

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
 Data File : VX046963.D
 Acq On : 14 Jul 2025 11:18
 Operator : JC/MD
 Sample : VX0714WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBL01

Quant Time: Jul 15 01:14:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

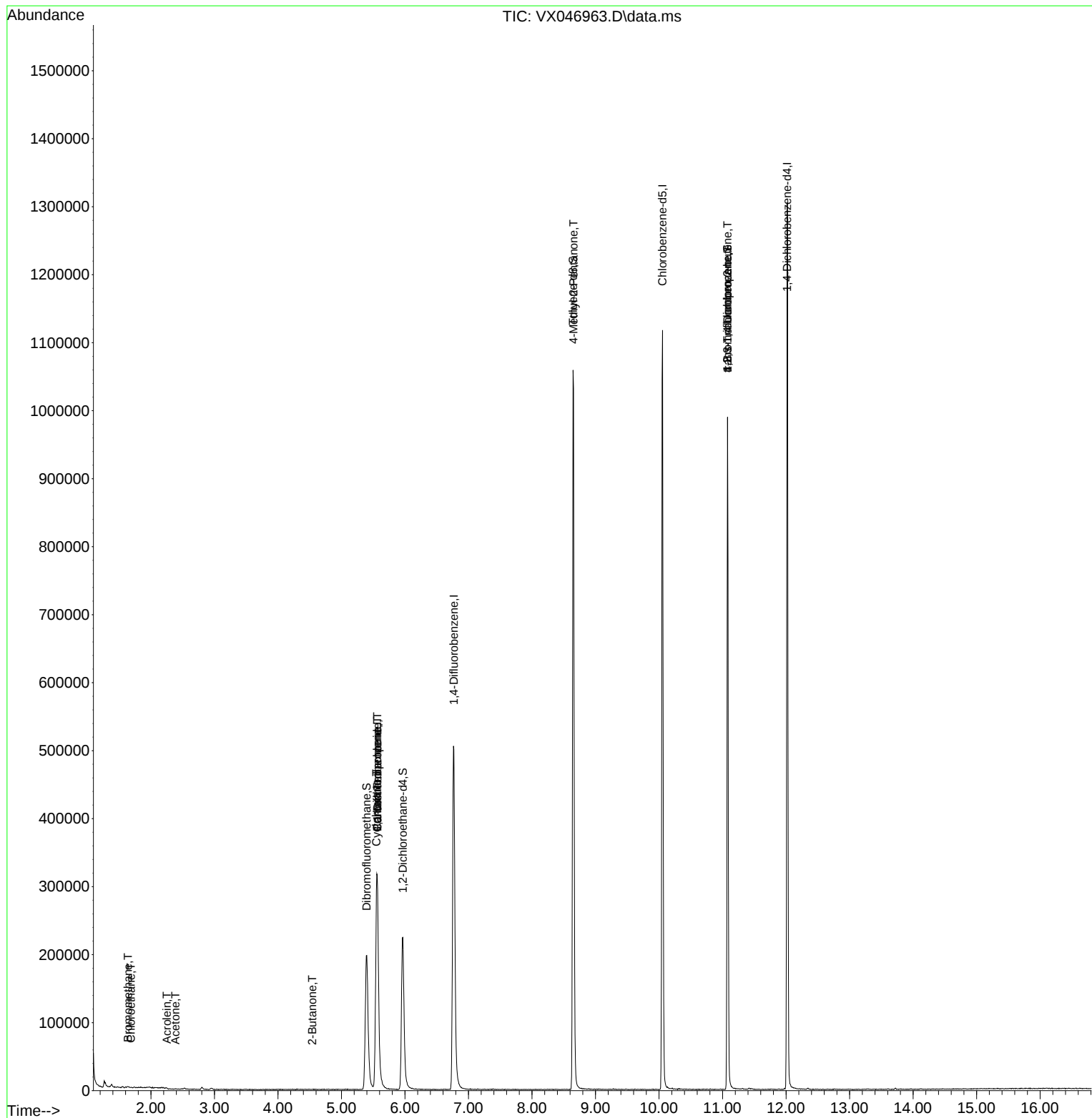
Internal Standards						
1) Pentafluorobenzene	5.562	168	330854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	558126	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	513014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	263407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	236008	53.995	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 108.000%		
35) Dibromofluoromethane	5.397	113	192755	50.878	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.760%		
50) Toluene-d8	8.646	98	650923	48.697	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.400%		
62) 4-Bromofluorobenzene	11.079	95	265134	52.190	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.380%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.635	94	829	0.343	ug/l #	61
6) Chloroethane	1.684	64	1186	0.477	ug/l #	42
13) Acrolein	2.251	56	69	3.050	ug/l #	63
16) Acetone	2.385	43	631	0.465	ug/l #	42
25) 2-Butanone	4.537	43	512	0.283	ug/l #	50
31) Cyclohexane	5.549	56	7047	1.128	ug/l #	3
36) 1,1-Dichloropropene	5.562	75	26275	5.140	ug/l #	49
38) Carbon Tetrachloride	5.562	117	34925	6.463	ug/l #	16
51) 4-Methyl-2-Pentanone	8.652	43	3059	0.777	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	134799	33.120	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	134799	88.878	ug/l #	8

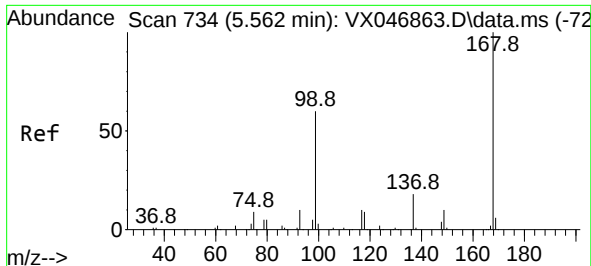
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071425\
Data File : VX046963.D
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MSVOA_X
ClientSampleId :
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Quant Time: Jul 15 01:14:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

