

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046761.D
 Acq On : 19 Jun 2025 11:03
 Operator : JC/MD
 Sample : Q2345-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20250616

Quant Time: Jun 20 05:16:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

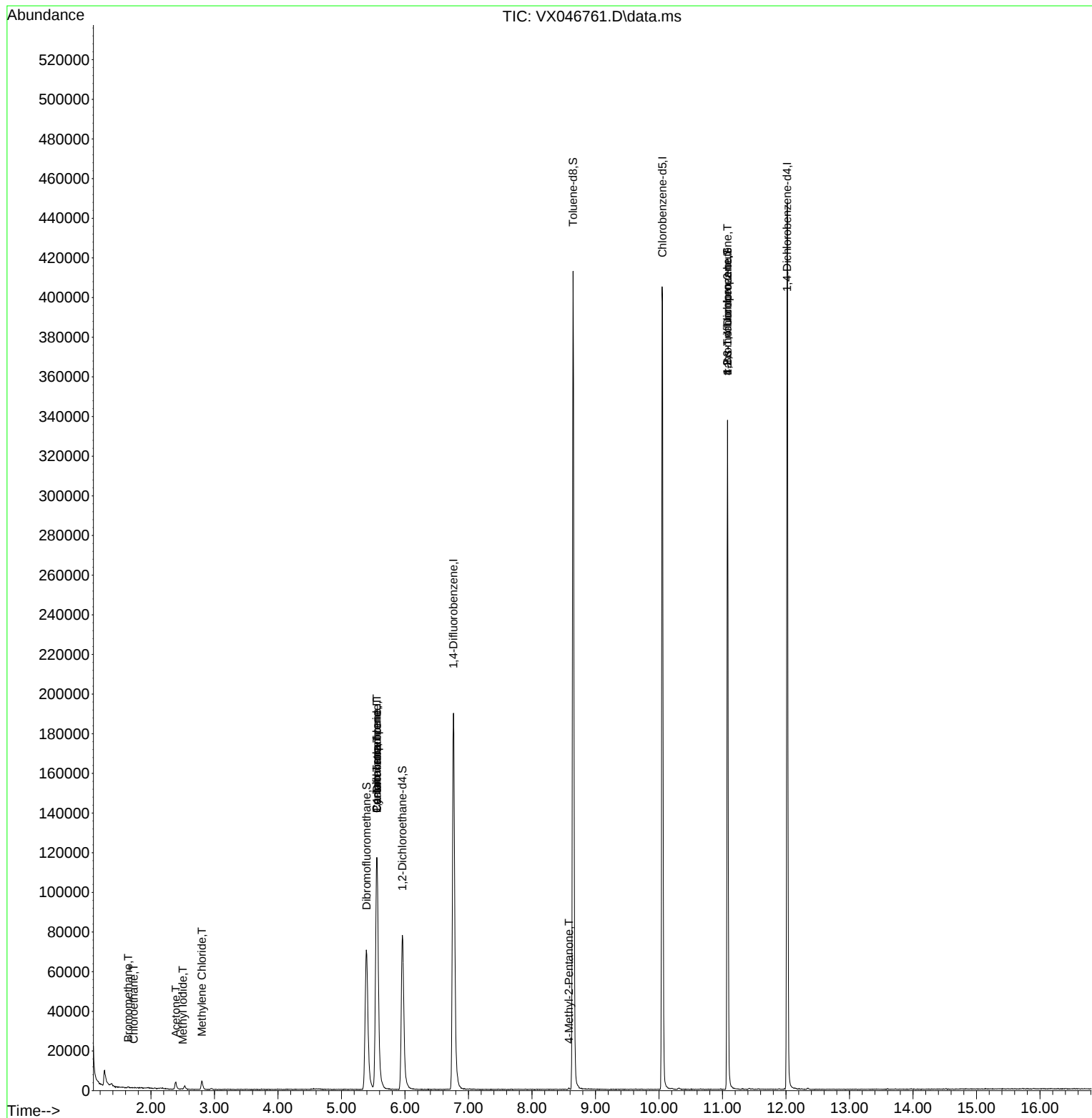
Internal Standards						
1) Pentafluorobenzene	5.556	168	124608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82438	47.830	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.660%
35) Dibromofluoromethane	5.397	113	69253	50.045	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.080%
50) Toluene-d8	8.647	98	247834	49.849	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.079	95	92518	49.921	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.840%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	193	0.224	ug/l	96
6) Chloroethane	1.727	64	321	0.346	ug/l #	41
10) Methyl Iodide	2.502	142	351	4.513	ug/l #	77
16) Acetone	2.392	43	5018	8.731	ug/l	100
20) Methylene Chloride	2.800	84	2259	1.413	ug/l	90
31) Cyclohexane	5.556	56	2580	1.000	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	10084	5.048	ug/l #	52
38) Carbon Tetrachloride	5.556	117	12763	5.887	ug/l #	17
51) 4-Methyl-2-Pentanone	8.580	43	546	0.317	ug/l #	74
76) 1,2,3-Trichloropropane	11.079	75	47400	28.522	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47400	80.619	ug/l #	7

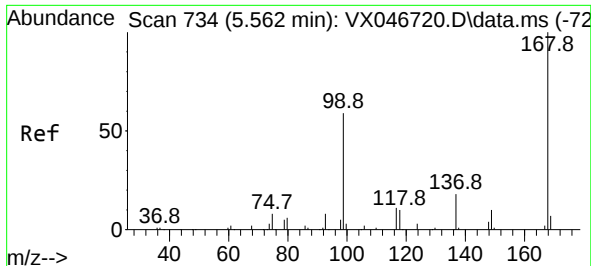
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
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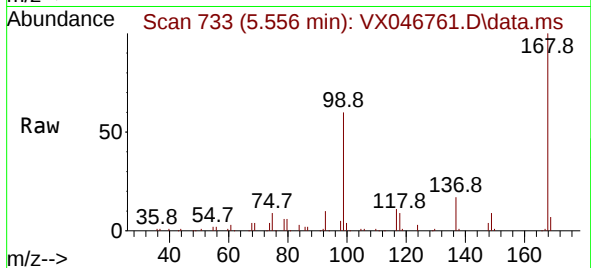
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration



