

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
 Data File : VX047090.D
 Acq On : 23 Jul 2025 14:49
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 24 05:51:45 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)

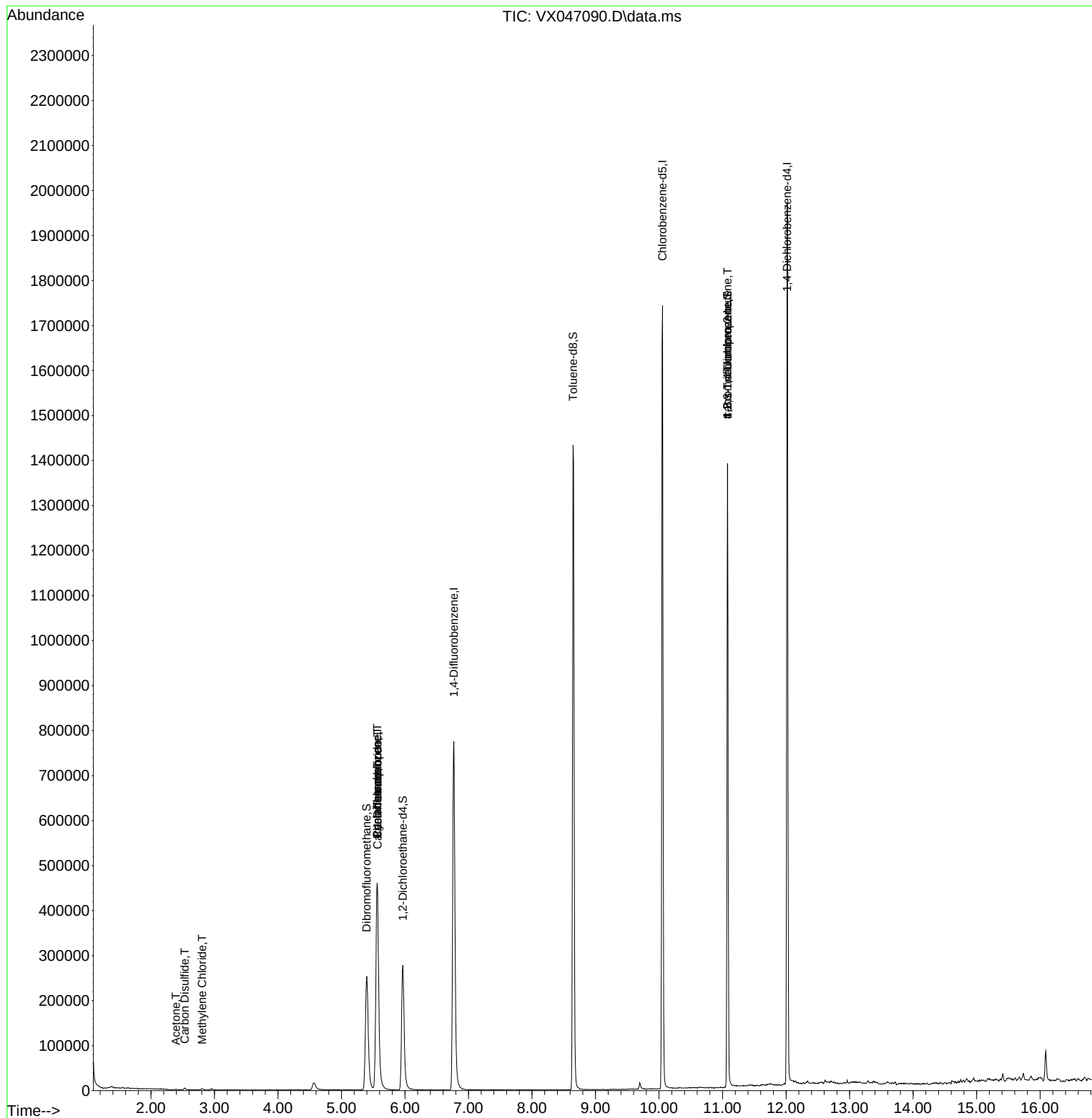
Internal Standards						
1) Pentafluorobenzene	5.562	168	461822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	835139	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	791783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	388214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	294024	51.109	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.220%			
35) Dibromofluoromethane	5.397	113	240766	46.692	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.380%			
50) Toluene-d8	8.647	98	891738	53.401	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.800%			
62) 4-Bromofluorobenzene	11.079	95	367084	51.010	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.020%			
Target Compounds						
11) Tert butyl alcohol	2.971	59	537	Below Cal	Qvalue # 72	
16) Acetone	2.392	43	1843	0.800	ug/l # 1	
17) Carbon Disulfide	2.532	76	5292	0.315	ug/l # 90	
20) Methylene Chloride	2.806	84	1480	0.233	ug/l # 93	
31) Cyclohexane	5.562	56	10218	0.950	ug/l # 4	
36) 1,1-Dichloropropene	5.562	75	38777	4.412	ug/l # 51	
38) Carbon Tetrachloride	5.568	117	48730	5.194	ug/l # 16	
76) 1,2,3-Trichloropropane	11.079	75	189369	26.354	ug/l # 35	
81) trans-1,4-Dichloro-2-b...	11.079	75	189369	67.898	ug/l # 8	

