

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047094.D
 Acq On : 23 Jul 2025 16:13
 Operator : JC/MD
 Sample : Q2481-16 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0625-NL

Quant Time: Jul 24 05:53:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

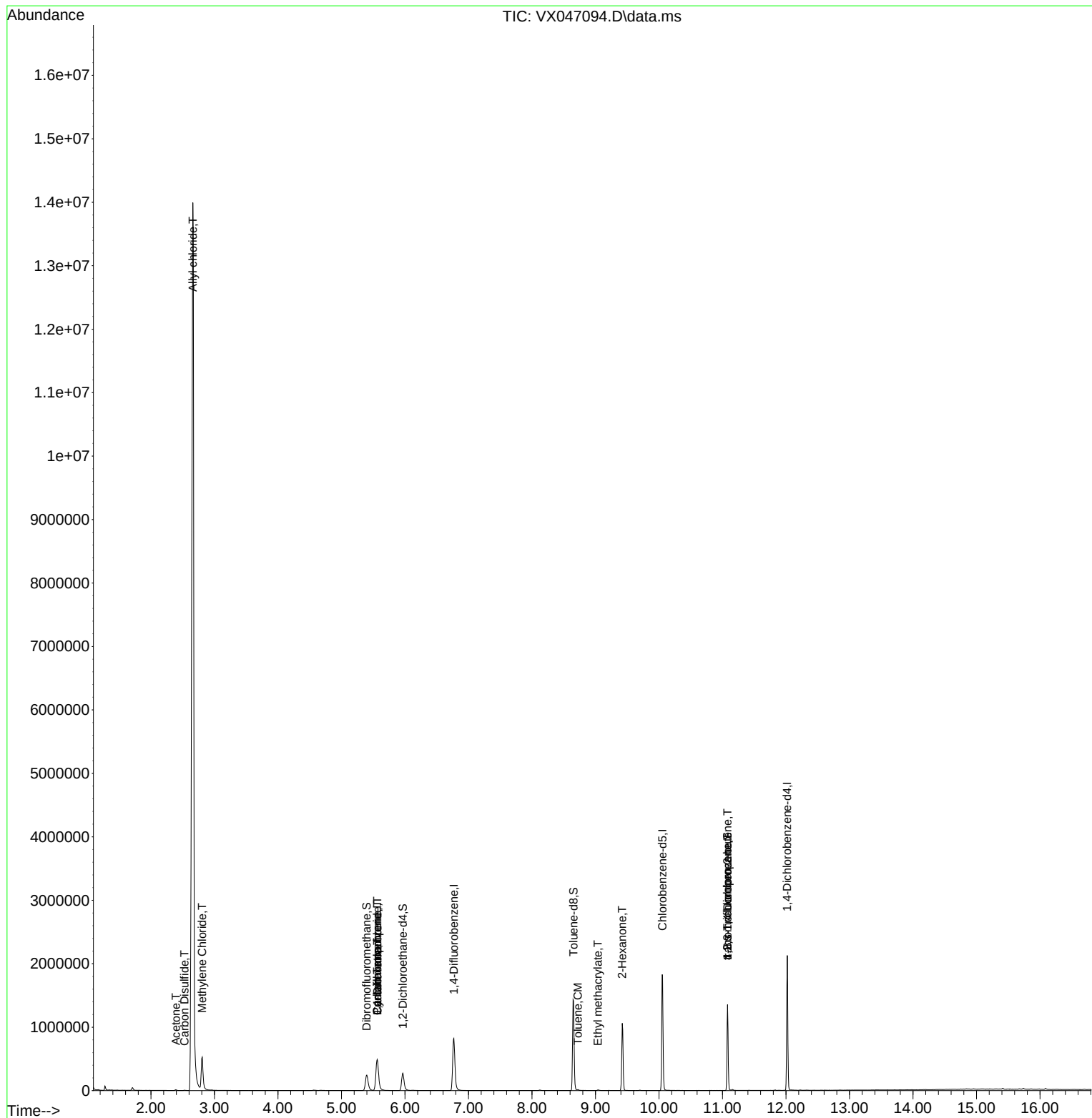
Internal Standards						
1) Pentafluorobenzene	5.562	168	495186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	894087	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	836572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	416419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	287868	46.668	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.340%		
35) Dibromofluoromethane	5.398	113	230846	41.817	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	83.640%		
50) Toluene-d8	8.653	98	884311	49.465	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.920%		
62) 4-Bromofluorobenzene	11.079	95	356577	46.283	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.560%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	1054	Below Cal	#	72
14) Allyl chloride	2.660	41	16783366	1491.979	ug/l #	43
16) Acetone	2.392	43	16370	6.625	ug/l	94
17) Carbon Disulfide	2.526	76	6439	0.358	ug/l #	76
20) Methylene Chloride	2.807	84	250197	36.803	ug/l	99
31) Cyclohexane	5.562	56	10598	0.919	ug/l #	12
36) 1,1-Dichloropropene	5.562	75	41624	4.423	ug/l #	50
38) Carbon Tetrachloride	5.562	117	53000	5.277	ug/l #	15
52) Toluene	8.720	92	4725	0.282	ug/l	89
56) Ethyl methacrylate	9.037	69	3453	0.371	ug/l #	44
59) 2-Hexanone	9.421	43	2499	0.471	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	184138	23.890	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	184138	61.550	ug/l #	8

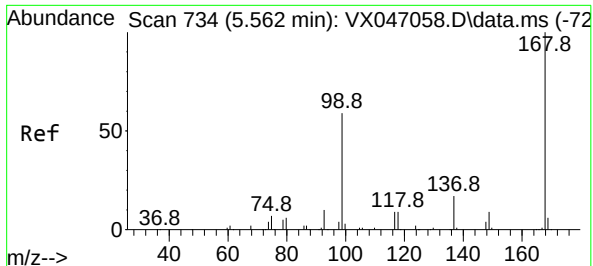
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
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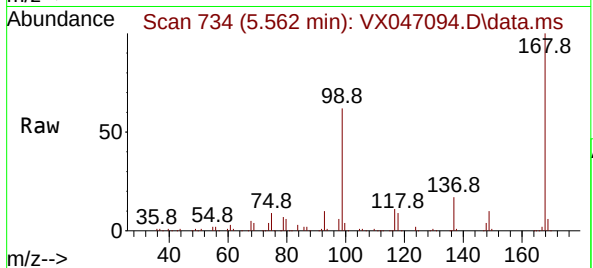
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



