

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
 Data File : VX046156.D
 Acq On : 13 May 2025 11:16
 Operator : JC/MD
 Sample : Q1993-08RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-20250508

Quant Time: May 14 01:35:26 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)

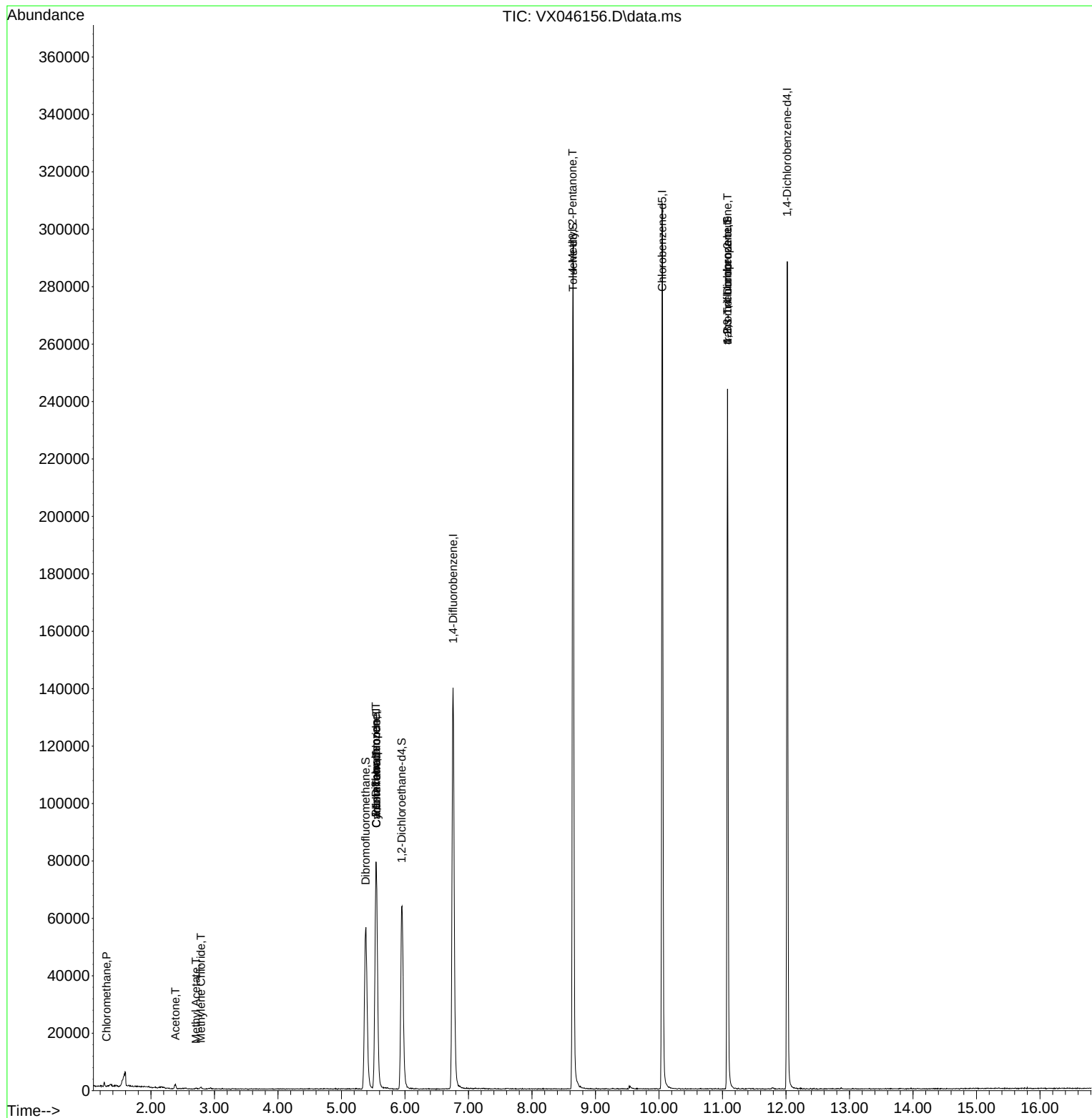
Internal Standards						
1) Pentafluorobenzene	5.544	168	65629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	67850	55.454	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.900%
35) Dibromofluoromethane	5.379	113	49334	51.722	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.440%
50) Toluene-d8	8.647	98	168956	51.178	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.360%
62) 4-Bromofluorobenzene	11.079	95	65184	51.474	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.940%
Target Compounds						Qvalue
3) Chloromethane	1.301	50	247	0.254	ug/l #	43
16) Acetone	2.386	43	1661	3.386	ug/l	96
18) Methyl Acetate	2.709	43	435	0.382	ug/l #	55
20) Methylene Chloride	2.788	84	306	0.325	ug/l #	58
31) Cyclohexane	5.550	56	2039	1.398	ug/l #	33
36) 1,1-Dichloropropene	5.544	75	6731	5.252	ug/l #	52
38) Carbon Tetrachloride	5.550	117	7763	5.391	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1017	0.634	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37105	28.160	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	37105	91.679	ug/l #	1

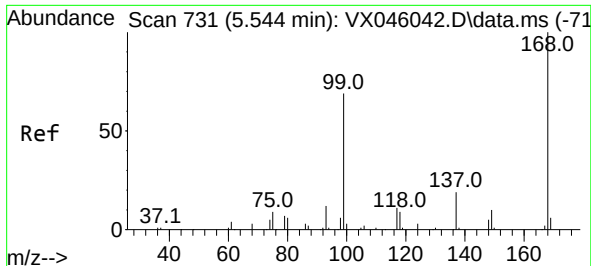
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