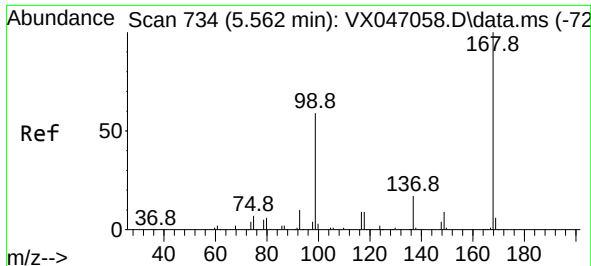
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Jul 24 05:51:45 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

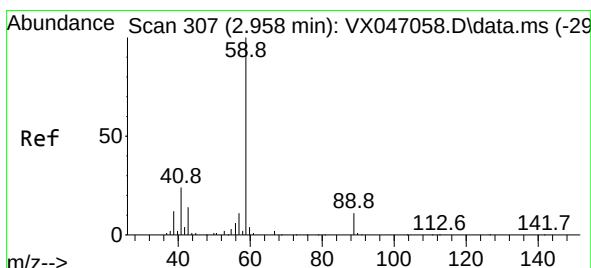
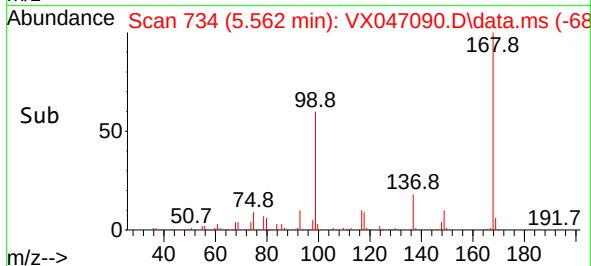
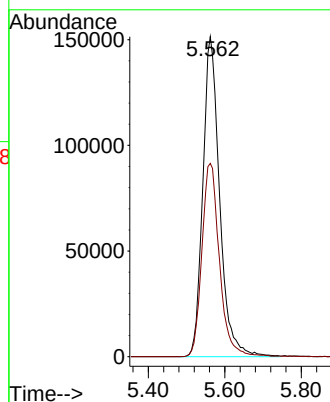
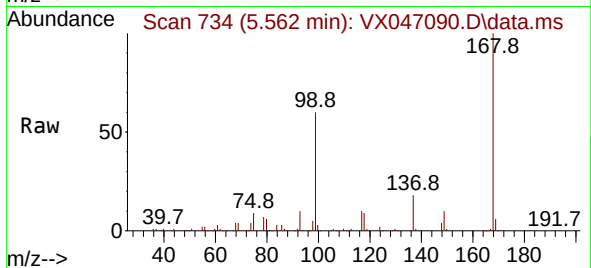




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047090.D
Acq: 23 Jul 2025 14:49

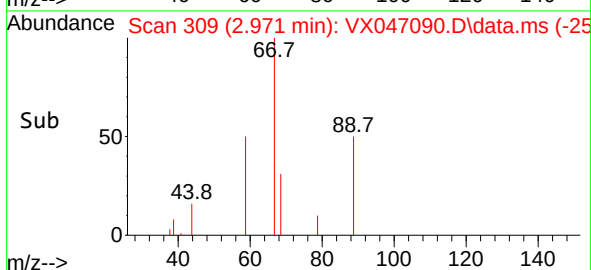
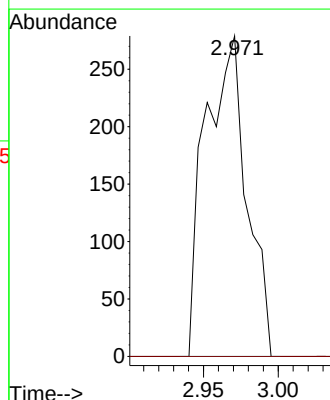
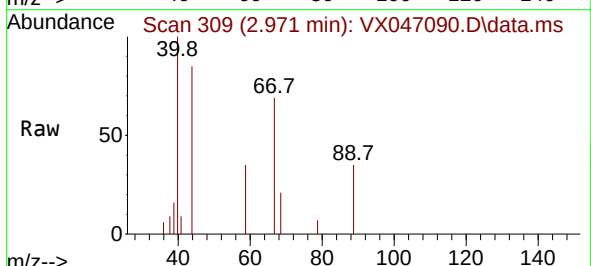
Instrument :
MSVOA_X
ClientSampleId :
IBLK

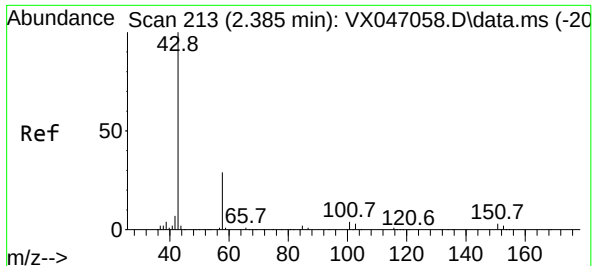
Tgt Ion:168 Resp: 461822
Ion Ratio Lower Upper
168 100
99 60.4 48.0 72.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. 0.013 min
Lab File: VX047090.D
Acq: 23 Jul 2025 14:49

