

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047968.D
 Acq On : 02 Oct 2025 15:10
 Operator : JC/MD
 Sample : Q3194-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB09-20250912

Quant Time: Oct 03 03:31:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

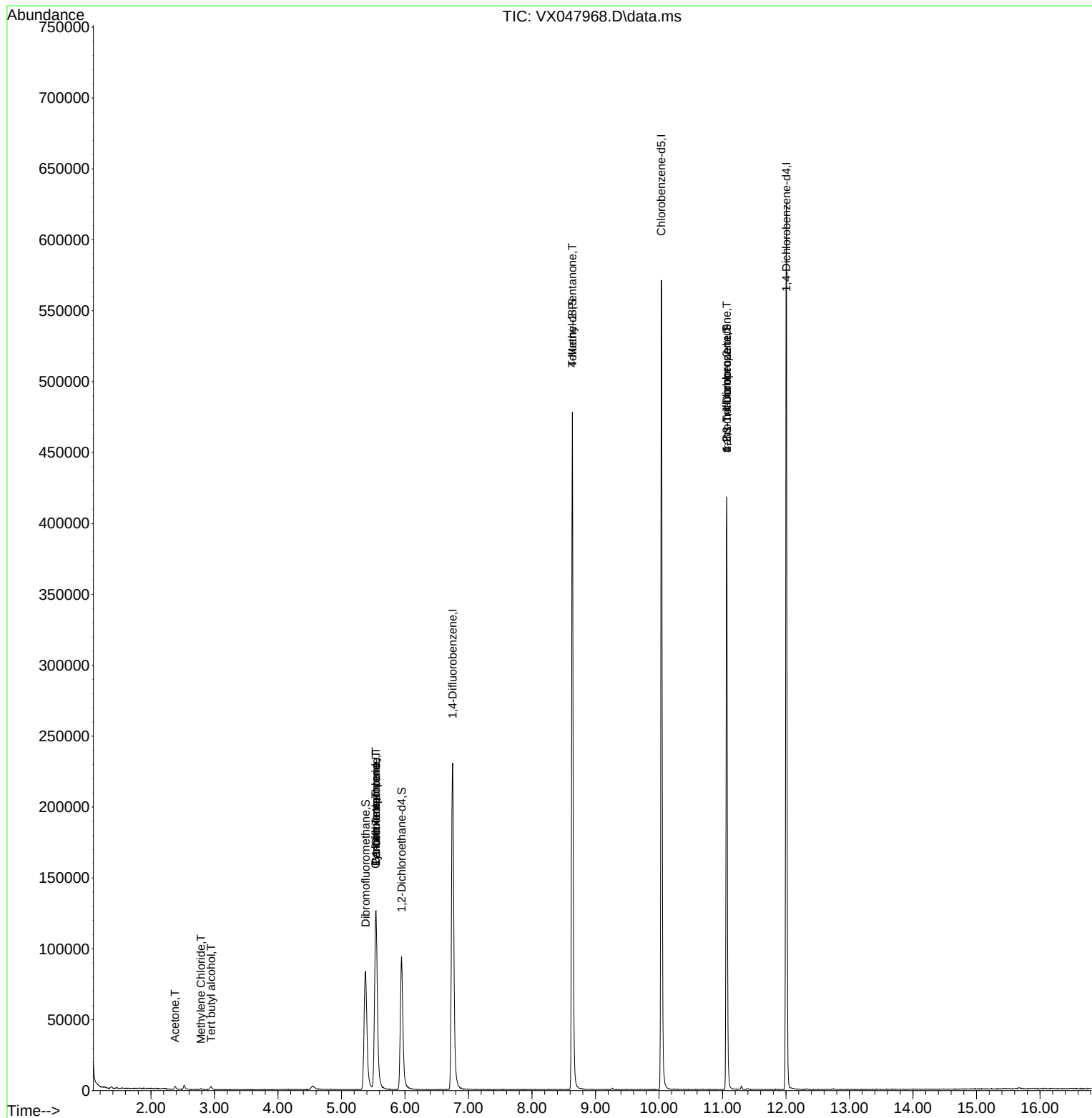
Internal Standards						
1) Pentafluorobenzene	5.544	168	125397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	254057	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	264333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	130557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	99788	49.994	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.980%		
35) Dibromofluoromethane	5.379	113	82602	48.480	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.960%		
50) Toluene-d8	8.635	98	285299	48.391	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.780%		
62) 4-Bromofluorobenzene	11.067	95	120212	53.726	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.460%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1170	5.263	ug/l #	72
16) Acetone	2.380	43	2916	3.360	ug/l	93
20) Methylene Chloride	2.788	84	386	0.210	ug/l #	62
31) Cyclohexane	5.538	56	3110	1.179	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11003	4.419	ug/l #	51
38) Carbon Tetrachloride	5.544	117	13918	5.145	ug/l #	18
51) 4-Methyl-2-Pentanone	8.635	43	1374	0.567	ug/l #	1
76) 1,2,3-Trichloropropane	11.067	75	62826	23.767	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.067	75	62826	60.610	ug/l #	8

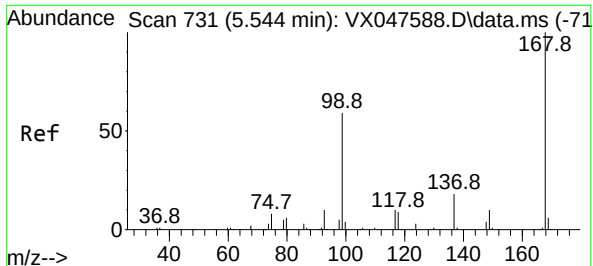
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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TB09-20250912

