

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
 Data File : VX046178.D
 Acq On : 13 May 2025 19:52
 Operator : JC/MD
 Sample : Q2018-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW3

Quant Time: May 14 01:47:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

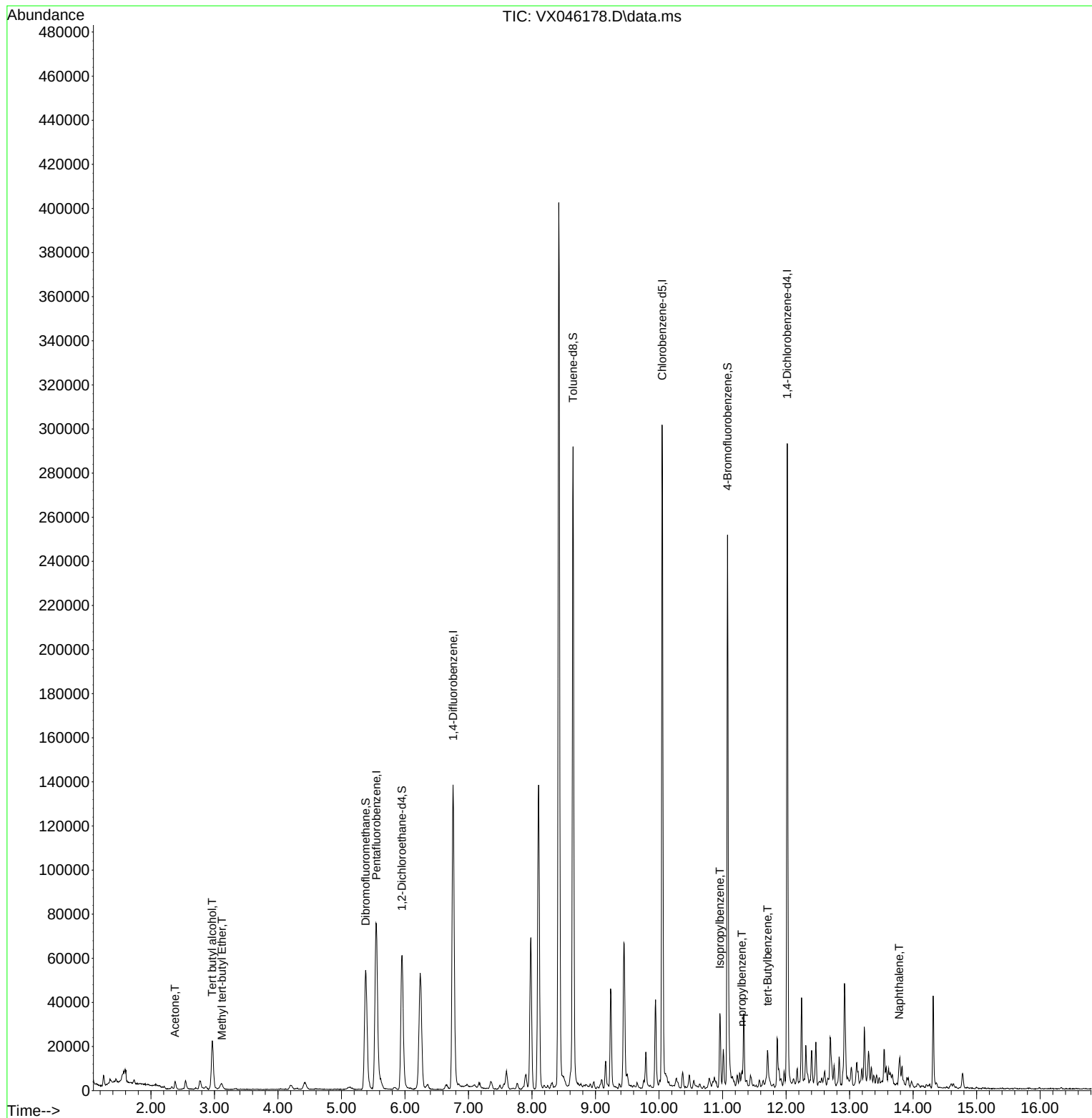
Internal Standards						
1) Pentafluorobenzene	5.550	168	66235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64423	52.171	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.340%	
35) Dibromofluoromethane	5.379	113	47187	49.886	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.780%	
50) Toluene-d8	8.647	98	166658	50.906	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.820%	
62) 4-Bromofluorobenzene	11.079	95	67085	53.420	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	23539	135.802	ug/l	100
16) Acetone	2.380	43	4109	8.299	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	2047	0.743	ug/l #	65
73) Isopropylbenzene	10.957	105	14714	3.527	ug/l	98
78) n-propylbenzene	11.305	91	3075	0.634	ug/l	96
83) tert-Butylbenzene	11.707	119	4505	1.283	ug/l	79
95) Naphthalene	13.780	128	5521	1.478	ug/l #	93