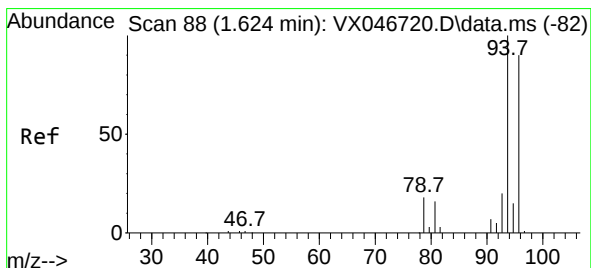
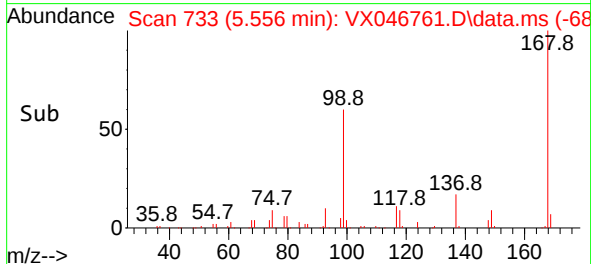
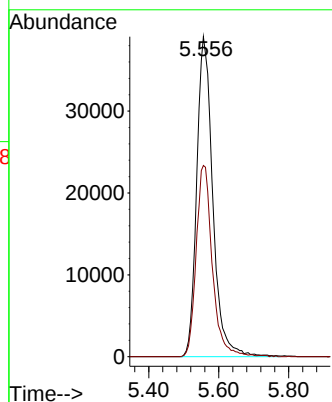


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
EB02-20250616

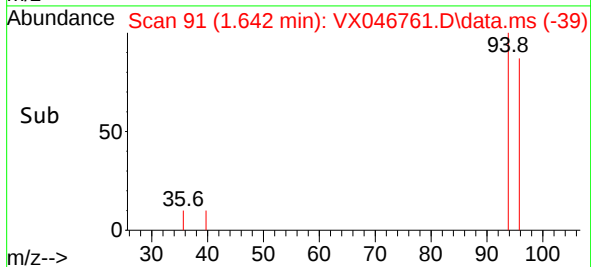
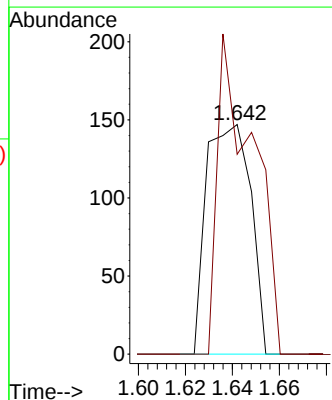
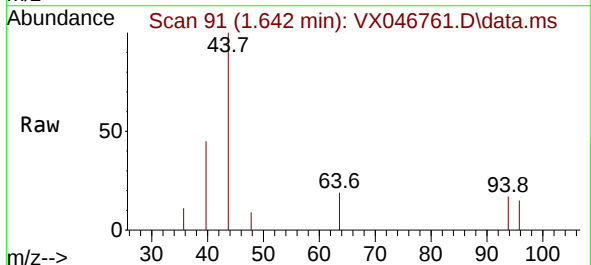


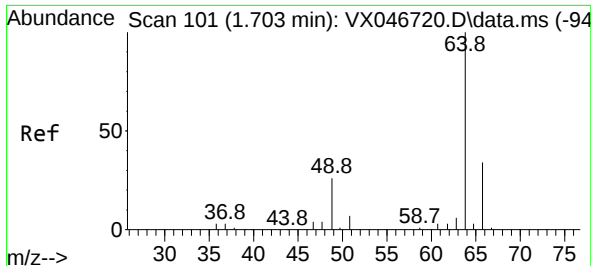
Tgt Ion:168 Resp: 124608
Ion Ratio Lower Upper
168 100
99 59.8 48.5 72.7



#5
Bromomethane
Concen: 0.224 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Tgt Ion: 94 Resp: 193
Ion Ratio Lower Upper
94 100
96 87.1 72.3 108.5

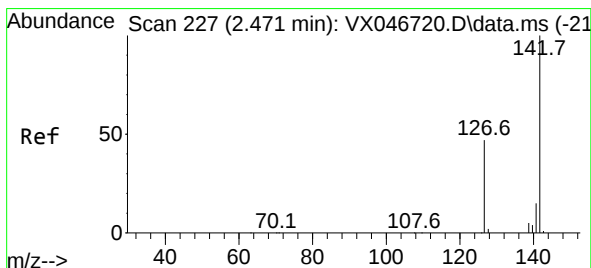
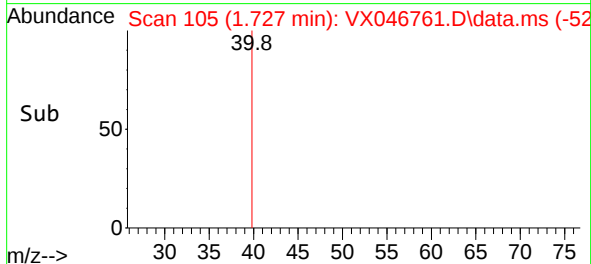
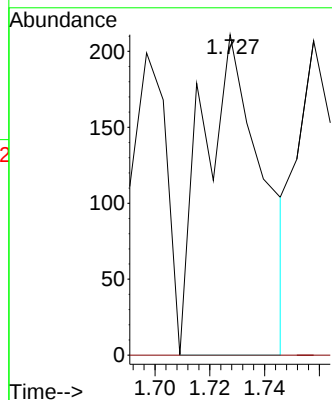
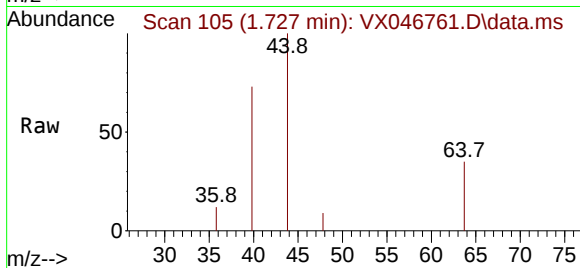