Tgt Ion: 59 Resp: 537
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

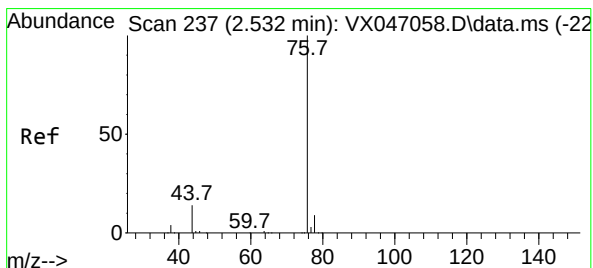
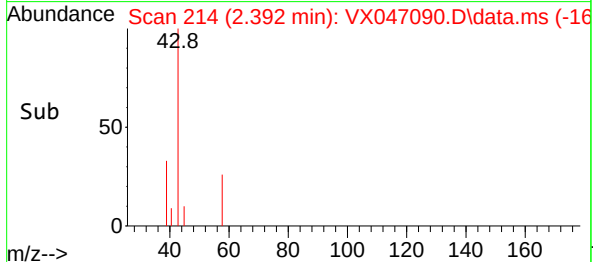
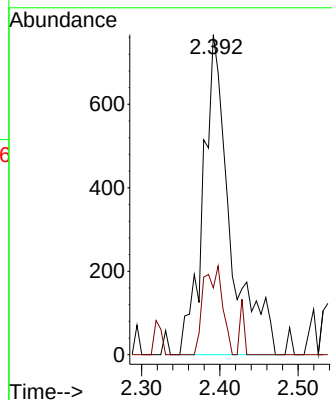
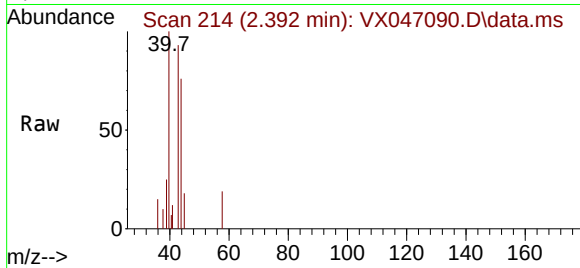




#16
Acetone
Concen: 0.800 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX047090.D
Acq: 23 Jul 2025 14:49

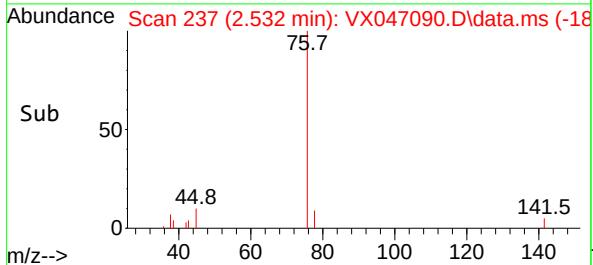
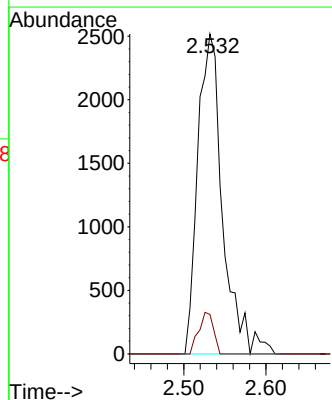
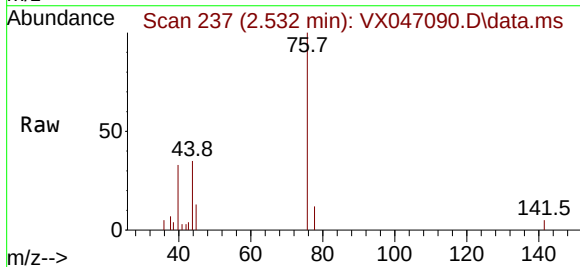
Instrument :
MSVOA_X
ClientSampleId :
IBLK

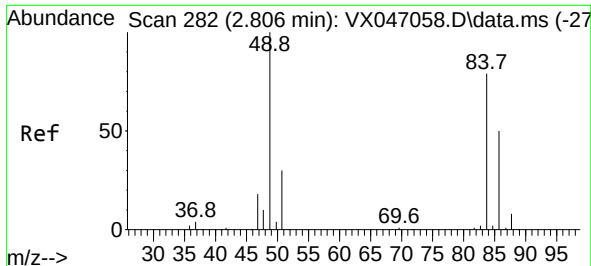
Tgt Ion: 43 Resp: 1843
Ion Ratio Lower Upper
43 100
58 137.9 24.0 36.0#



#17
Carbon Disulfide
Concen: 0.315 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047090.D
Acq: 23 Jul 2025 14:49

Tgt Ion: 76 Resp: 5292
Ion Ratio Lower Upper
76 100
78 12.4 7.0 10.4#

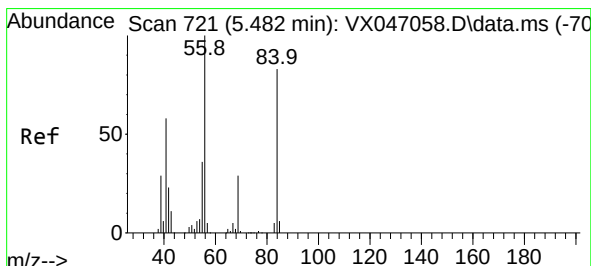
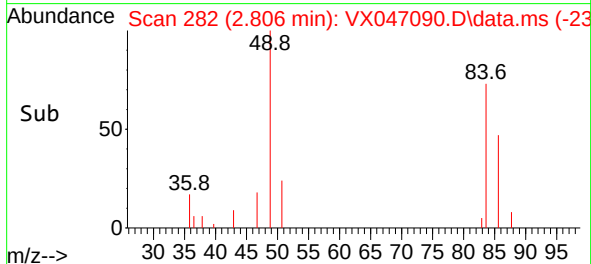
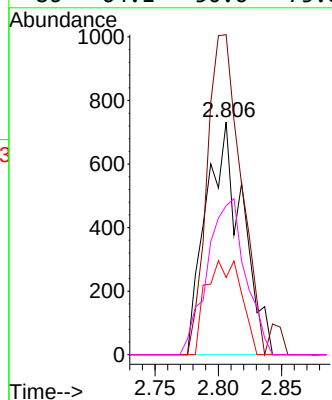
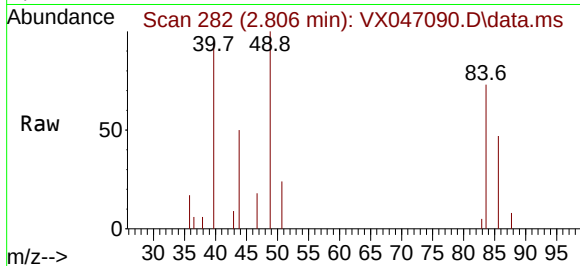