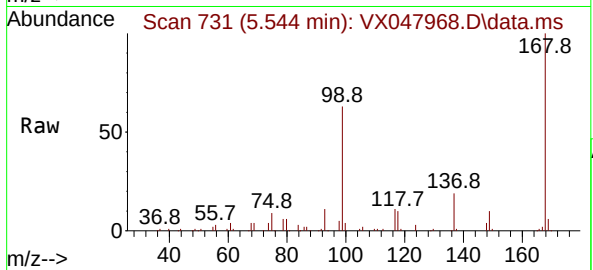
Quant Time: Oct 03 03:31:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



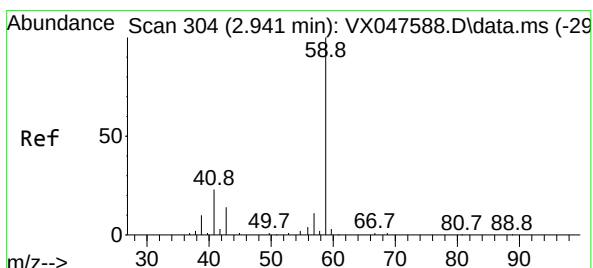
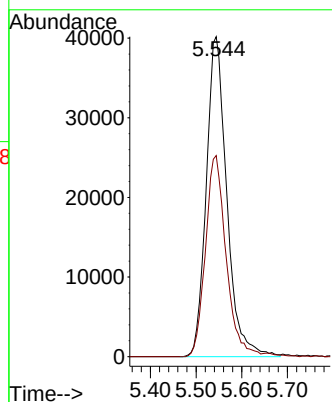
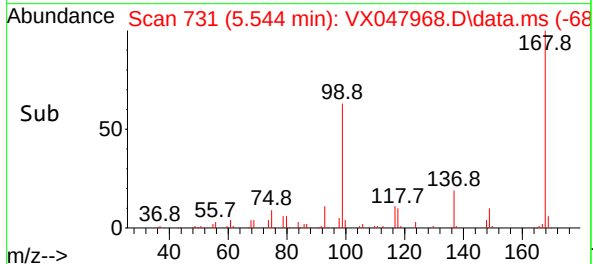


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

Instrument :
MSVOA_X
ClientSampleId :
TB09-20250912

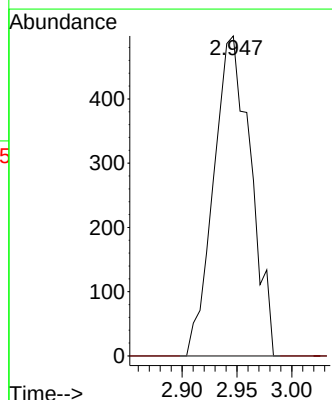
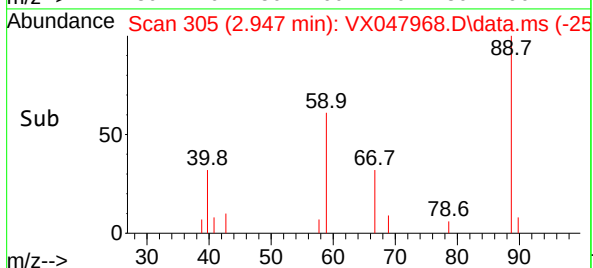
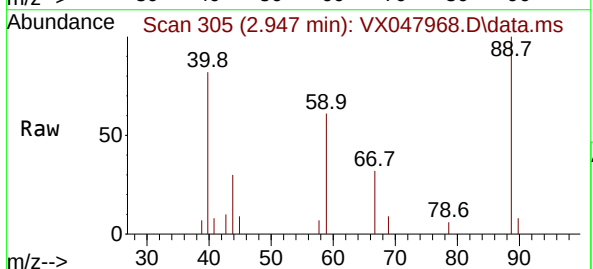


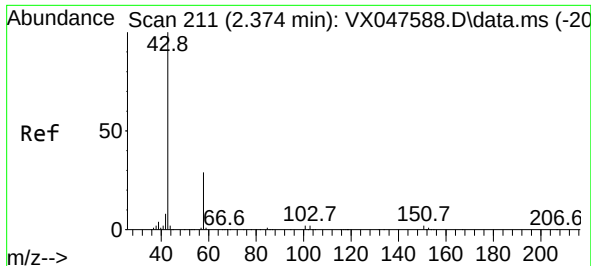
Tgt Ion:168 Resp: 125397
Ion Ratio Lower Upper
168 100
99 62.9 48.8 73.2



#11
Tert butyl alcohol
Concen: 5.263 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