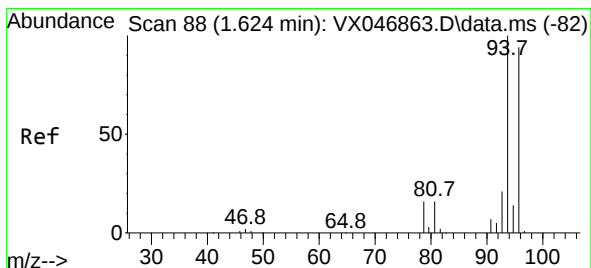
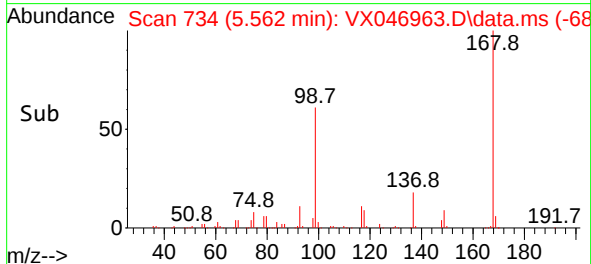
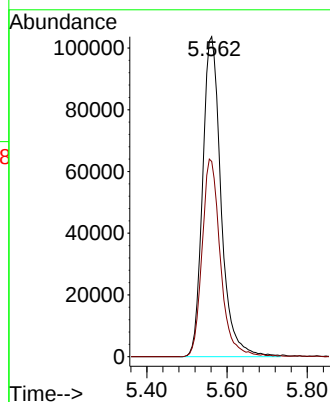
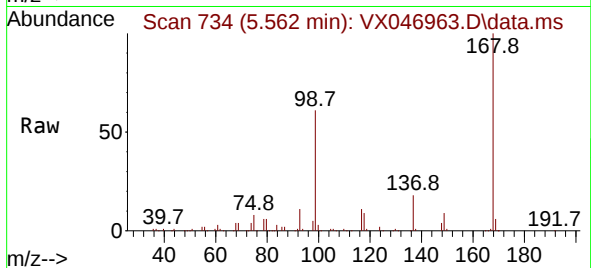




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

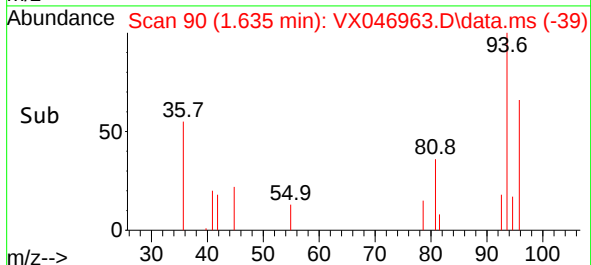
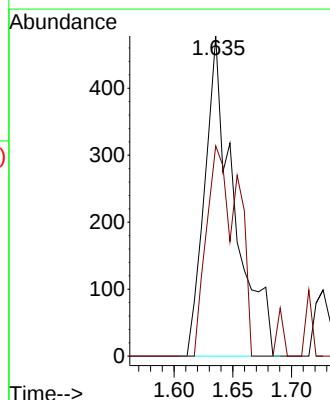
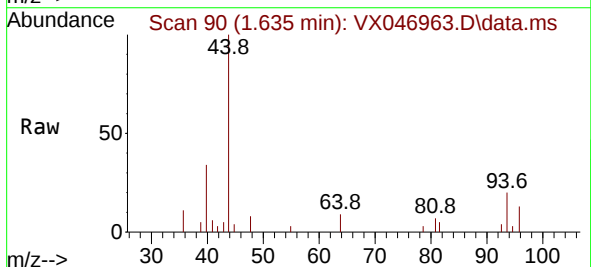
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

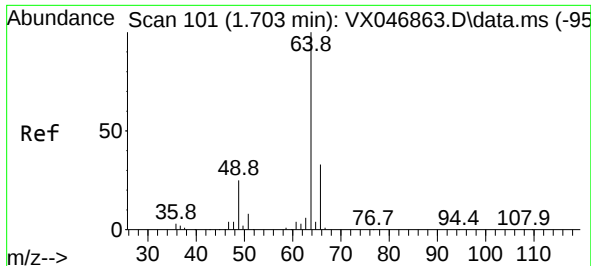
Tgt Ion:168 Resp: 330854
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2



#5
Bromomethane
Concen: 0.343 ug/l
RT: 1.635 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Tgt Ion: 94 Resp: 829
Ion Ratio Lower Upper
94 100
96 56.3 75.5 113.3#

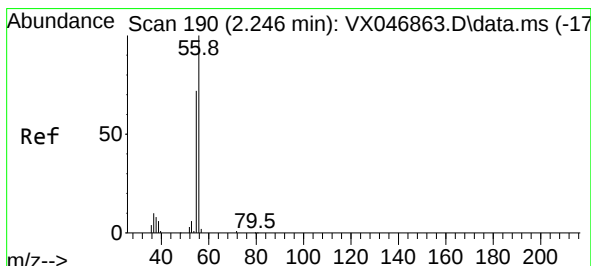
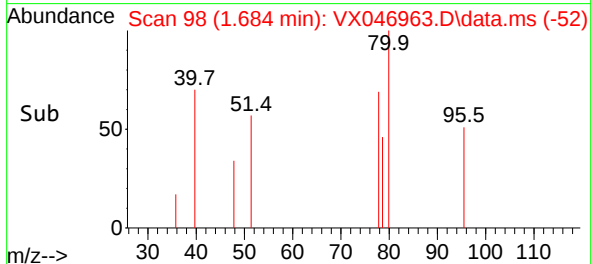
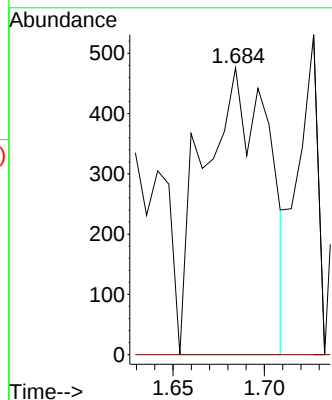
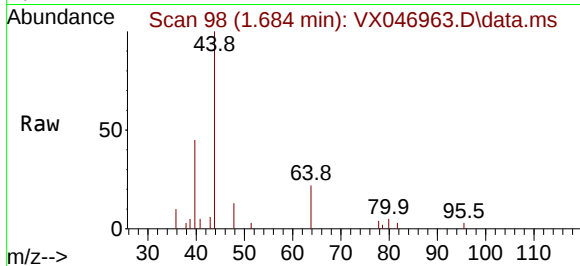




