

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047218.D
 Acq On : 04 Aug 2025 10:37
 Operator : JC/MD
 Sample : VX0804WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBL01

Quant Time: Aug 05 02:54:25 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)

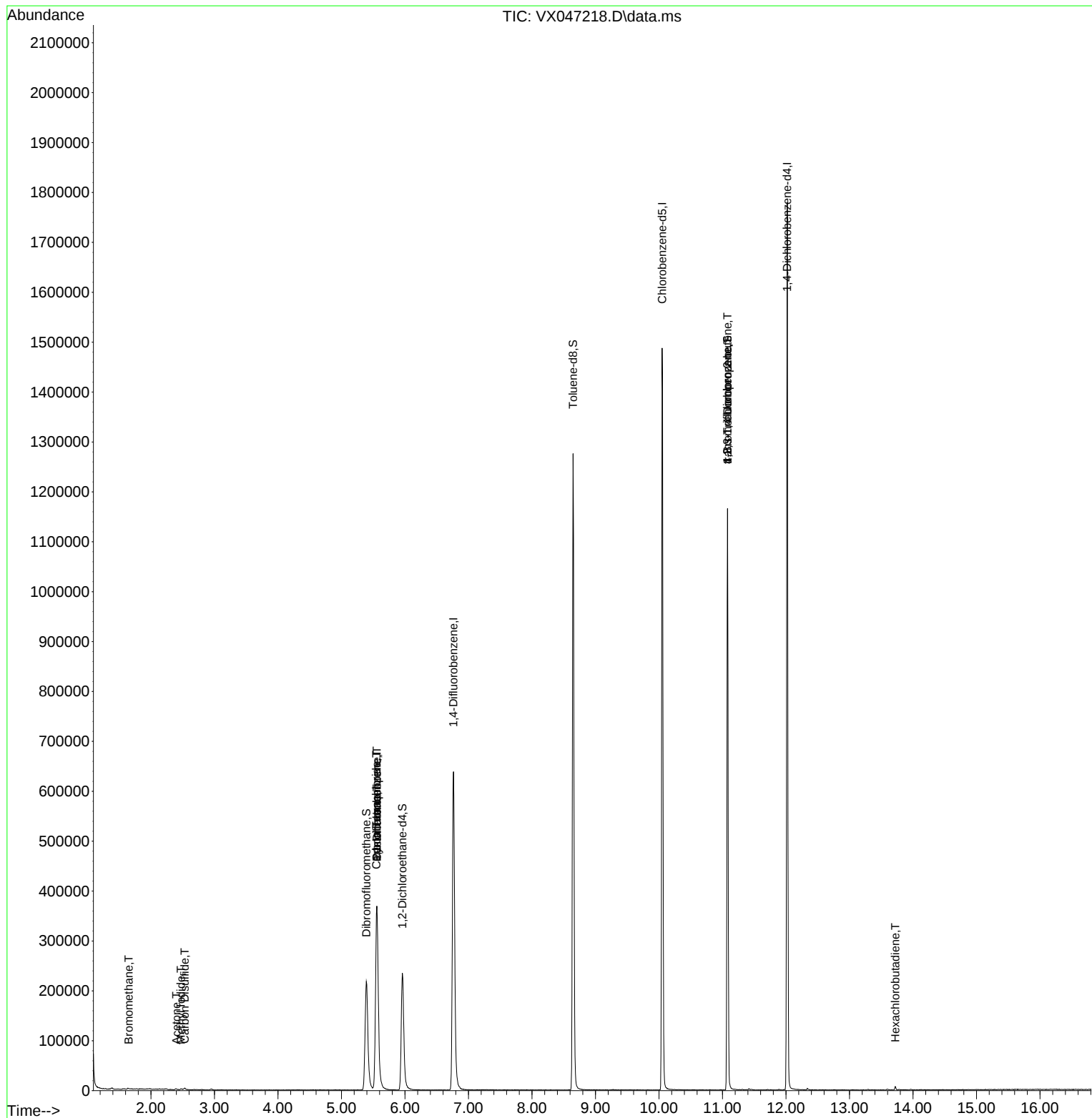
Internal Standards						
1) Pentafluorobenzene	5.556	168	365562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	684835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	656222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	335604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	250060	54.913	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.820%			
35) Dibromofluoromethane	5.391	113	210230	49.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.440%			
50) Toluene-d8	8.647	98	746150	54.489	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.980%			
62) 4-Bromofluorobenzene	11.079	95	315122	53.400	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.800%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.648	94	879	0.313	ug/l #	66
10) Methyl Iodide	2.471	142	3371	0.713	ug/l	94
11) Tert butyl alcohol	3.111	59	28	Below Cal	#	72
16) Acetone	2.398	43	2615	1.433	ug/l #	45
17) Carbon Disulfide	2.532	76	3712	0.279	ug/l #	95
31) Cyclohexane	5.556	56	8331	0.979	ug/l #	8
36) 1,1-Dichloropropene	5.556	75	31105	4.316	ug/l #	50
38) Carbon Tetrachloride	5.550	117	38996	5.069	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	164307	26.450	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	164307	68.147	ug/l #	8
94) Hexachlorobutadiene	13.719	225	1005	0.388	ug/l	95

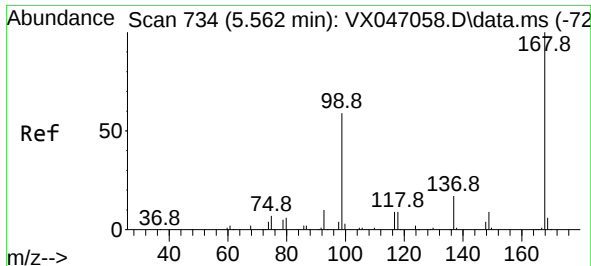
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
Data File : VX047218.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

Quant Time: Aug 05 02:54:25 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