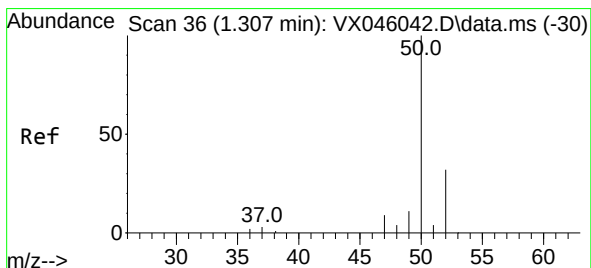
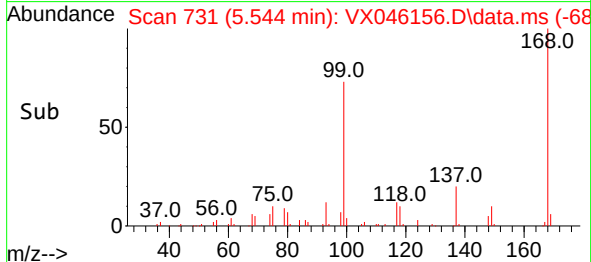
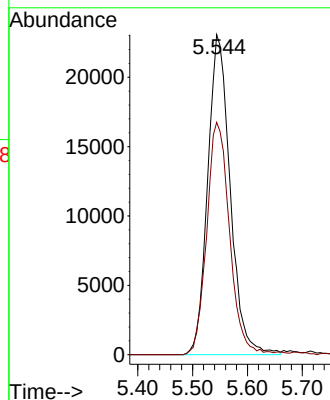
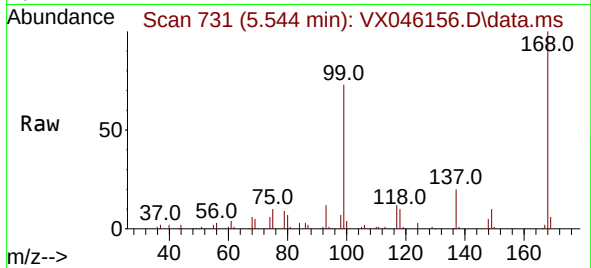




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046156.D
Acq: 13 May 2025 11:16

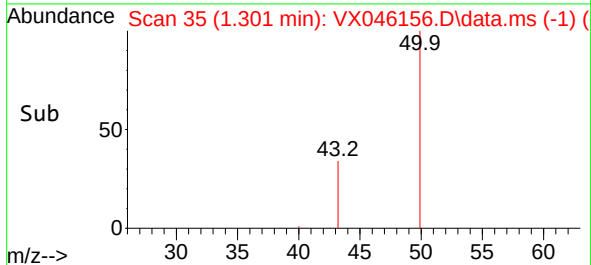
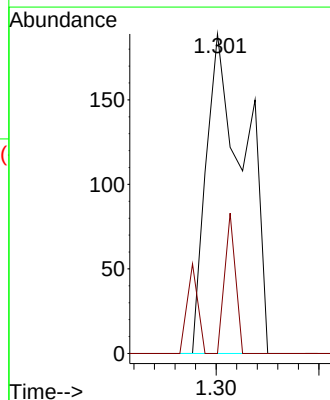
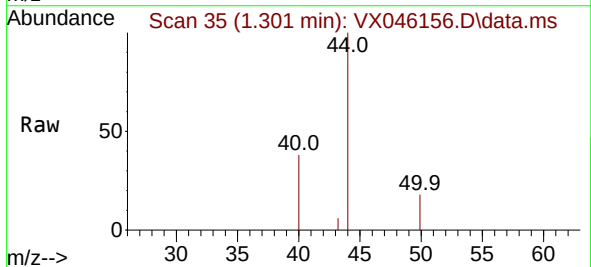
Instrument :
MSVOA_X
ClientSampleId :
EB-20250508

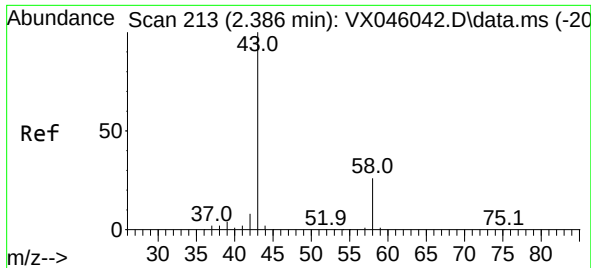
Tgt Ion:168 Resp: 65629
Ion Ratio Lower Upper
168 100
99 72.6 54.9 82.3



#3
Chloromethane
Concen: 0.254 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046156.D
Acq: 13 May 2025 11:16

Tgt Ion: 50 Resp: 247
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

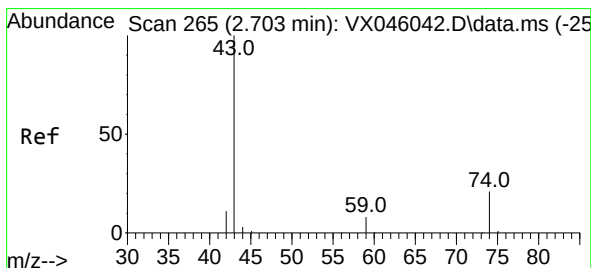
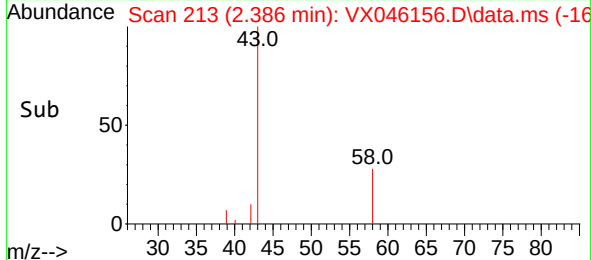
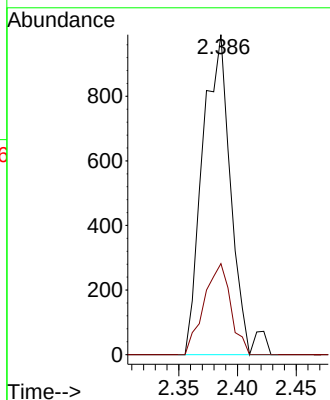
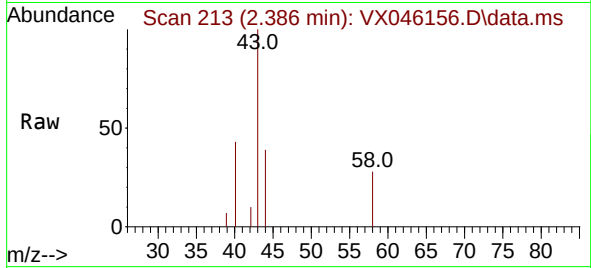