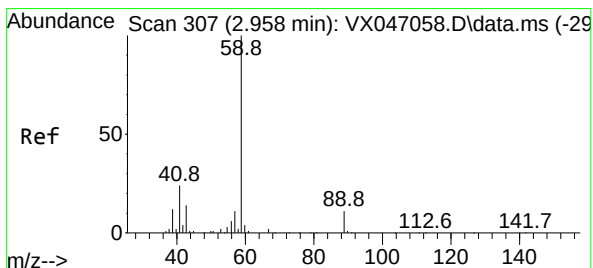
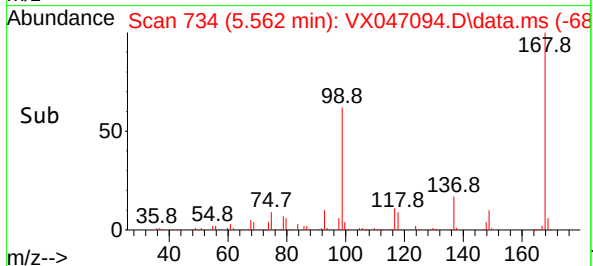
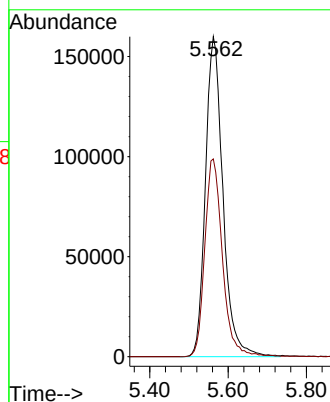


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

Instrument :
MSVOA_X
ClientSampleId :
CC0625-NL

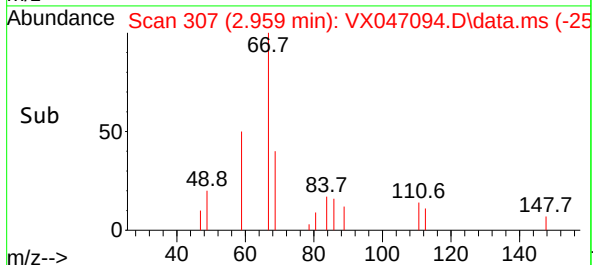
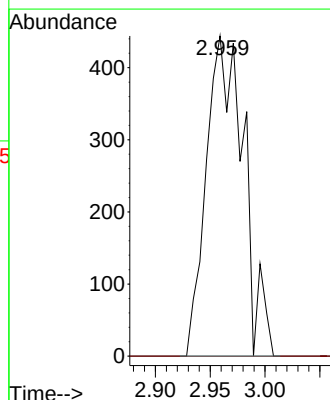
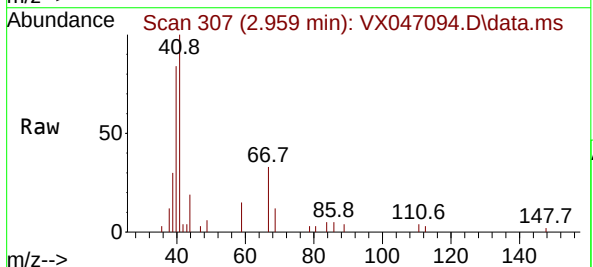


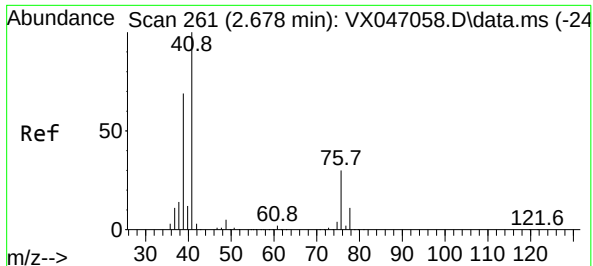
Tgt Ion:168 Resp: 495186
Ion Ratio Lower Upper
168 100
99 61.8 48.0 72.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 59 Resp: 1054
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

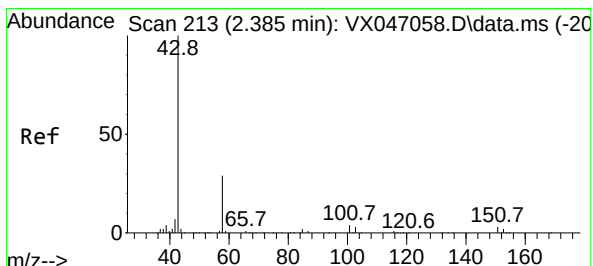
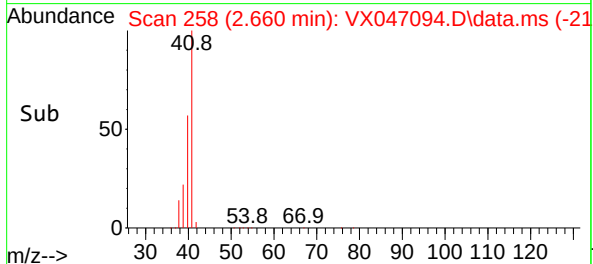
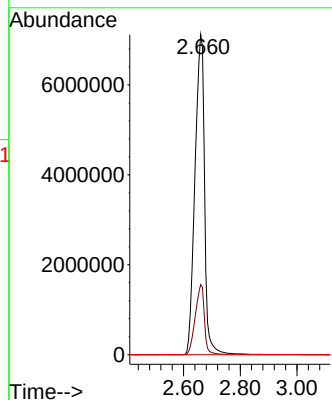
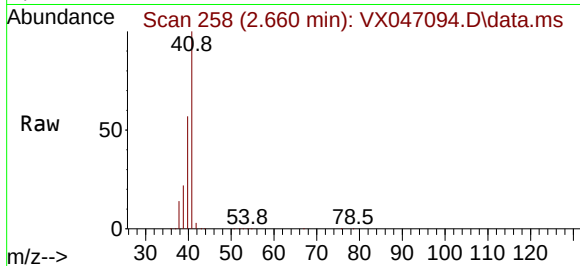




#14
 Allyl chloride
 Concen: 1491.979 ug/l
 RT: 2.660 min Scan# 214
 Delta R.T. -0.018 min
 Lab File: VX047094.D
 Acq: 23 Jul 2025 16:13