#20
Methylene Chloride
Concen: 0.233 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047090.D
Acq: 23 Jul 2025 14:49

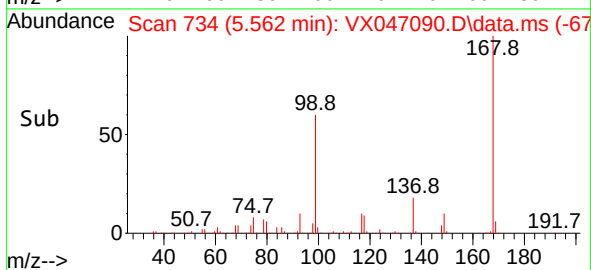
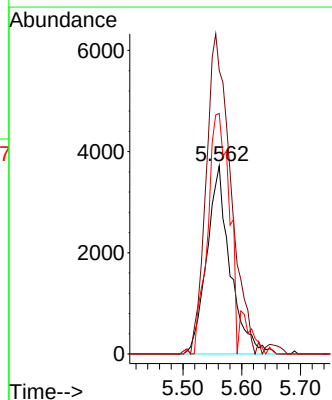
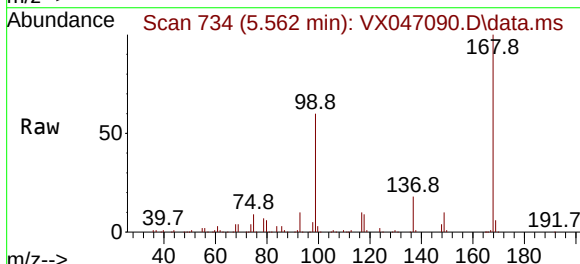
Instrument :
MSVOA_X
ClientSampleId :
IBLK

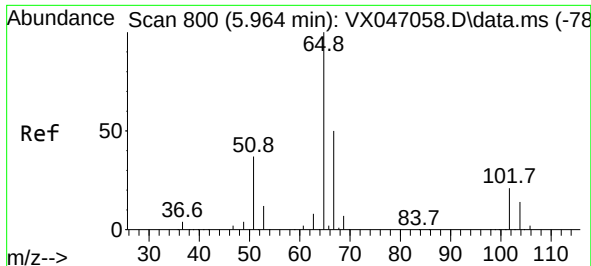
Tgt Ion:	84	Resp:	1480
Ion	Ratio	Lower	Upper
84	100		
49	137.6	101.6	152.4
51	33.2	30.3	45.5
86	64.1	50.6	75.8



#31
Cyclohexane
Concen: 0.950 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX047090.D
Acq: 23 Jul 2025 14:49

Tgt Ion:	56	Resp:	10218
Ion	Ratio	Lower	Upper
56	100		
69	150.6	23.3	34.9#
84	127.8	66.5	99.7#

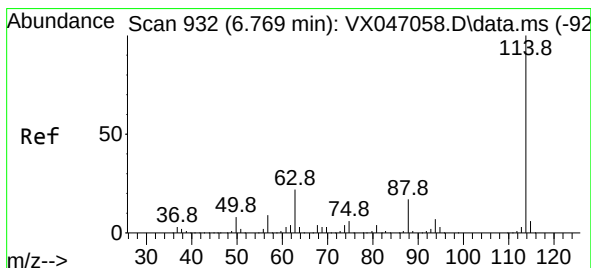
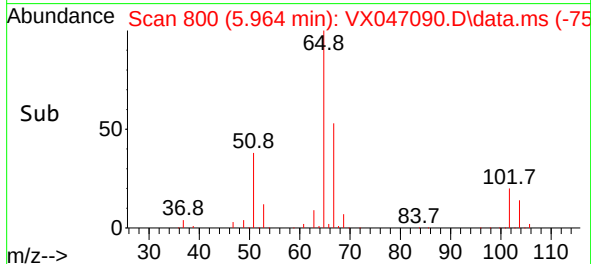
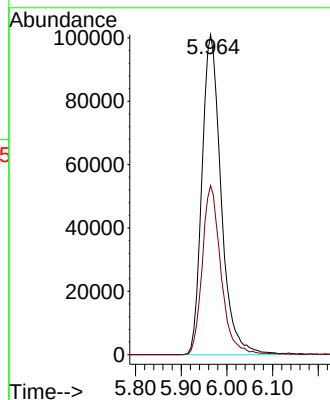
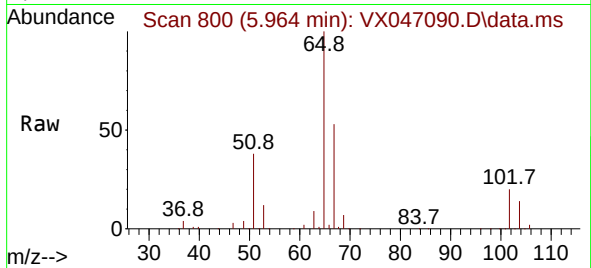