#16
 Acetone
 Concen: 3.386 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VX046156.D
 Acq: 13 May 2025 11:16

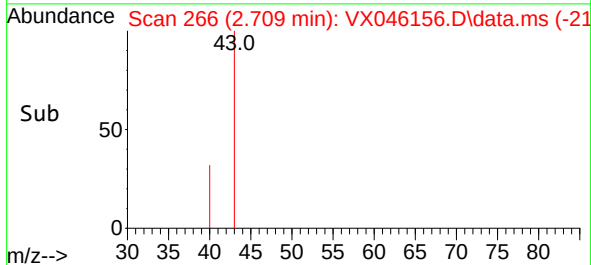
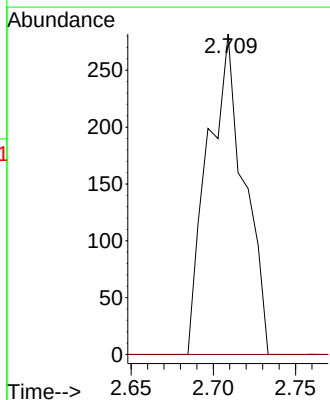
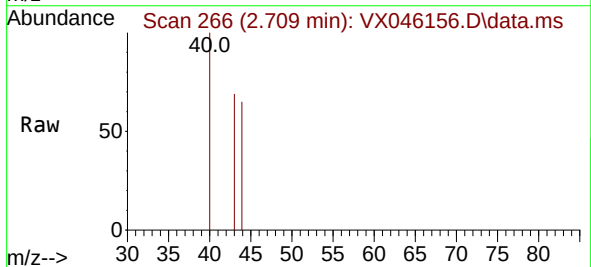
Instrument :
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 ClientSampleId :
 EB-20250508

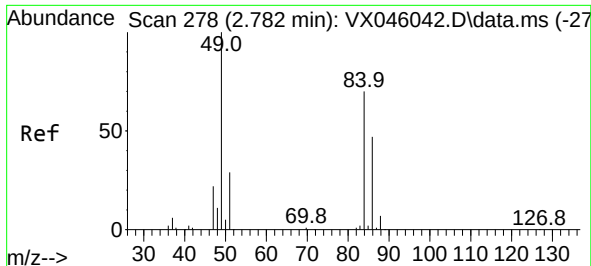
Tgt Ion: 43 Resp: 1661
 Ion Ratio Lower Upper
 43 100
 58 28.5 21.2 31.8



#18
 Methyl Acetate
 Concen: 0.382 ug/l
 RT: 2.709 min Scan# 266
 Delta R.T. 0.006 min
 Lab File: VX046156.D
 Acq: 13 May 2025 11:16

Tgt Ion: 43 Resp: 435
 Ion Ratio Lower Upper
 43 100
 74 0.0 16.7 25.1#

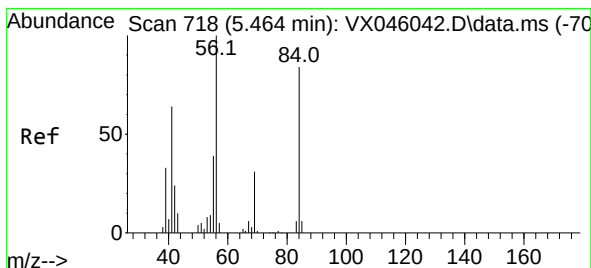
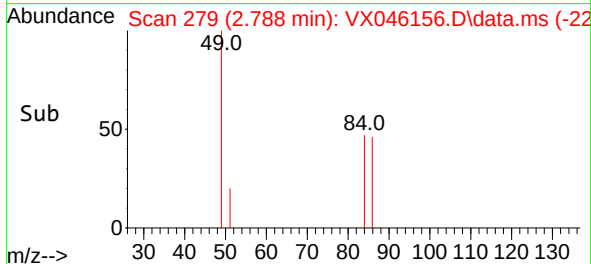
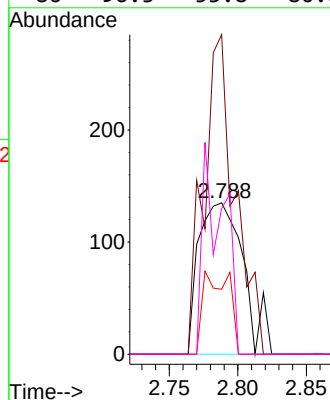
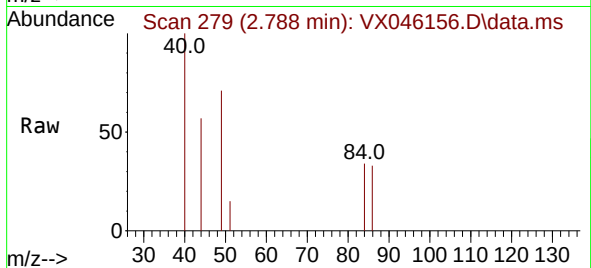