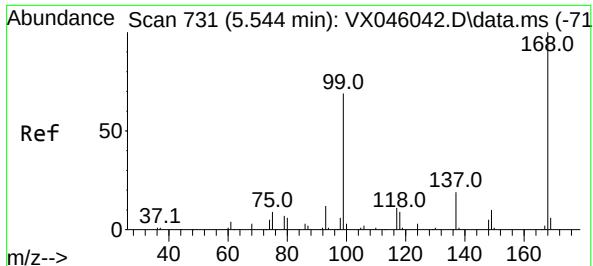
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

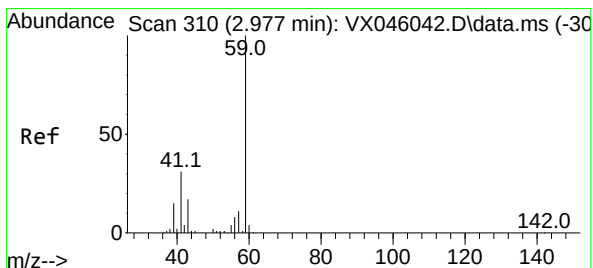
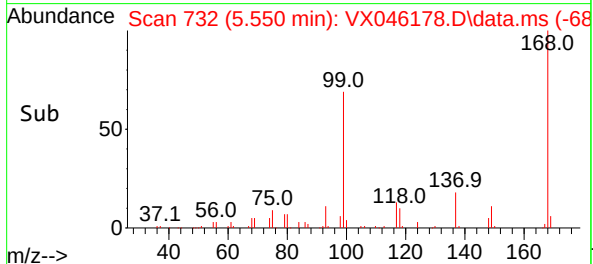
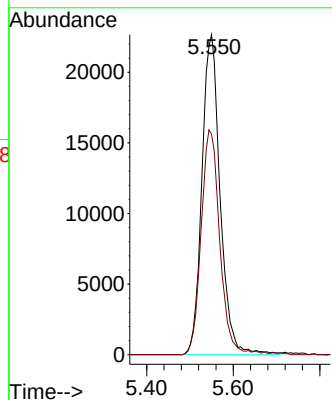
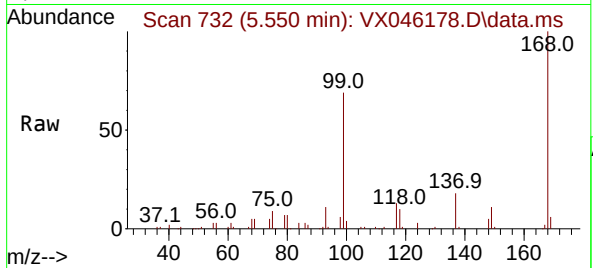




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

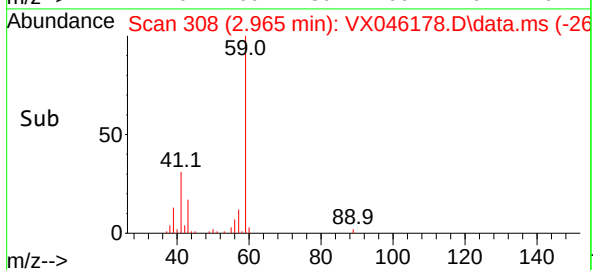
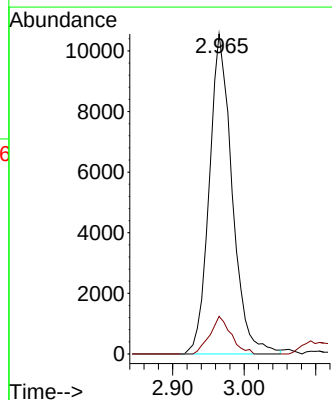
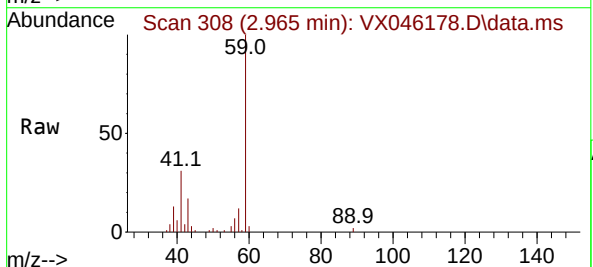
Instrument :
MSVOA_X
ClientSampleId :
MW3

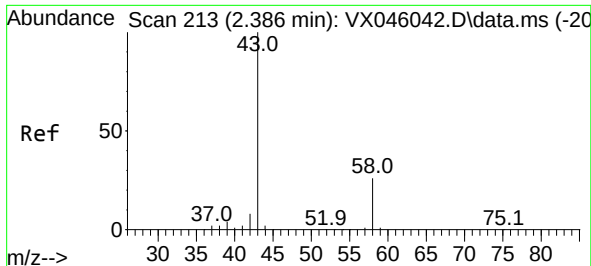
Tgt Ion:168 Resp: 66235
Ion Ratio Lower Upper
168 100
99 68.8 54.9 82.3