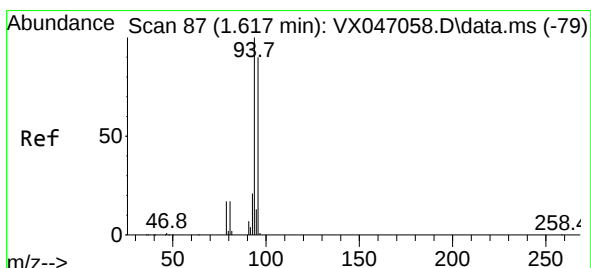
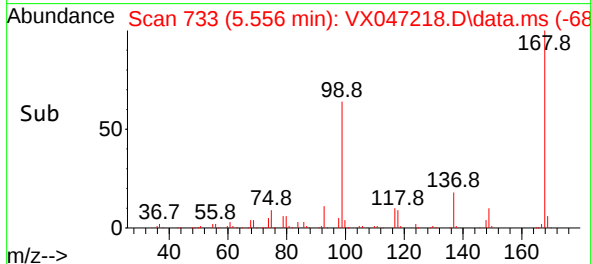
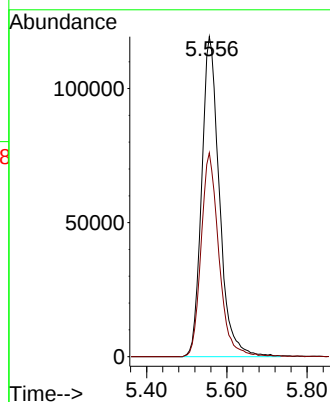
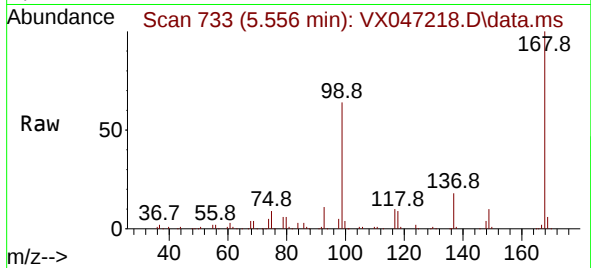




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

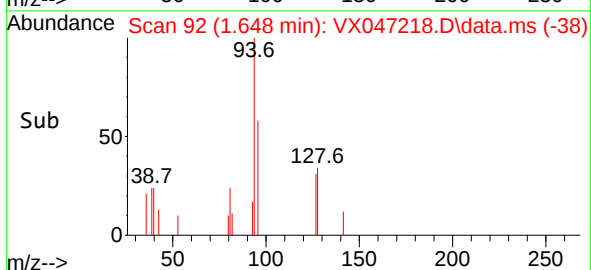
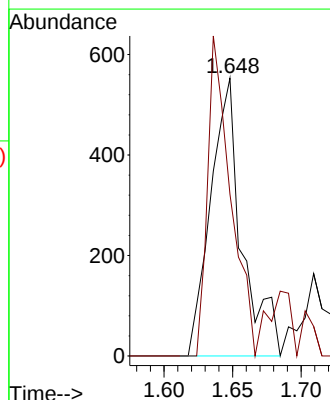
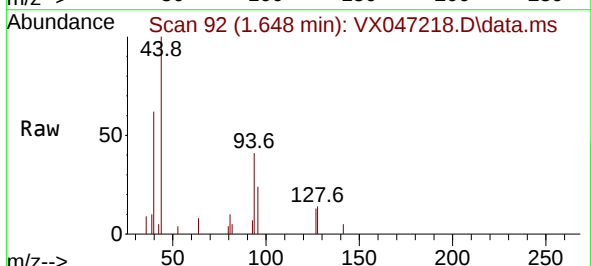
Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

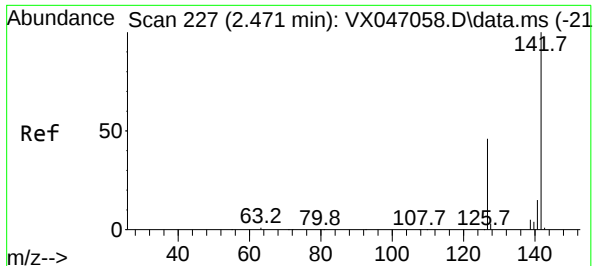
Tgt Ion:168 Resp: 365562
Ion Ratio Lower Upper
168 100
99 63.7 48.0 72.0



#5
Bromomethane
Concen: 0.313 ug/l
RT: 1.648 min Scan# 92
Delta R.T. 0.031 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

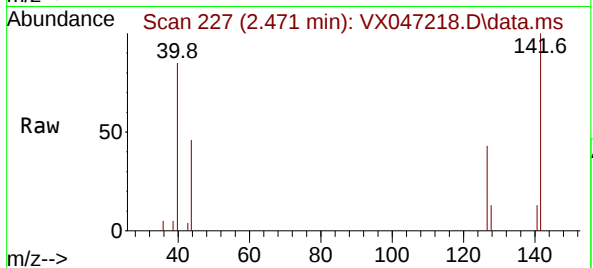
Tgt Ion: 94 Resp: 879
Ion Ratio Lower Upper
94 100
96 58.2 72.3 108.5#



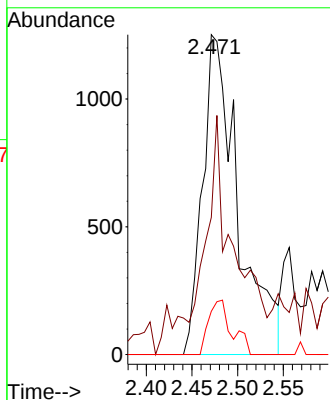
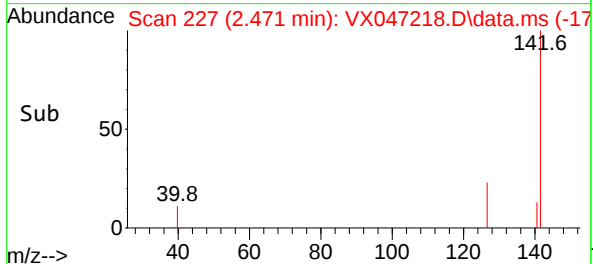