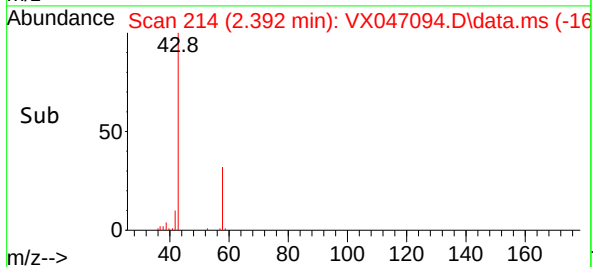
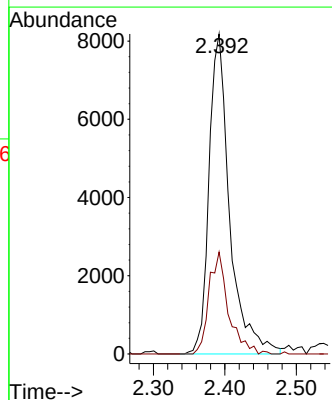
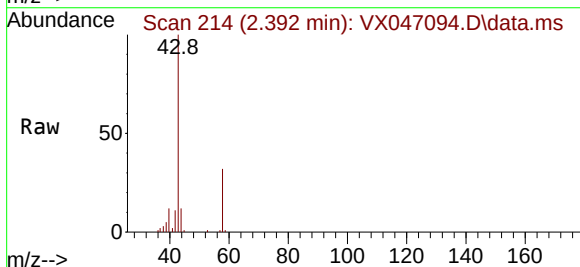
Instrument :
 MSVOA_X
 ClientSampleId :
 CC0625-NL

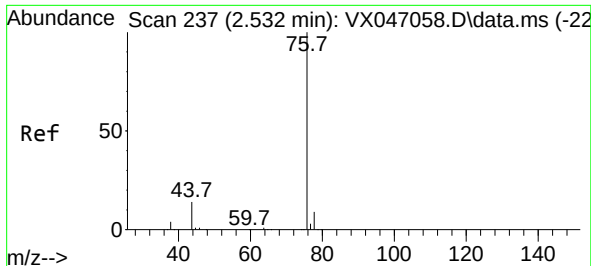
Tgt Ion: 41 Resp:16783366
 Ion Ratio Lower Upper
 41 100
 39 20.9 52.6 78.8#
 76 0.0 25.7 38.5#



#16
 Acetone
 Concen: 6.625 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.007 min
 Lab File: VX047094.D
 Acq: 23 Jul 2025 16:13

Tgt Ion: 43 Resp: 16370
 Ion Ratio Lower Upper
 43 100
 58 33.3 24.0 36.0





#17

Carbon Disulfide

Concen: 0.358 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047094.D

Acq: 23 Jul 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

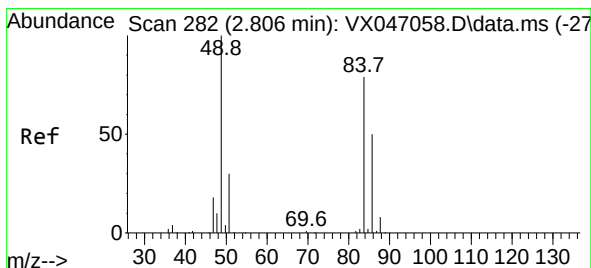
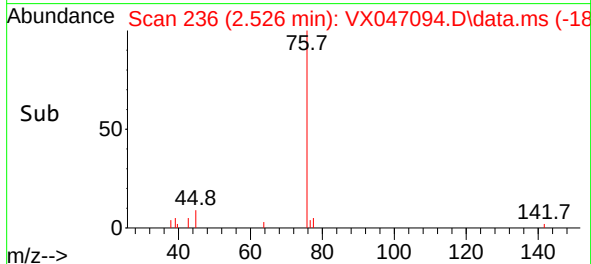
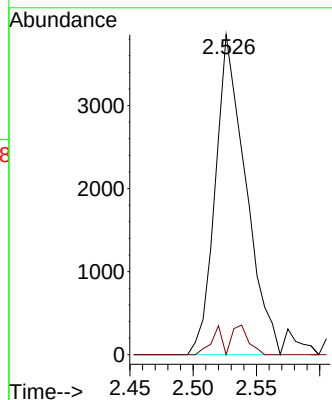
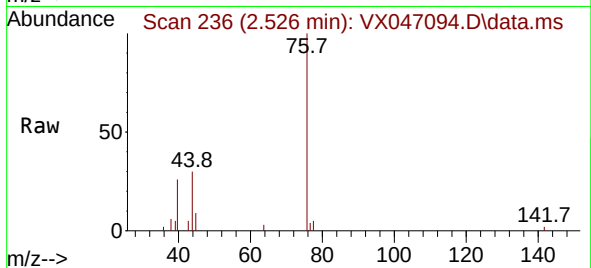
CC0625-NL

Tgt Ion: 76 Resp: 6439

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.4#



#20

Methylene Chloride

Concen: 36.803 ug/l

RT: 2.807 min Scan# 282

Delta R.T. 0.001 min

Lab File: VX047094.D

Acq: 23 Jul 2025 16:13

Tgt Ion: 84 Resp: 250197

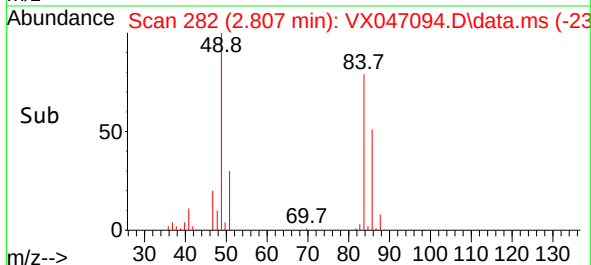
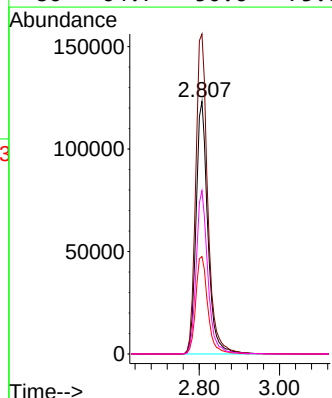
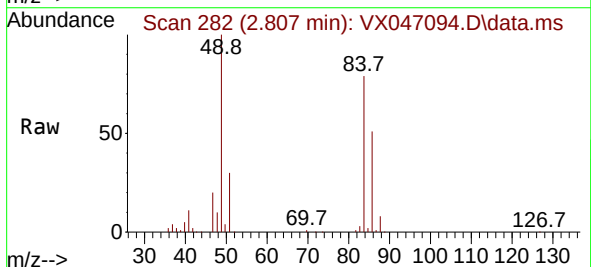
Ion Ratio Lower Upper