#6
Chloroethane
Concen: 0.346 ug/l
RT: 1.727 min Scan# 105
Delta R.T. 0.024 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

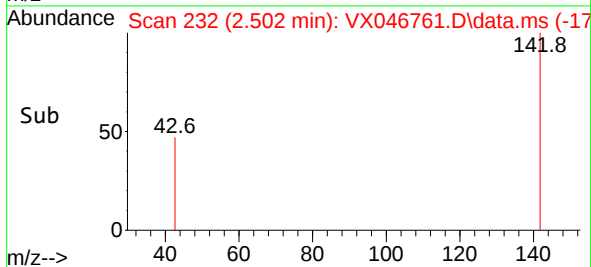
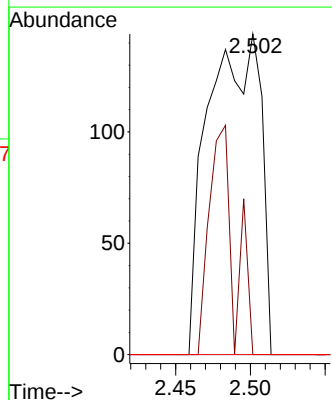
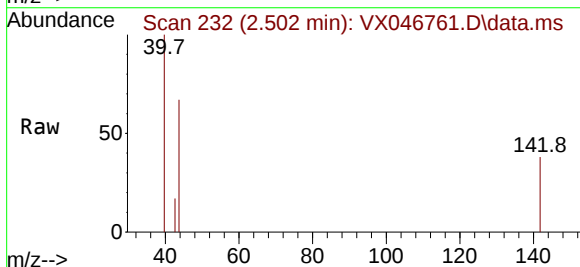
Instrument :
MSVOA_X
ClientSampleId :
EB02-20250616

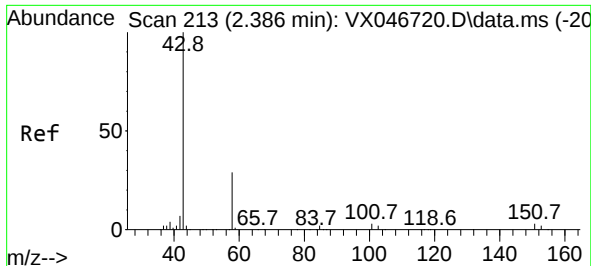
Tgt Ion: 64 Resp: 321
Ion Ratio Lower Upper
64 100
66 0.0 27.1 40.7#



#10
Methyl Iodide
Concen: 4.513 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.031 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Tgt Ion: 142 Resp: 351
Ion Ratio Lower Upper
142 100
127 33.9 37.0 55.6#
141 0.0 11.5 17.3#

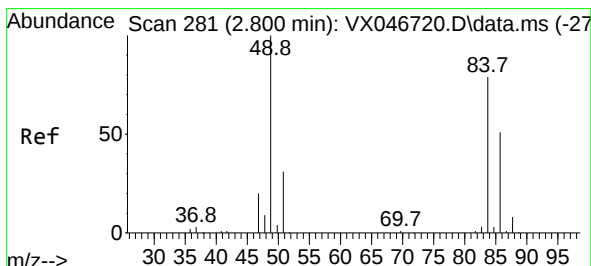
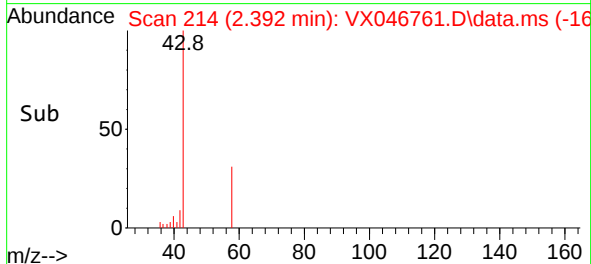
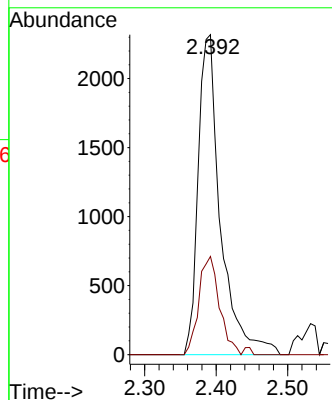
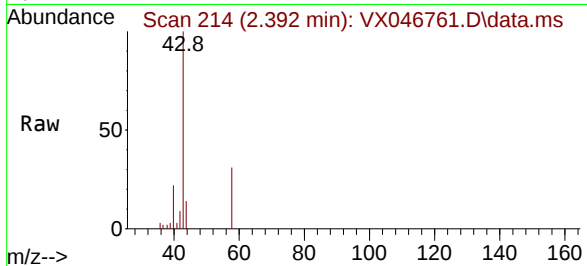




#16
Acetone
Concen: 8.731 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

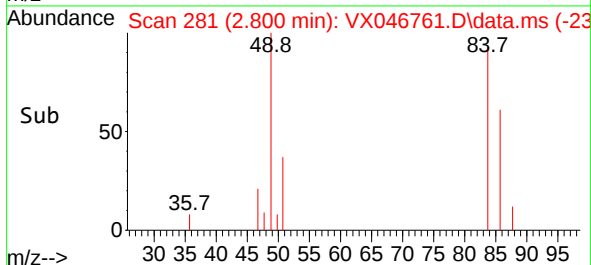
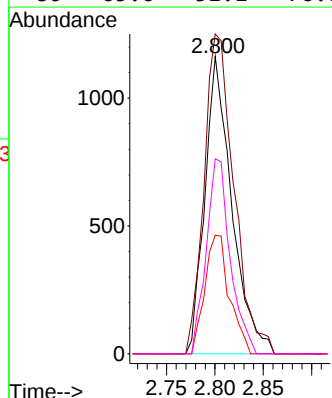
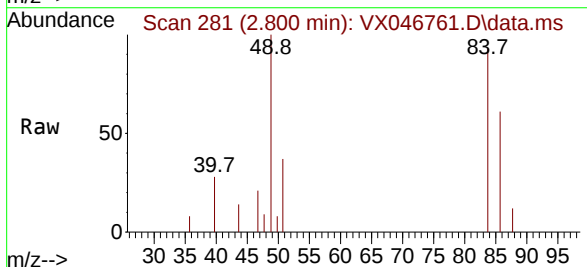
Instrument :
MSVOA_X
ClientSampleId :
EB02-20250616