#33
 1,2-Dichloroethane-d4
 Concen: 51.109 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047090.D
 Acq: 23 Jul 2025 14:49

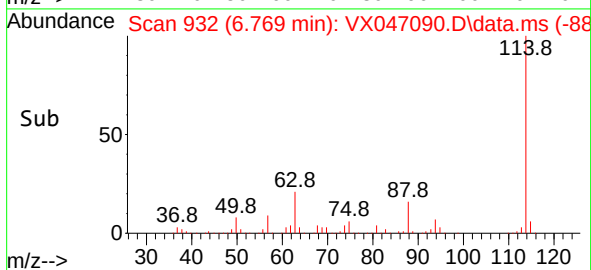
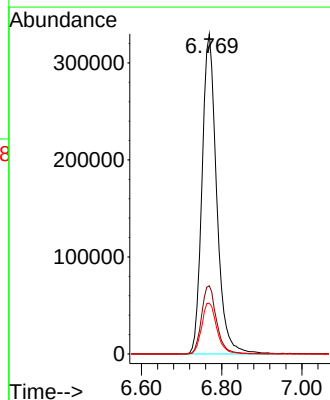
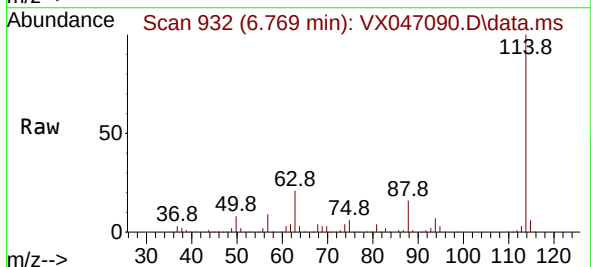
Instrument :
 MSVOA_X
 ClientSampleId :
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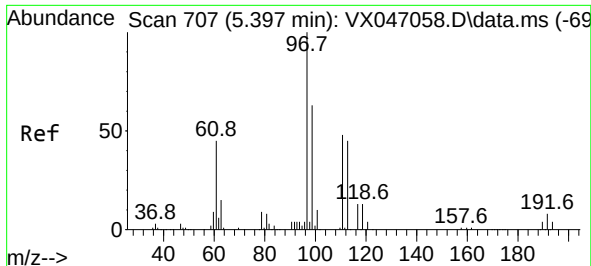
Tgt Ion: 65 Resp: 294024
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047090.D
 Acq: 23 Jul 2025 14:49

Tgt Ion: 114 Resp: 835139
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 15.8 0.0 33.8

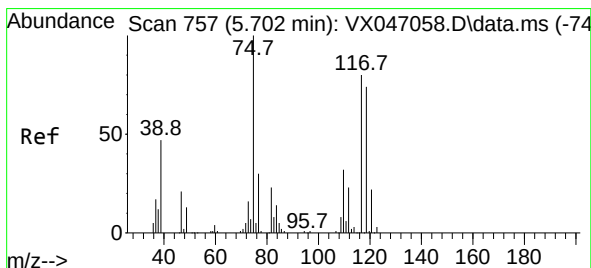
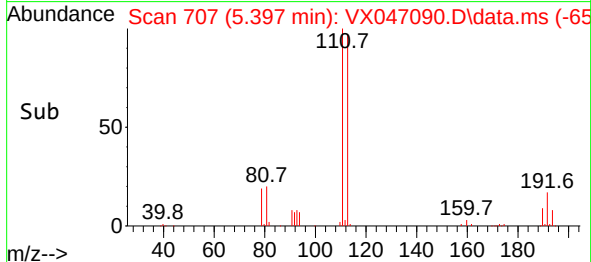
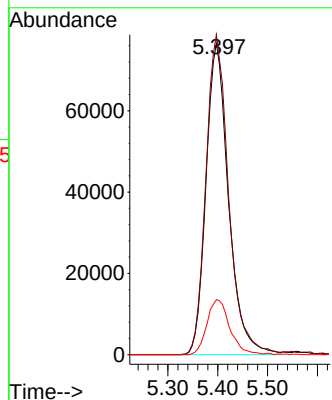
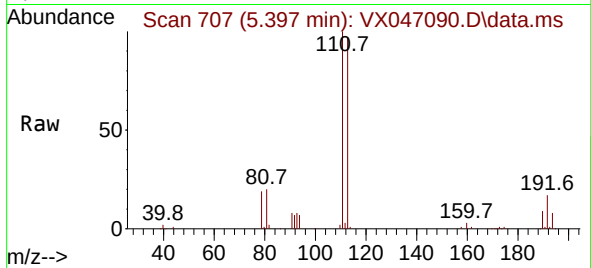




#35
Dibromofluoromethane
Concen: 46.692 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047090.D
Acq: 23 Jul 2025 14:49

