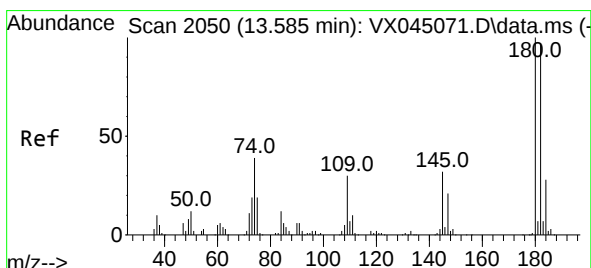
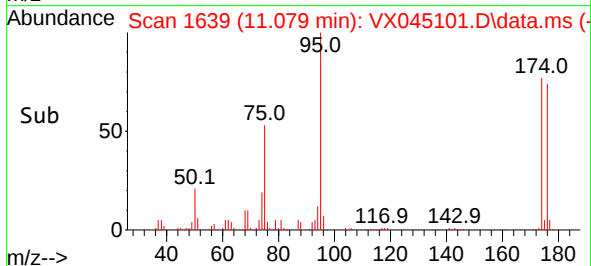
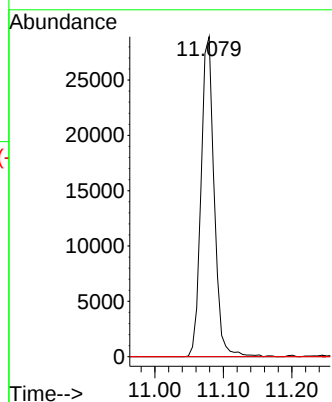
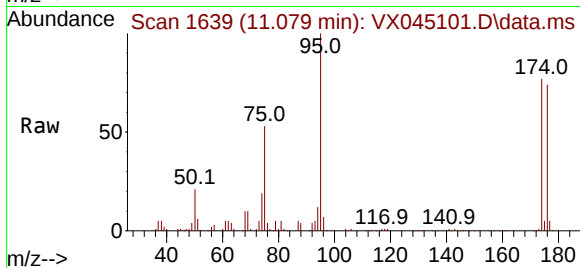




#81
trans-1,4-Dichloro-2-butene
Concen: 82.938 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

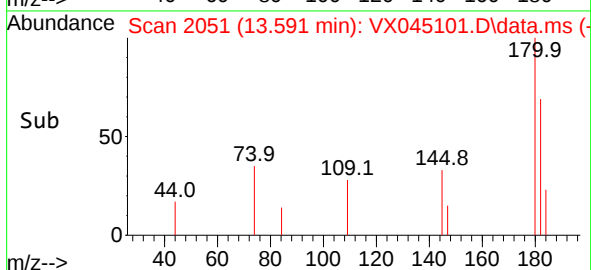
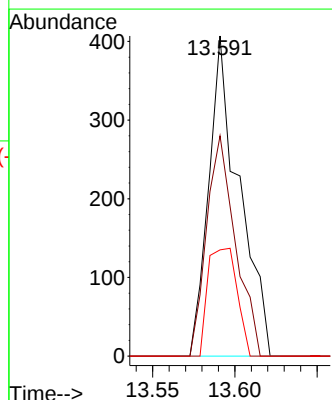
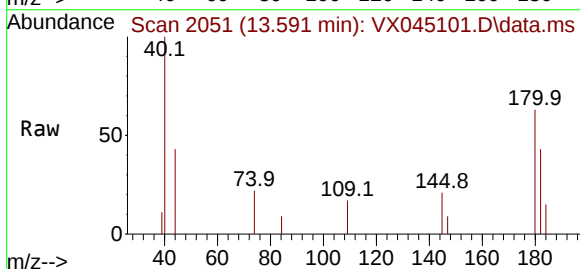
Instrument :
MSVOA_X
ClientSampleId :
VX0303MBL01

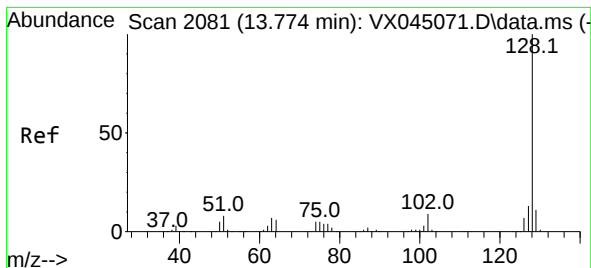
Tgt Ion: 75 Resp: 38697
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.405 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX045101.D
Acq: 03 Mar 2025 09:16

Tgt Ion:180 Resp: 521
Ion Ratio Lower Upper
180 100
182 65.5 47.3 141.9
145 32.4 16.3 48.9





#95

Naphthalene

Concen: 0.529 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX045101.D

Acq: 03 Mar 2025 09:16

Instrument :

MSVOA_X

ClientSampleId :

VX0303MBL01

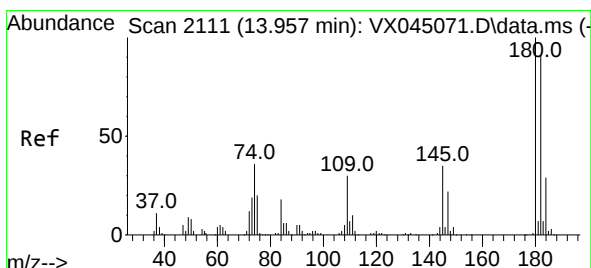
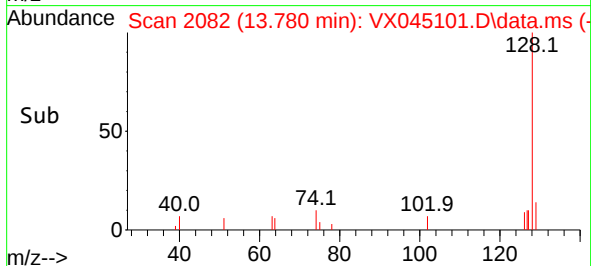
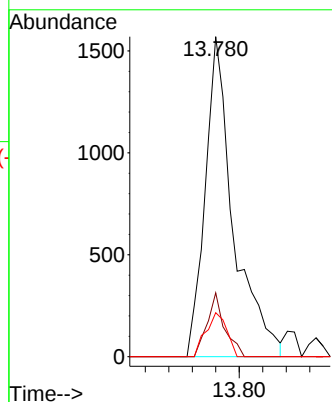
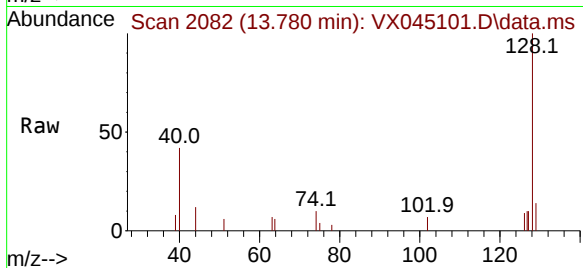
Tgt Ion:128 Resp: 2615

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 10.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.437 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX045101.D

Acq: 03 Mar 2025 09:16

Tgt Ion:180 Resp: 593

Ion Ratio Lower Upper

180 100

182 93.6 47.5 142.6

145 30.9 17.0 50.9