Tgt Ion: 59 Resp: 1170
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

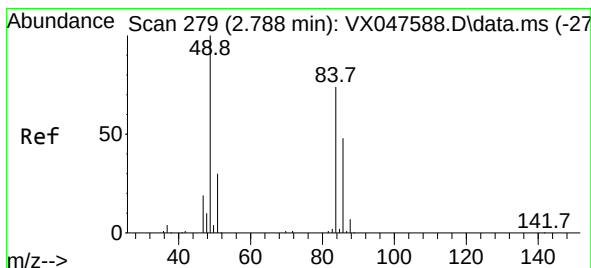
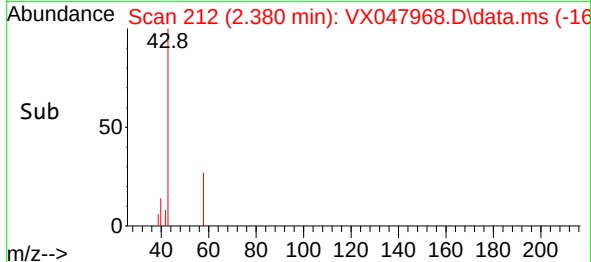
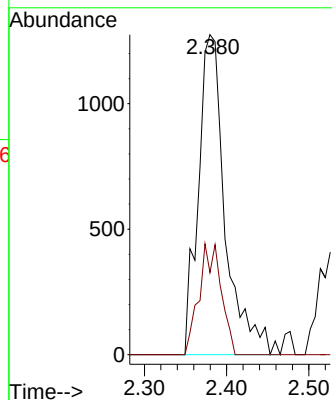
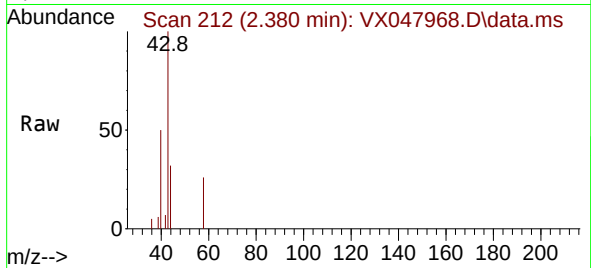




#16
Acetone
Concen: 3.360 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

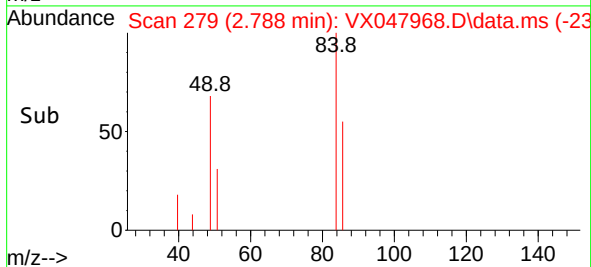
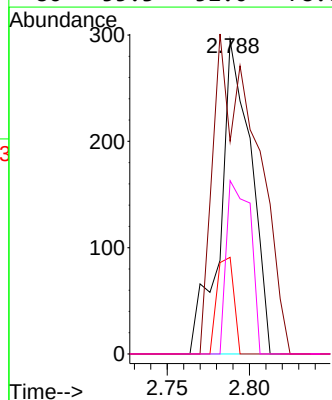
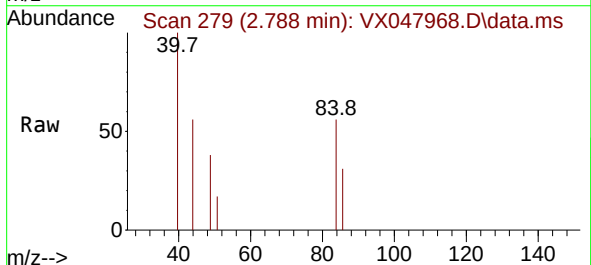
Instrument :
MSVOA_X
ClientSampleId :
TB09-20250912

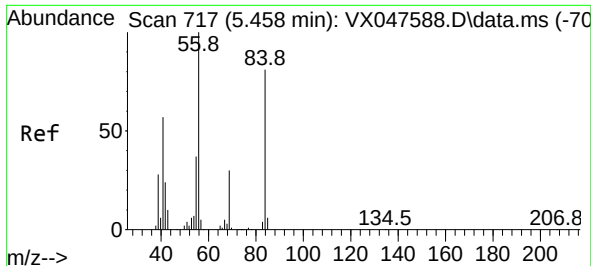
Tgt Ion: 43 Resp: 2916
Ion Ratio Lower Upper
43 100
58 25.6 23.4 35.0



#20
Methylene Chloride
Concen: 0.210 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

Tgt Ion: 84 Resp: 386
Ion Ratio Lower Upper
84 100
49 67.8 108.6 162.8#
51 30.8 32.6 48.8#
86 55.3 52.0 78.0

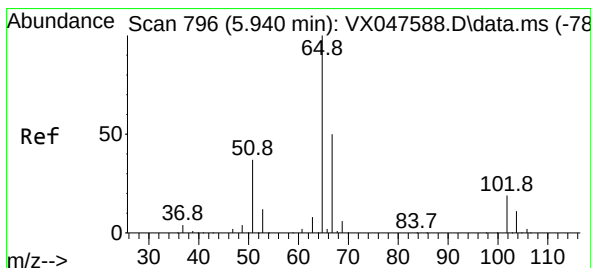
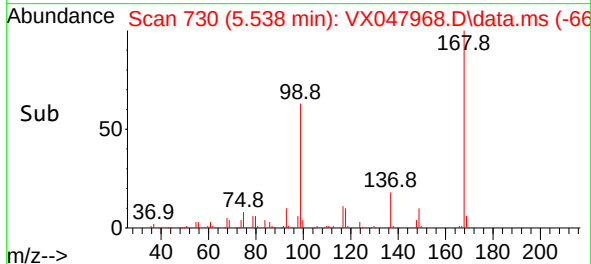
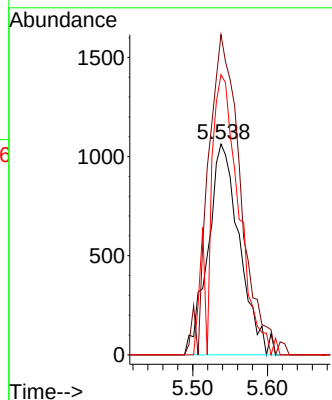
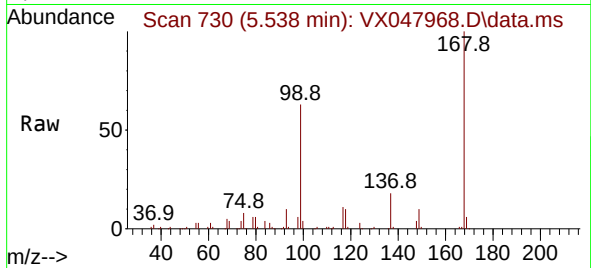