#10
Methyl Iodide
Concen: 0.713 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

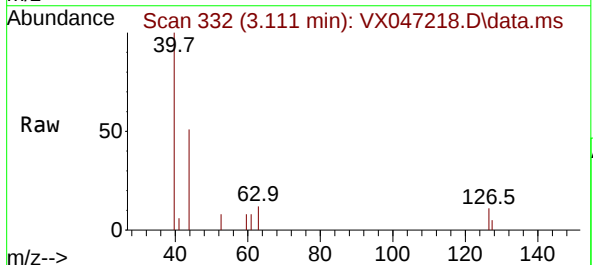
Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01



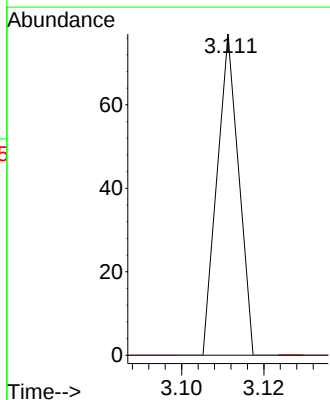
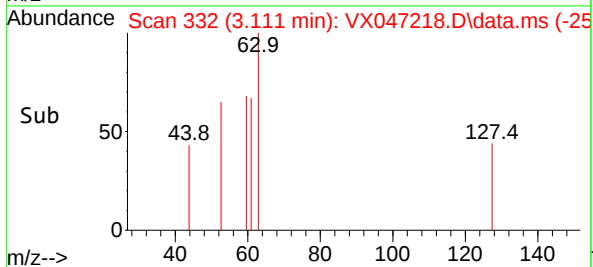
Tgt Ion:142 Resp: 3371
Ion Ratio Lower Upper
142 100
127 42.0 36.6 54.8
141 11.0 10.9 16.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.111 min Scan# 332
Delta R.T. 0.153 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37



Tgt Ion: 59 Resp: 28
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

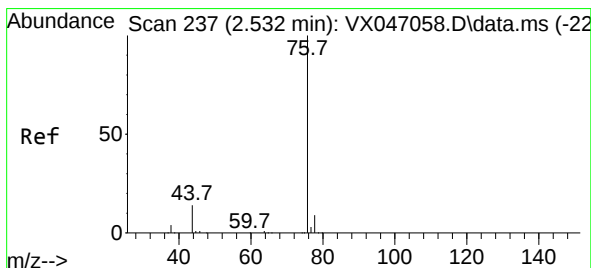
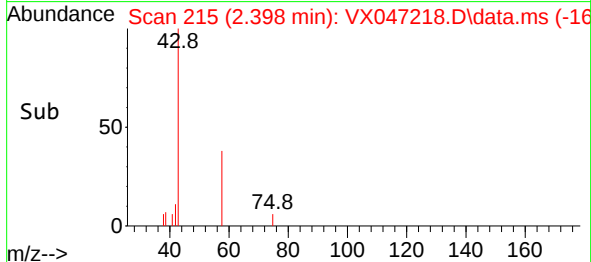
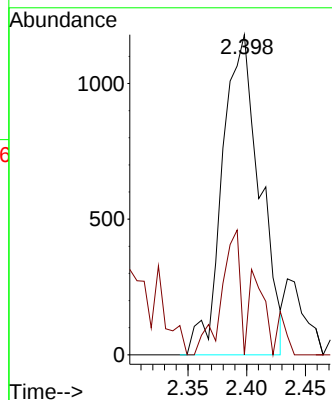
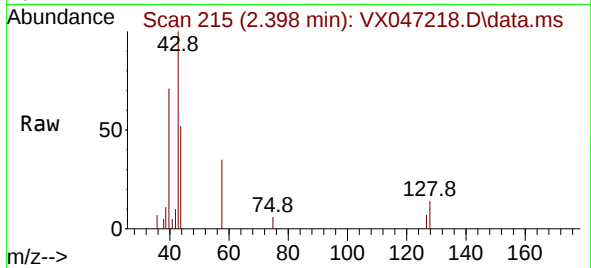




#16
Acetone
Concen: 1.433 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

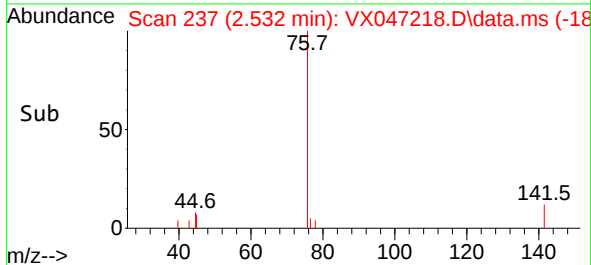
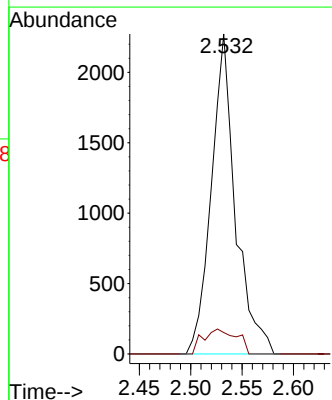
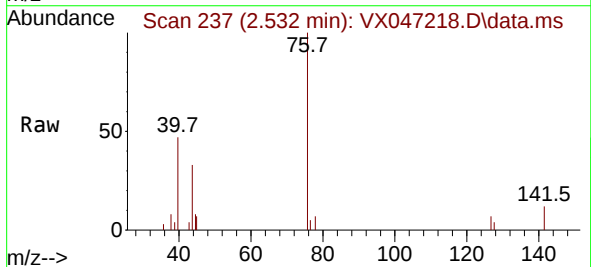
Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