#20
Methylene Chloride
Concen: 0.325 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046156.D
Acq: 13 May 2025 11:16

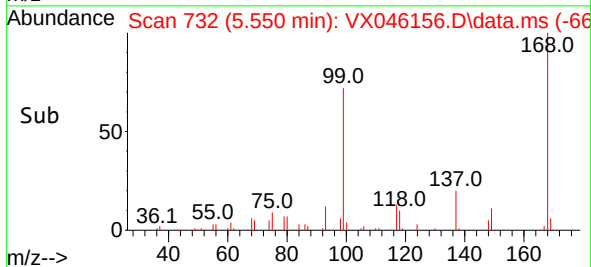
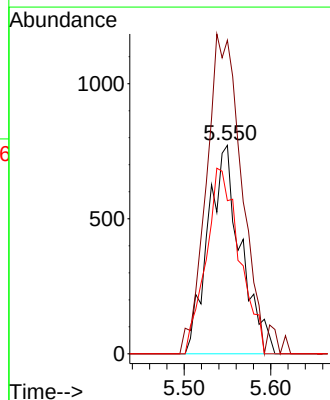
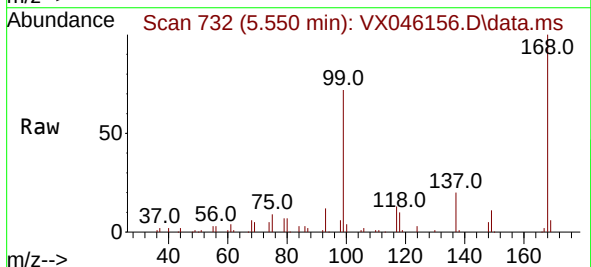
Instrument :
MSVOA_X
ClientSampleId :
EB-20250508

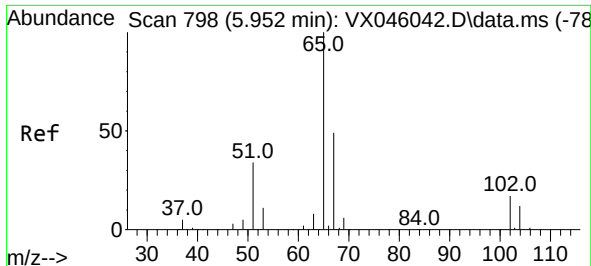
Tgt Ion: 84 Resp: 306
Ion Ratio Lower Upper
84 100
49 211.1 113.9 170.9#
51 43.0 33.5 50.3
86 96.3 53.8 80.8#



#31
Cyclohexane
Concen: 1.398 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX046156.D
Acq: 13 May 2025 11:16

Tgt Ion: 56 Resp: 2039
Ion Ratio Lower Upper
56 100
69 150.4 24.4 36.6#
84 73.4 66.9 100.3

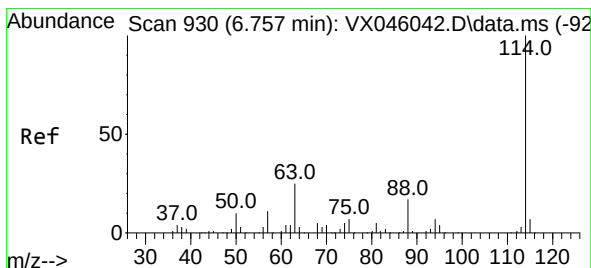
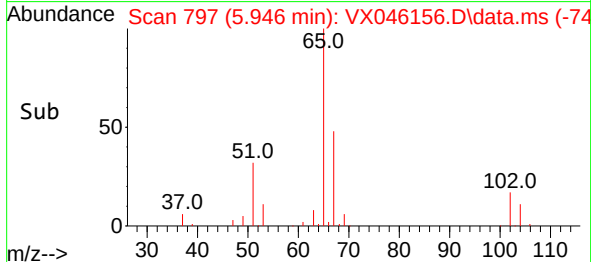
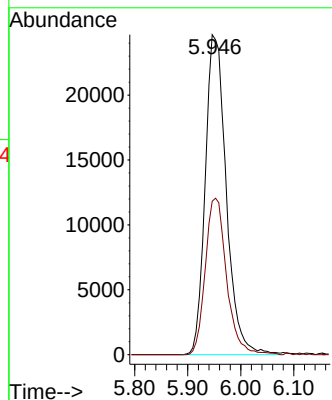
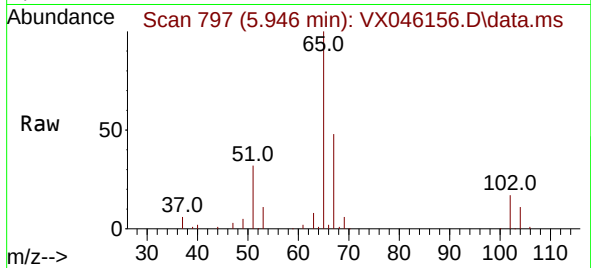




#33
 1,2-Dichloroethane-d4
 Concen: 55.454 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX046156.D
 Acq: 13 May 2025 11:16