#31
Cyclohexane
Concen: 1.179 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

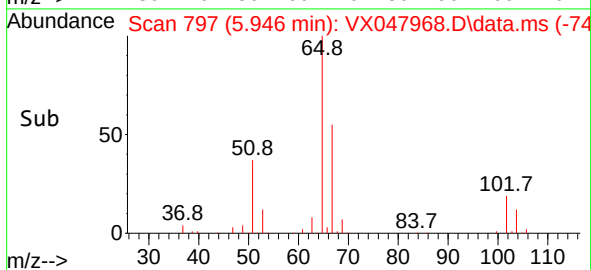
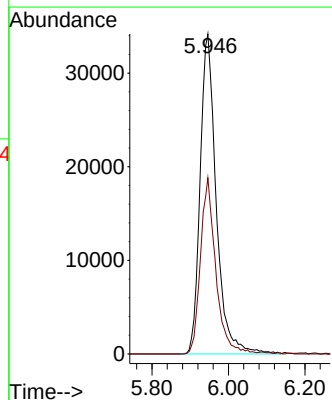
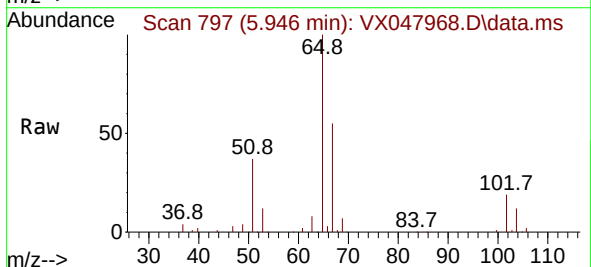
Instrument :
MSVOA_X
ClientSampleId :
TB09-20250912

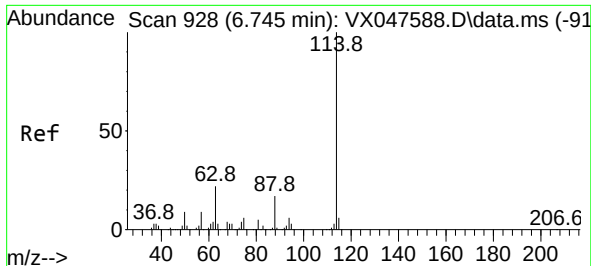
Tgt Ion: 56 Resp: 3110
Ion Ratio Lower Upper
56 100
69 151.9 23.8 35.8#
84 132.9 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 49.994 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

Tgt Ion: 65 Resp: 99788
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0

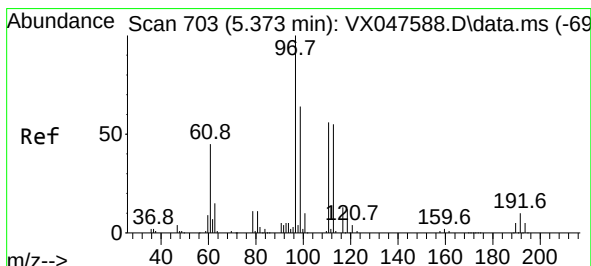
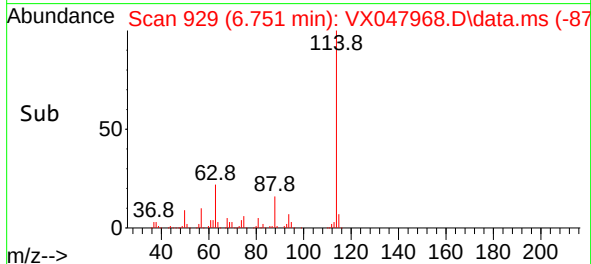
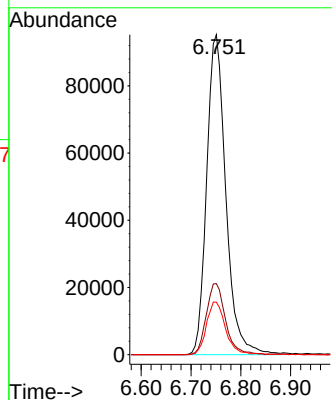
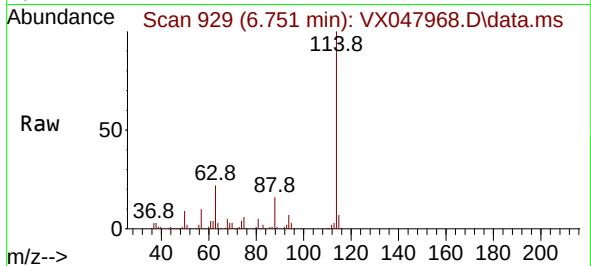