#11
Tert butyl alcohol
Concen: 135.802 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Tgt Ion: 59 Resp: 23539
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

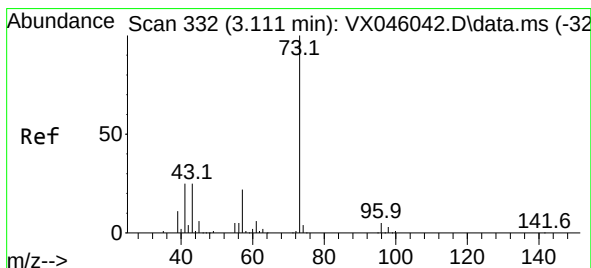
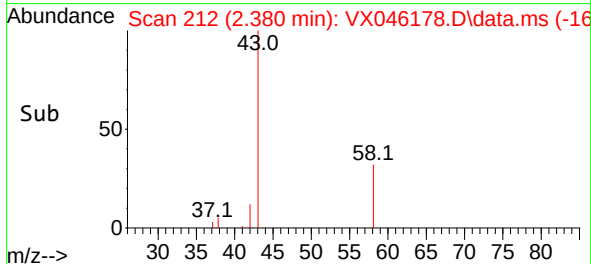
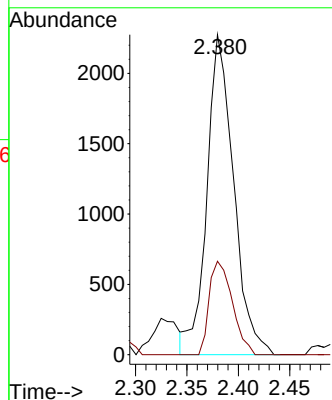
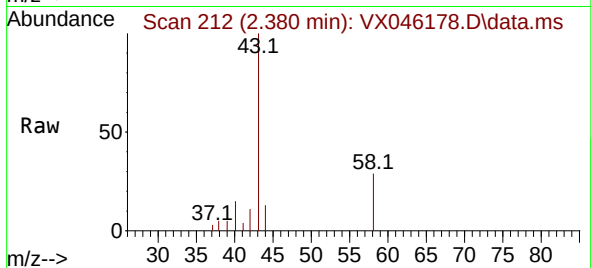




#16
Acetone
Concen: 8.299 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

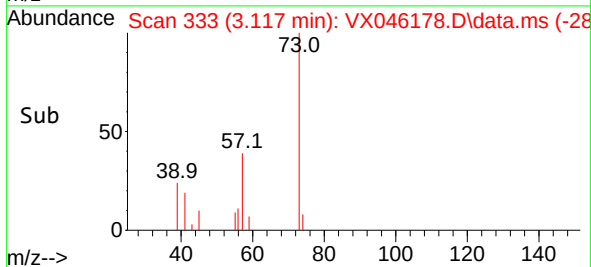
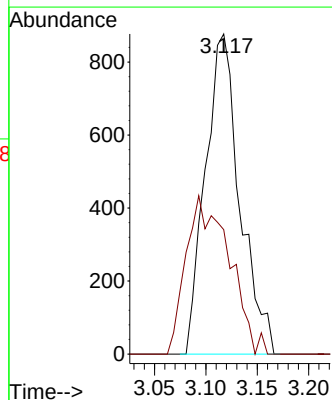
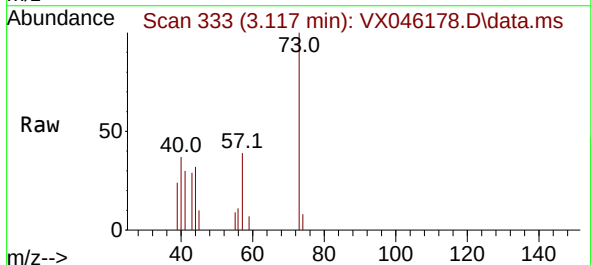
Instrument :
MSVOA_X
ClientSampleId :
MW3

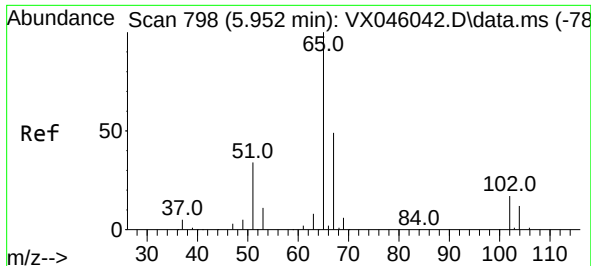
Tgt Ion: 43 Resp: 4109
Ion Ratio Lower Upper
43 100
58 29.2 21.2 31.8