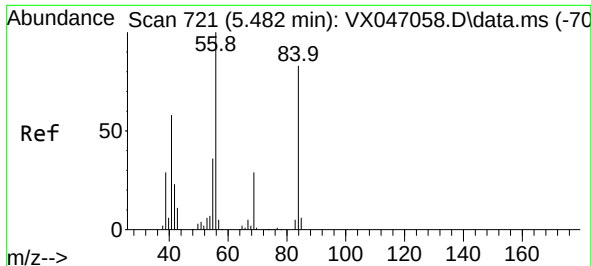
84 100

49 126.8 101.6 152.4

51 38.6 30.3 45.5

86 64.7 50.6 75.8

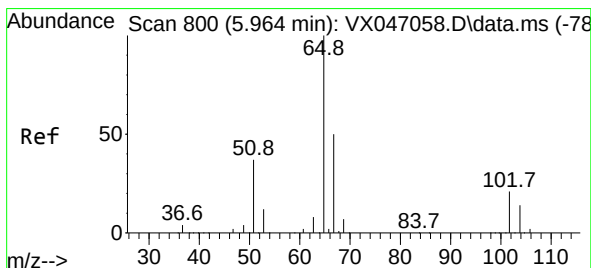
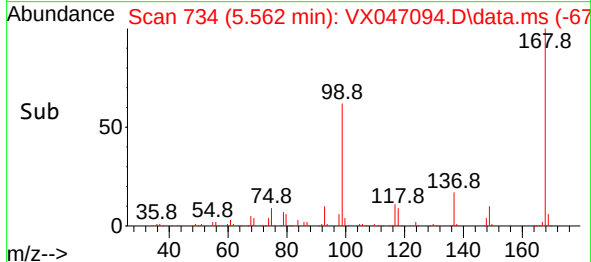
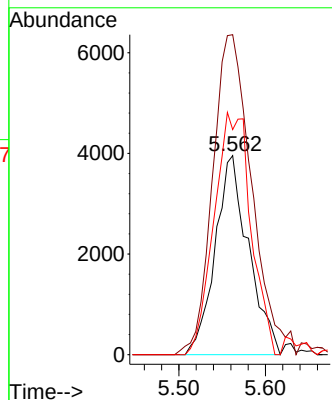
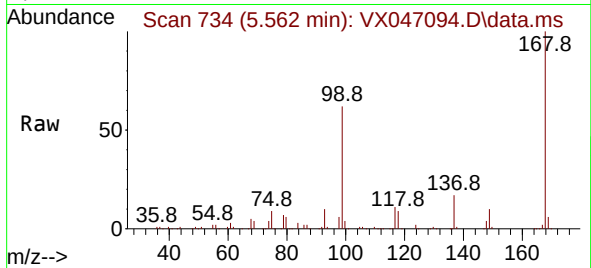




#31
Cyclohexane
Concen: 0.919 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

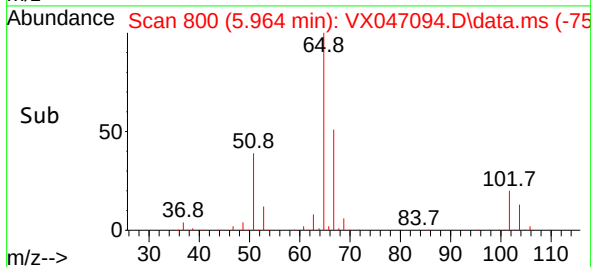
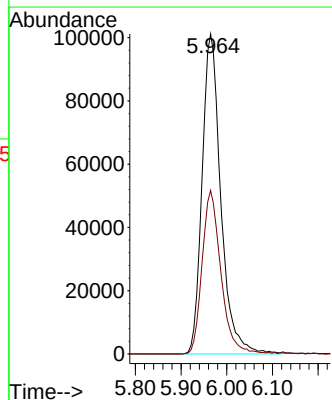
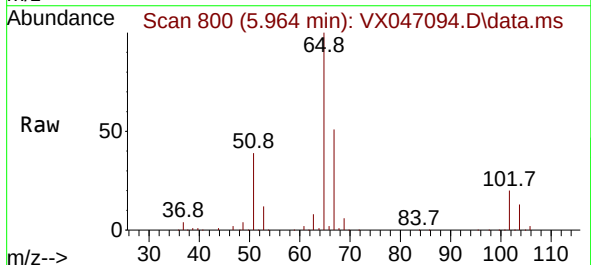
Instrument :
MSVOA_X
ClientSampleId :
CC0625-NL

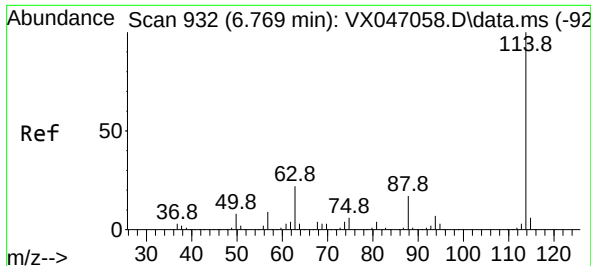
Tgt Ion: 56 Resp: 10598
Ion Ratio Lower Upper
56 100
69 158.8 23.3 34.9#
84 113.1 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 46.668 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 65 Resp: 287868
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8

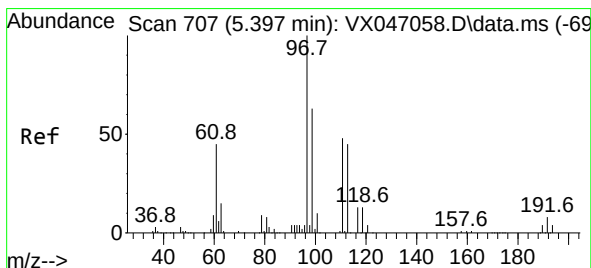
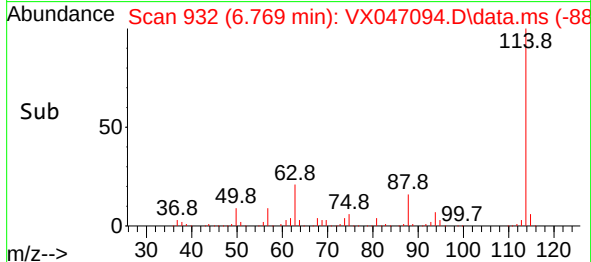
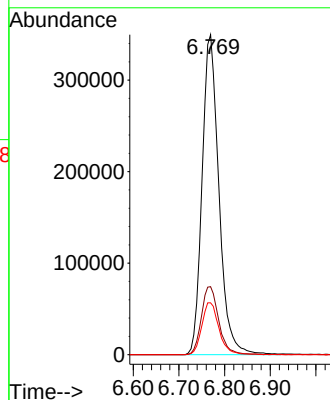
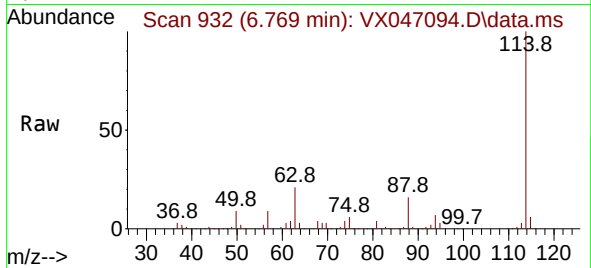