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

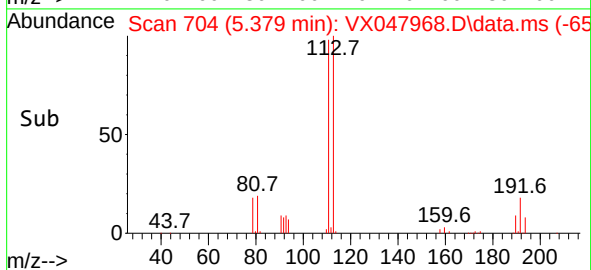
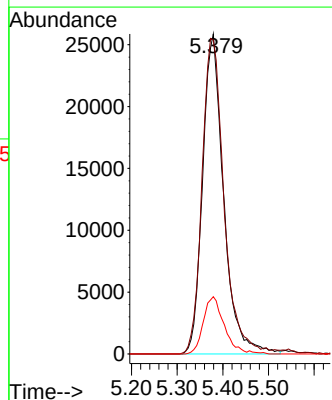
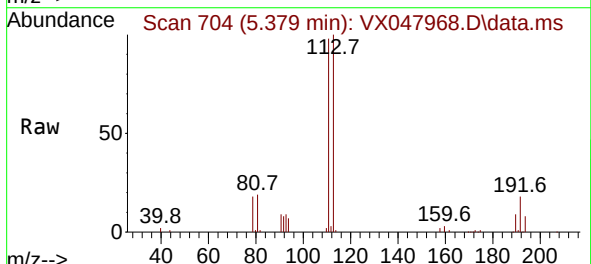
Instrument :
MSVOA_X
ClientSampleId :
TB09-20250912

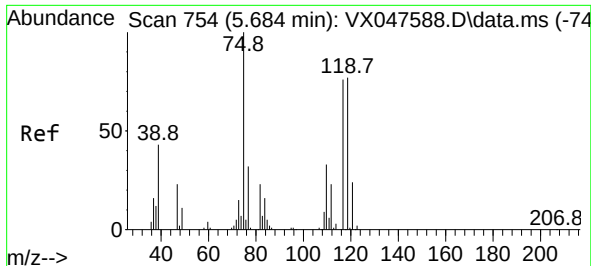
Tgt Ion:114 Resp: 254057
Ion Ratio Lower Upper
114 100
63 22.2 0.0 44.0
88 16.4 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.480 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

Tgt Ion:113 Resp: 82602
Ion Ratio Lower Upper
113 100
111 103.0 80.9 121.3
192 17.5 14.2 21.4

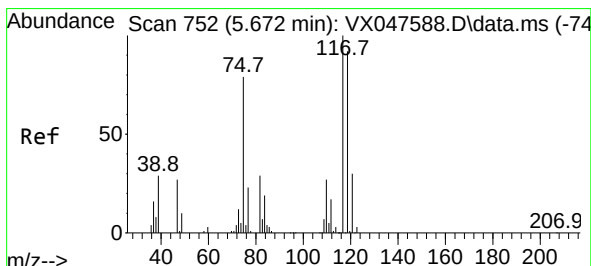
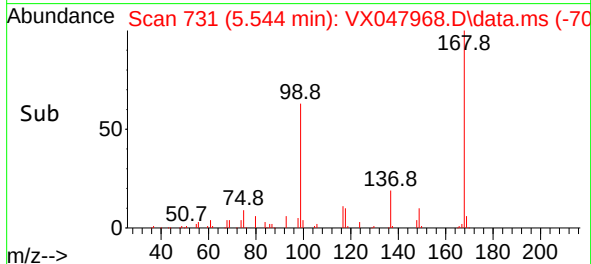
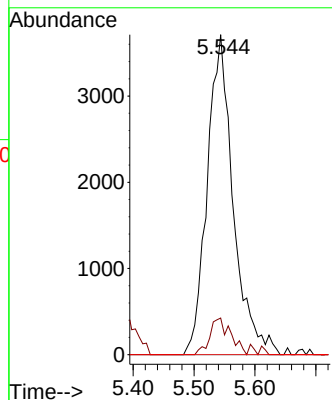
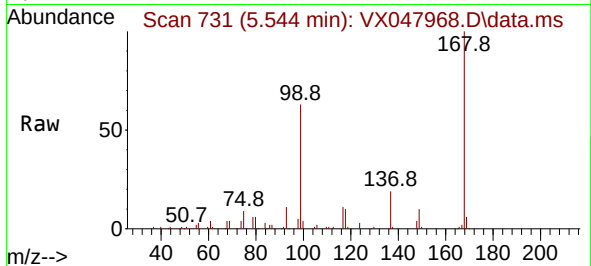




#36
1,1-Dichloropropene
Concen: 4.419 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