#19
Methyl tert-butyl Ether
Concen: 0.743 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Tgt Ion: 73 Resp: 2047
Ion Ratio Lower Upper
73 100
57 38.9 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 52.171 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046178.D

Acq: 13 May 2025 19:52

Instrument :

MSVOA_X

ClientSampleId :

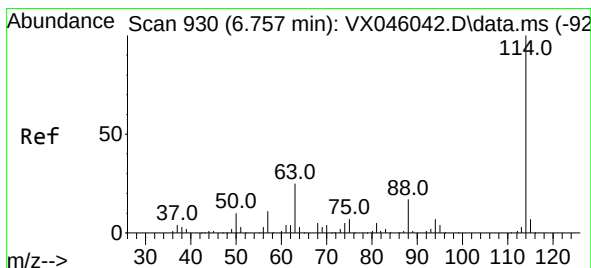
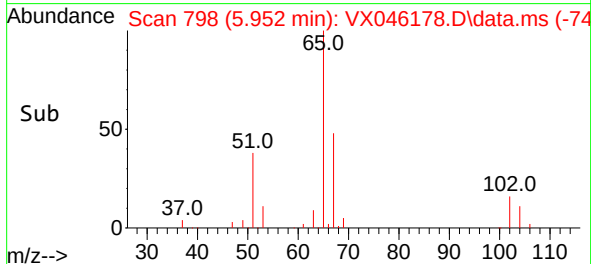
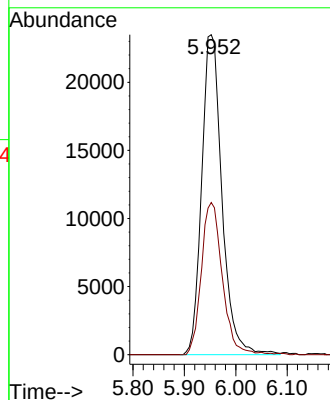
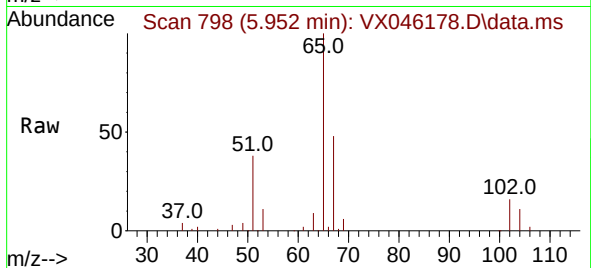
MW3

Tgt Ion: 65 Resp: 64423

Ion Ratio Lower Upper

65 100

67 49.2 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: VX046178.D

Acq: 13 May 2025 19:52

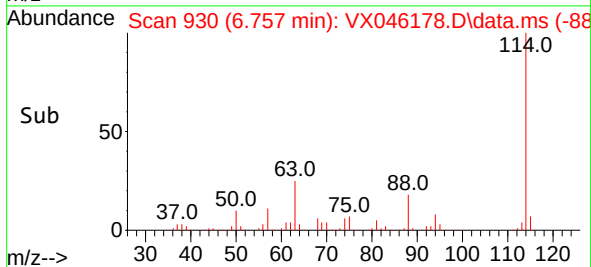
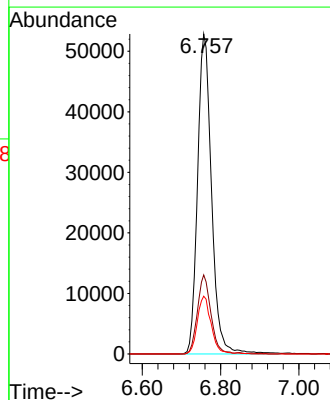
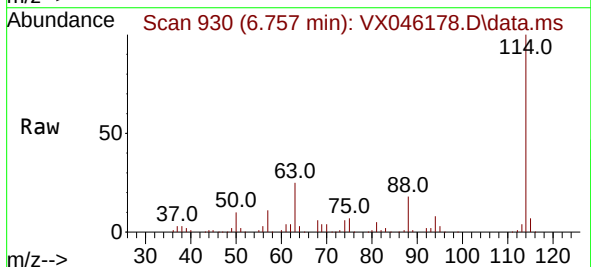
Tgt Ion: 114 Resp: 131355

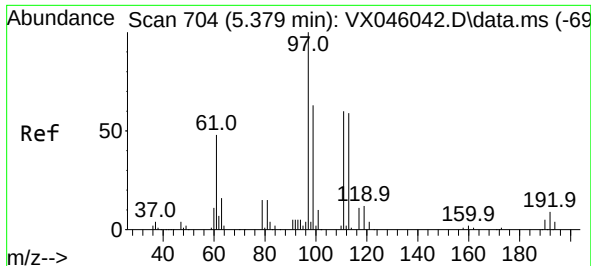
Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.2