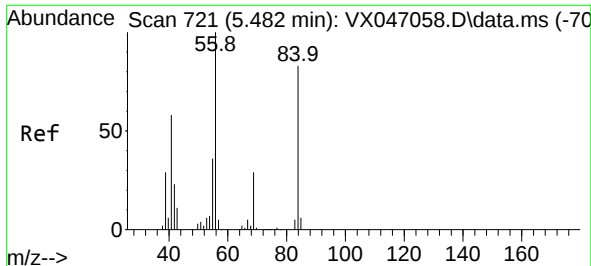
Tgt Ion: 43 Resp: 2615
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.279 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Tgt Ion: 76 Resp: 3712
Ion Ratio Lower Upper
76 100
78 6.7 7.0 10.4#

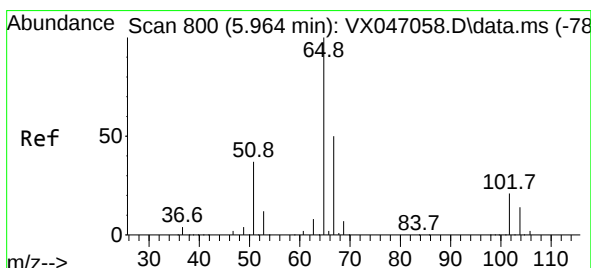
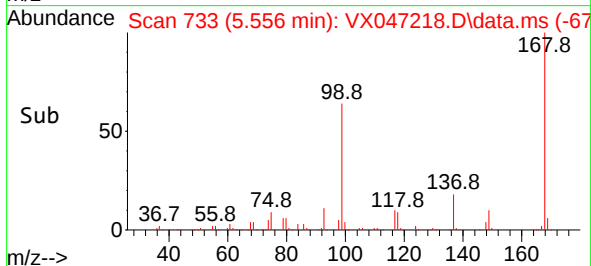
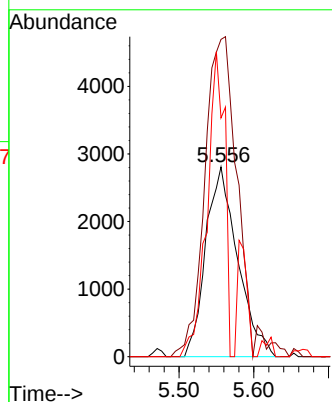
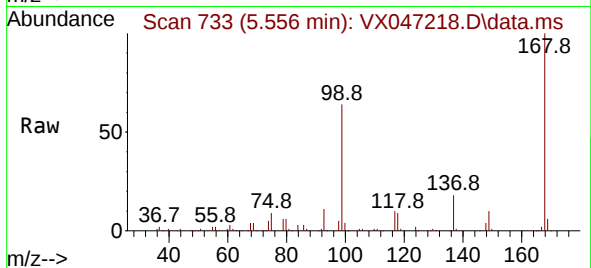




#31
Cyclohexane
Concen: 0.979 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.074 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

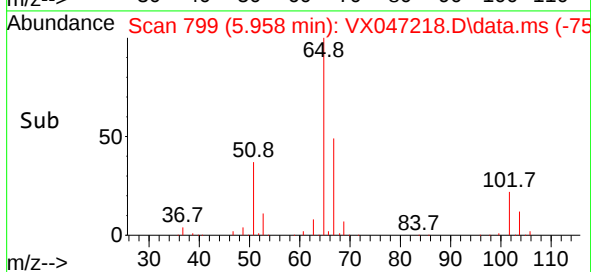
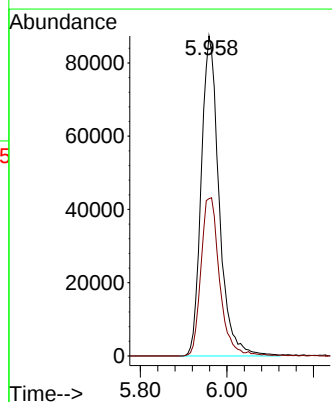
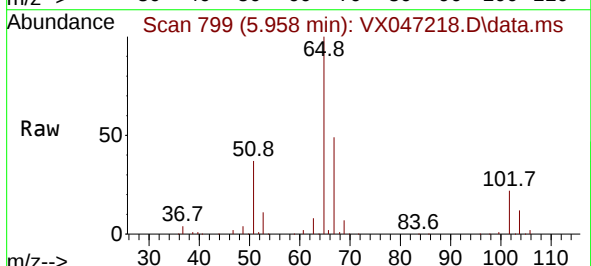
Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

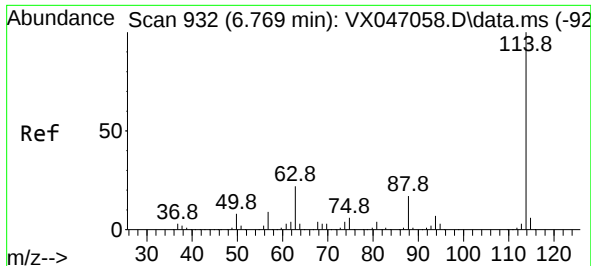
Tgt Ion: 56 Resp: 8331
Ion Ratio Lower Upper
56 100
69 155.6 23.3 34.9#
84 120.2 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 54.913 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Tgt Ion: 65 Resp: 250060
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8

