

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047100.D
 Acq On : 23 Jul 2025 18:18
 Operator : JC/MD
 Sample : Q2481-13 1000X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CC0627-CLOXPL

Quant Time: Jul 24 05:56:23 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)

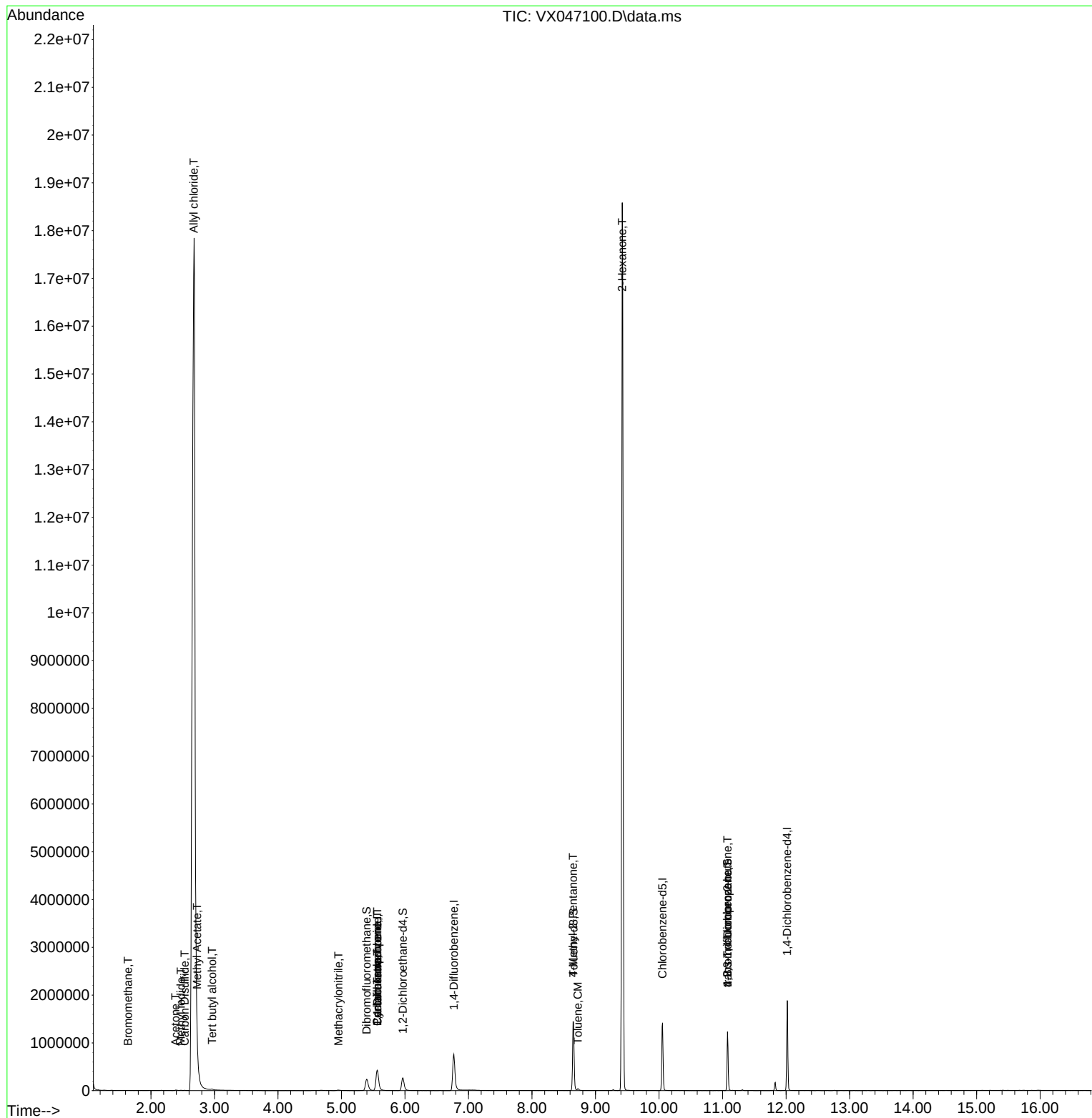
Internal Standards						
1) Pentafluorobenzene	5.562	168	429519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	796160	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	637113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	363347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	286697	53.584	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.160%	
35) Dibromofluoromethane	5.397	113	229898	46.768	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.540%	
50) Toluene-d8	8.653	98	886100	55.661	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.320%	
62) 4-Bromofluorobenzene	11.079	95	323357	47.134	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.260%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	1022	0.310	ug/l #	75
10) Methyl Iodide	2.471	142	8458	1.523	ug/l	99
11) Tert butyl alcohol	2.965	59	8352	3.199	ug/l #	74
14) Allyl chloride	2.672	41	29201287	2992.758	ug/l #	44
16) Acetone	2.386	43	14902	6.952	ug/l	93
17) Carbon Disulfide	2.532	76	7900	0.506	ug/l #	91
18) Methyl Acetate	2.727	43	29559	5.189	ug/l	100
31) Cyclohexane	5.562	56	10015	1.001	ug/l #	2
36) 1,1-Dichloropropene	5.562	75	37429	4.467	ug/l #	50
38) Carbon Tetrachloride	5.562	117	46650	5.216	ug/l #	15
41) Methacrylonitrile	4.952	41	11237	2.783	ug/l	93
51) 4-Methyl-2-Pentanone	8.647	43	4483	0.627	ug/l #	1
52) Toluene	8.720	92	10832	0.726	ug/l	96
59) 2-Hexanone	9.421	43	32631	6.903	ug/l #	25
76) 1,2,3-Trichloropropane	11.079	75	168811	25.101	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	168811	64.669	ug/l #	8

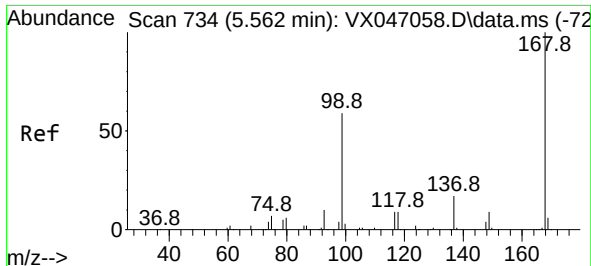
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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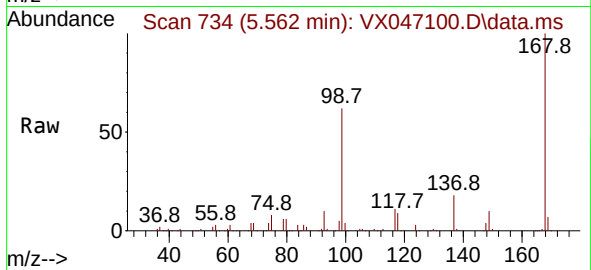
Quant Time: Jul 24 05:56:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