88 18.0 0.0 33.6

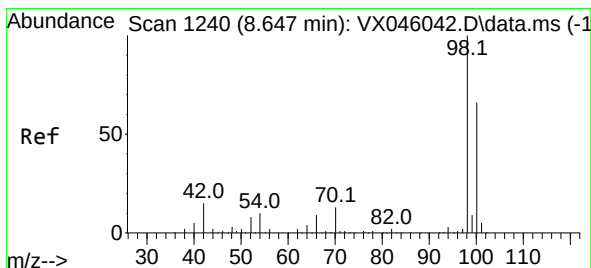
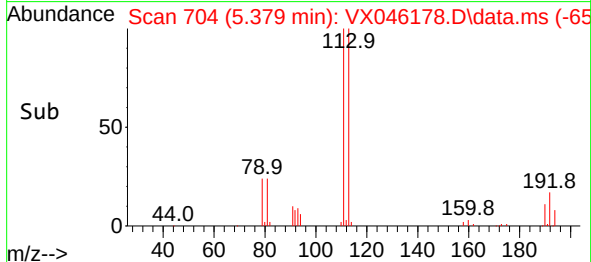
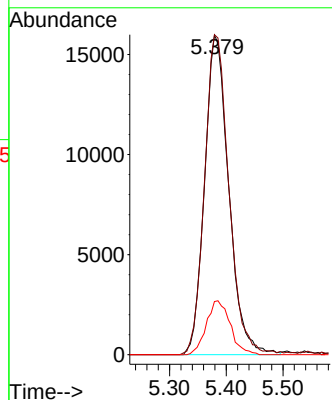
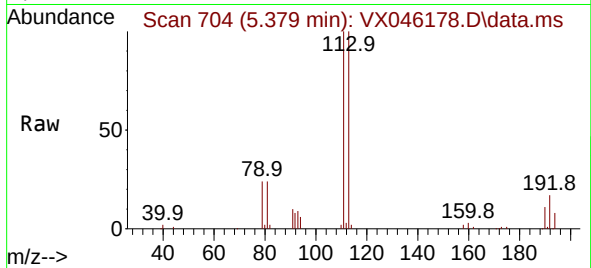




#35
Dibromofluoromethane
Concen: 49.886 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

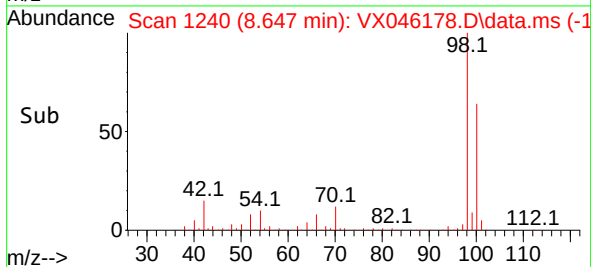
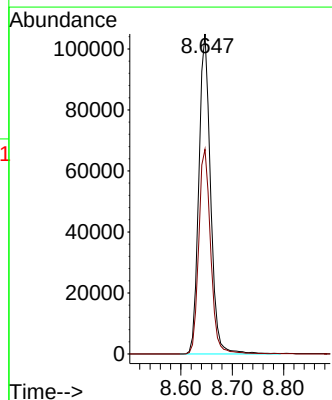
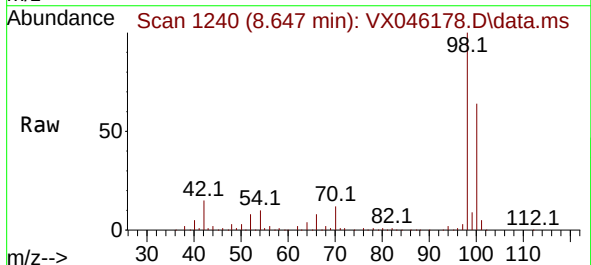
Instrument :
MSVOA_X
ClientSampleId :
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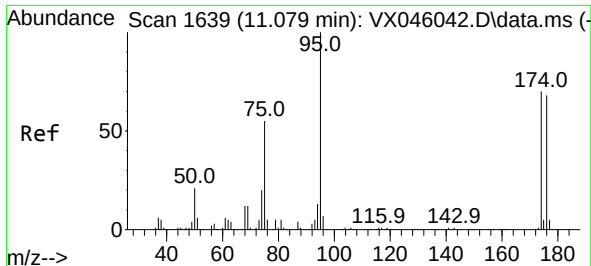
Tgt Ion:113 Resp: 47187
Ion Ratio Lower Upper
113 100
111 101.5 83.1 124.7
192 16.8 13.3 19.9



#50
Toluene-d8
Concen: 50.906 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Tgt Ion: 98 Resp: 166658
Ion Ratio Lower Upper
98 100
100 64.9 53.5 80.3