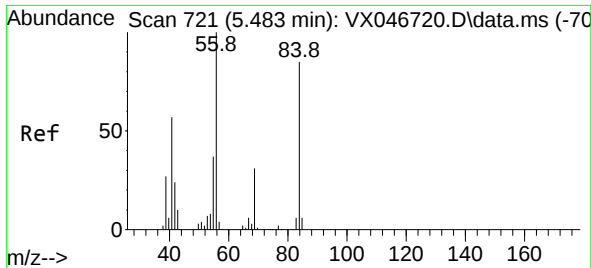
Tgt Ion: 43 Resp: 5018
Ion Ratio Lower Upper
43 100
58 30.9 24.5 36.7



#20
Methylene Chloride
Concen: 1.413 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Tgt Ion: 84 Resp: 2259
Ion Ratio Lower Upper
84 100
49 107.6 101.3 151.9
51 39.8 31.0 46.6
86 65.6 51.1 76.7

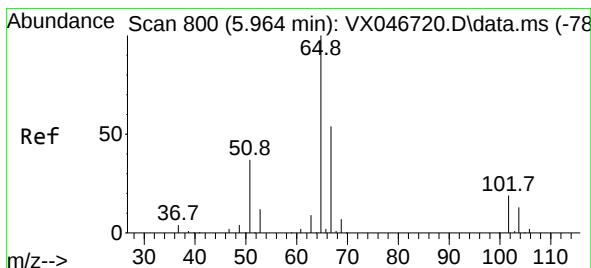
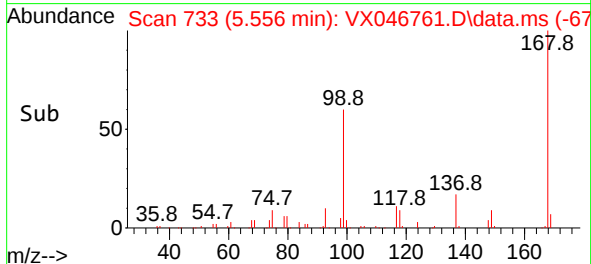
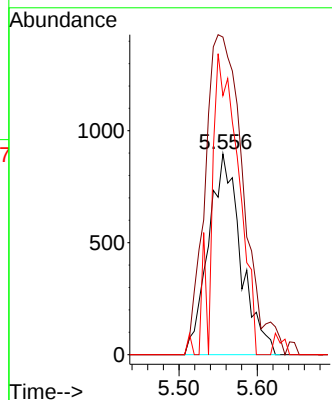
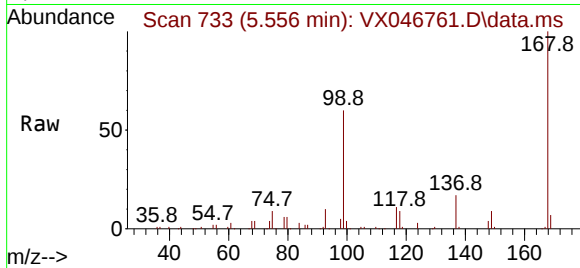




#31
Cyclohexane
Concen: 1.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

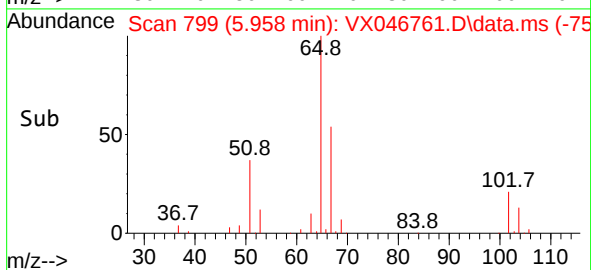
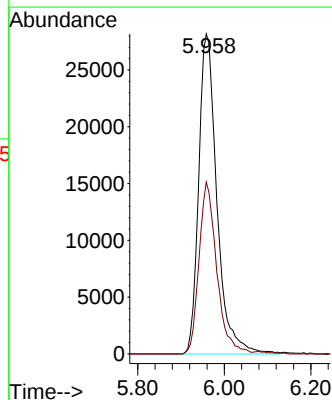
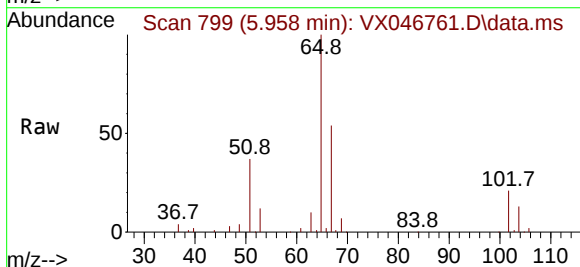
Instrument :
MSVOA_X
ClientSampleId :
EB02-20250616

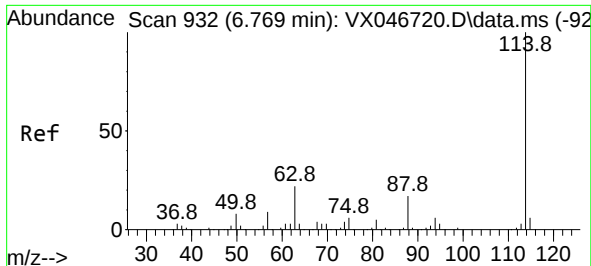
Tgt Ion: 56 Resp: 2580
Ion Ratio Lower Upper
56 100
69 158.1 24.8 37.2#
84 129.0 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 47.830 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Tgt Ion: 65 Resp: 82438
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