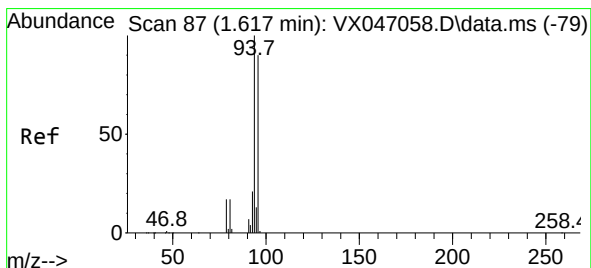
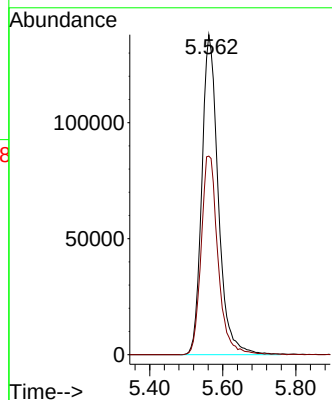
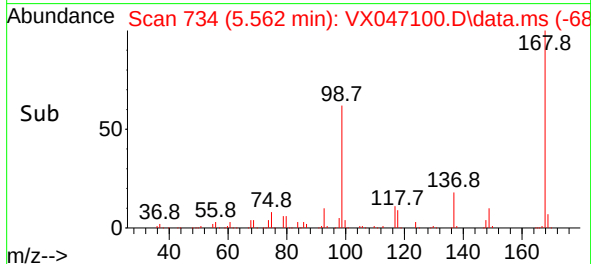


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

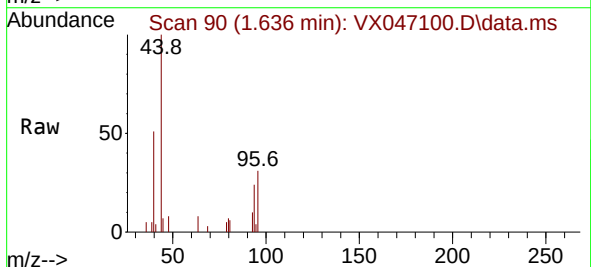
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MSVOA_X
ClientSampleId :
CC0627-CLOXPL



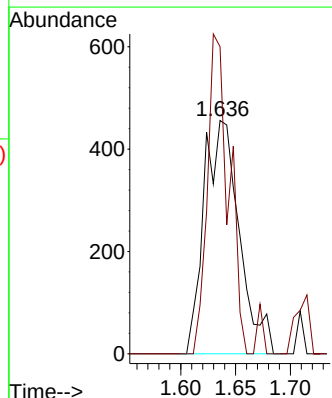
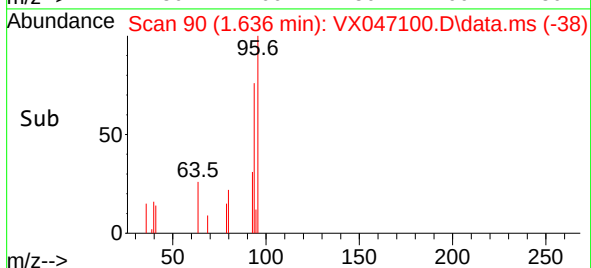
Tgt Ion:168 Resp: 429519
Ion Ratio Lower Upper
168 100
99 62.1 48.0 72.0

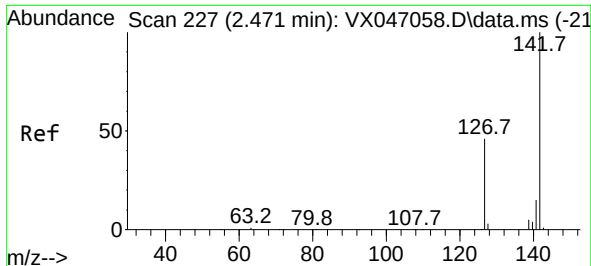


#5
Bromomethane
Concen: 0.310 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.019 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18



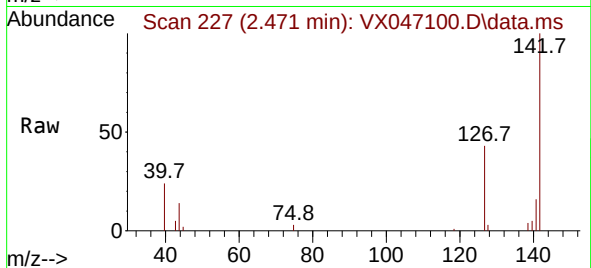
Tgt Ion: 94 Resp: 1022
Ion Ratio Lower Upper
94 100
96 113.6 72.3 108.5#



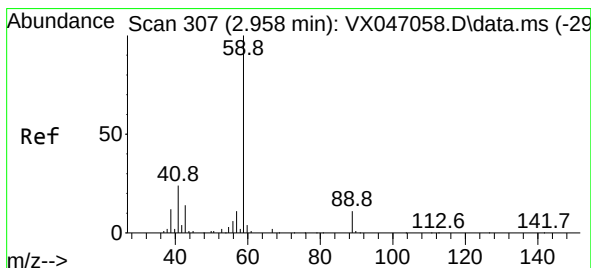
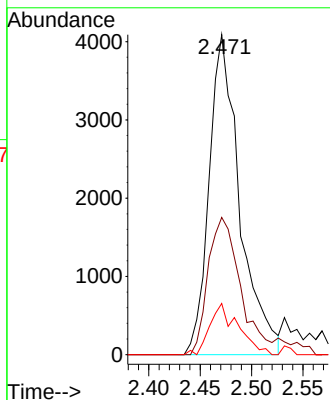
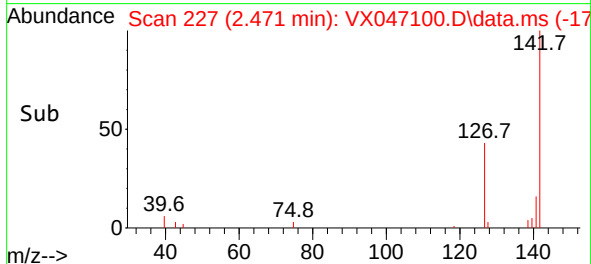


#10
Methyl Iodide
Concen: 1.523 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

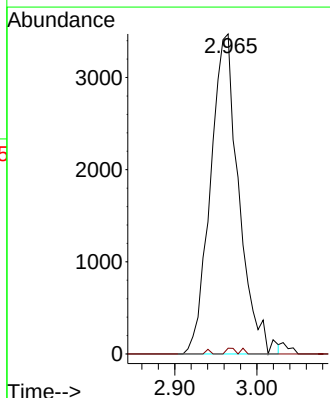
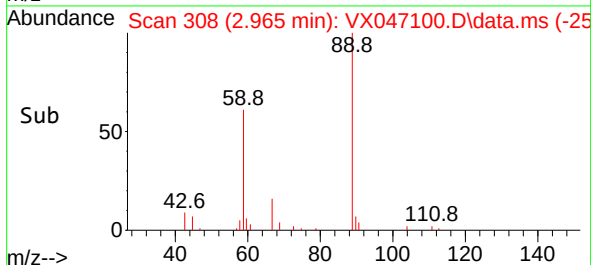
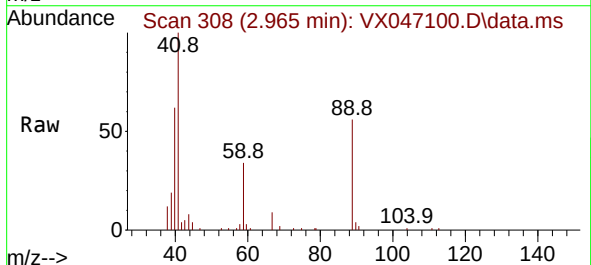