#6
Chloroethane
Concen: 0.477 ug/l
RT: 1.684 min Scan# 91
Delta R.T. -0.019 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

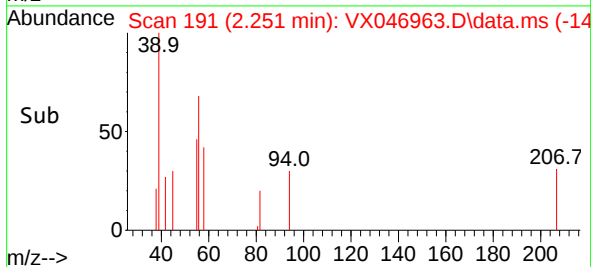
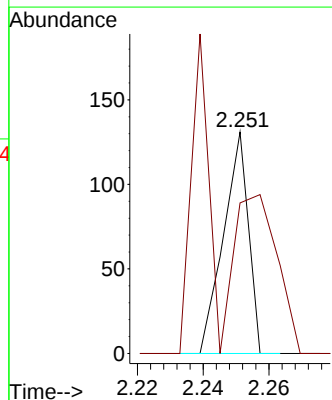
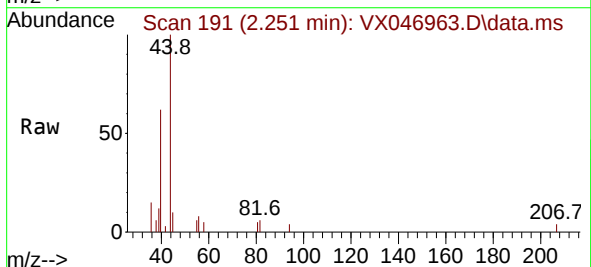
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

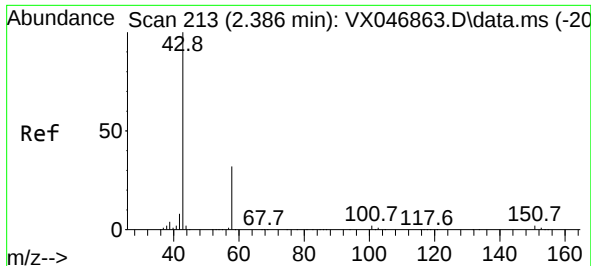
Tgt Ion: 64 Resp: 1186
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 3.050 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.005 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 100.0 55.5 83.3#

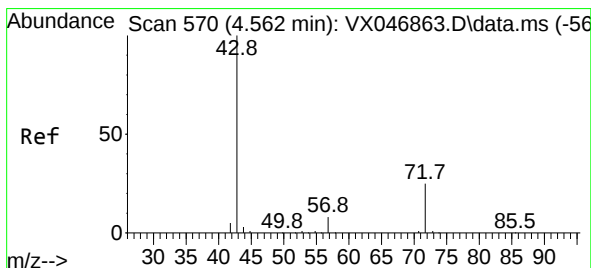
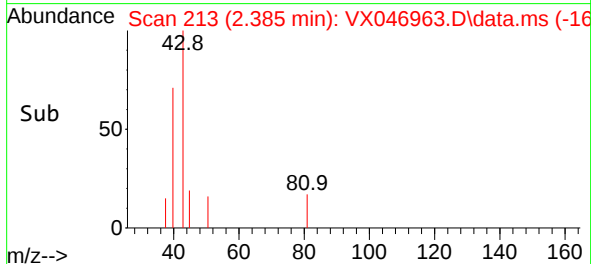
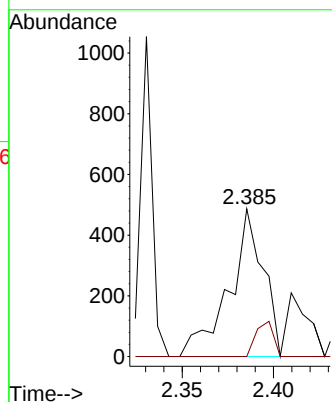
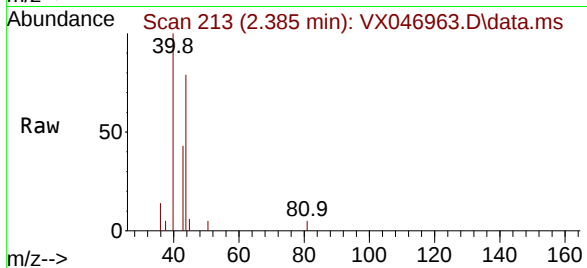




#16
Acetone
Concen: 0.465 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

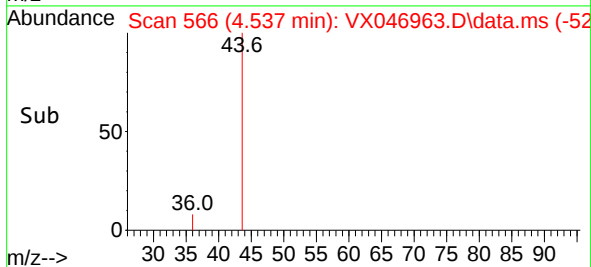
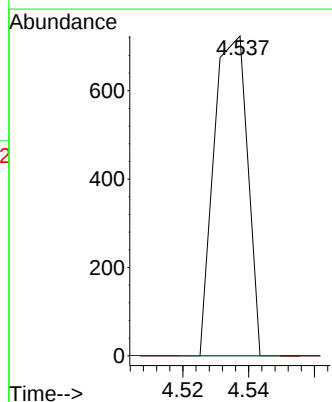
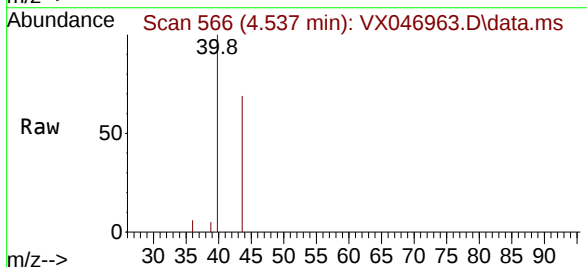
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