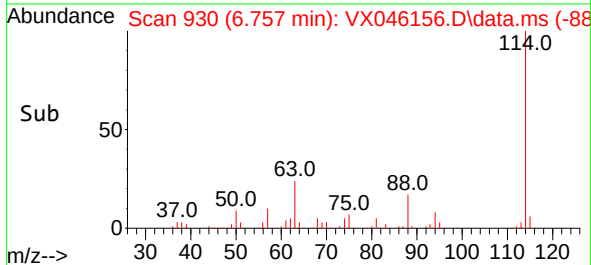
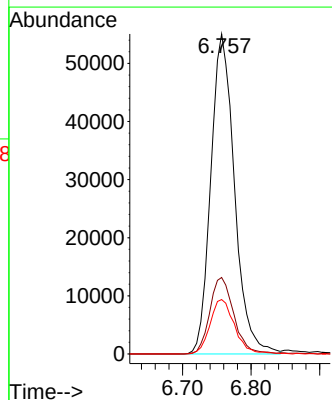
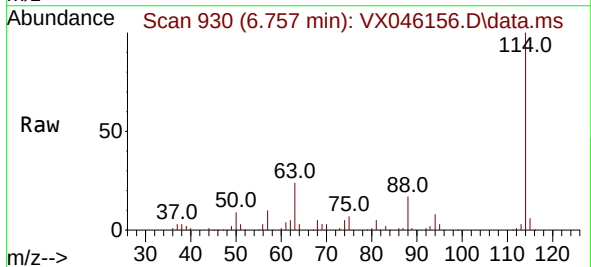
Instrument :
 MSVOA_X
 ClientSampleId :
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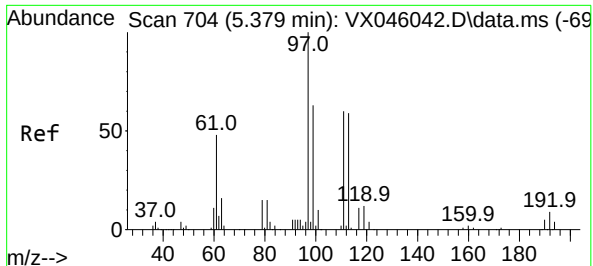
Tgt Ion: 65 Resp: 67850
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046156.D
 Acq: 13 May 2025 11:16

Tgt Ion: 114 Resp: 132457
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 17.0 0.0 33.6

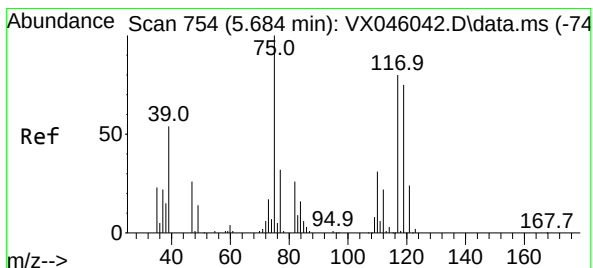
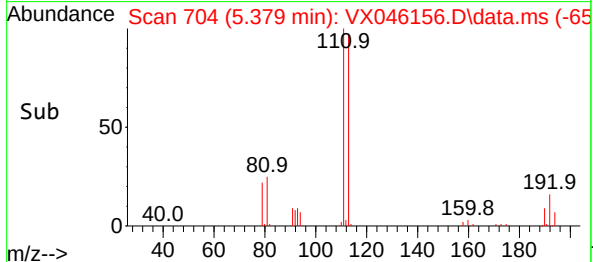
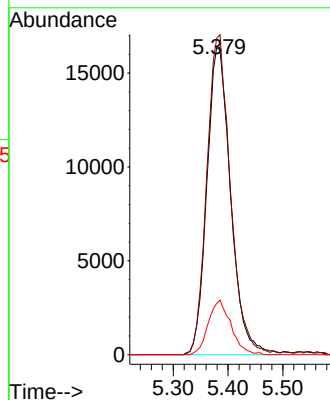
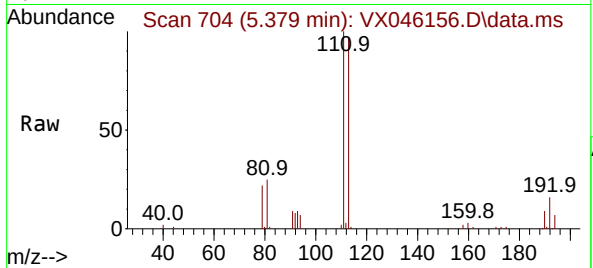




#35
Dibromofluoromethane
Concen: 51.722 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046156.D
Acq: 13 May 2025 11:16

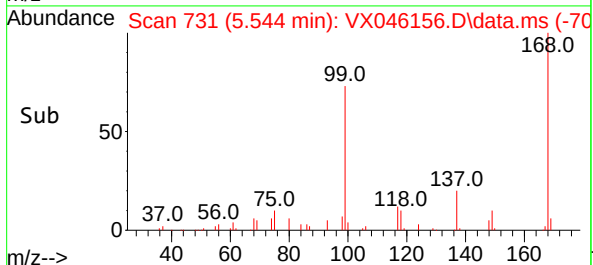
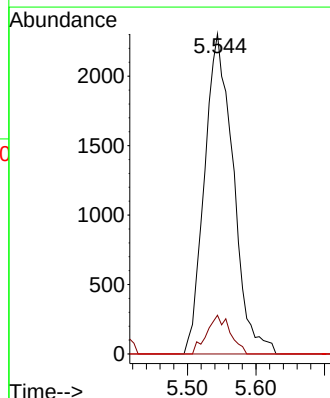
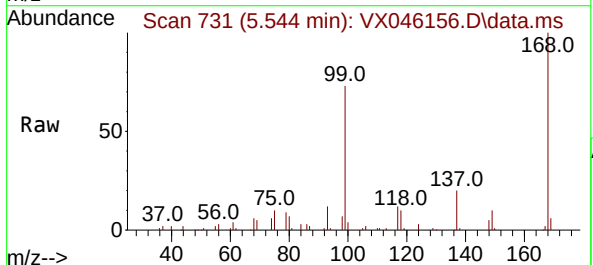
Instrument :
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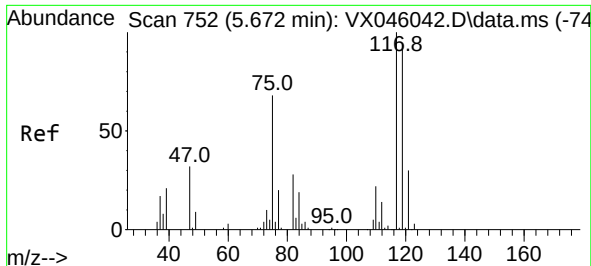
Tgt Ion:113 Resp: 49334
Ion Ratio Lower Upper
113 100
111 102.8 83.1 124.7
192 17.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.252 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046156.D
Acq: 13 May 2025 11:16