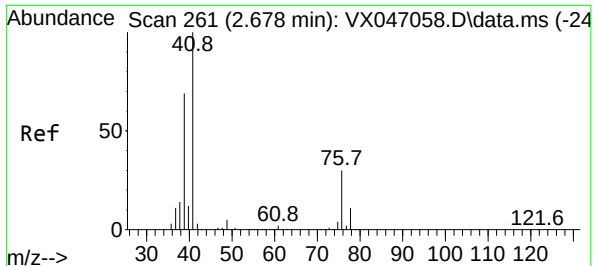
Tgt Ion:142 Resp: 8458
Ion Ratio Lower Upper
142 100
127 45.2 36.6 54.8
141 14.9 10.9 16.3



#11
Tert butyl alcohol
Concen: 3.199 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.007 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

Tgt Ion: 59 Resp: 8352
Ion Ratio Lower Upper
59 100
57 0.8 8.5 12.7#

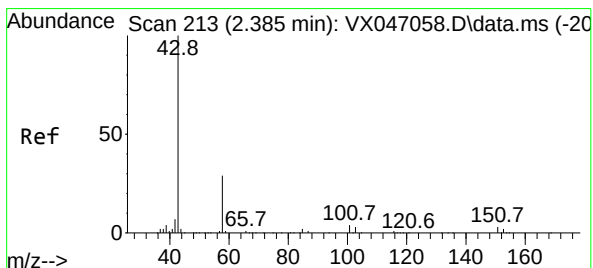
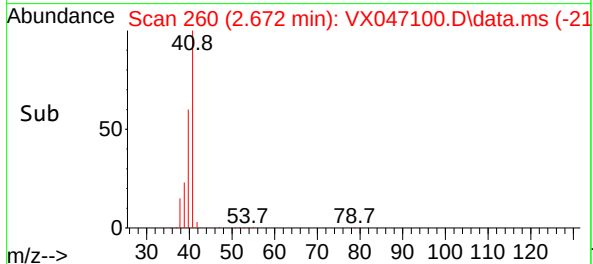
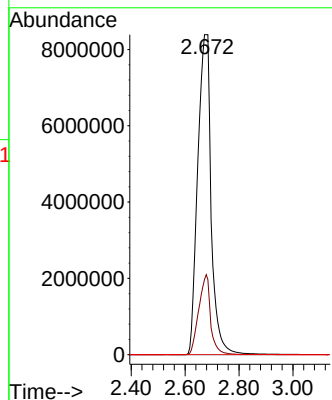
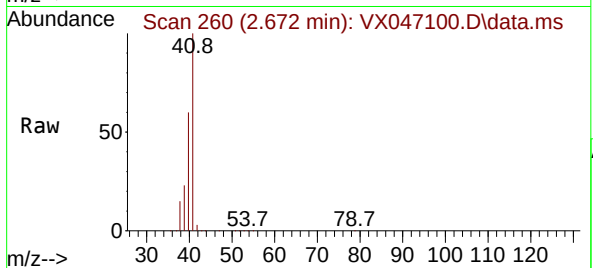




#14
Allyl chloride
Concen: 2992.758 ug/l
RT: 2.672 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

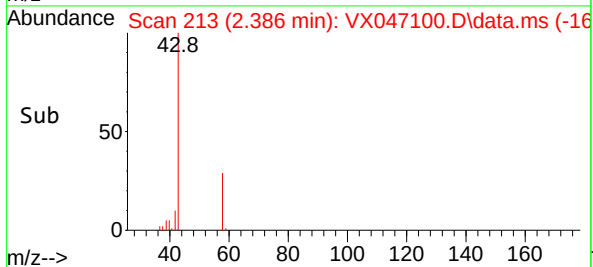
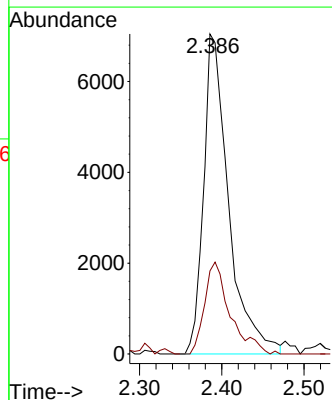
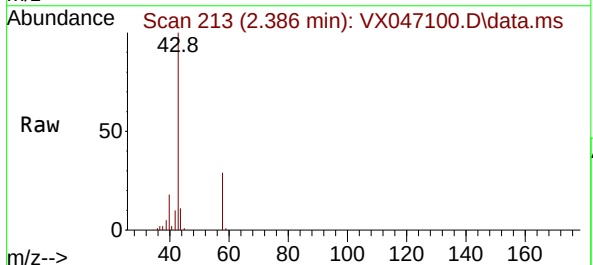
Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

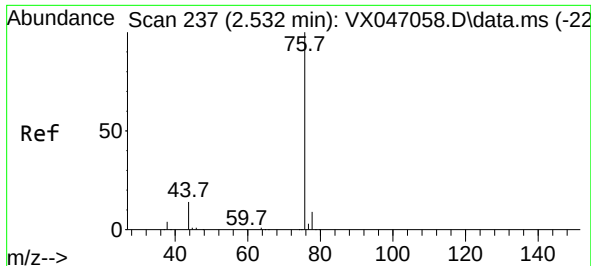
Tgt Ion: 41 Resp:29201287
Ion Ratio Lower Upper
41 100
39 22.0 52.6 78.8#
76 0.0 25.7 38.5#



#16
Acetone
Concen: 6.952 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

Tgt Ion: 43 Resp: 14902
Ion Ratio Lower Upper
43 100
58 26.0 24.0 36.0

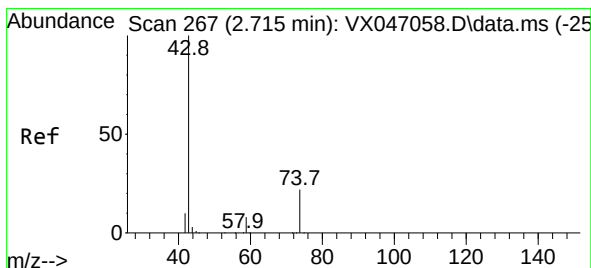
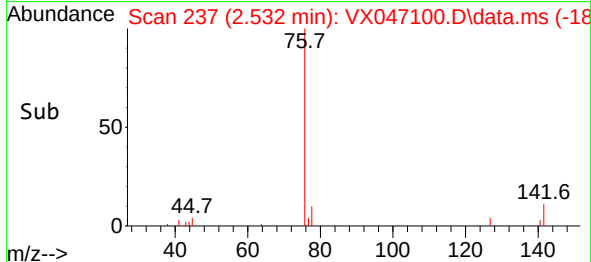
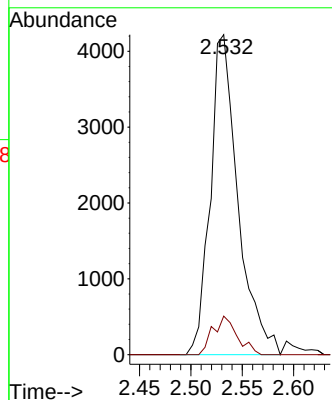
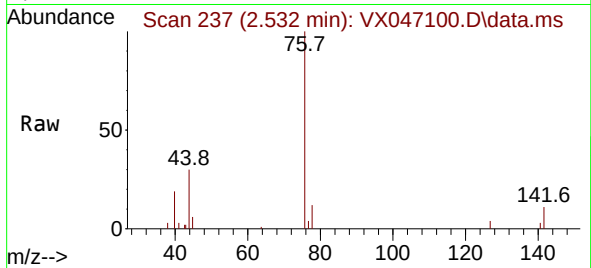