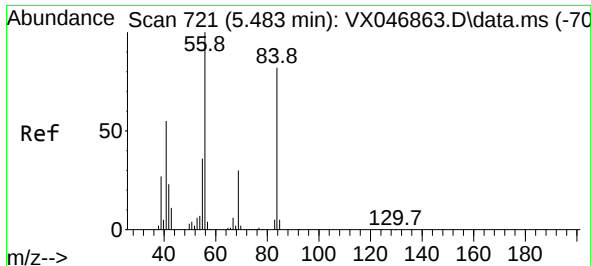
Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
58 0.0 25.8 38.6#



#25
2-Butanone
Concen: 0.283 ug/l
RT: 4.537 min Scan# 566
Delta R.T. -0.025 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
72 0.0 20.0 30.0#

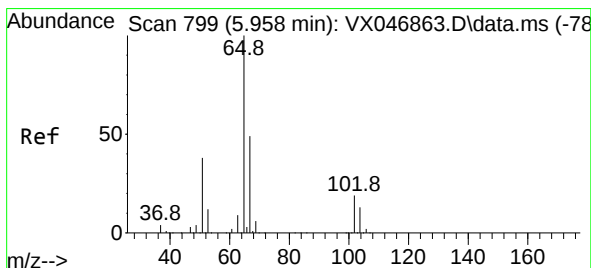
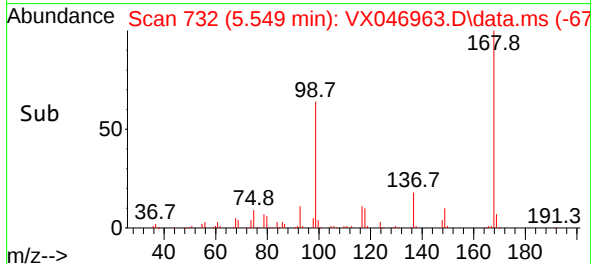
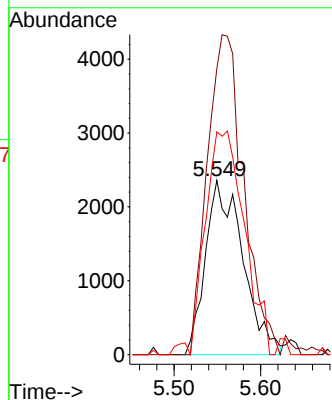
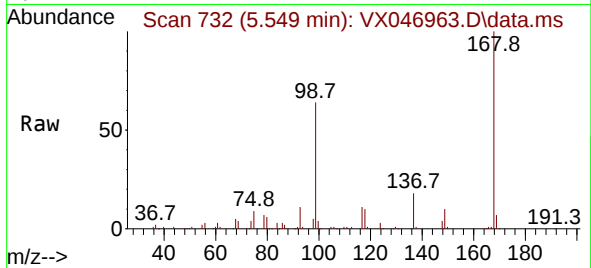




#31
Cyclohexane
Concen: 1.128 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

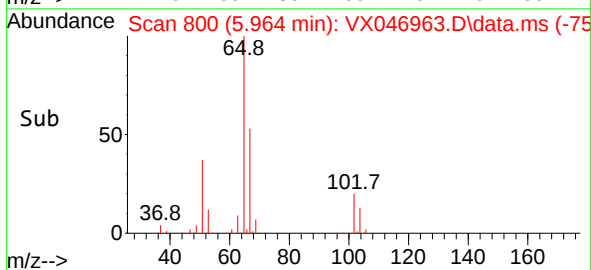
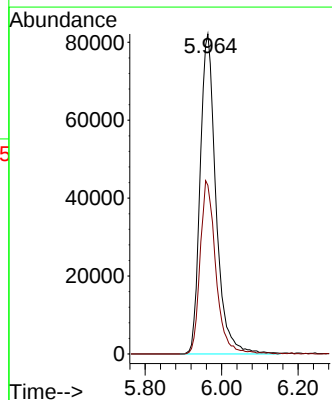
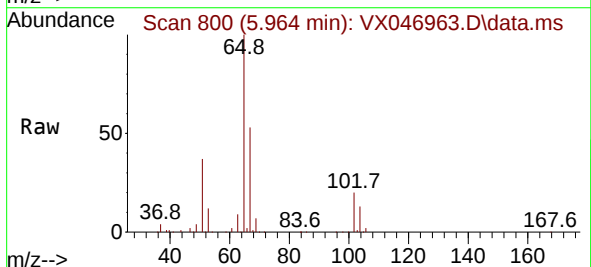
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

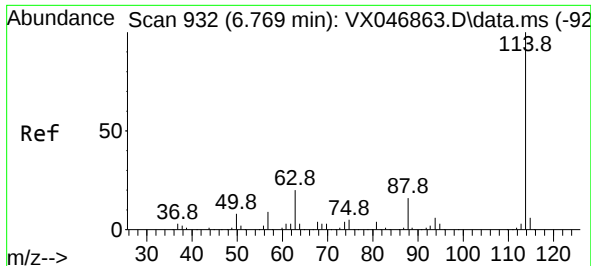
Tgt Ion: 56 Resp: 7047
Ion Ratio Lower Upper
56 100
69 164.2 24.0 36.0#
84 121.8 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 53.995 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Tgt Ion: 65 Resp: 236008
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.2