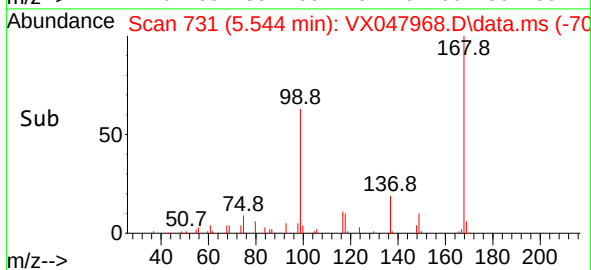
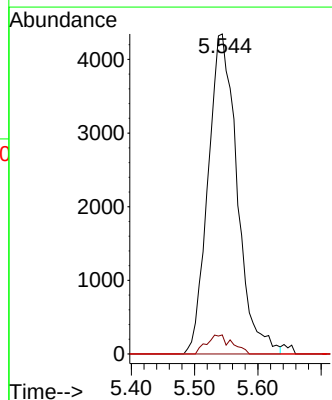
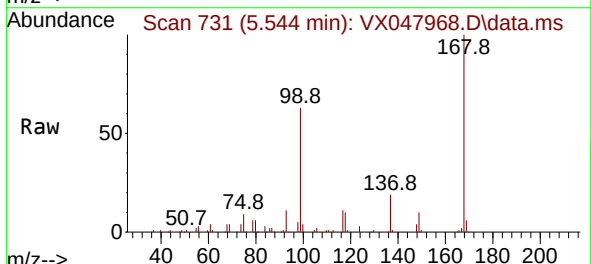
Instrument :
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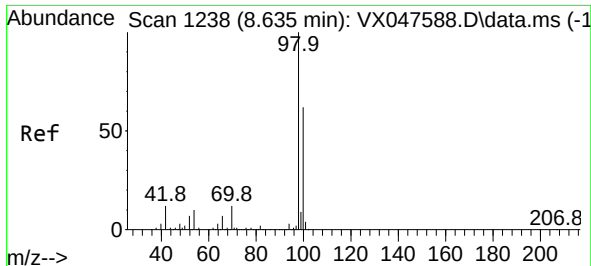
Tgt Ion: 75 Resp: 11003
Ion Ratio Lower Upper
75 100
110 9.2 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.145 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

Tgt Ion: 117 Resp: 13918
Ion Ratio Lower Upper
117 100
119 5.9 73.4 110.2#
121 0.0 23.8 35.6#

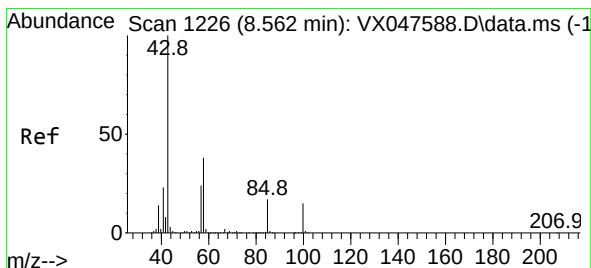
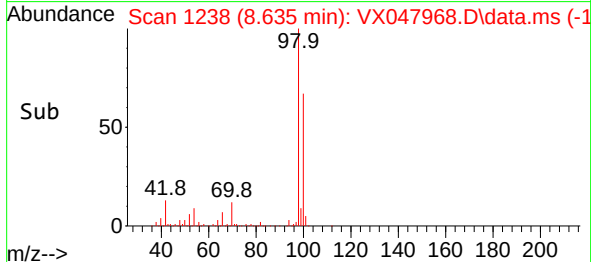
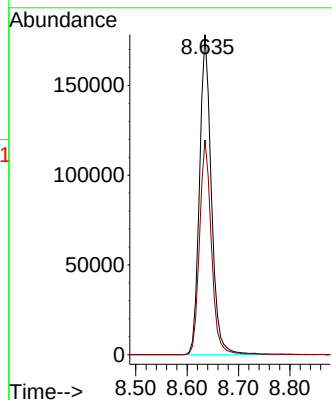
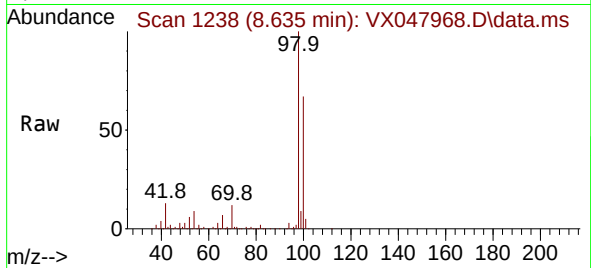




#50
Toluene-d8
Concen: 48.391 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

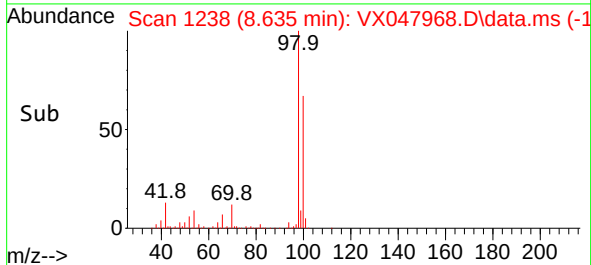
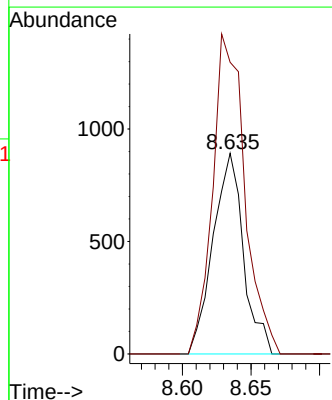
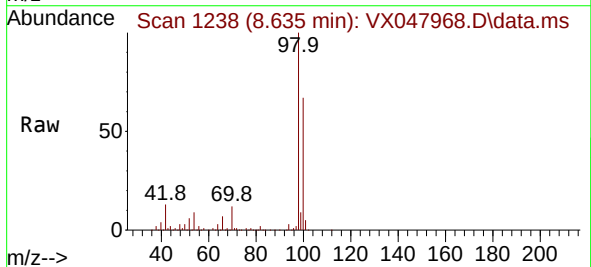
Instrument :
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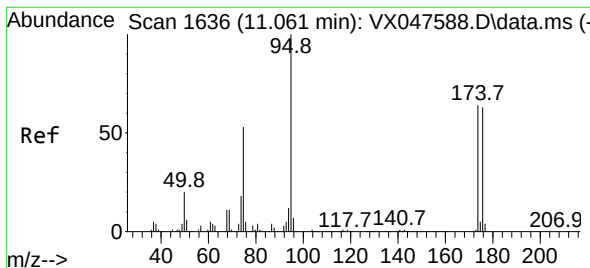
Tgt Ion: 98 Resp: 285299
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.567 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.073 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
58 168.6 30.3 45.5#