#17
Carbon Disulfide
Concen: 0.506 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

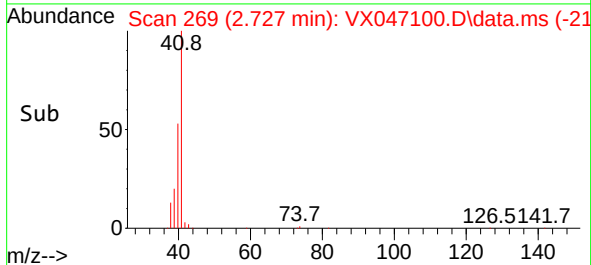
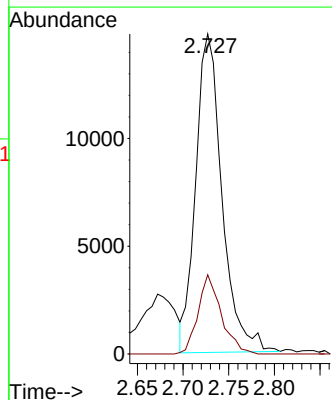
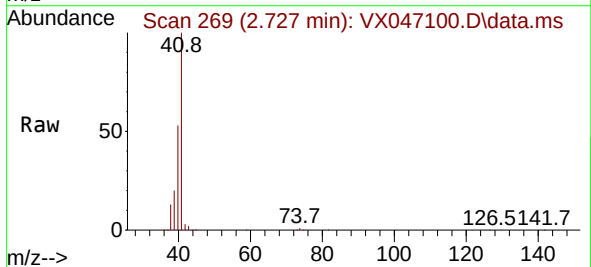
Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

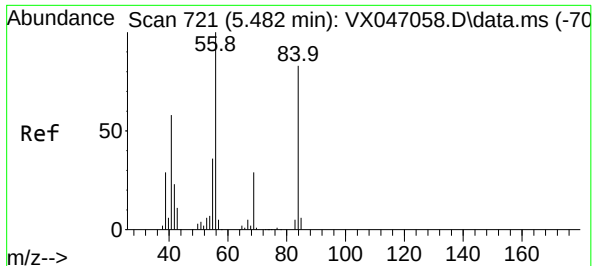
Tgt Ion: 76 Resp: 7900
Ion Ratio Lower Upper
76 100
78 12.0 7.0 10.4#



#18
Methyl Acetate
Concen: 5.189 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.012 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

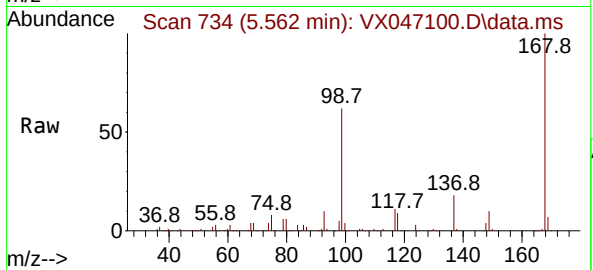
Tgt Ion: 43 Resp: 29559
Ion Ratio Lower Upper
43 100
74 22.0 17.7 26.5



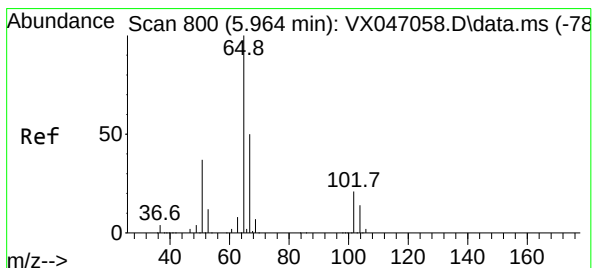
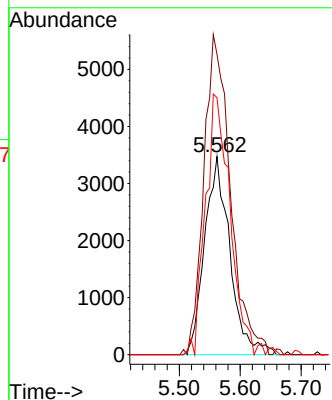
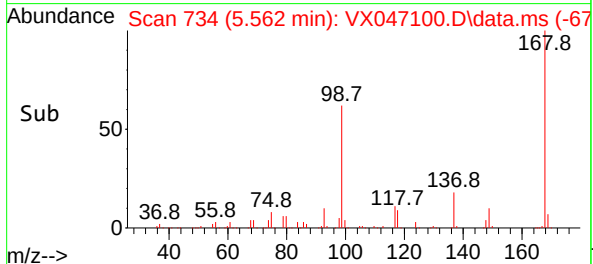


#31
Cyclohexane
Concen: 1.001 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

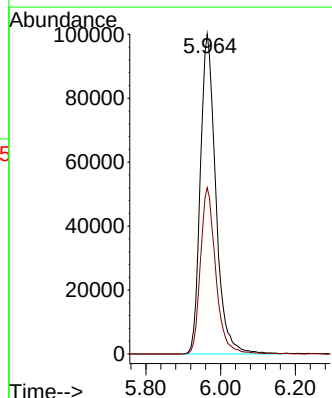
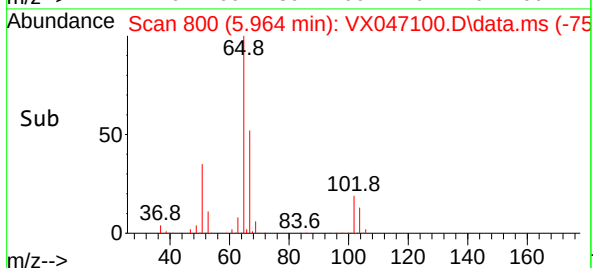
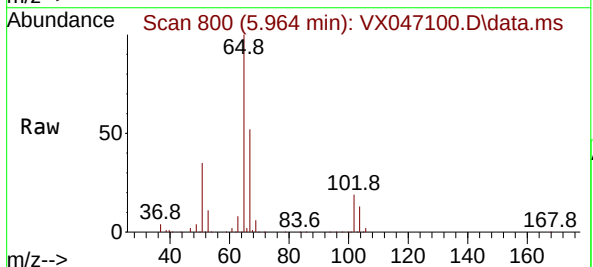


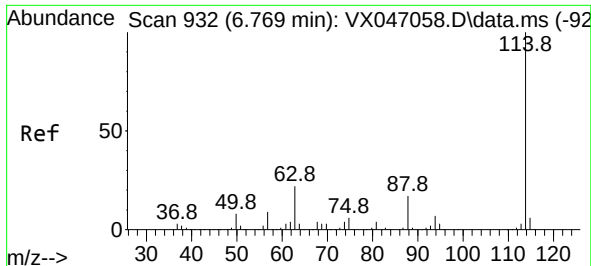
Tgt Ion: 56 Resp: 10015
Ion Ratio Lower Upper
56 100
69 151.6 23.3 34.9#
84 129.8 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 53.584 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