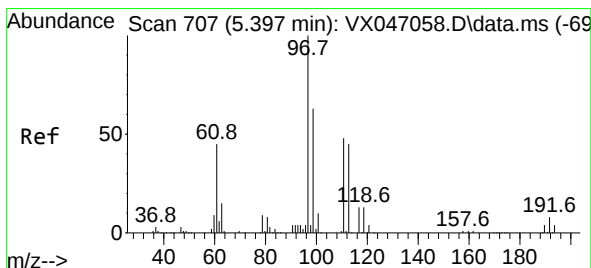
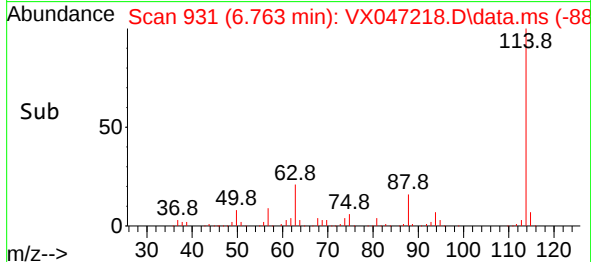
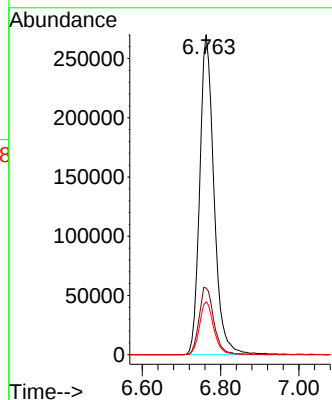
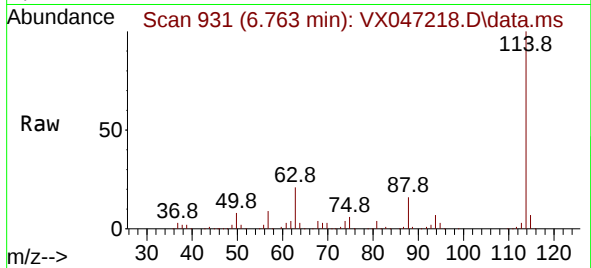




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

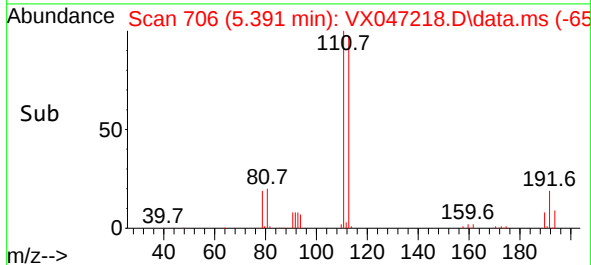
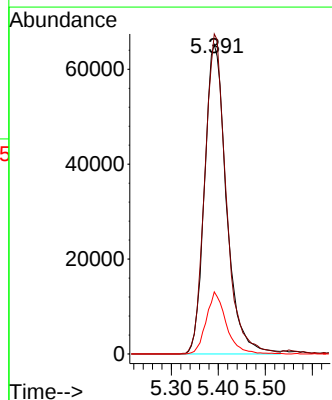
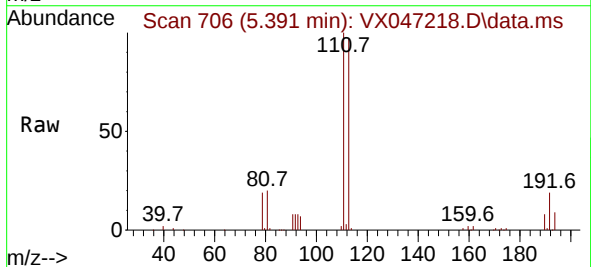
Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

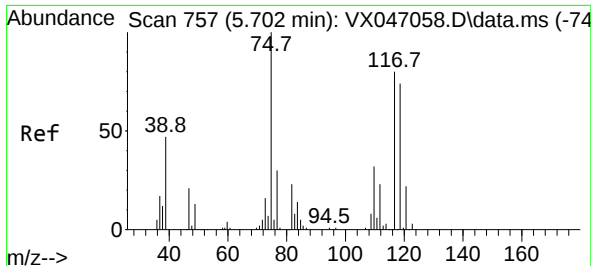
Tgt Ion:114 Resp: 684835
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 16.5 0.0 33.8



#35
Dibromofluoromethane
Concen: 49.719 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Tgt Ion:113 Resp: 210230
Ion Ratio Lower Upper
113 100
111 101.1 82.6 124.0
192 18.5 14.9 22.3

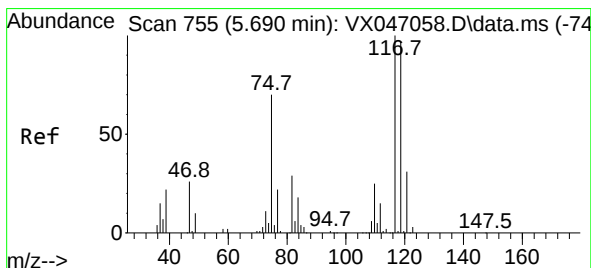
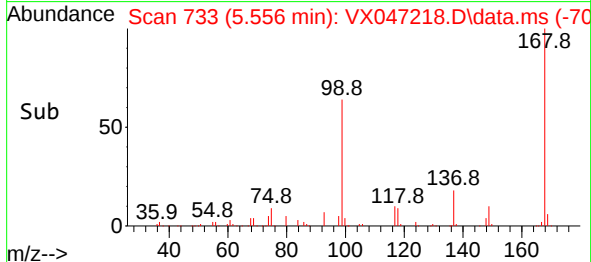
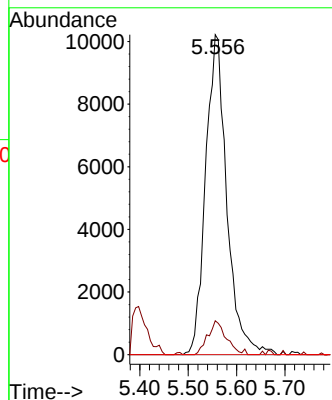
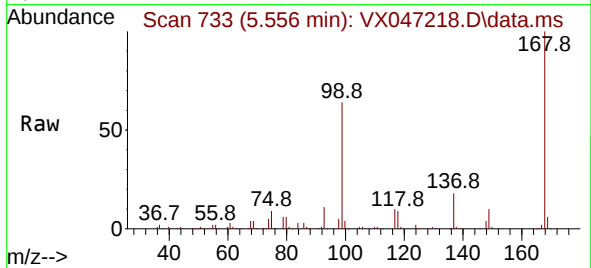