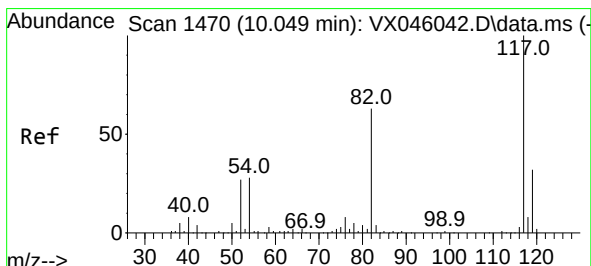
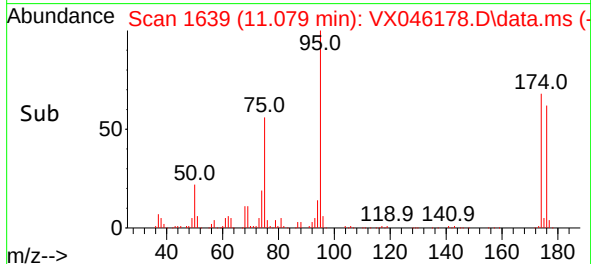
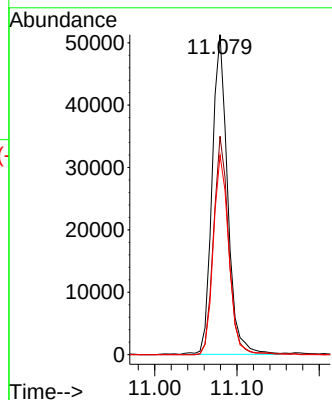
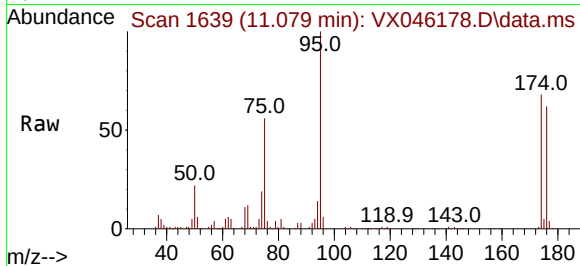




#62
4-Bromofluorobenzene
Concen: 53.420 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

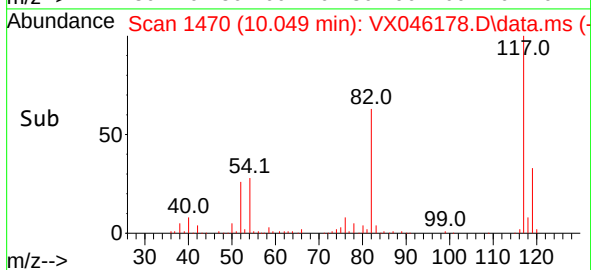
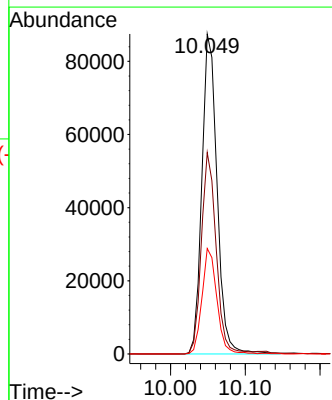
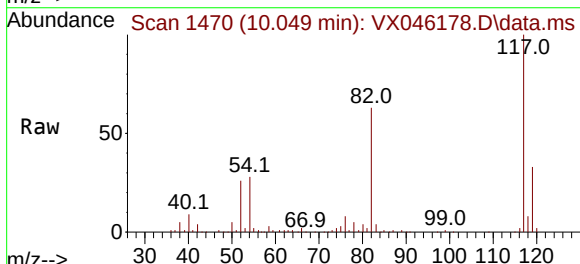
Instrument :
MSVOA_X
ClientSampleId :
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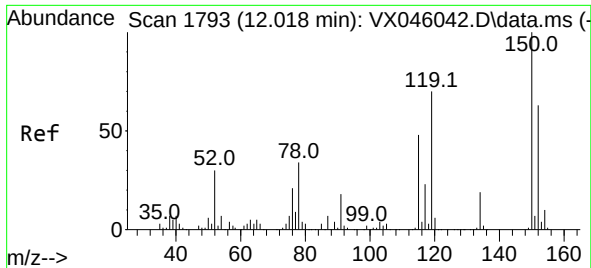
Tgt Ion: 95 Resp: 67085
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 62.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Tgt Ion: 117 Resp: 123435
Ion Ratio Lower Upper
117 100
82 63.0 50.6 76.0
119 32.9 25.8 38.6