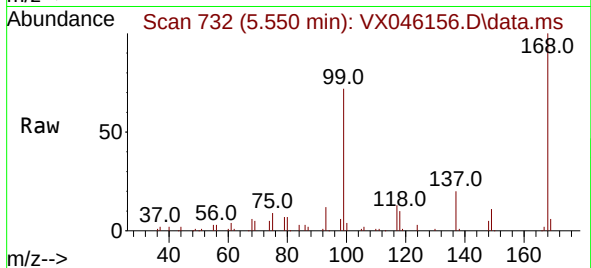
Tgt Ion: 75 Resp: 6731
Ion Ratio Lower Upper
75 100
110 9.9 16.3 48.9#
77 0.0 24.3 36.5#



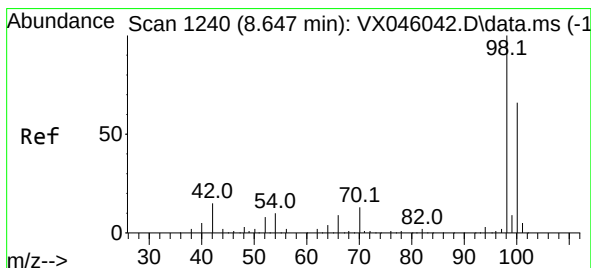
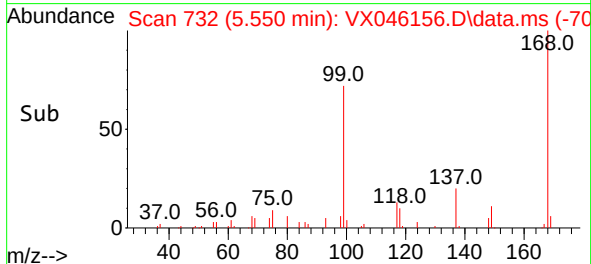
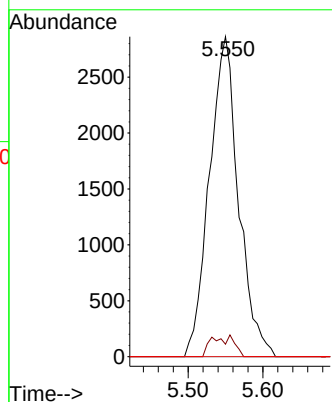


#38
Carbon Tetrachloride
Concen: 5.391 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046156.D
Acq: 13 May 2025 11:16

Instrument :
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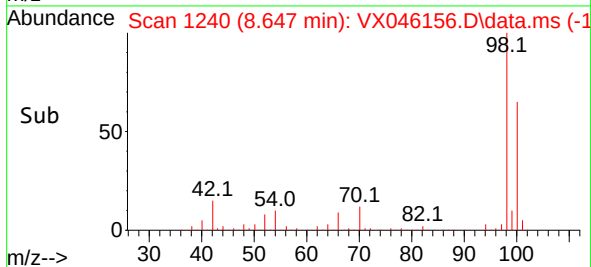
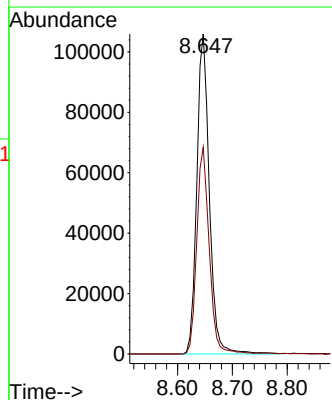
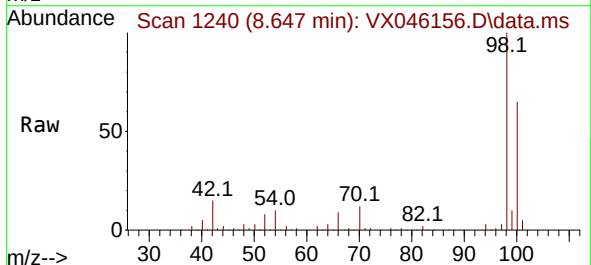


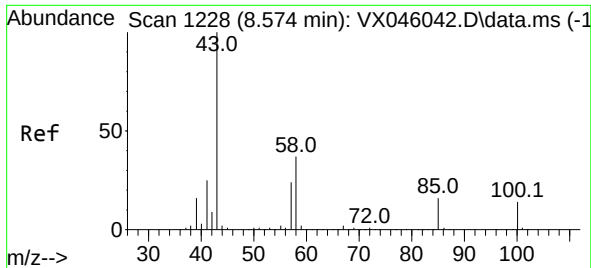
Tgt Ion:117 Resp: 7763
Ion Ratio Lower Upper
117 100
119 3.9 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 51.178 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046156.D
Acq: 13 May 2025 11:16