#36
 1,1-Dichloropropene
 Concen: 4.316 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX047218.D
 Acq: 04 Aug 2025 10:37

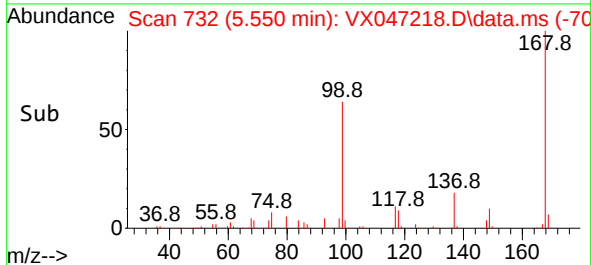
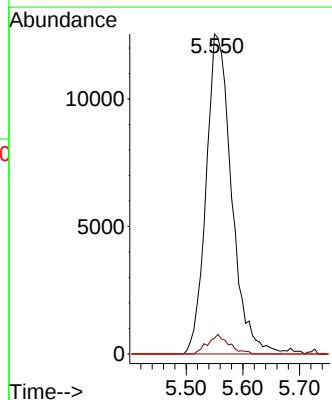
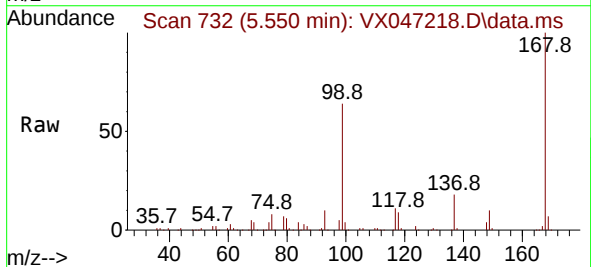
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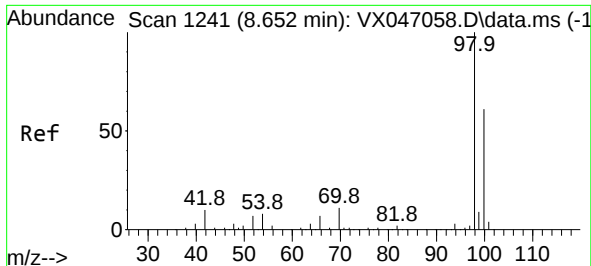
Tgt Ion: 75 Resp: 31105
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.2 51.5#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.069 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX047218.D
 Acq: 04 Aug 2025 10:37

Tgt Ion: 117 Resp: 38996
 Ion Ratio Lower Upper
 117 100
 119 4.9 76.6 115.0#
 121 0.0 24.4 36.6#

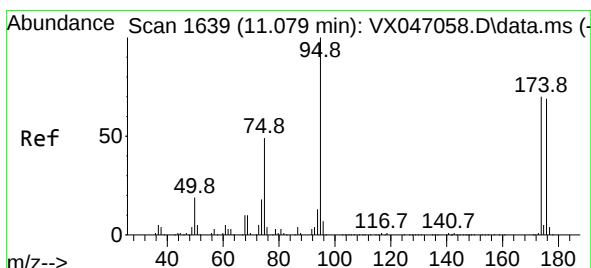
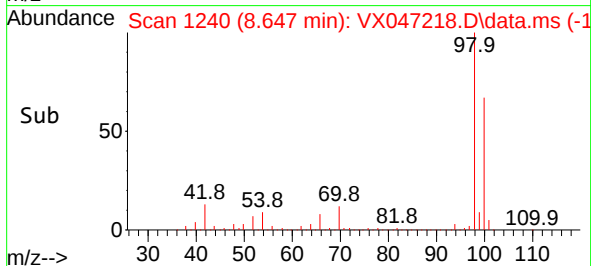
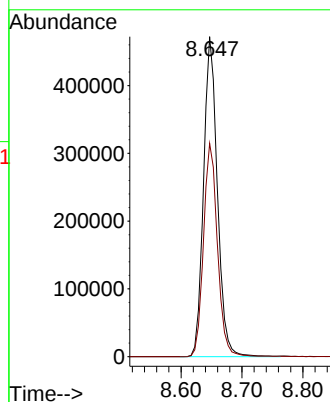
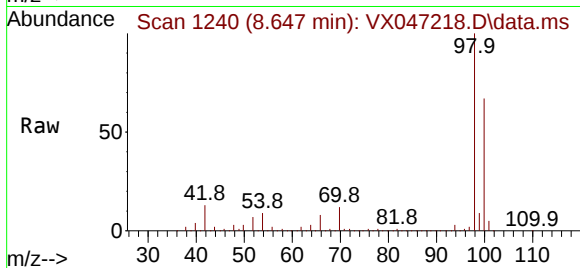




#50
Toluene-d8
Concen: 54.489 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

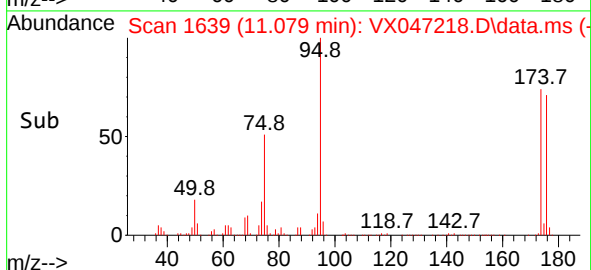
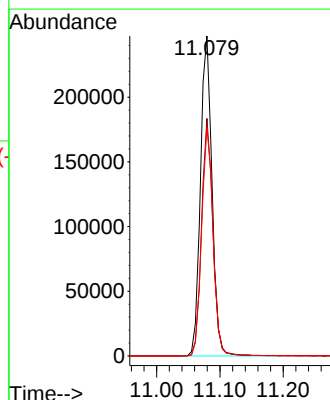
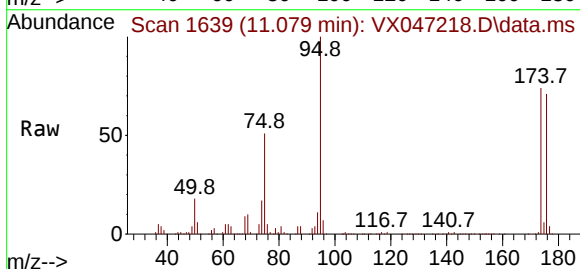
Instrument :
MSVOA_X
ClientSampleId :
VX0804WBL01