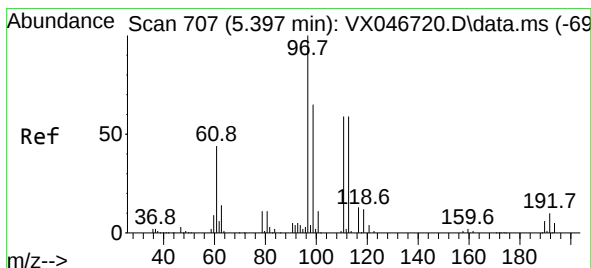
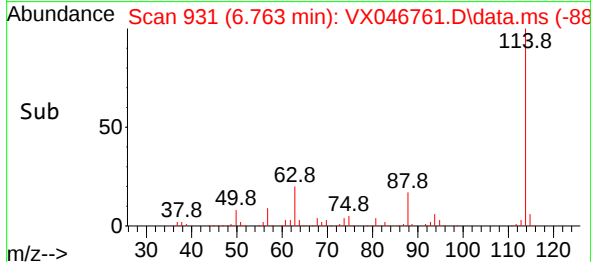
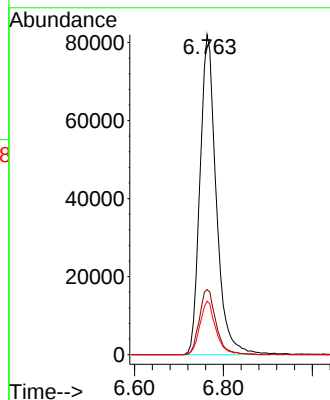
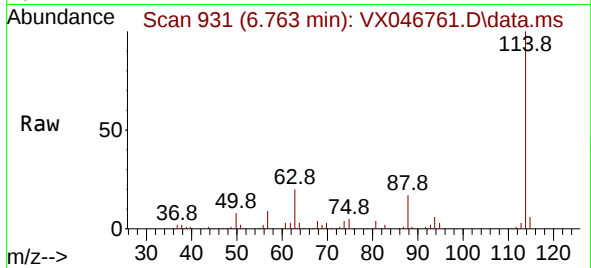




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

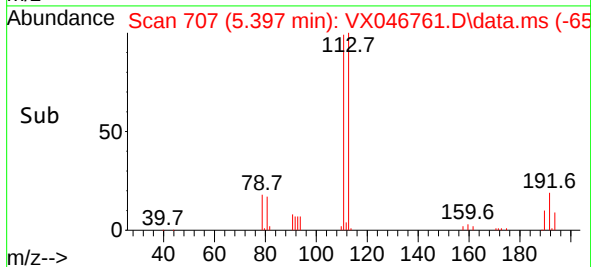
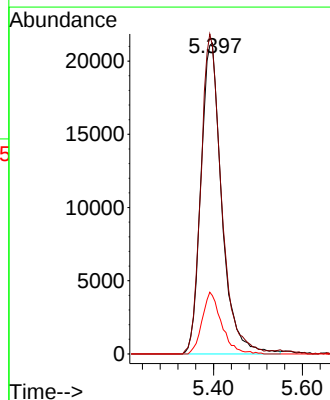
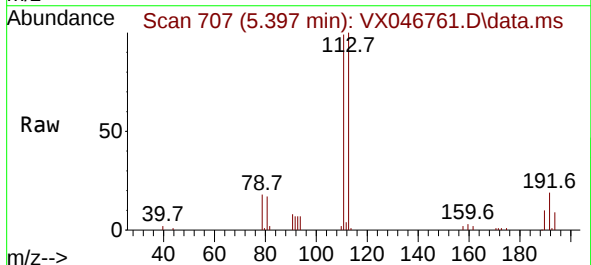
Instrument :
MSVOA_X
ClientSampleId :
EB02-20250616

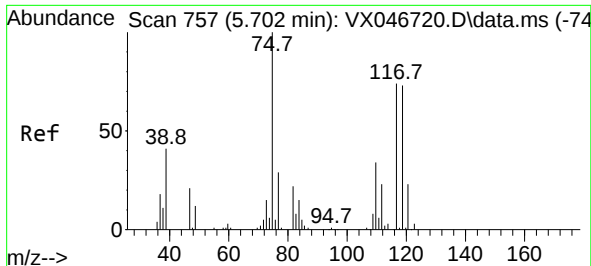
Tgt Ion:114 Resp: 209152
Ion Ratio Lower Upper
114 100
63 20.4 0.0 44.2
88 16.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.045 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Tgt Ion:113 Resp: 69253
Ion Ratio Lower Upper
113 100
111 101.6 82.0 123.0
192 18.6 15.3 22.9