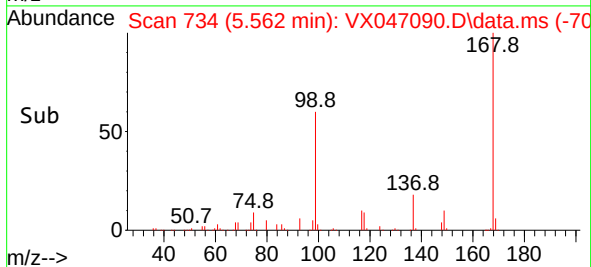
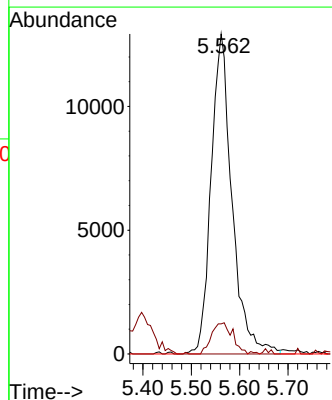
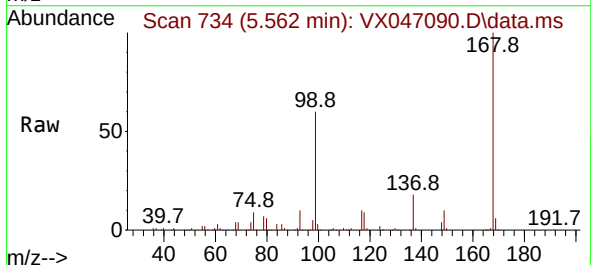
Instrument :
MSVOA_X
ClientSampleId :
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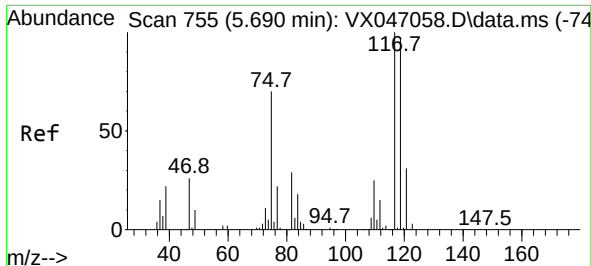
Tgt Ion:113 Resp: 240766
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 17.9 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.412 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX047090.D
Acq: 23 Jul 2025 14:49

Tgt Ion: 75 Resp: 38777
Ion Ratio Lower Upper
75 100
110 9.8 17.2 51.5#
77 0.0 25.1 37.7#

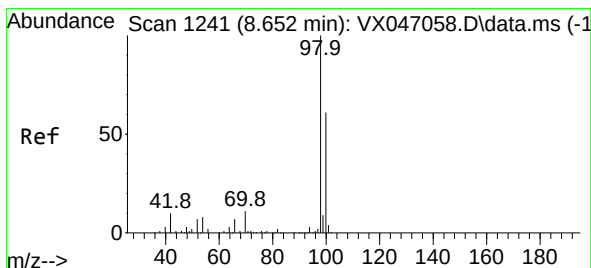
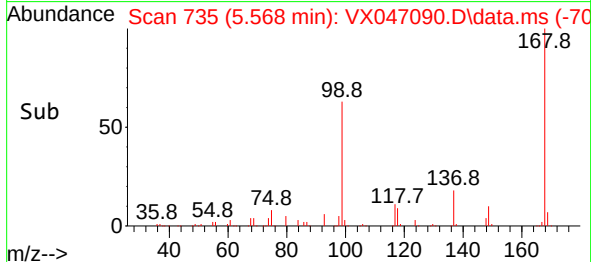
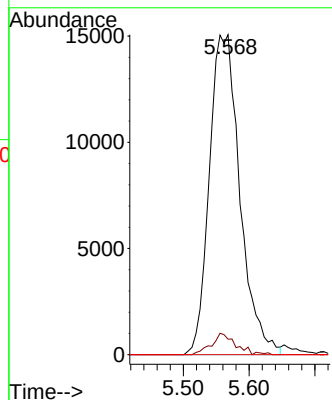
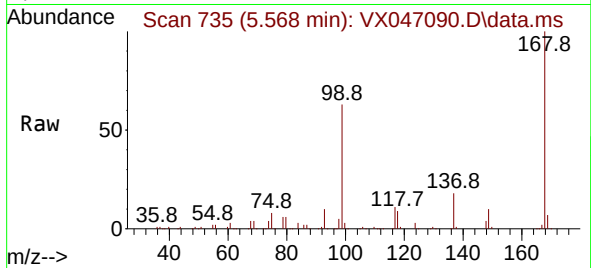




#38
Carbon Tetrachloride
Concen: 5.194 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX047090.D
Acq: 23 Jul 2025 14:49

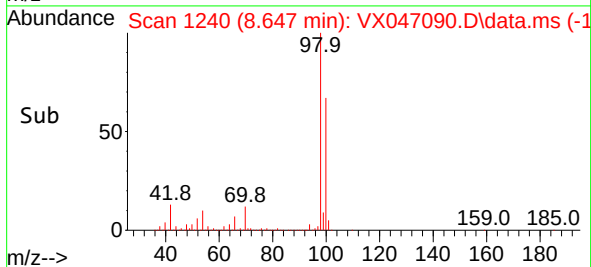
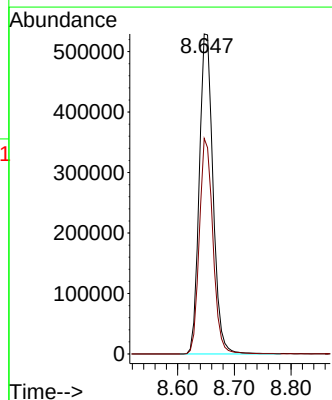
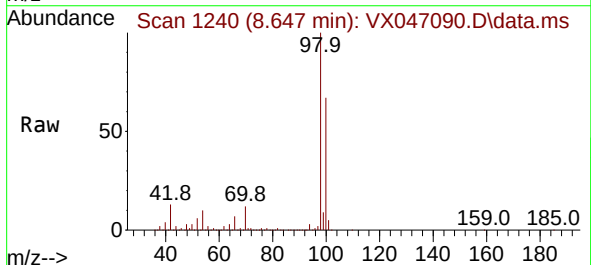
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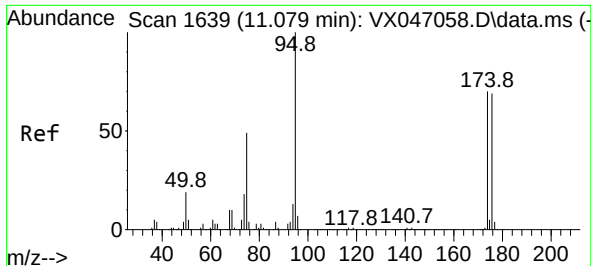
Tgt Ion:117 Resp: 48730
Ion Ratio Lower Upper
117 100
119 4.8 76.6 115.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 53.401 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047090.D
Acq: 23 Jul 2025 14:49