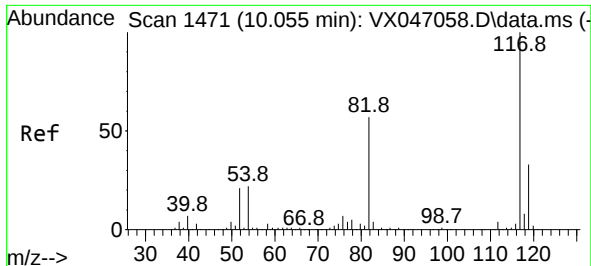
Tgt Ion: 98 Resp: 746150
Ion Ratio Lower Upper
98 100
100 67.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 53.400 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Tgt Ion: 95 Resp: 315122
Ion Ratio Lower Upper
95 100
174 72.6 0.0 144.6
176 70.8 0.0 139.6

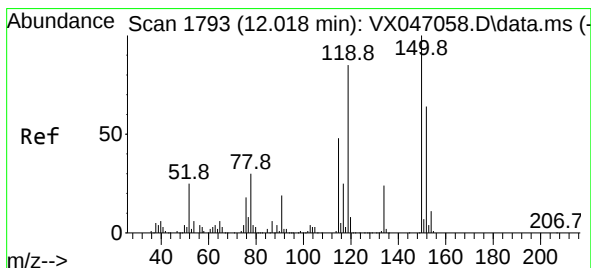
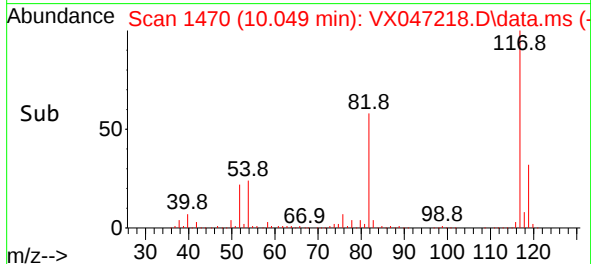
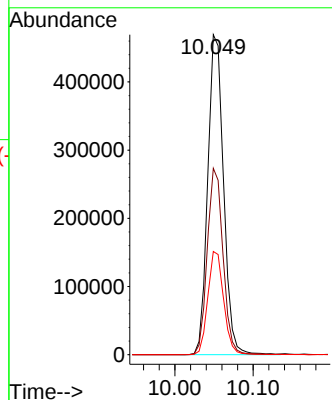
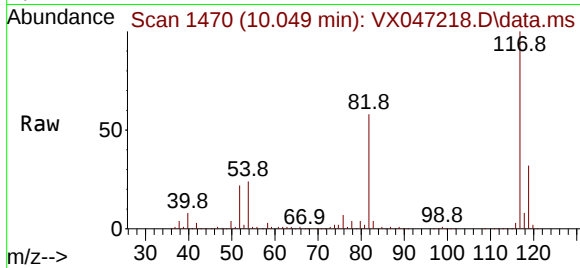




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

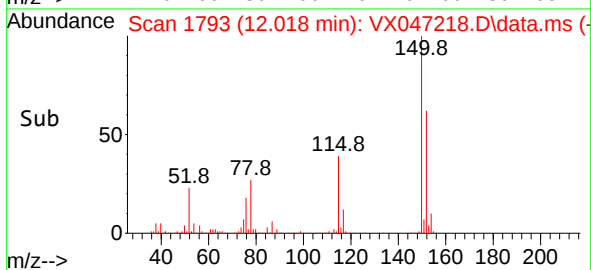
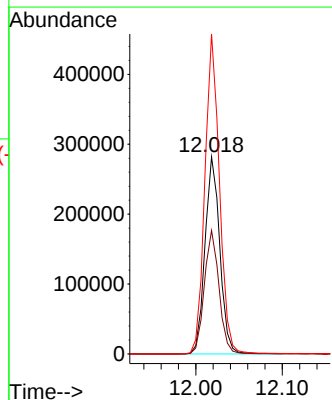
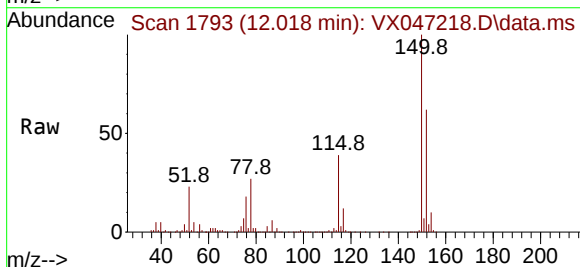
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MSVOA_X
ClientSampleId :
VX0804WBL01

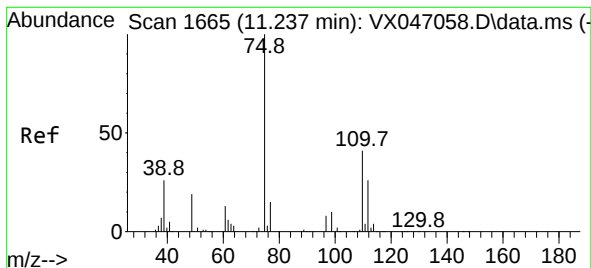
Tgt Ion:117 Resp: 656222
Ion Ratio Lower Upper
117 100
82 58.3 45.4 68.2
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047218.D
Acq: 04 Aug 2025 10:37