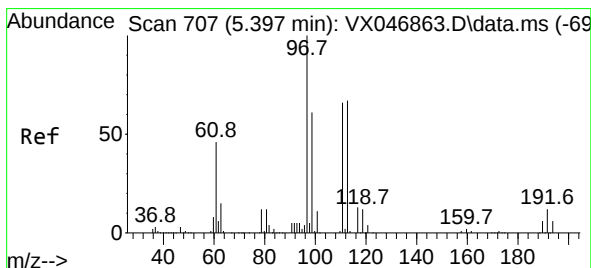
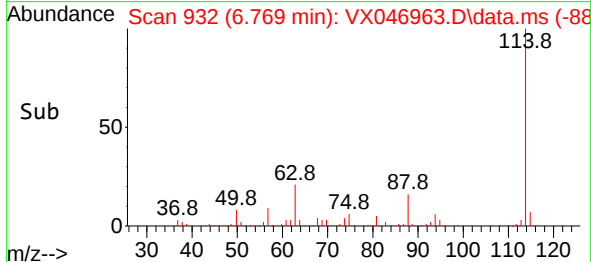
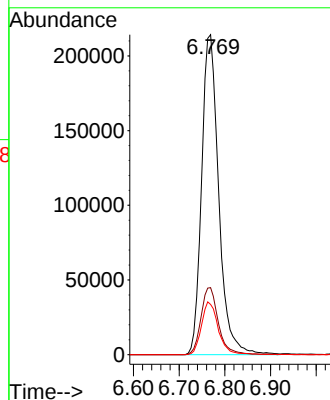
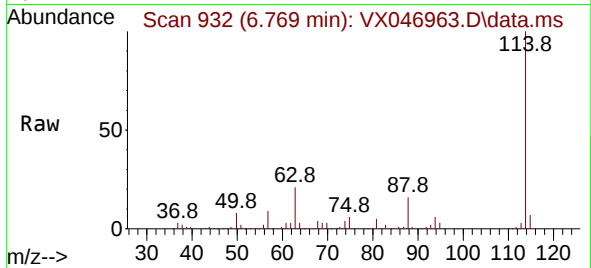




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

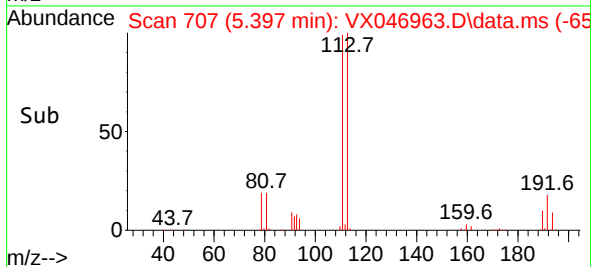
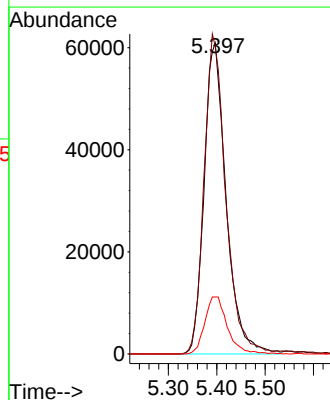
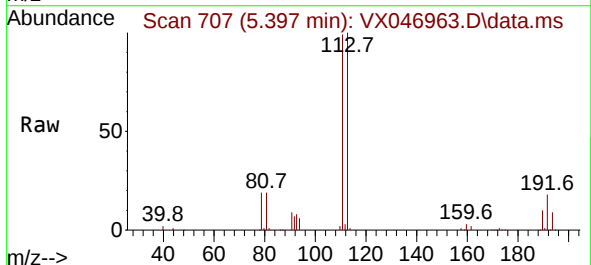
Instrument :
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ClientSampleId :
VX0714WBL01

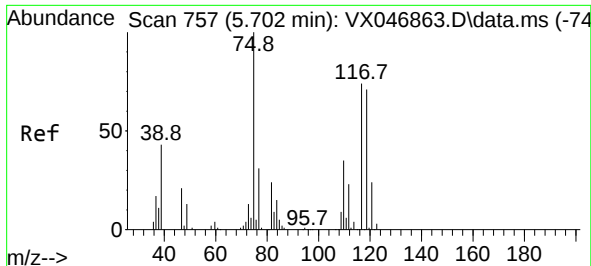
Tgt Ion:114 Resp: 558126
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.4
88 15.7 0.0 31.0



#35
Dibromofluoromethane
Concen: 50.878 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Tgt Ion:113 Resp: 192755
Ion Ratio Lower Upper
113 100
111 101.3 81.2 121.8
192 18.7 15.3 22.9

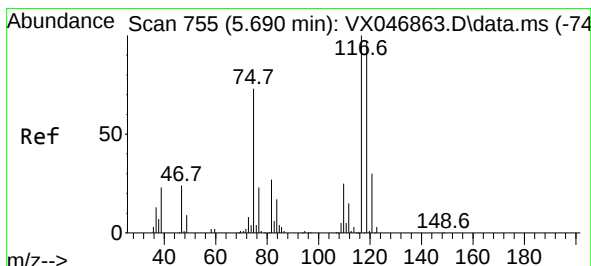
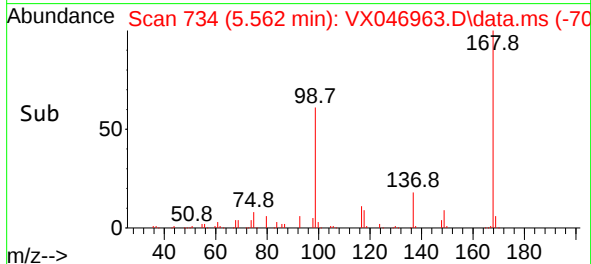
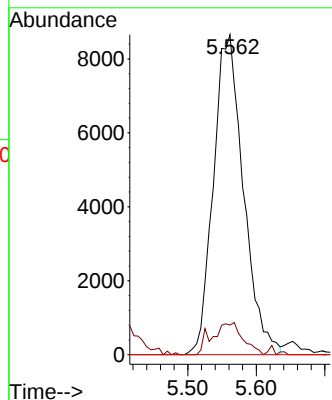
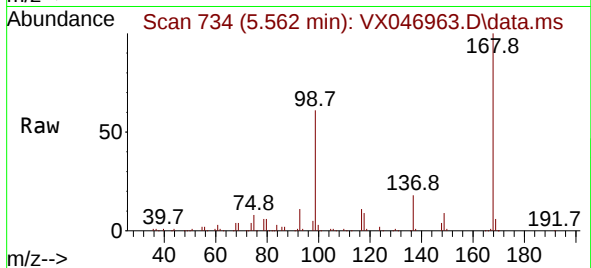