Tgt Ion: 98 Resp: 891738
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9

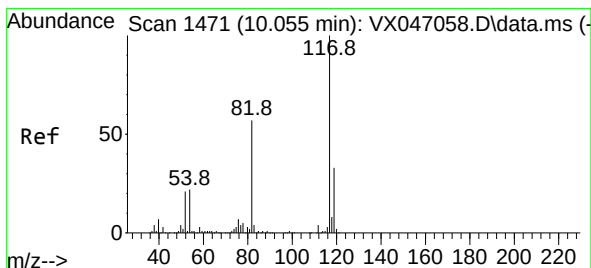
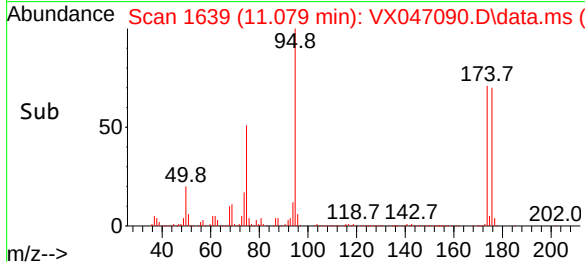
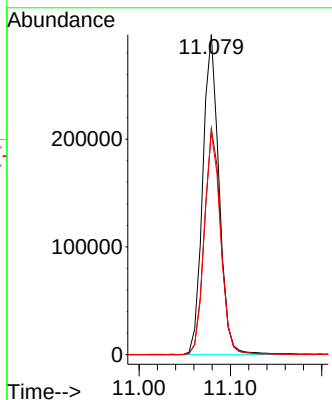
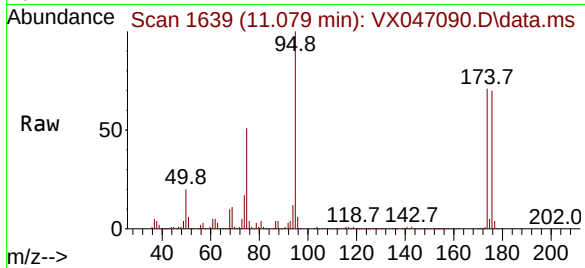




#62
4-Bromofluorobenzene
Concen: 51.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047090.D
Acq: 23 Jul 2025 14:49

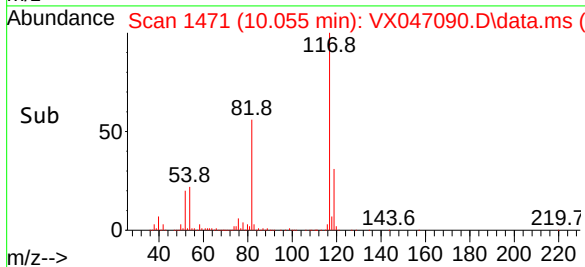
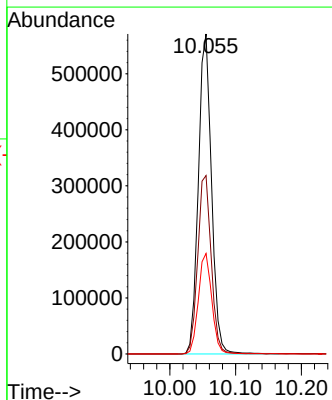
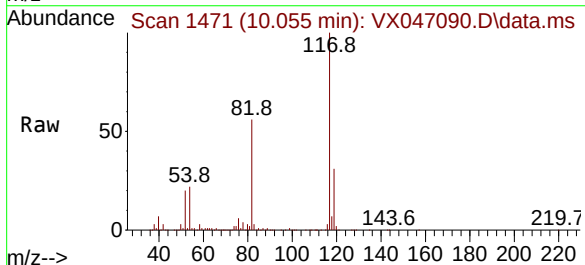
Instrument :
MSVOA_X
ClientSampleId :
IBLK

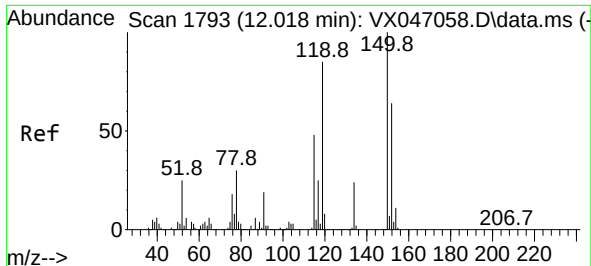
Tgt Ion: 95 Resp: 367084
Ion Ratio Lower Upper
95 100
174 71.6 0.0 144.6
176 70.4 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047090.D
Acq: 23 Jul 2025 14:49