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

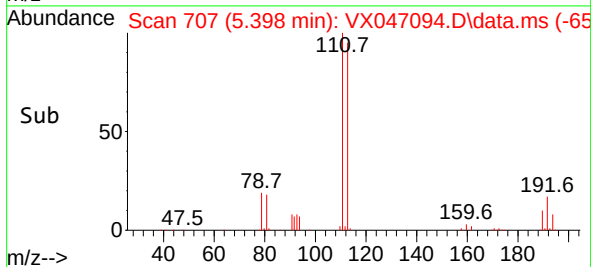
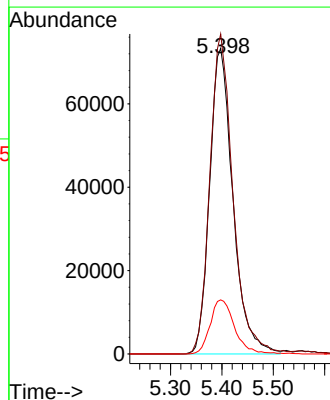
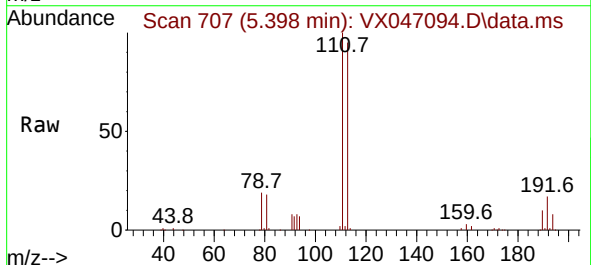
Instrument :
MSVOA_X
ClientSampleId :
CC0625-NL

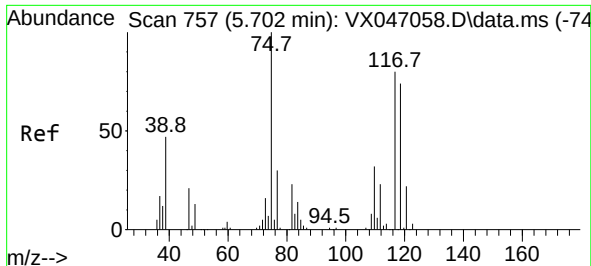
Tgt Ion:114 Resp: 894087
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.2
88 16.2 0.0 33.8



#35
Dibromofluoromethane
Concen: 41.817 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

Tgt Ion:113 Resp: 230846
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 18.5 14.9 22.3

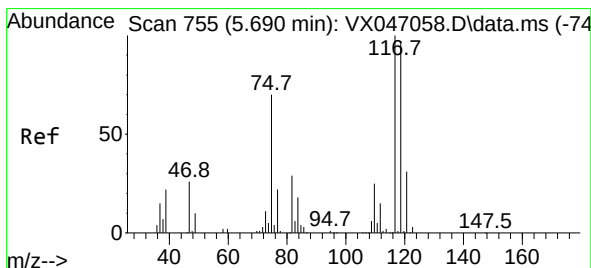
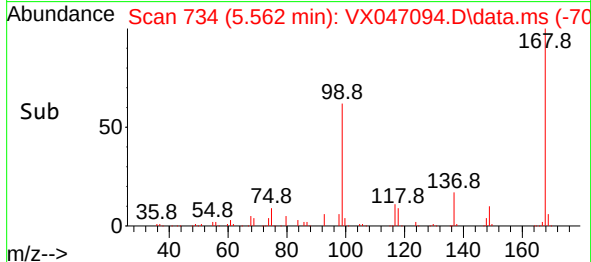
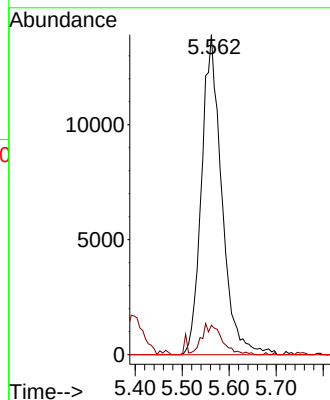
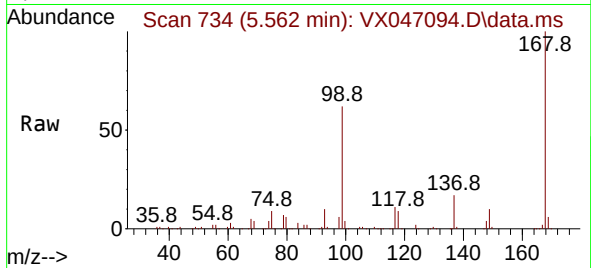




#36
1,1-Dichloropropene
Concen: 4.423 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

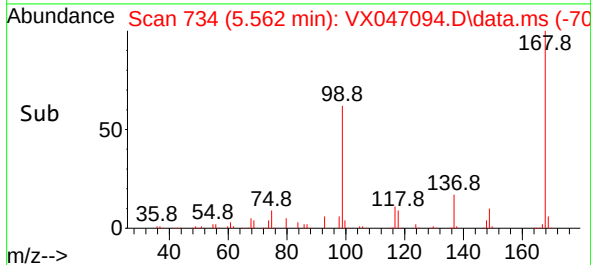
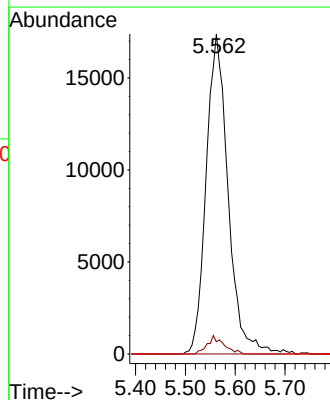
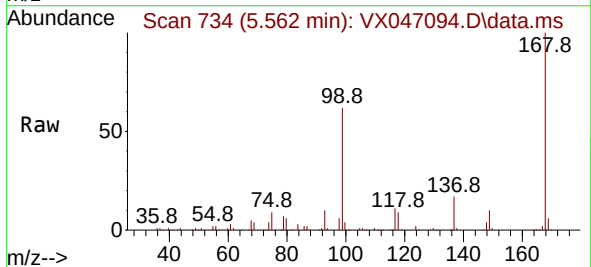
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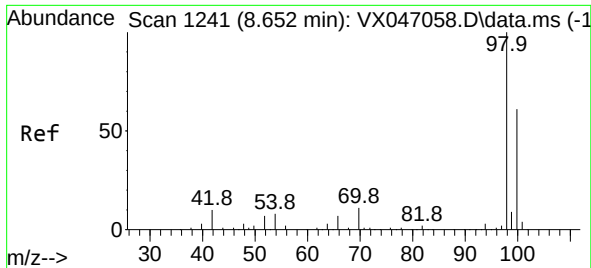
Tgt Ion: 75 Resp: 41624
Ion Ratio Lower Upper
75 100
110 9.6 17.2 51.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.277 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 117 Resp: 53000
Ion Ratio Lower Upper
117 100
119 3.8 76.6 115.0#
121 0.0 24.4 36.6#