#36
1,1-Dichloropropene
Concen: 5.140 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.141 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

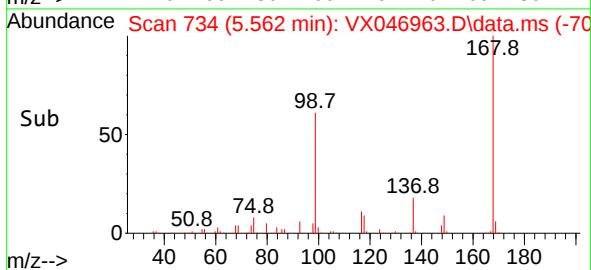
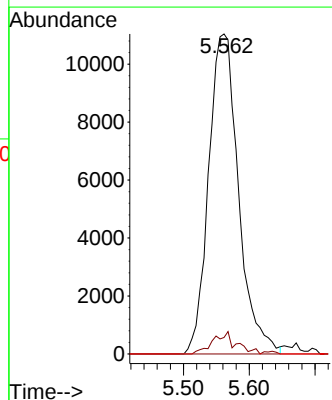
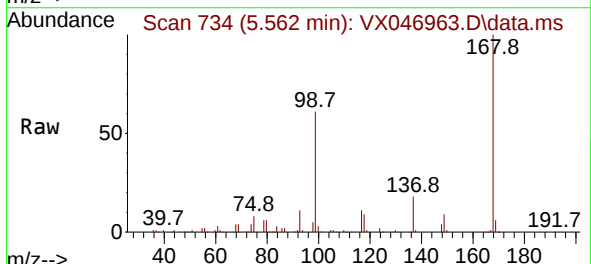
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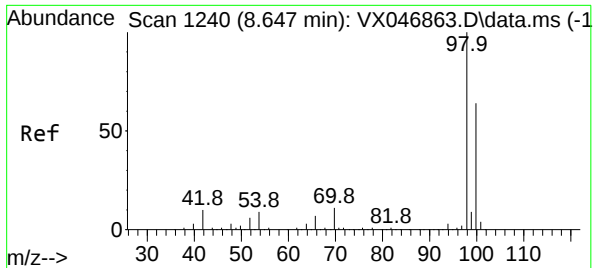
Tgt Ion: 75 Resp: 26275
Ion Ratio Lower Upper
75 100
110 7.2 17.3 51.9#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 6.463 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Tgt Ion: 117 Resp: 34925
Ion Ratio Lower Upper
117 100
119 5.2 76.6 114.8#
121 0.0 24.1 36.1#

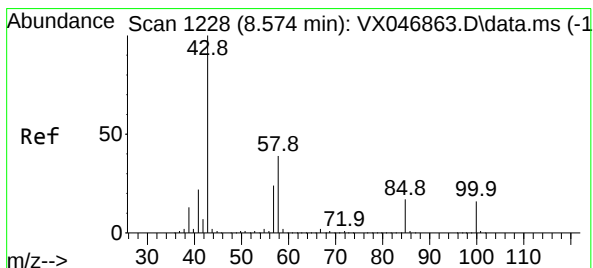
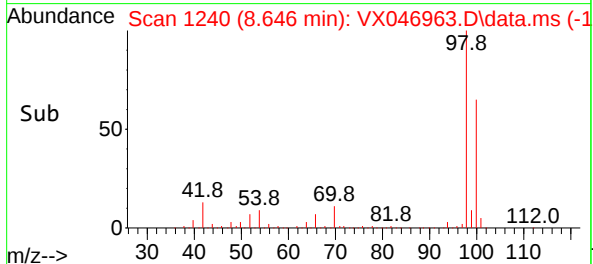
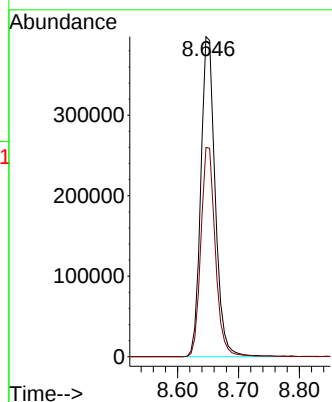
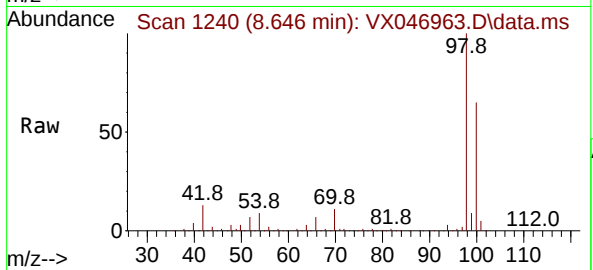




#50
Toluene-d8
Concen: 48.697 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