Tgt Ion: 117 Resp: 791783
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.2
119 31.4 26.1 39.1

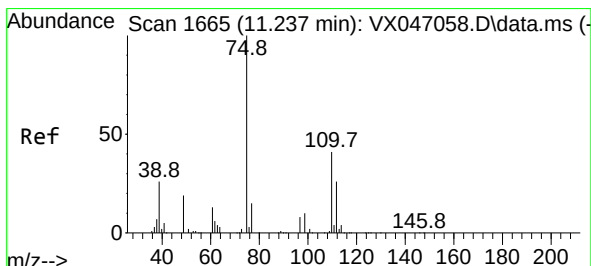
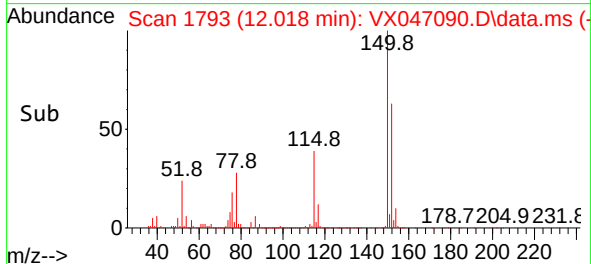
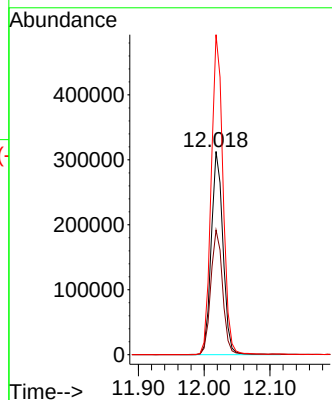
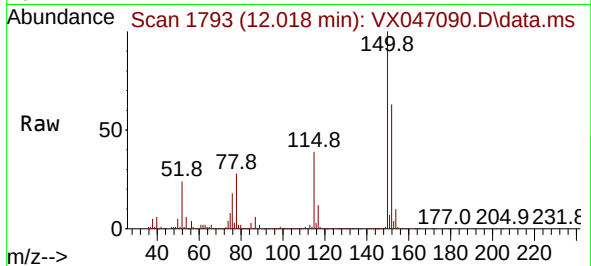




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047090.D
 Acq: 23 Jul 2025 14:49

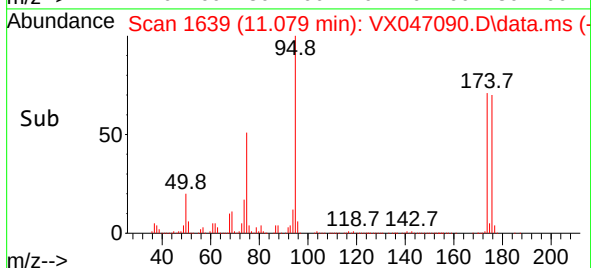
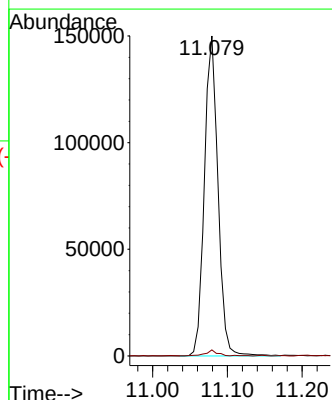
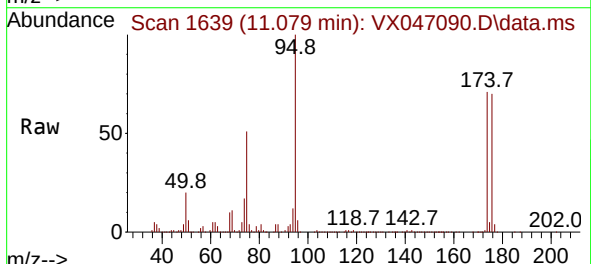
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

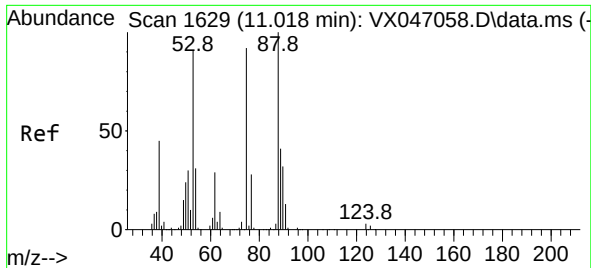
Tgt Ion:152 Resp: 388214
 Ion Ratio Lower Upper
 152 100
 115 61.8 45.6 136.7
 150 158.1 0.0 354.6



#76
 1,2,3-Trichloropropane
 Concen: 26.354 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX047090.D
 Acq: 23 Jul 2025 14:49

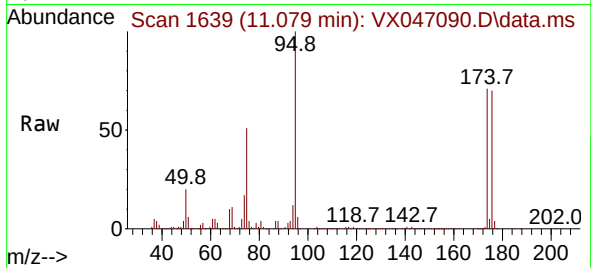
Tgt Ion: 75 Resp: 189369
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.6 65.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.898 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047090.D
 Acq: 23 Jul 2025 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 189369
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.2 126.4#
 89 0.0 36.0 54.0#