#36

1,1-Dichloropropene

Concen: 5.048 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX046761.D

Acq: 19 Jun 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

EB02-20250616

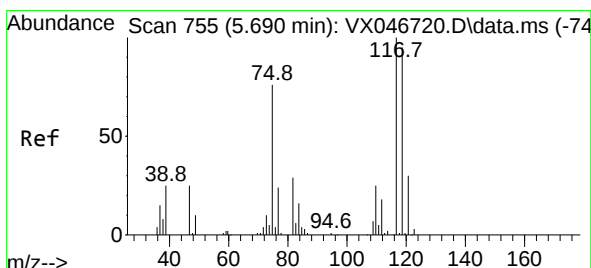
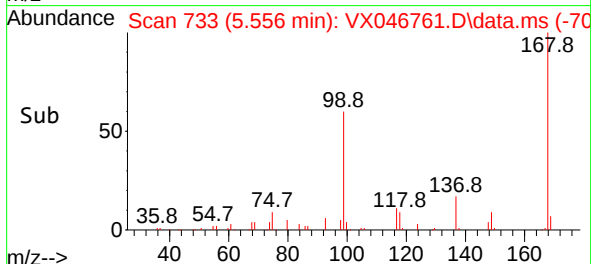
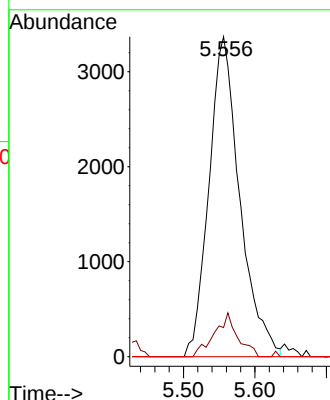
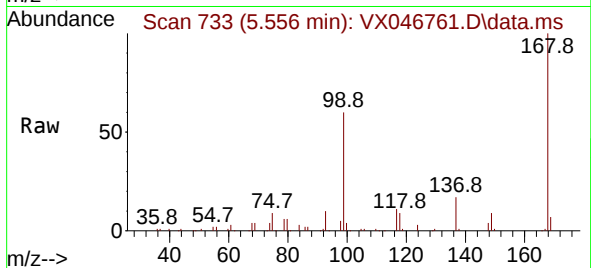
Tgt Ion: 75 Resp: 10084

Ion Ratio Lower Upper

75 100

110 10.3 17.2 51.5#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.887 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX046761.D

Acq: 19 Jun 2025 11:03

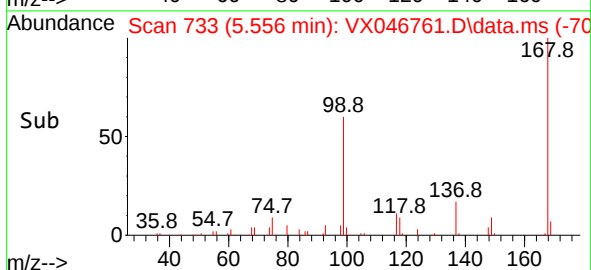
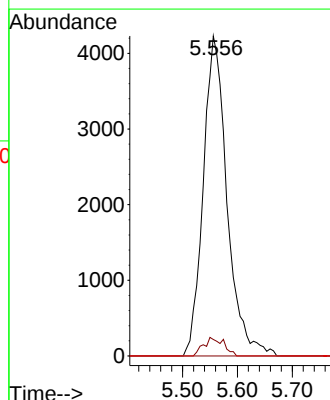
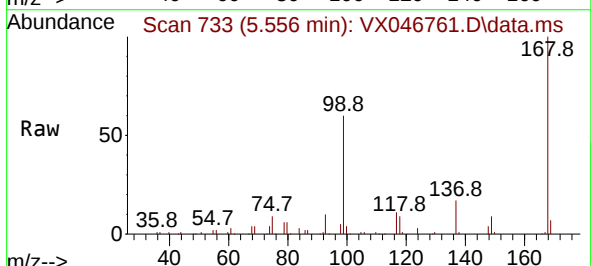
Tgt Ion: 117 Resp: 12763

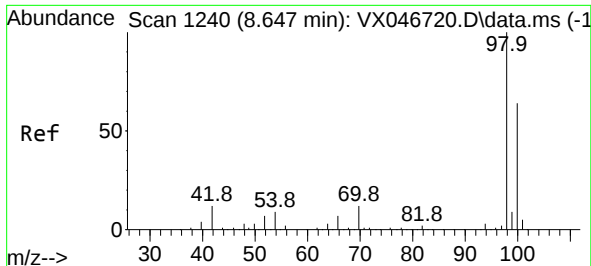
Ion Ratio Lower Upper

117 100

119 5.2 75.2 112.8#

121 0.0 24.1 36.1#

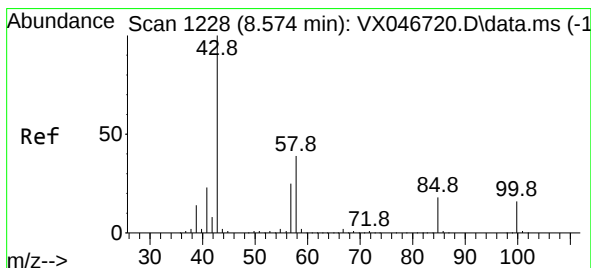
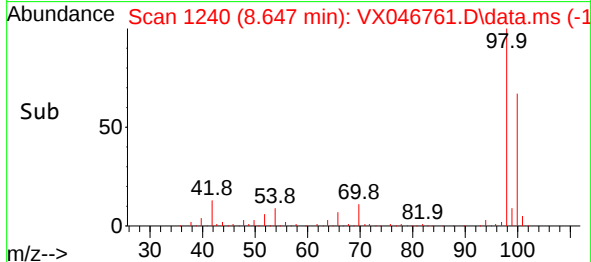
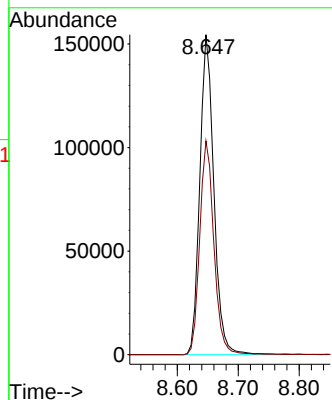
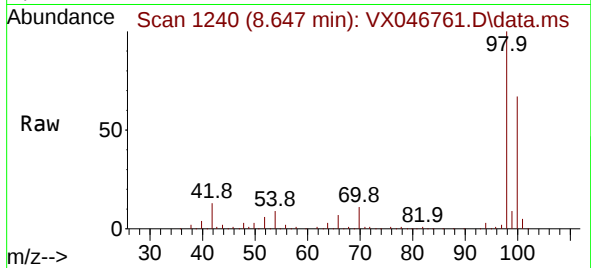




#50
Toluene-d8
Concen: 49.849 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