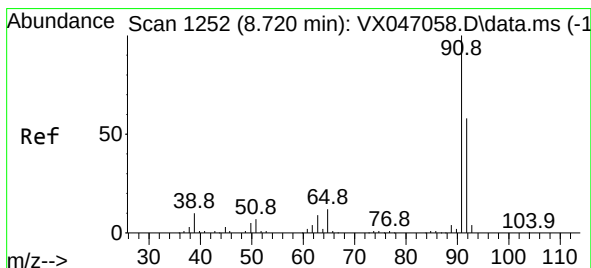
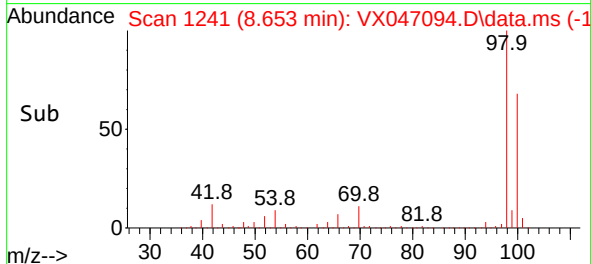
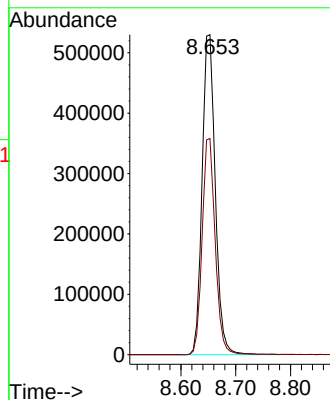
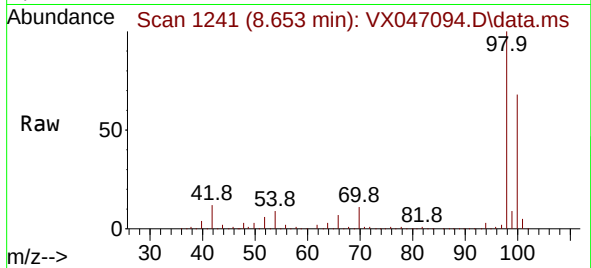




#50
Toluene-d8
Concen: 49.465 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

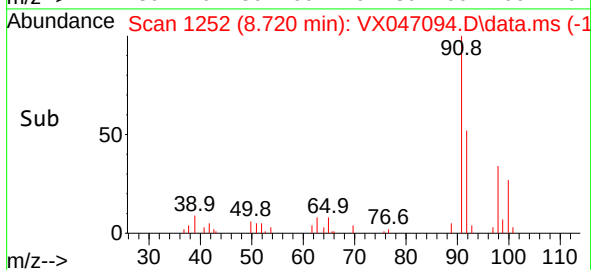
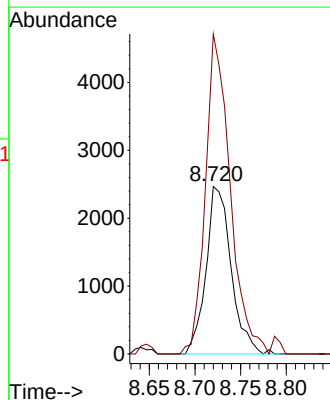
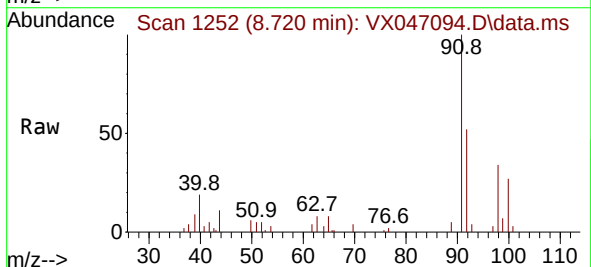
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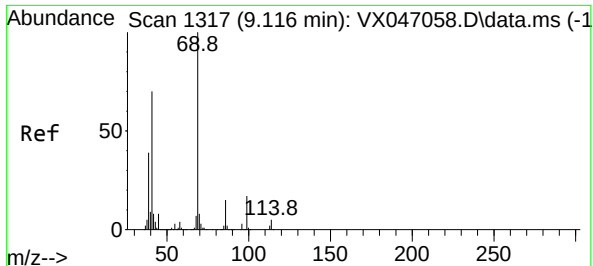
Tgt Ion: 98 Resp: 884311
Ion Ratio Lower Upper
98 100
100 66.7 53.3 79.9



#52
Toluene
Concen: 0.282 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 92 Resp: 4725
Ion Ratio Lower Upper
92 100
91 187.8 137.9 206.9

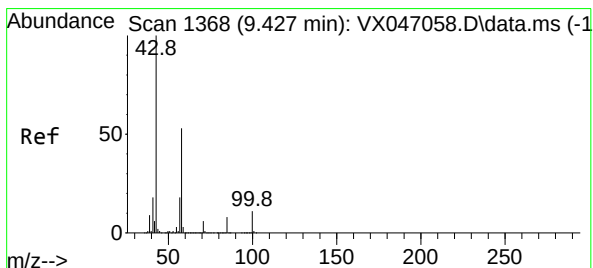
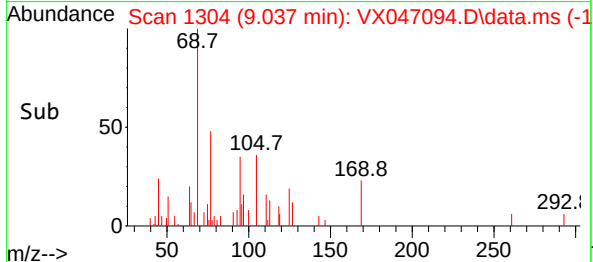
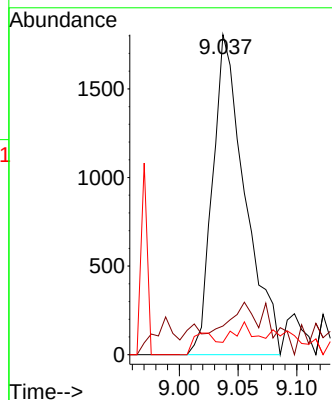
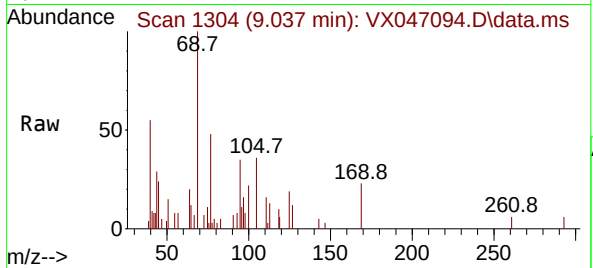