Tgt Ion: 65 Resp: 286697
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8

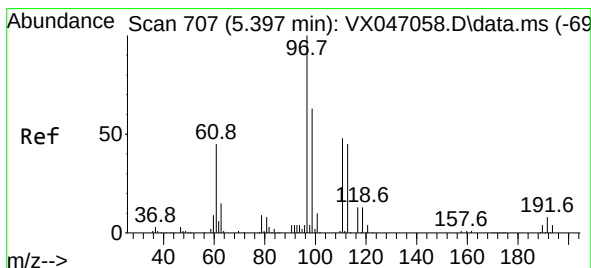
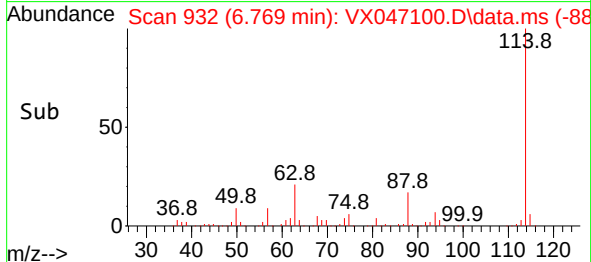
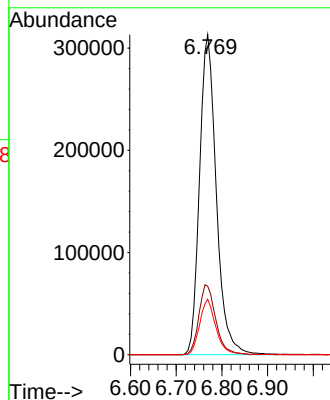
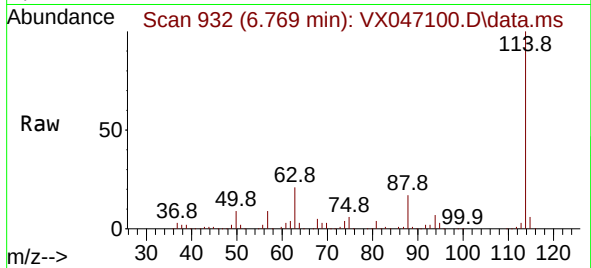




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

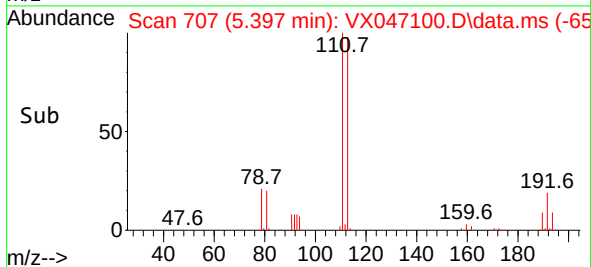
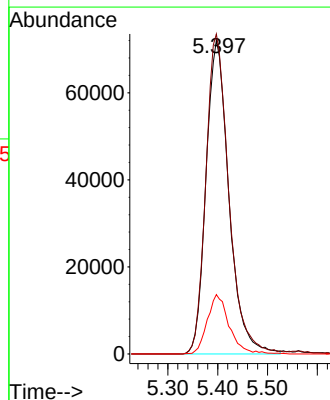
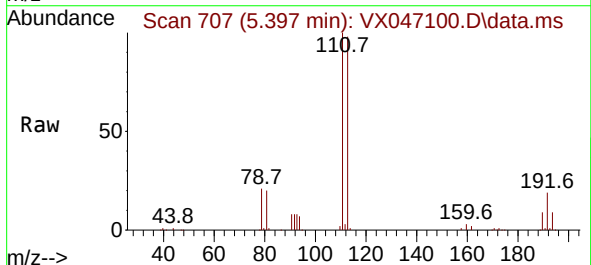
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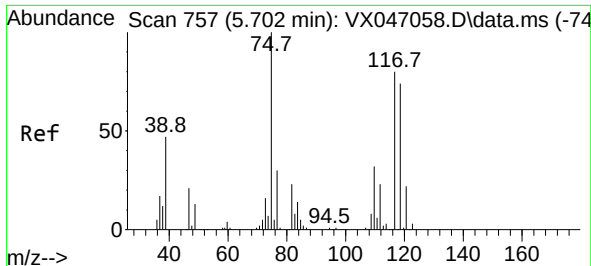
Tgt Ion:114 Resp: 796160
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.2
88 17.4 0.0 33.8



#35
Dibromofluoromethane
Concen: 46.768 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

Tgt Ion:113 Resp: 229898
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 18.2 14.9 22.3

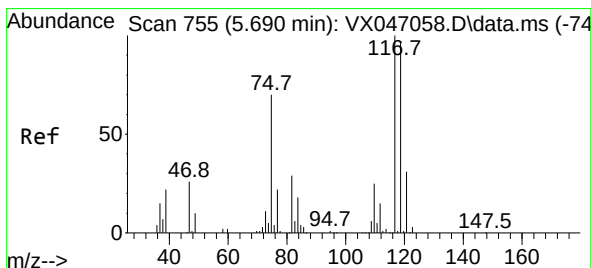
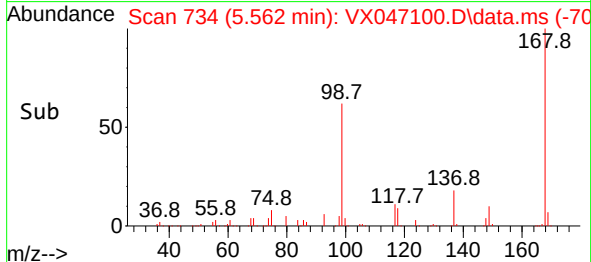
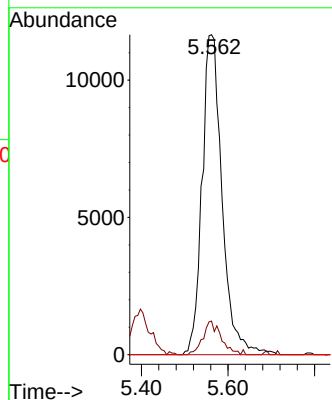
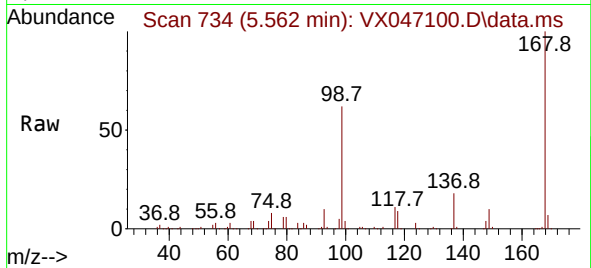




#36
1,1-Dichloropropene
Concen: 4.467 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