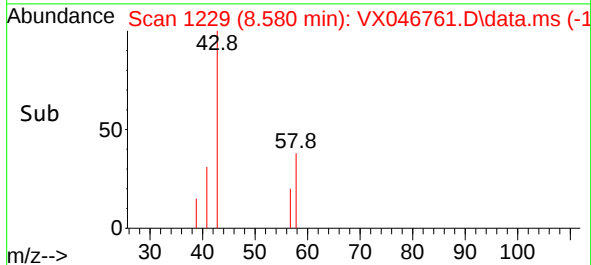
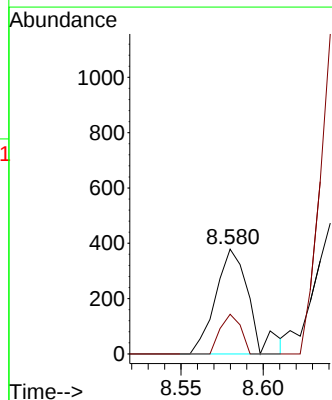
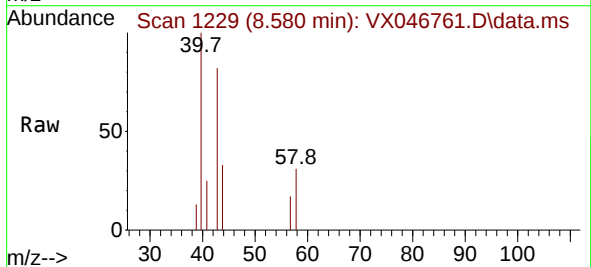
Instrument :
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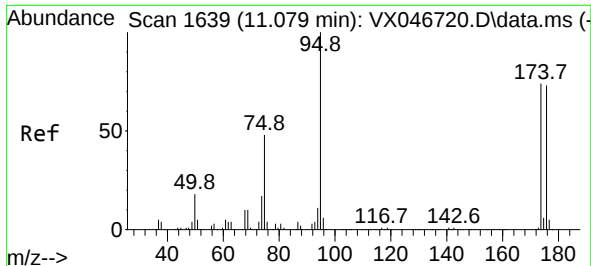
Tgt Ion: 98 Resp: 247834
Ion Ratio Lower Upper
98 100
100 67.4 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.317 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Tgt Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
58 22.7 30.8 46.2#

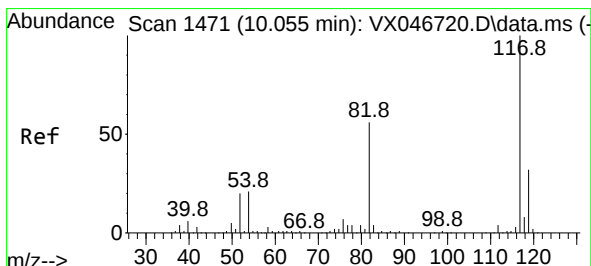
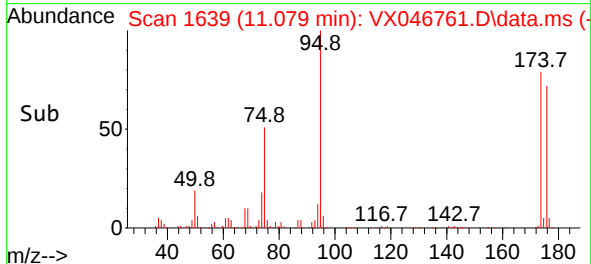
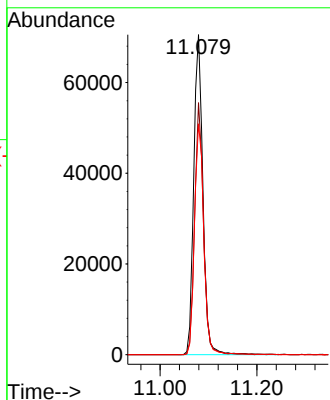
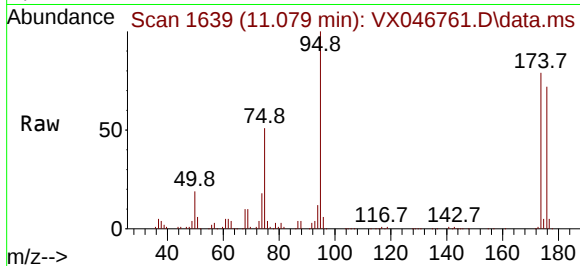




#62
4-Bromofluorobenzene
Concen: 49.921 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

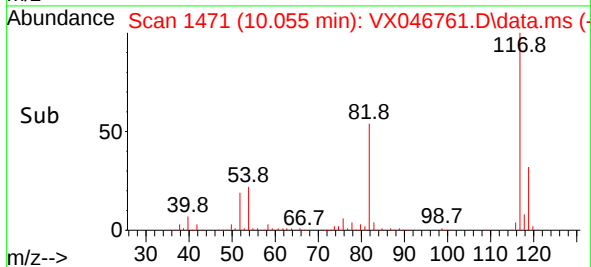
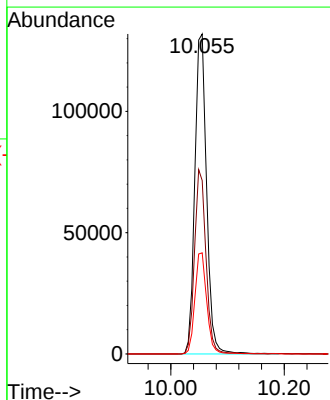
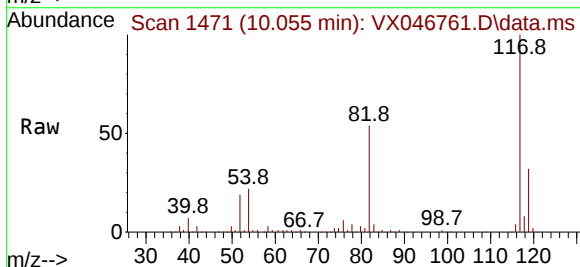
Instrument :
MSVOA_X
ClientSampleId :
EB02-20250616