#56
Ethyl methacrylate
Concen: 0.371 ug/l
RT: 9.037 min Scan# 1131
Delta R.T. -0.079 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

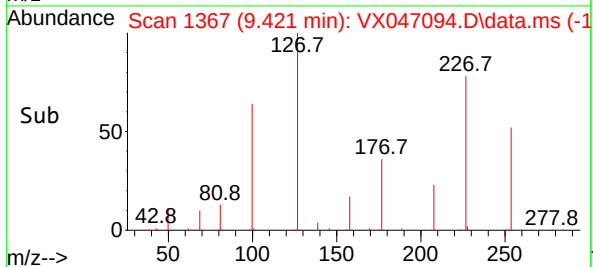
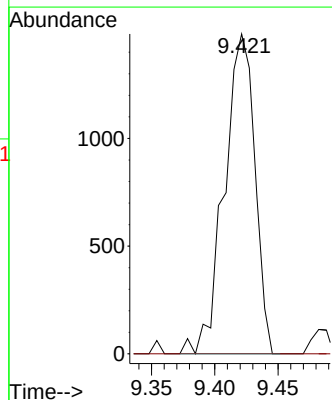
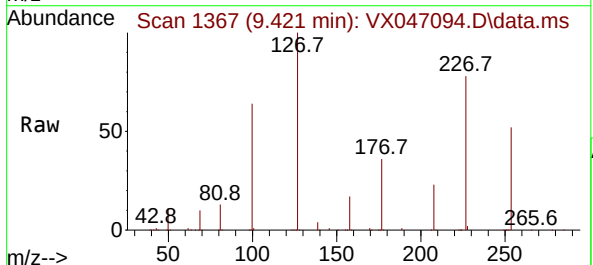
Instrument :
MSVOA_X
ClientSampleId :
CC0625-NL

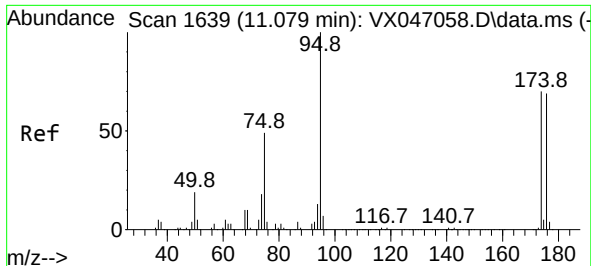
Tgt Ion: 69 Resp: 3453
Ion Ratio Lower Upper
69 100
41 22.0 56.1 84.1#
39 7.6 31.1 46.7#



#59
2-Hexanone
Concen: 0.471 ug/l
RT: 9.421 min Scan# 1367
Delta R.T. -0.006 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 43 Resp: 2499
Ion Ratio Lower Upper
43 100
58 0.0 26.5 79.5#

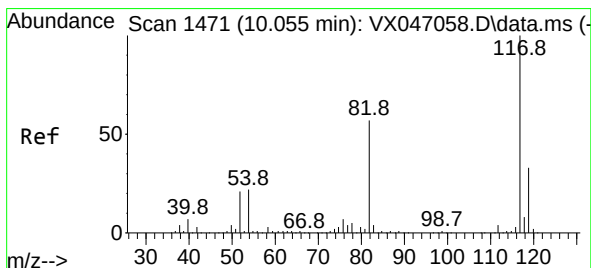
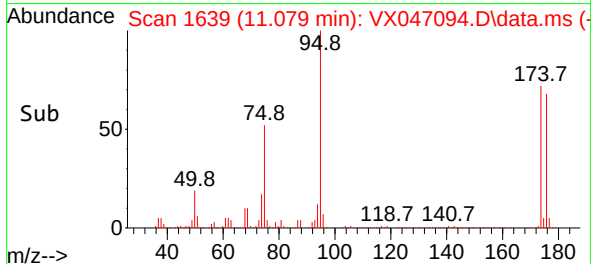
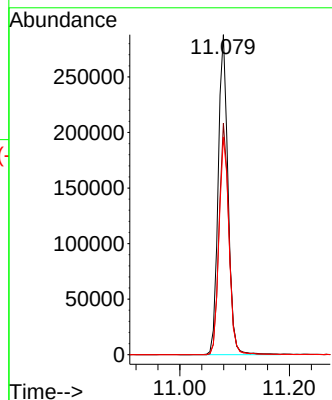
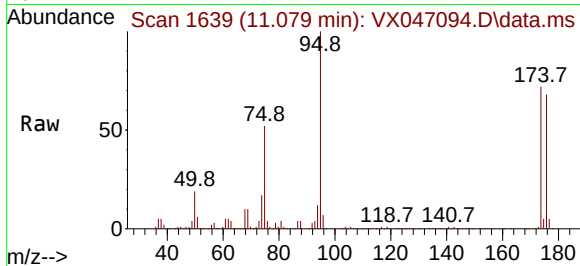




#62
4-Bromofluorobenzene
Concen: 46.283 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

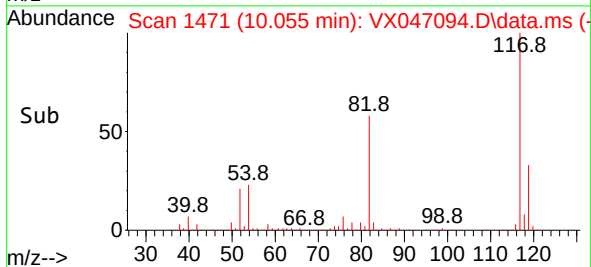
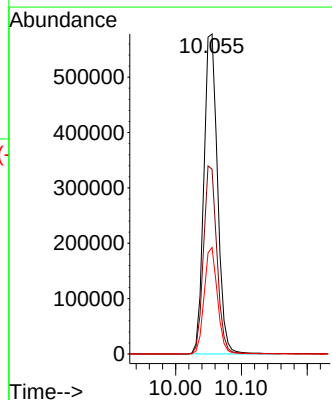
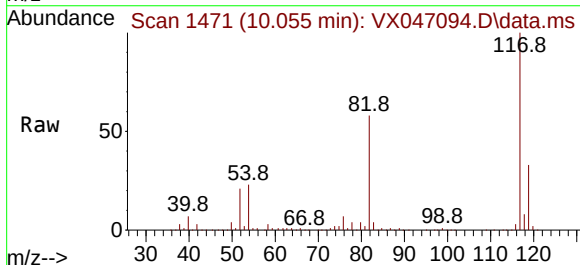
Instrument :
MSVOA_X
ClientSampleId :
CC0625-NL