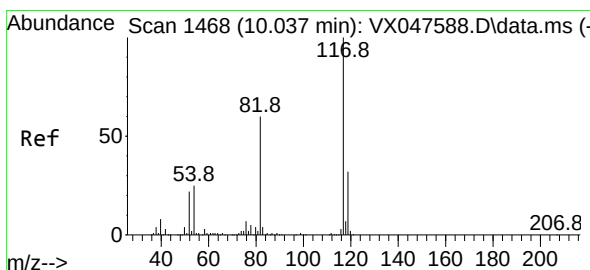
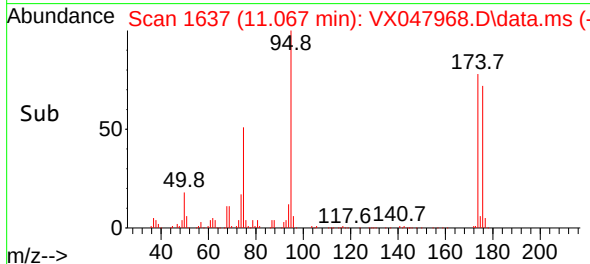
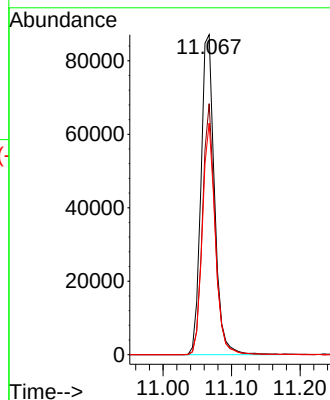
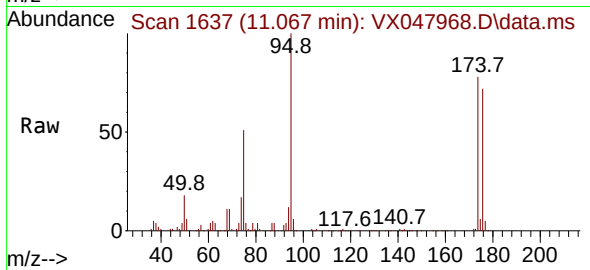




#62
4-Bromofluorobenzene
Concen: 53.726 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

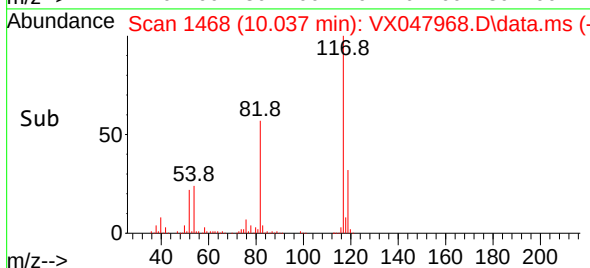
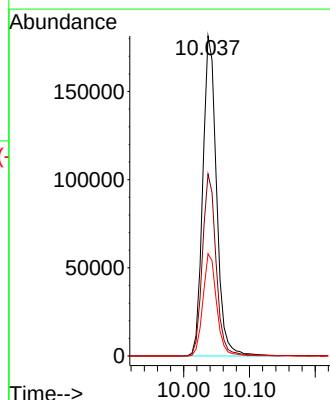
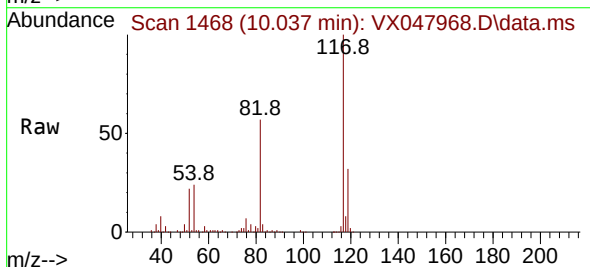
Instrument :
MSVOA_X
ClientSampleId :
TB09-20250912

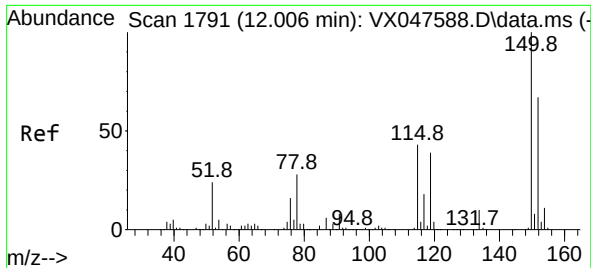
Tgt Ion: 95 Resp: 120212
Ion Ratio Lower Upper
95 100
174 73.0 0.0 141.6
176 69.3 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047968.D
Acq: 02 Oct 2025 15:10