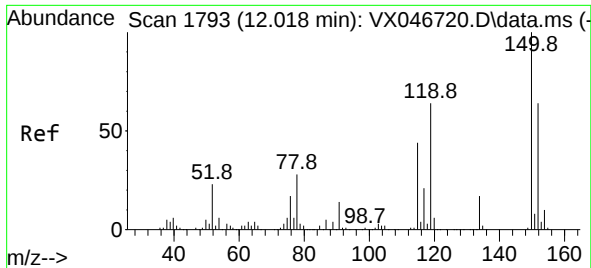
Tgt Ion: 95 Resp: 92518
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.4
176 73.2 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Tgt Ion: 117 Resp: 190032
Ion Ratio Lower Upper
117 100
82 54.2 44.6 66.8
119 31.6 25.8 38.8

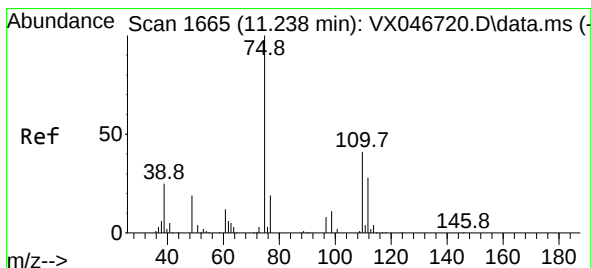
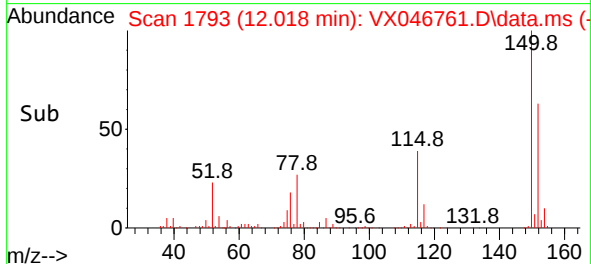
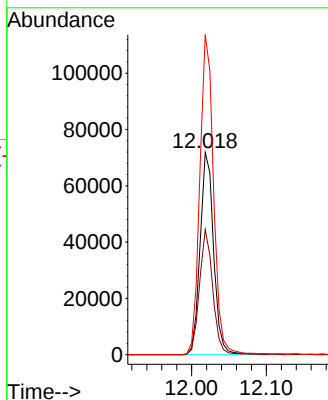
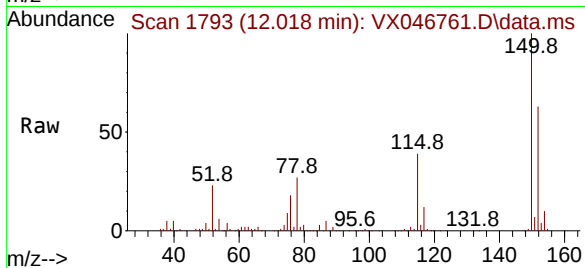




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046761.D
 Acq: 19 Jun 2025 11:03

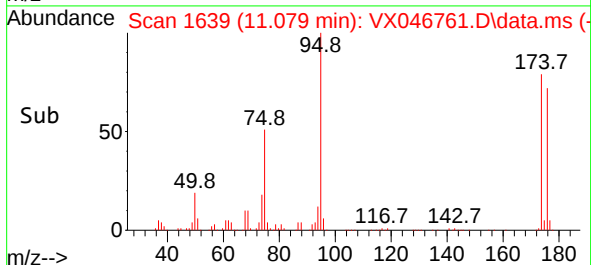
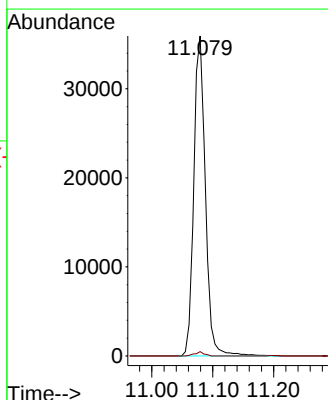
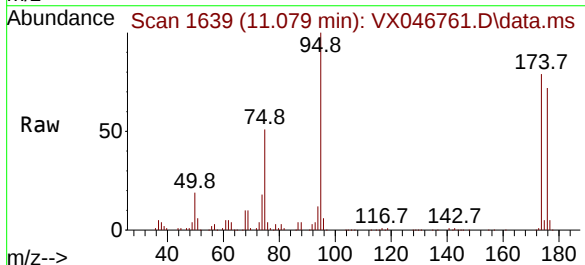
Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20250616

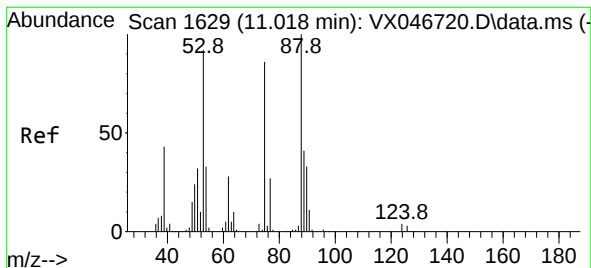
Tgt Ion:152 Resp: 90738
 Ion Ratio Lower Upper
 152 100
 115 60.5 43.2 129.6
 150 160.4 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 28.522 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046761.D
 Acq: 19 Jun 2025 11:03

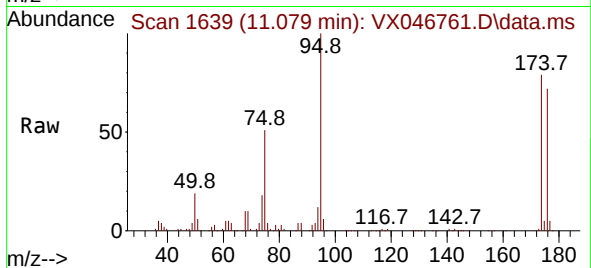
Tgt Ion: 75 Resp: 47400
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.5 55.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.619 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX046761.D
Acq: 19 Jun 2025 11:03

Instrument :
MSVOA_X
ClientSampleId :
EB02-20250616



Tgt Ion: 75 Resp: 47400
Ion Ratio Lower Upper
75 100
53 0.0 86.8 130.2#
89 0.0 36.9 55.3#