Tgt Ion: 98 Resp: 168956
Ion Ratio Lower Upper
98 100
100 64.2 53.5 80.3

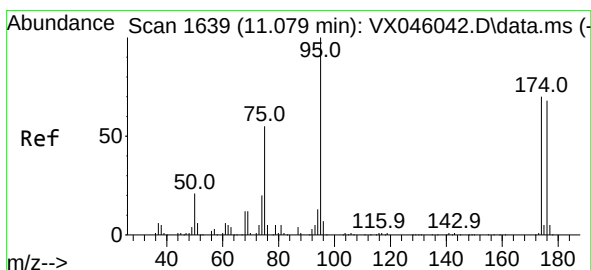
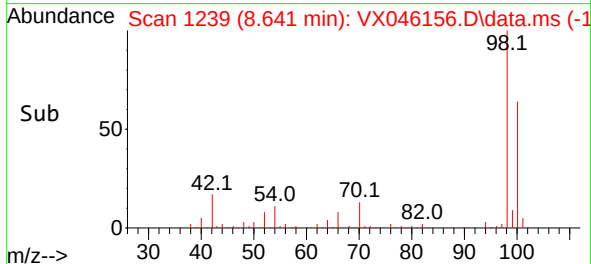
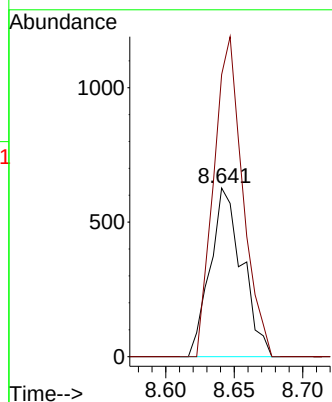
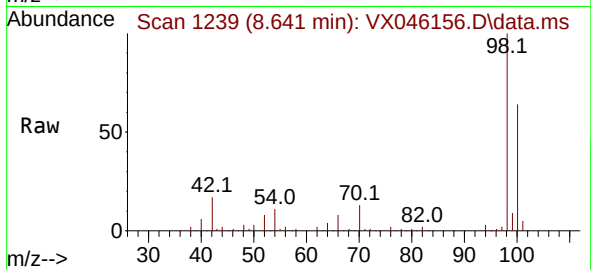




#51
4-Methyl-2-Pentanone
Concen: 0.634 ug/l
RT: 8.641 min Scan# 1228
Delta R.T. 0.067 min
Lab File: VX046156.D
Acq: 13 May 2025 11:16

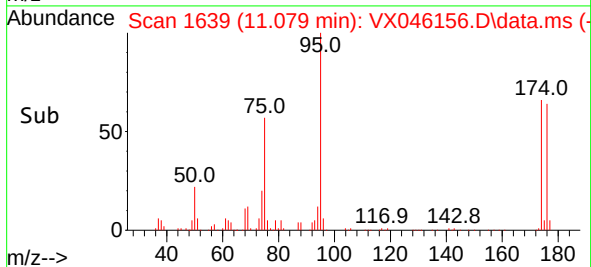
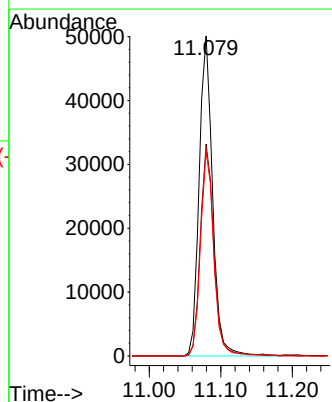
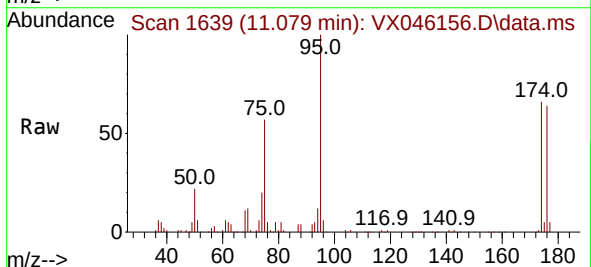
Instrument :
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EB-20250508

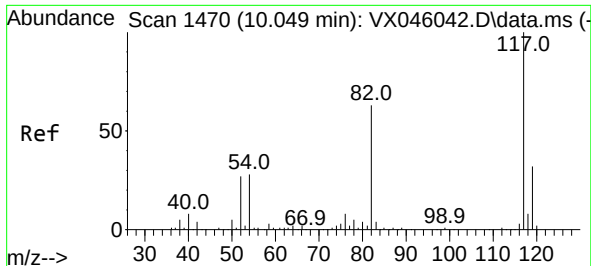
Tgt Ion: 43 Resp: 1017
Ion Ratio Lower Upper
43 100
58 172.5 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 51.474 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046156.D
Acq: 13 May 2025 11:16

Tgt Ion: 95 Resp: 65184
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 63.2 0.0 131.4

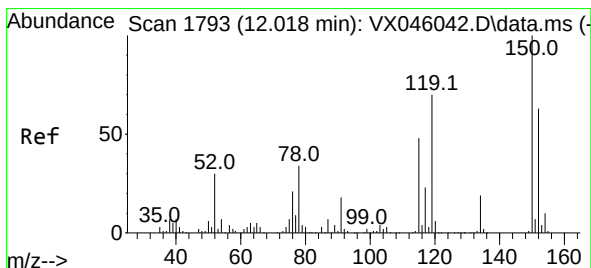
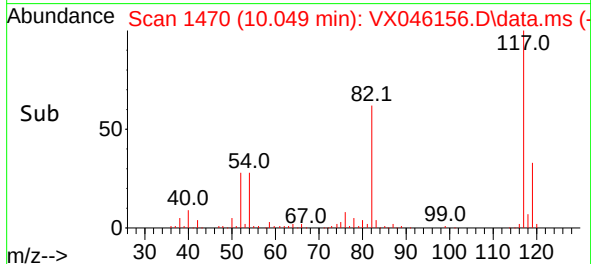
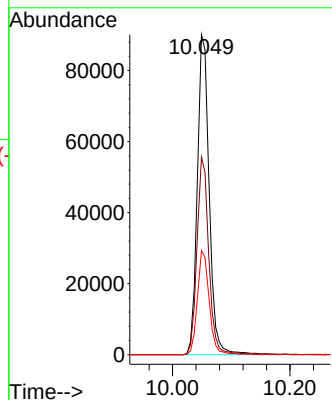
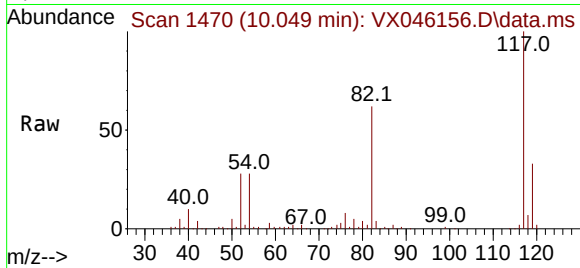