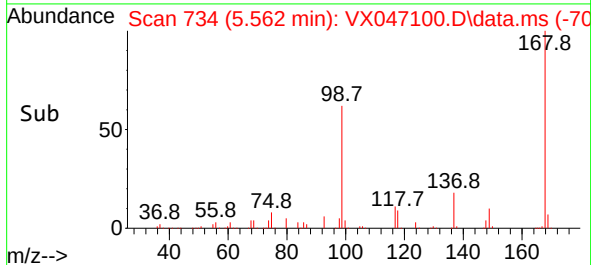
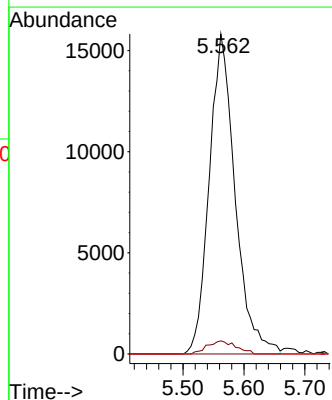
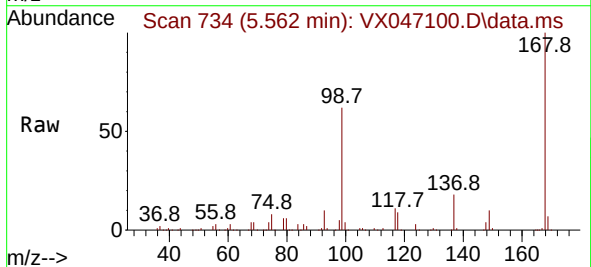
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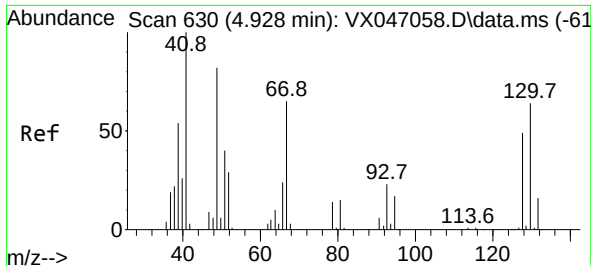
Tgt Ion: 75 Resp: 37429
Ion Ratio Lower Upper
75 100
110 9.5 17.2 51.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.216 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

Tgt Ion: 117 Resp: 46650
Ion Ratio Lower Upper
117 100
119 4.1 76.6 115.0#
121 0.0 24.4 36.6#

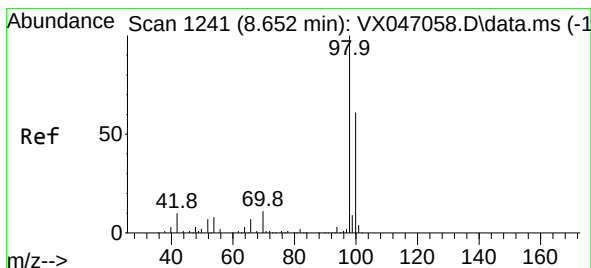
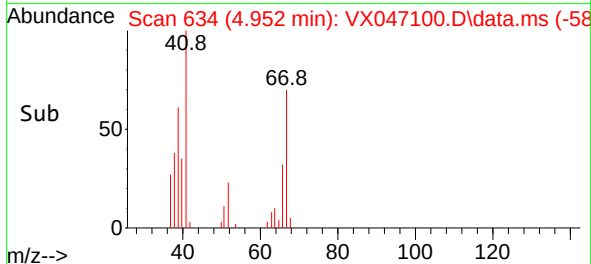
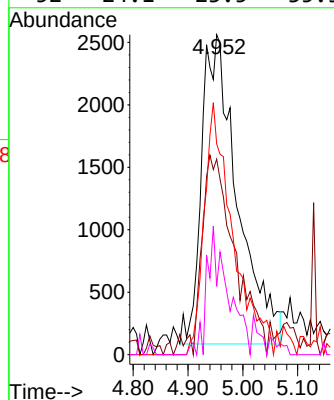
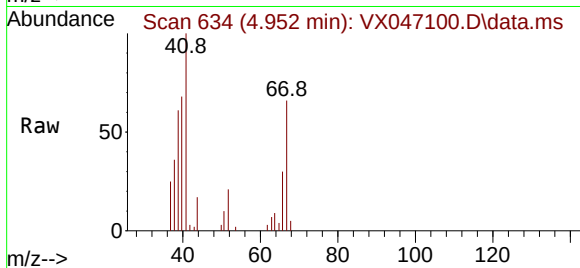




#41
Methacrylonitrile
Concen: 2.783 ug/l
RT: 4.952 min Scan# 61
Delta R.T. 0.025 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

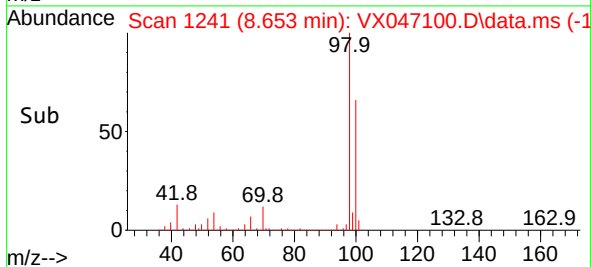
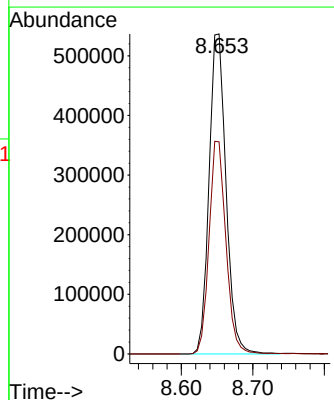
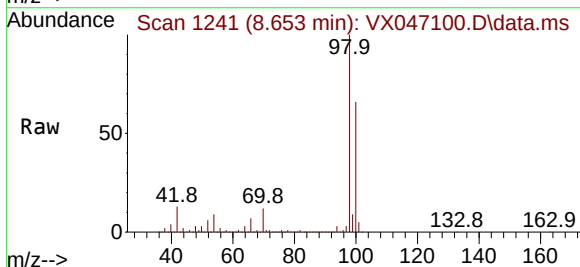
Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

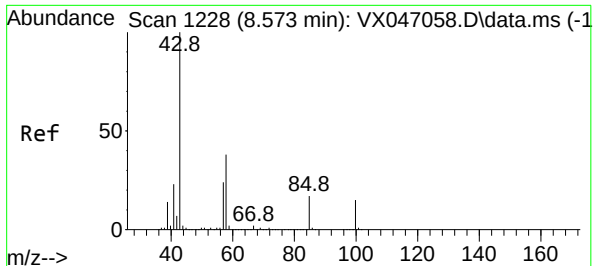
Tgt Ion:	41	Resp:	11237
Ion	Ratio	Lower	Upper
41	100		
39	58.5	44.2	66.2
67	64.8	56.4	84.6
52	24.1	23.5	35.3



#50
Toluene-d8
Concen: 55.661 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

Tgt Ion:	98	Resp:	886100
Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.3	79.9

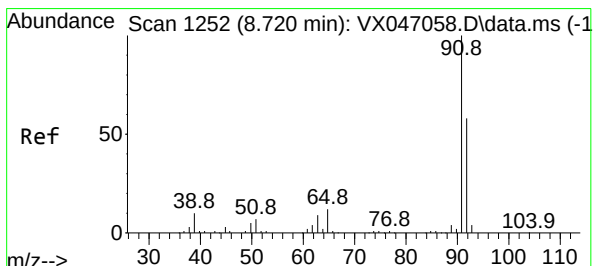
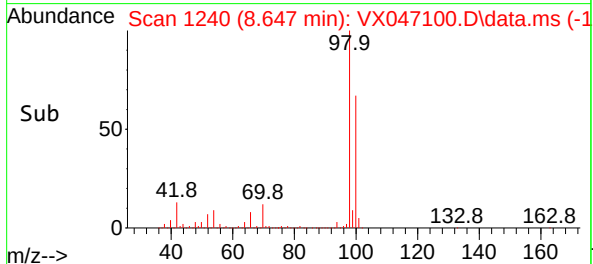
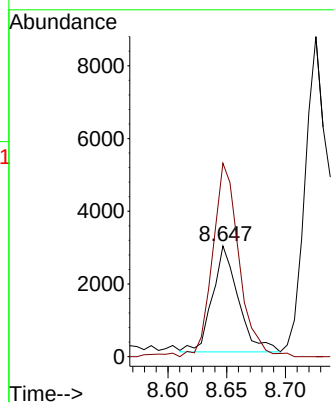
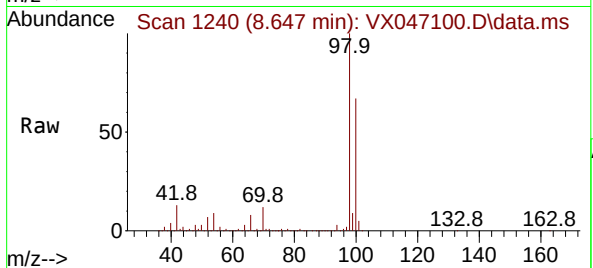