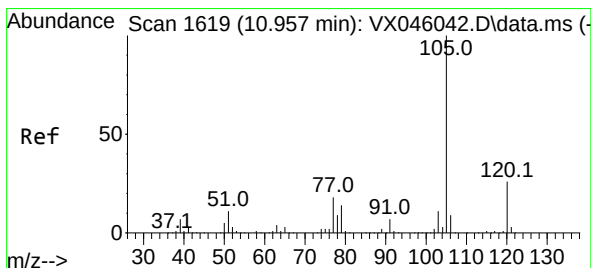
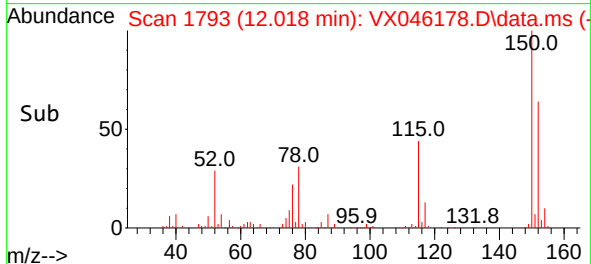
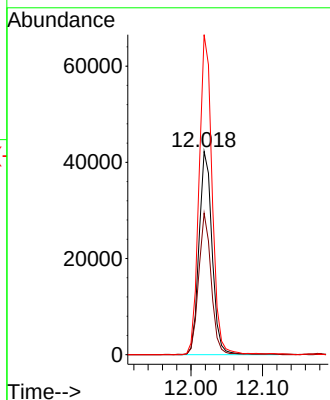
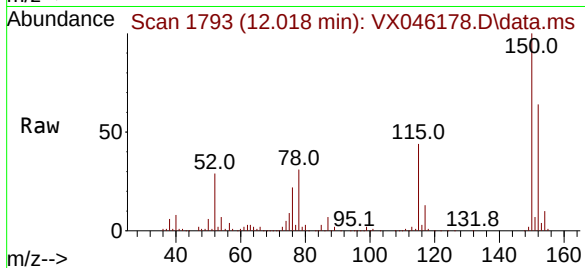




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046178.D
 Acq: 13 May 2025 19:52

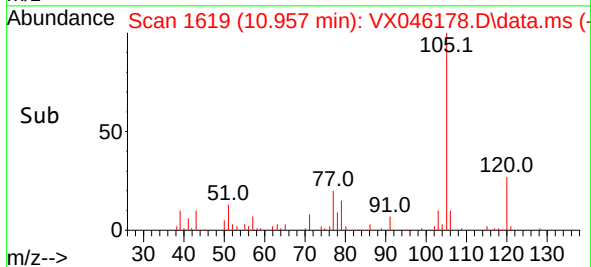
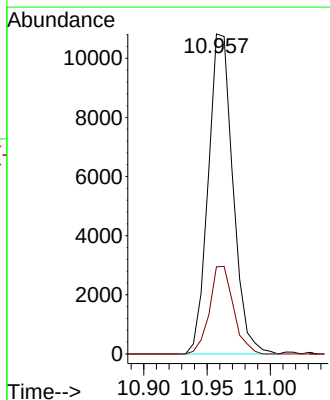
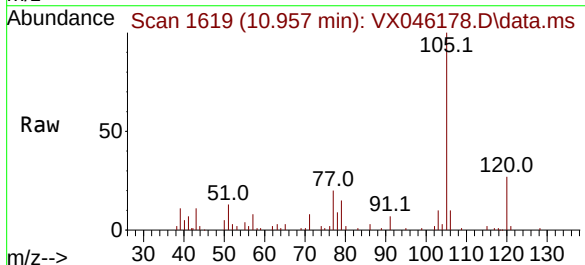
Instrument :
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 ClientSampleId :
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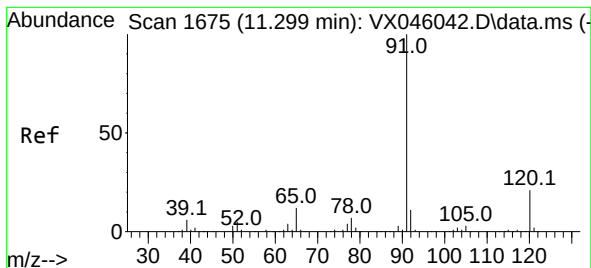
Tgt Ion:152 Resp: 53587
 Ion Ratio Lower Upper
 152 100
 115 67.2 46.9 140.7
 150 157.5 0.0 351.0



#73
 Isopropylbenzene
 Concen: 3.527 ug/l
 RT: 10.957 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: VX046178.D
 Acq: 13 May 2025 19:52

Tgt Ion:105 Resp: 14714
 Ion Ratio Lower Upper
 105 100
 120 26.5 12.8 38.4





#78

n-propylbenzene

Concen: 0.634 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046178.D

Acq: 13 May 2025 19:52

Instrument :

MSVOA_X

ClientSampleId :