Tgt Ion: 117 Resp: 264333
Ion Ratio Lower Upper
117 100
82 56.9 47.8 71.6
119 32.0 25.2 37.8

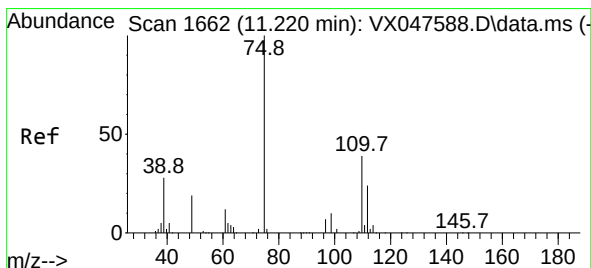
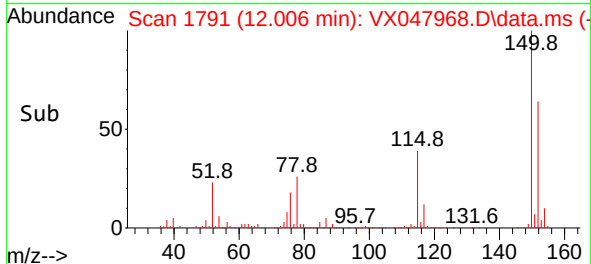
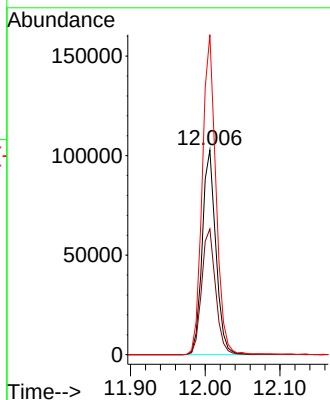
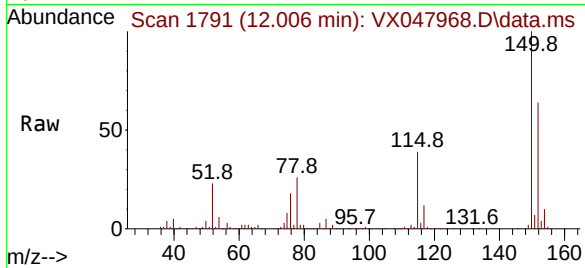




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047968.D
 Acq: 02 Oct 2025 15:10

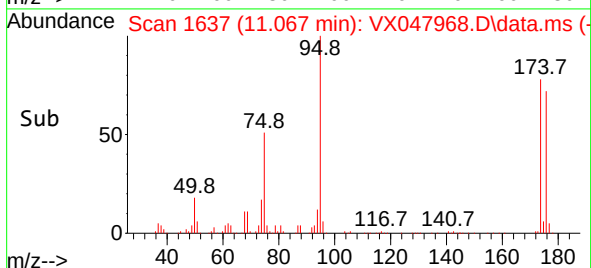
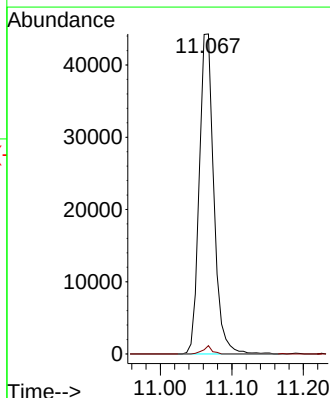
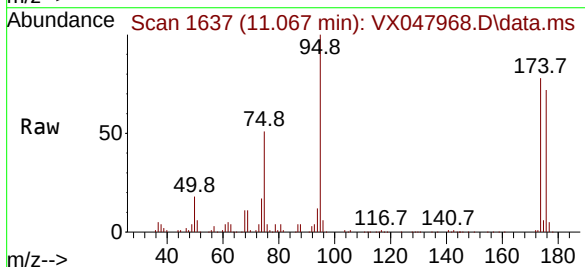
Instrument :
 MSVOA_X
 ClientSampleId :
 TB09-20250912

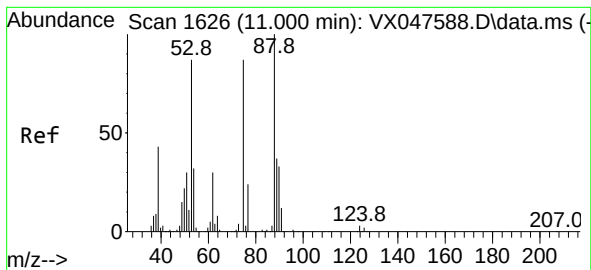
Tgt Ion:152 Resp: 130557
 Ion Ratio Lower Upper
 152 100
 115 62.8 44.9 134.5
 150 157.0 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 23.767 ug/l
 RT: 11.067 min Scan# 1637
 Delta R.T. -0.152 min
 Lab File: VX047968.D
 Acq: 02 Oct 2025 15:10

Tgt Ion: 75 Resp: 62826
 Ion Ratio Lower Upper
 75 100
 77 1.6 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.610 ug/l
 RT: 11.067 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX047968.D
 Acq: 02 Oct 2025 15:10

Instrument :
 MSVOA_X
 ClientSampleId :
 TB09-20250912

Tgt Ion: 75 Resp: 62826
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