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046156.D
Acq: 13 May 2025 11:16

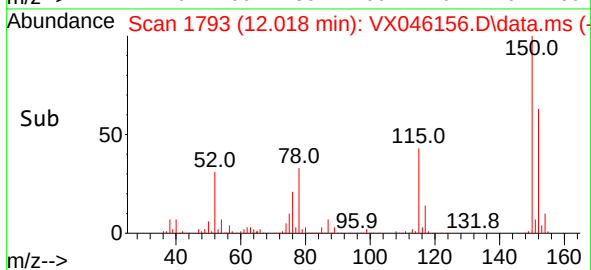
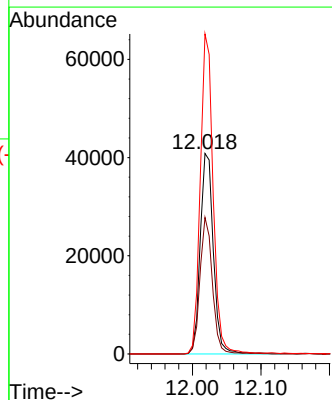
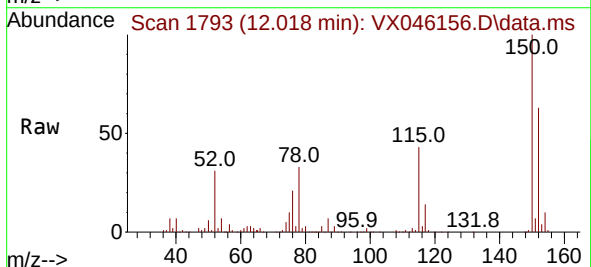
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ClientSampleId :
EB-20250508

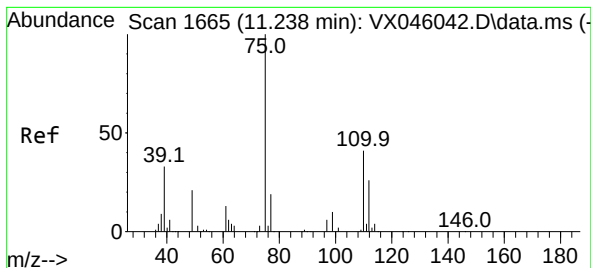
Tgt Ion:117 Resp: 126910
Ion Ratio Lower Upper
117 100
82 61.7 50.6 76.0
119 32.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046156.D
Acq: 13 May 2025 11:16

Tgt Ion:152 Resp: 54742
Ion Ratio Lower Upper
152 100
115 64.4 46.9 140.7
150 155.2 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 28.160 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX046156.D

Acq: 13 May 2025 11:16

Instrument :

MSVOA_X

ClientSampleId :

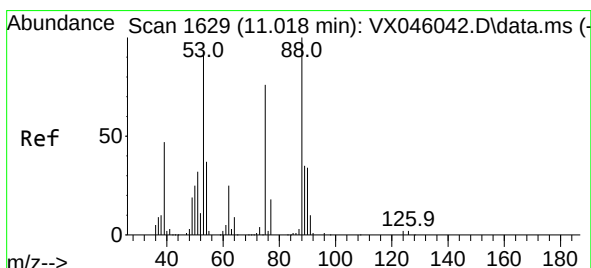
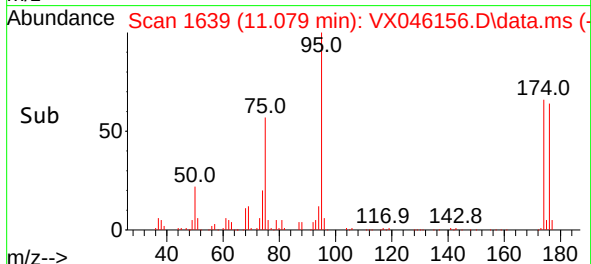
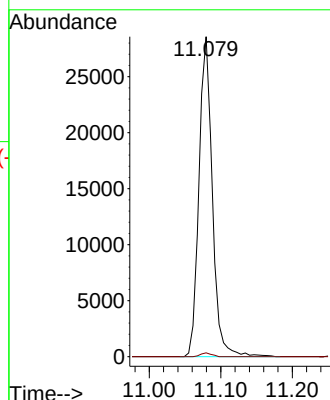
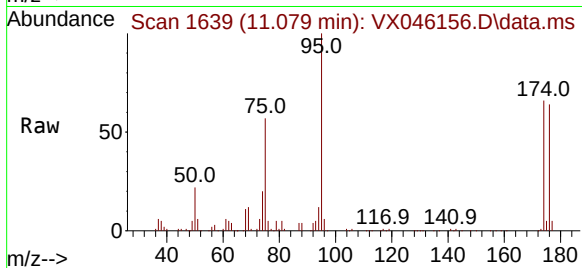
EB-20250508

Tgt Ion: 75 Resp: 37105

Ion Ratio Lower Upper

75 100

77 1.0 20.5 61.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 91.679 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046156.D

Acq: 13 May 2025 11:16

Tgt Ion: 75 Resp: 37105

Ion Ratio Lower Upper

75 100

53 0.0 100.5 150.7#

89 0.0 37.0 55.6#