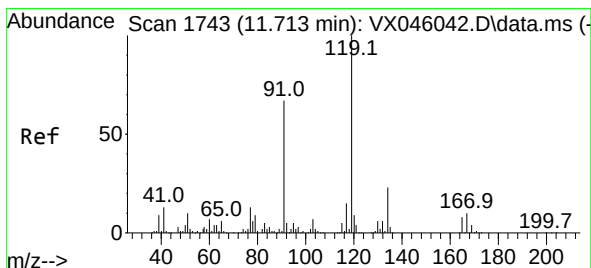
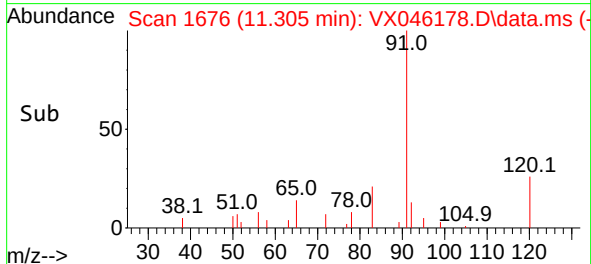
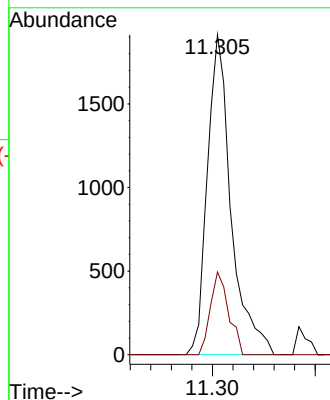
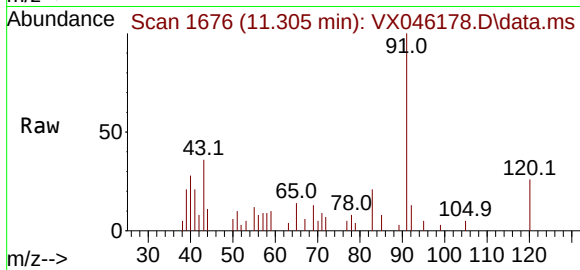
MW3

Tgt Ion: 91 Resp: 3075

Ion Ratio Lower Upper

91 100

120 19.9 10.8 32.4



#83

tert-Butylbenzene

Concen: 1.283 ug/l

RT: 11.707 min Scan# 1742

Delta R.T. -0.006 min

Lab File: VX046178.D

Acq: 13 May 2025 19:52

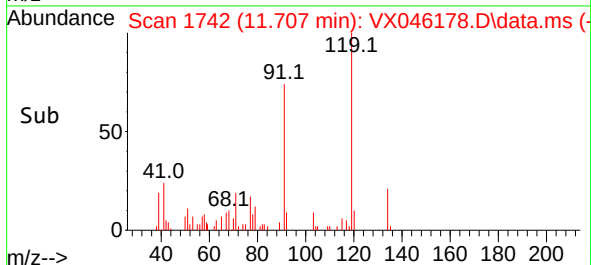
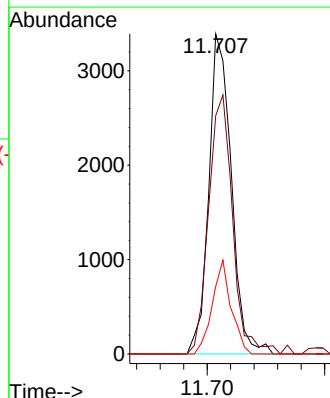
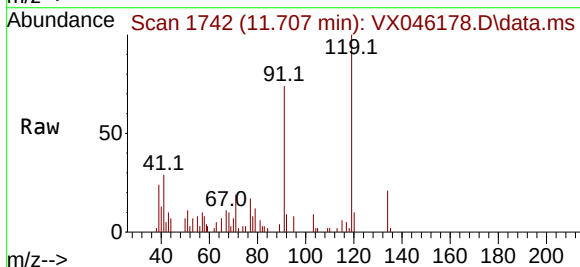
Tgt Ion: 119 Resp: 4505

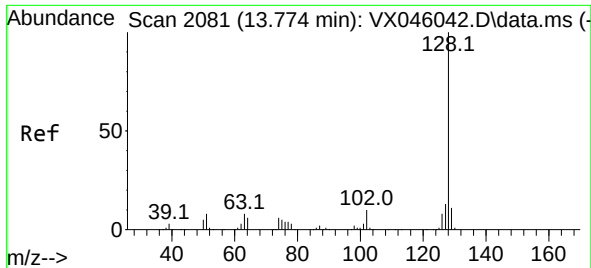
Ion Ratio Lower Upper

119 100

91 86.9 32.9 98.7

134 24.6 11.4 34.1





#95
Naphthalene
Concen: 1.478 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:	128	Resp:	5521
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	15.5	8.6	13.0