#51
4-Methyl-2-Pentanone
Concen: 0.627 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

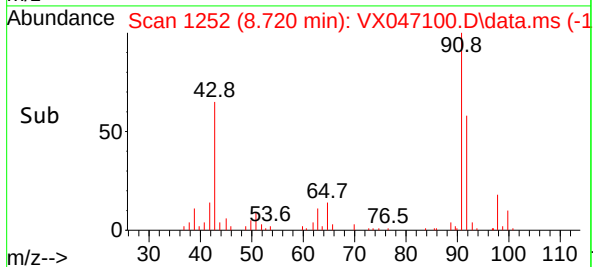
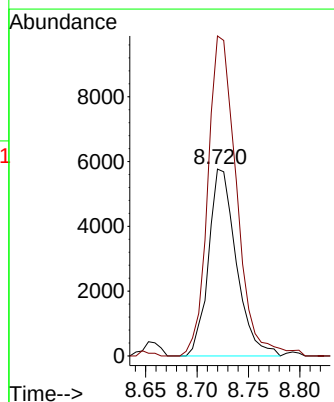
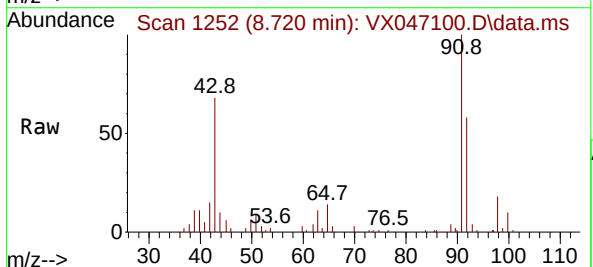
Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

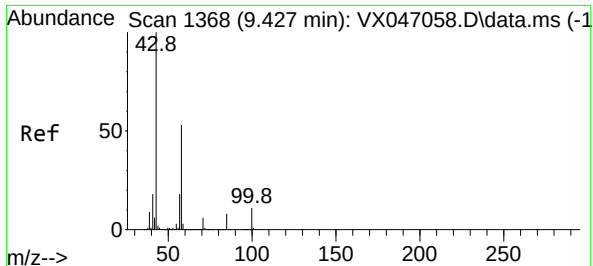
Tgt Ion: 43 Resp: 4483
Ion Ratio Lower Upper
43 100
58 185.3 30.6 45.8#



#52
Toluene
Concen: 0.726 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

Tgt Ion: 92 Resp: 10832
Ion Ratio Lower Upper
92 100
91 177.3 137.9 206.9

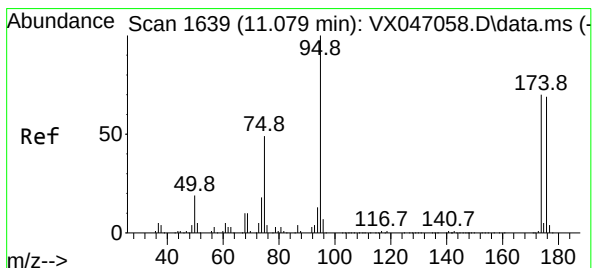
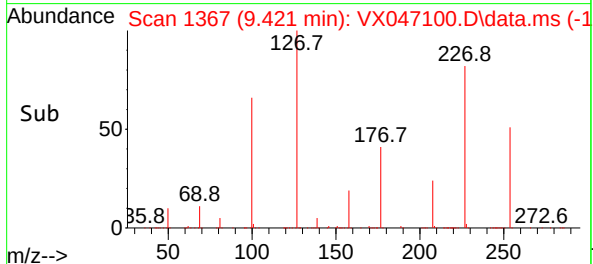
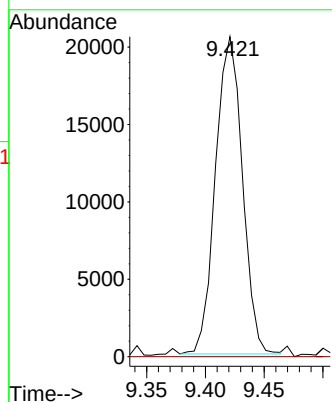
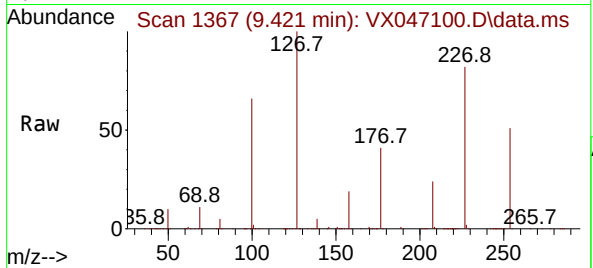




#59
2-Hexanone
Concen: 6.903 ug/l
RT: 9.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

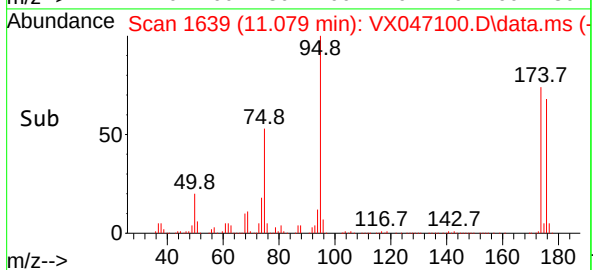
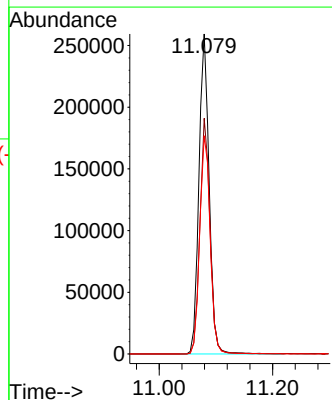
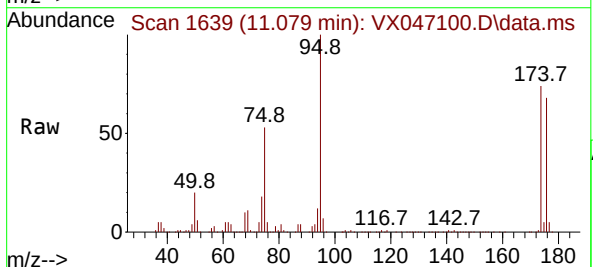
Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

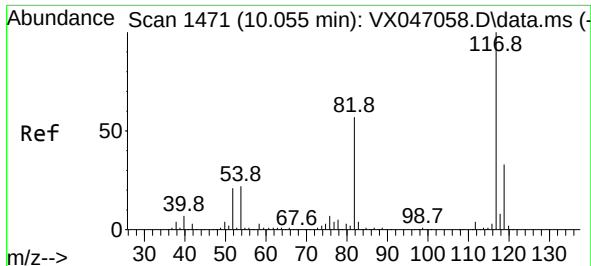
Tgt Ion: 43 Resp: 32631
Ion Ratio Lower Upper
43 100
58 0.0 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: 47.134 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