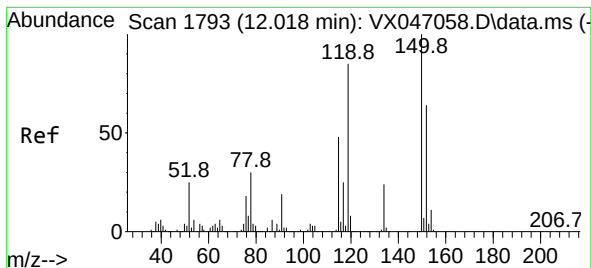
Tgt Ion: 95 Resp: 356577
Ion Ratio Lower Upper
95 100
174 72.3 0.0 144.6
176 69.7 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047094.D
Acq: 23 Jul 2025 16:13

Tgt Ion: 117 Resp: 836572
Ion Ratio Lower Upper
117 100
82 57.7 45.4 68.2
119 33.3 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX047094.D

Acq: 23 Jul 2025 16:13

Instrument :

MSVOA_X

ClientSampleId :

CC0625-NL

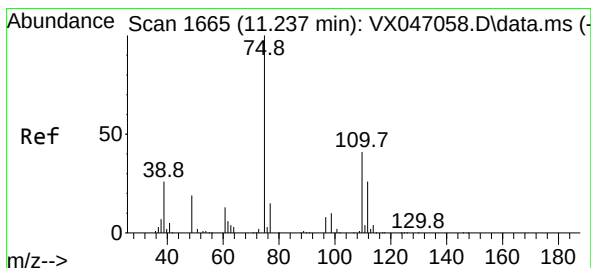
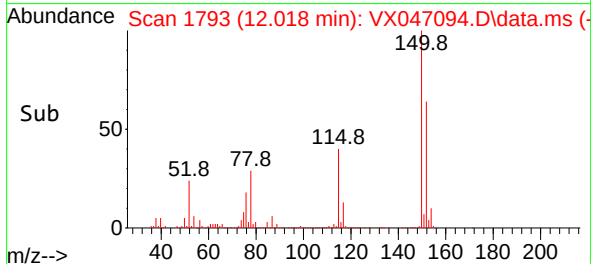
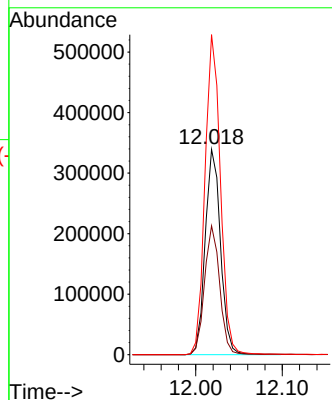
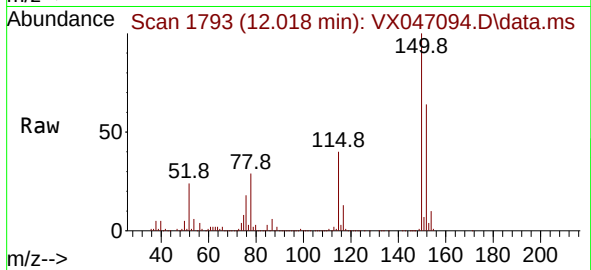
Tgt Ion:152 Resp: 416419

Ion Ratio Lower Upper

152 100

115 62.4 45.6 136.7

150 157.0 0.0 354.6



#76

1,2,3-Trichloropropane

Concen: 23.890 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047094.D

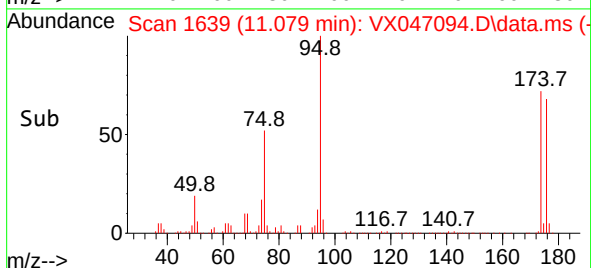
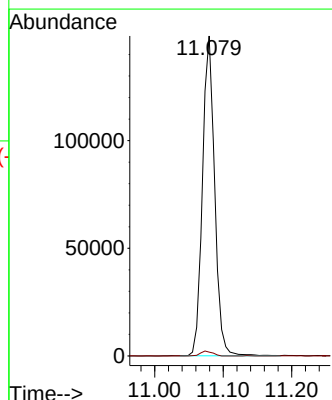
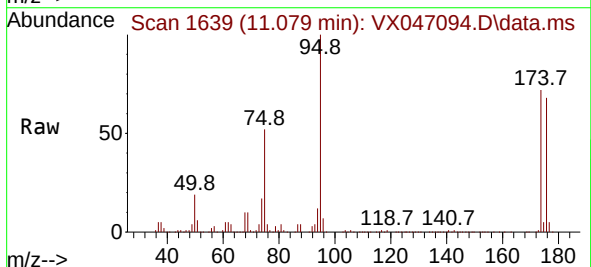
Acq: 23 Jul 2025 16:13

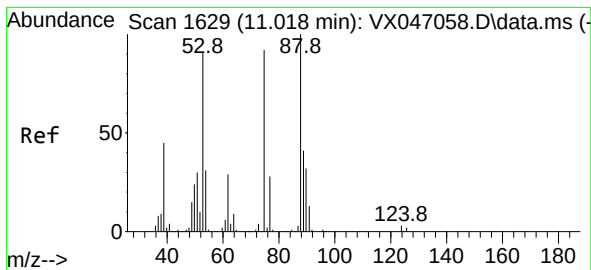
Tgt Ion: 75 Resp: 184138

Ion Ratio Lower Upper

75 100

77 1.5 21.6 65.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.550 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047094.D
 Acq: 23 Jul 2025 16:13

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0625-NL

Tgt Ion: 75 Resp: 184138
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.2 126.4#
 89 0.0 36.0 54.0#