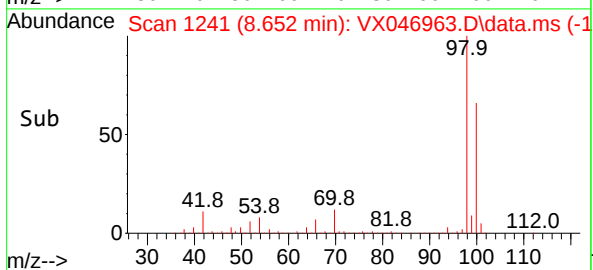
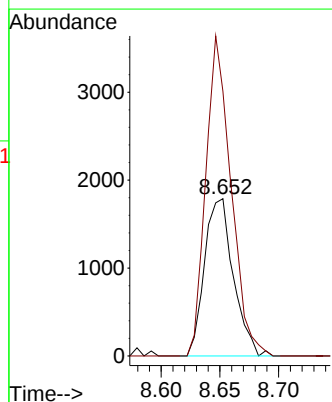
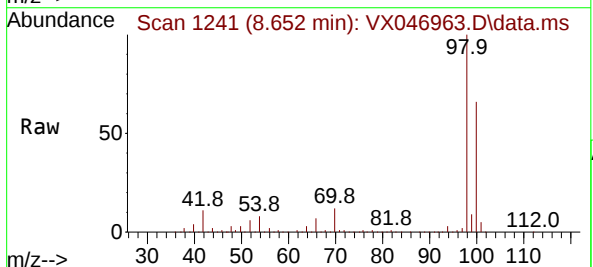
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

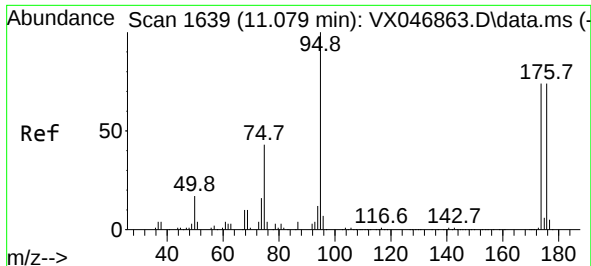
Tgt Ion: 98 Resp: 650923
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.777 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Tgt Ion: 43 Resp: 3059
Ion Ratio Lower Upper
43 100
58 177.8 30.4 45.6#

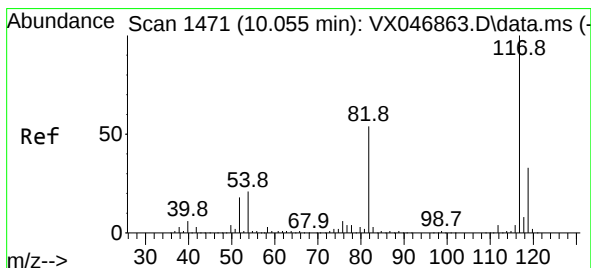
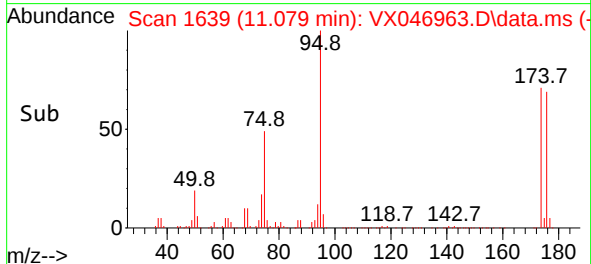
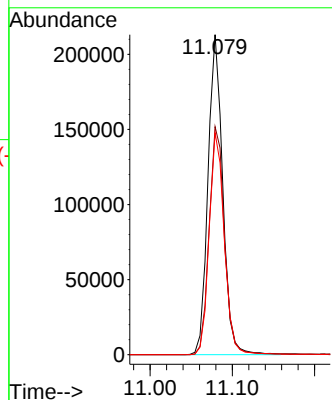
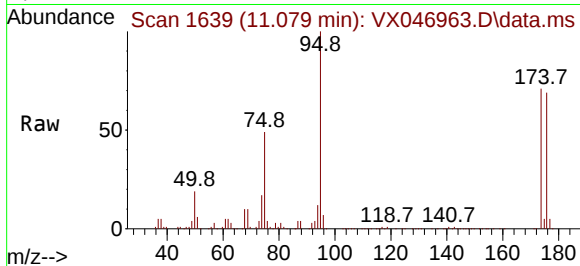




#62
4-Bromofluorobenzene
Concen: 52.190 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

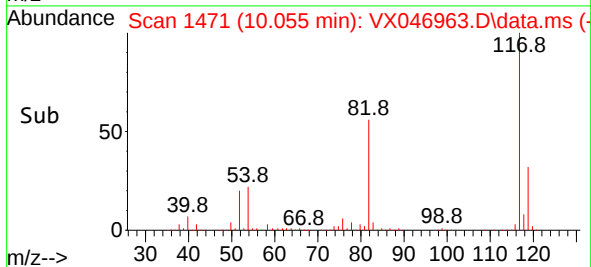
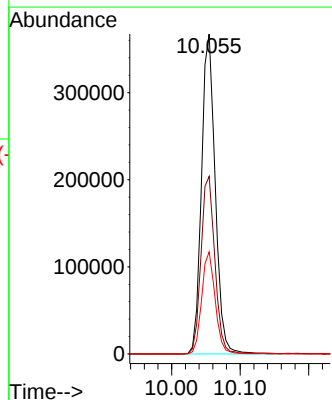
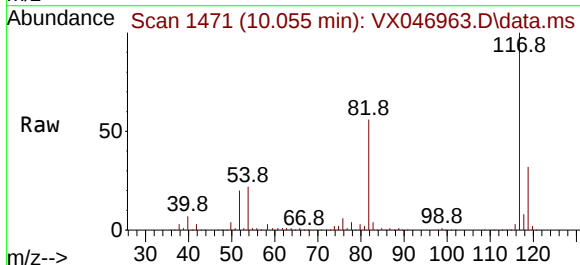
Instrument :
MSVOA_X
ClientSampleId :
VX0714WBL01