Tgt Ion: 95 Resp: 323357
Ion Ratio Lower Upper
95 100
174 73.0 0.0 144.6
176 69.8 0.0 139.6

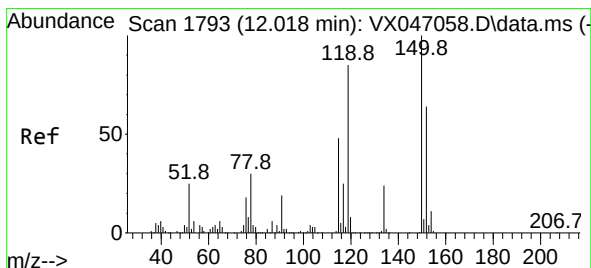
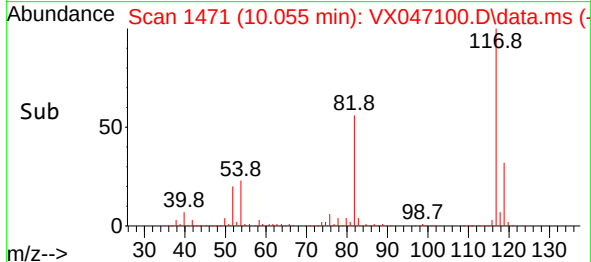
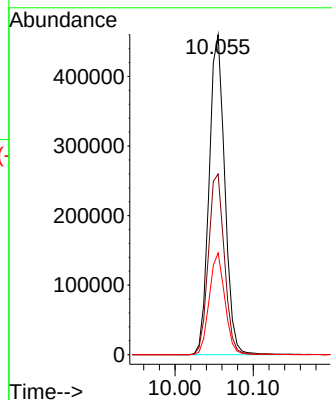
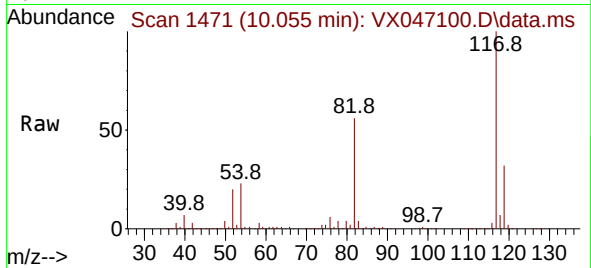




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

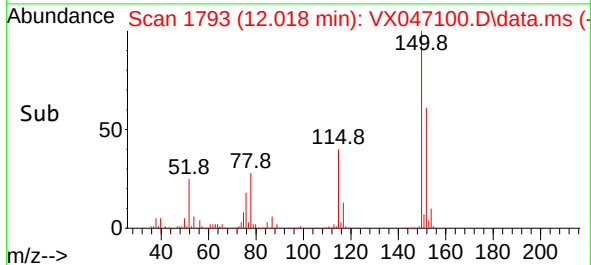
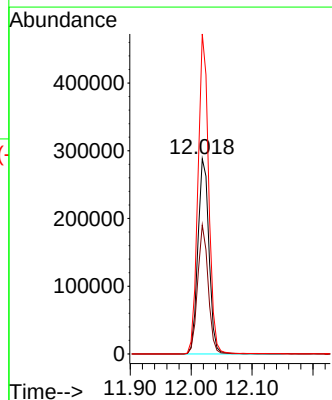
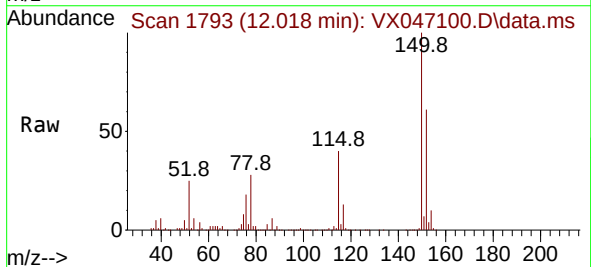
Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

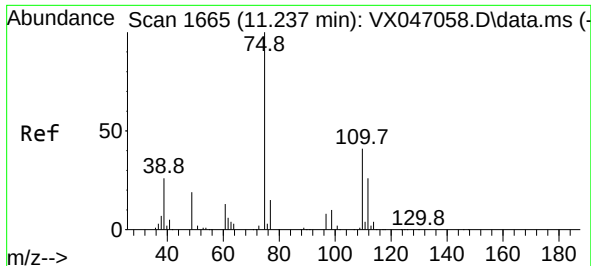
Tgt Ion:117 Resp: 637113
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.2
119 31.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

Tgt Ion:152 Resp: 363347
Ion Ratio Lower Upper
152 100
115 62.9 45.6 136.7
150 158.7 0.0 354.6

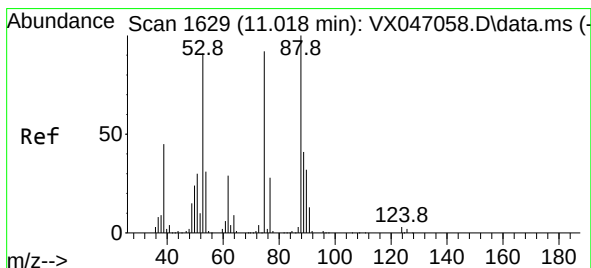
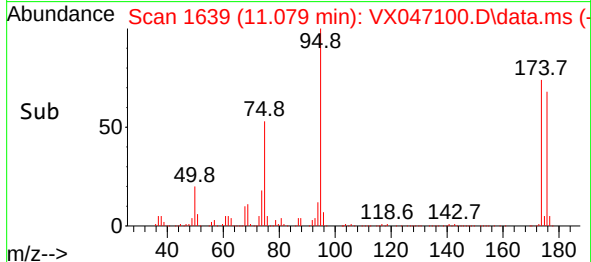
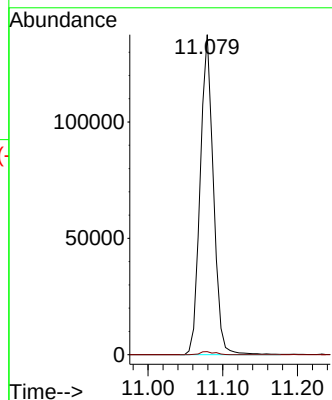
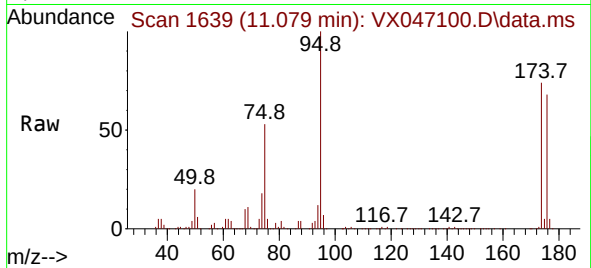




#76
1,2,3-Trichloropropane
Concen: 25.101 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

Instrument :
MSVOA_X
ClientSampleId :
CC0627-CLOXPL

Tgt Ion: 75 Resp: 168811
Ion Ratio Lower Upper
75 100
77 1.1 21.6 65.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.669 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047100.D
Acq: 23 Jul 2025 18:18

Tgt Ion: 75 Resp: 168811
Ion Ratio Lower Upper
75 100
53 0.0 84.2 126.4#
89 0.0 36.0 54.0#