Tgt Ion:152 Resp: 335604
Ion Ratio Lower Upper
152 100
115 62.1 45.6 136.7
150 159.4 0.0 354.6





#76

1,2,3-Trichloropropane

Concen: 26.450 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047218.D

Acq: 04 Aug 2025 10:37

Instrument :

MSVOA_X

ClientSampleId :

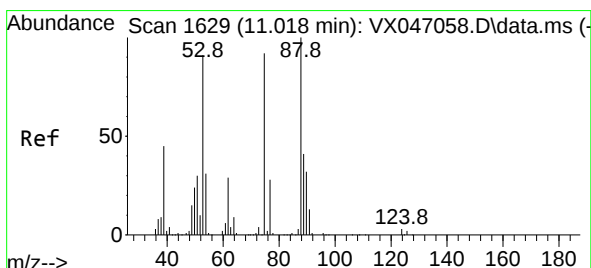
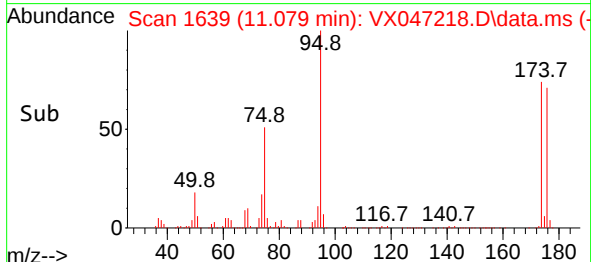
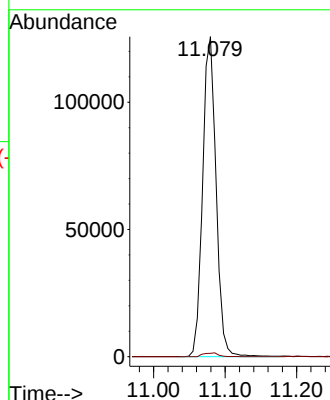
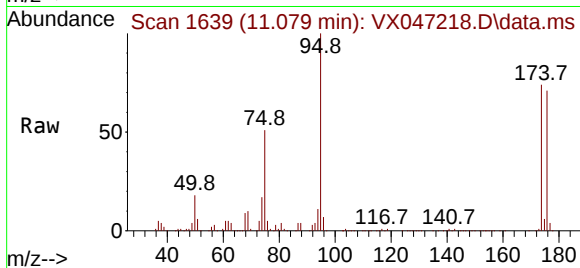
VX0804WBL01

Tgt Ion: 75 Resp: 164307

Ion Ratio Lower Upper

75 100

77 1.3 21.6 65.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 68.147 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX047218.D

Acq: 04 Aug 2025 10:37

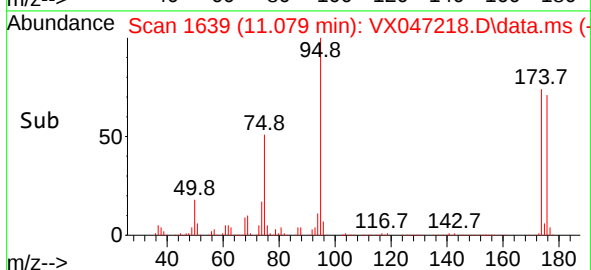
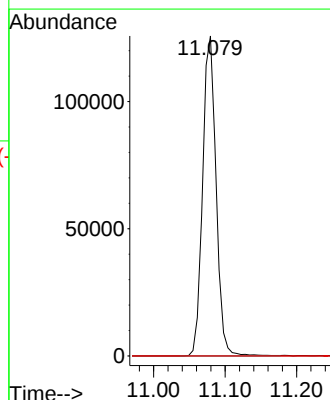
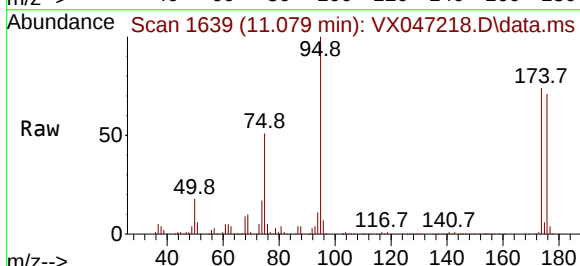
Tgt Ion: 75 Resp: 164307

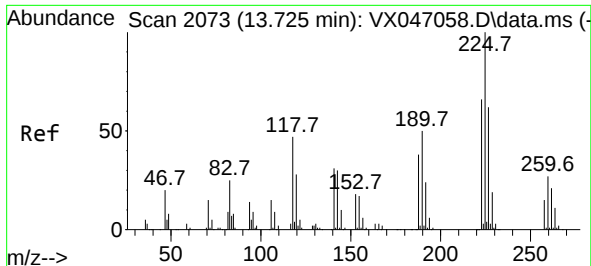
Ion Ratio Lower Upper

75 100

53 0.0 84.2 126.4#

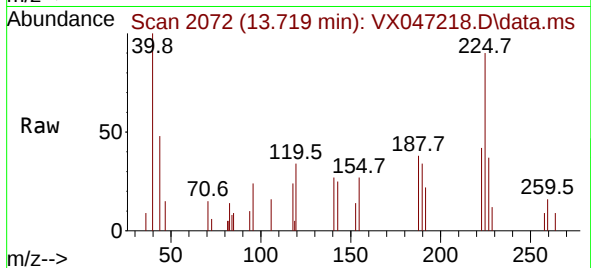
89 0.0 36.0 54.0#





#94
 Hexachlorobutadiene
 Concen: 0.388 ug/l
 RT: 13.719 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VX047218.D
 Acq: 04 Aug 2025 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBL01



Tgt Ion:	225	Resp:	1005
Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.6	95.0
227	59.3	32.9	98.6