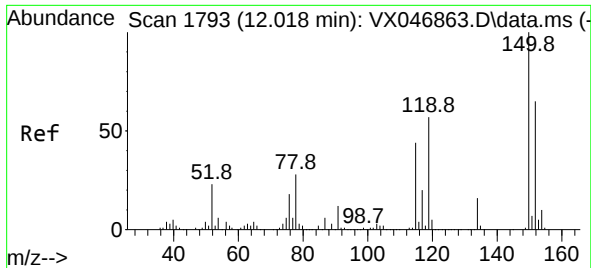
Tgt Ion: 95 Resp: 265134
Ion Ratio Lower Upper
95 100
174 74.3 0.0 152.0
176 71.2 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046963.D
Acq: 14 Jul 2025 11:18

Tgt Ion: 117 Resp: 513014
Ion Ratio Lower Upper
117 100
82 55.5 43.3 64.9
119 31.9 26.4 39.6

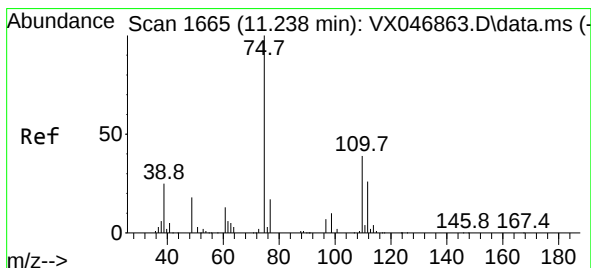
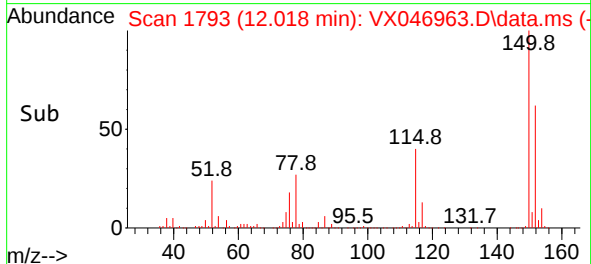
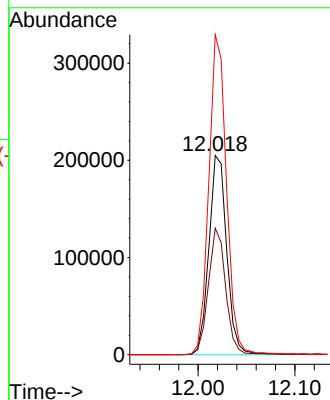
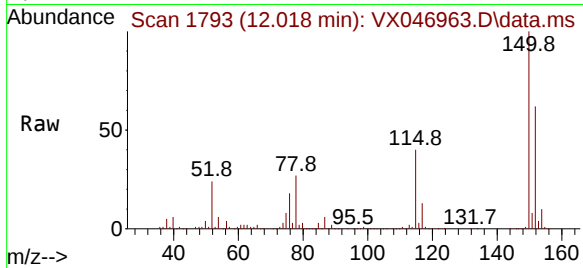




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX046963.D
 Acq: 14 Jul 2025 11:18

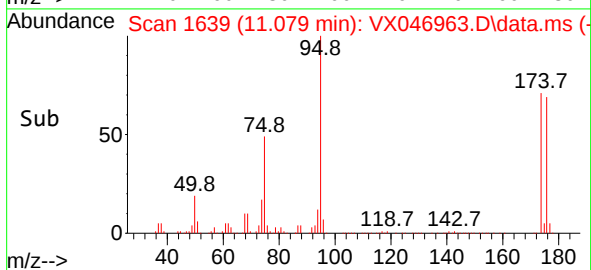
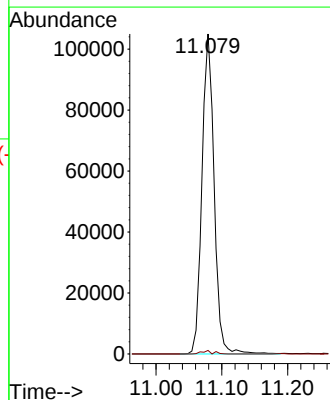
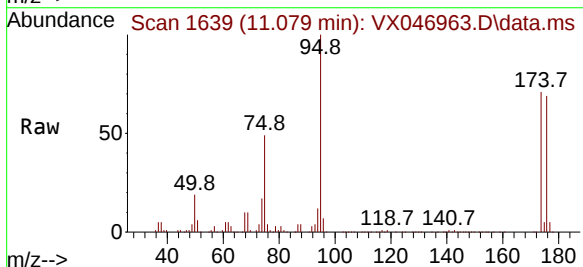
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBL01

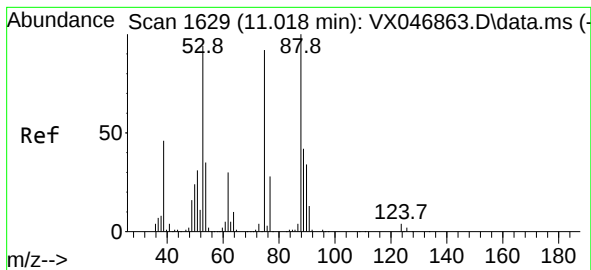
Tgt Ion:152 Resp: 263407
 Ion Ratio Lower Upper
 152 100
 115 62.3 42.4 127.1
 150 159.5 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 33.120 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046963.D
 Acq: 14 Jul 2025 11:18

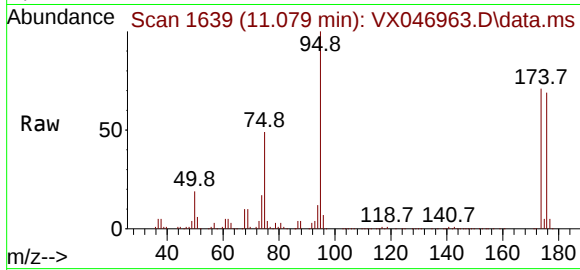
Tgt Ion: 75 Resp: 134799
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.6 61.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.878 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046963.D
 Acq: 14 Jul 2025 11:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0714WBL01



Tgt Ion: 75 Resp: 134799
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.7 125.5#
 89 0.0 38.2 57.2#

