

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047808.D
 Acq On : 25 Sep 2025 13:53
 Operator : JC/MD
 Sample : Q3127-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB06-20250912

Quant Time: Sep 26 01:27:54 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)

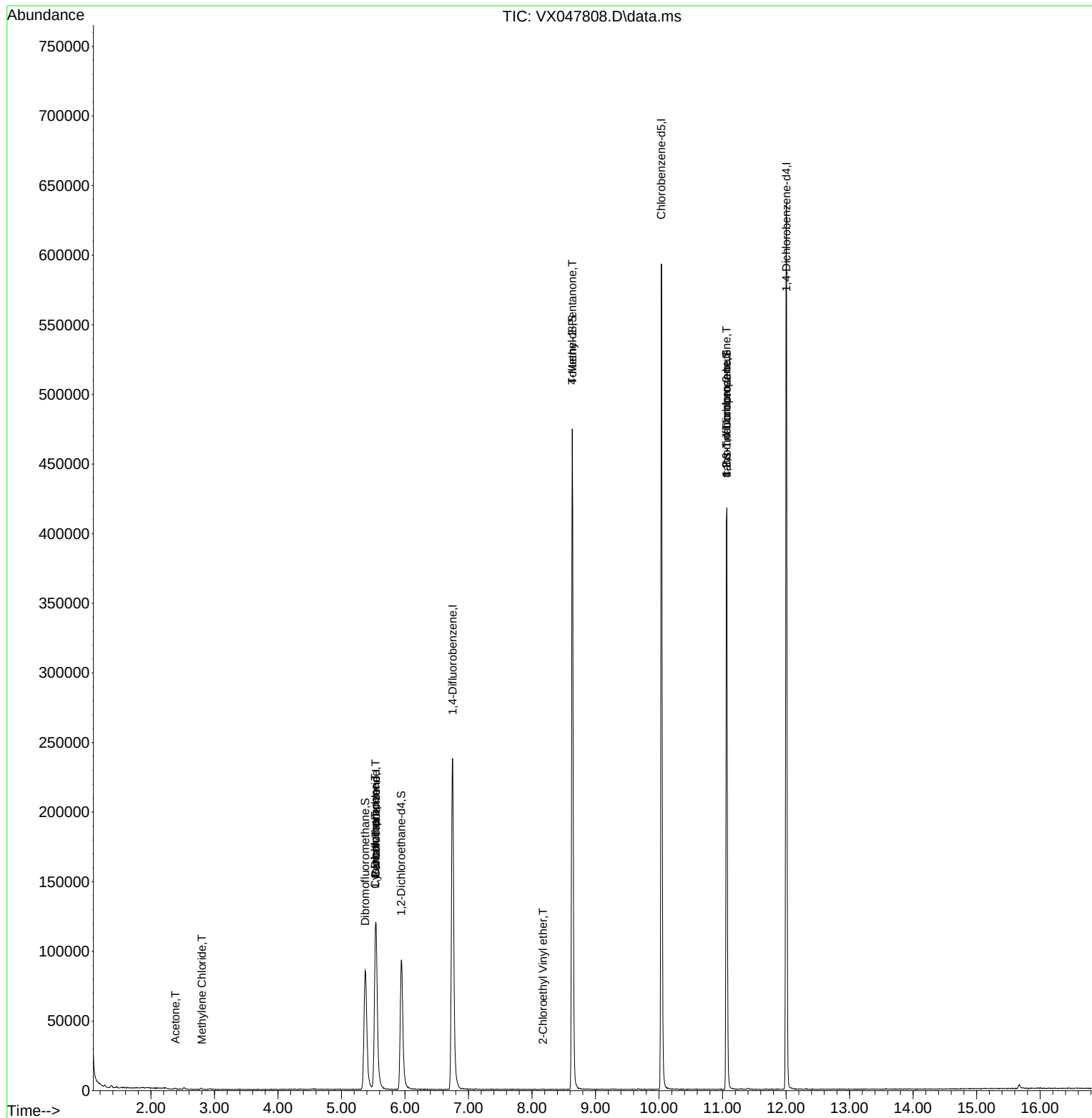
Internal Standards						
1) Pentafluorobenzene	5.544	168	125551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	262060	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	271171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	135532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	101896	50.987	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.980%			
35) Dibromofluoromethane	5.373	113	85463	48.627	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.260%			
50) Toluene-d8	8.634	98	293713	48.297	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.600%			
62) 4-Bromofluorobenzene	11.061	95	123051	53.315	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.640%			
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	969	1.115	ug/l #	45
20) Methylene Chloride	2.800	84	384	0.209	ug/l #	52
31) Cyclohexane	5.531	56	1909	0.723	ug/l #	1
36) 1,1-Dichloropropene	5.531	75	10614	4.133	ug/l #	48
38) Carbon Tetrachloride	5.537	117	13204	4.732	ug/l #	18
51) 4-Methyl-2-Pentanone	8.634	43	1331	0.532	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.171	63	395	8.178	ug/l #	47
76) 1,2,3-Trichloropropane	11.061	75	65067	23.712	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	65067	60.468	ug/l #	8

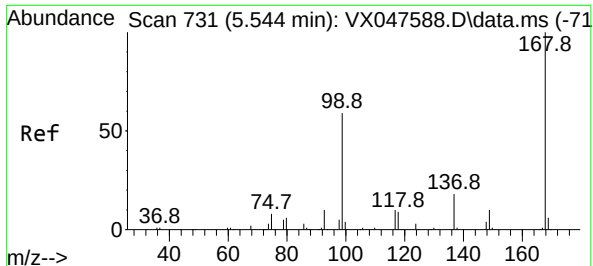
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
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TB06-20250912

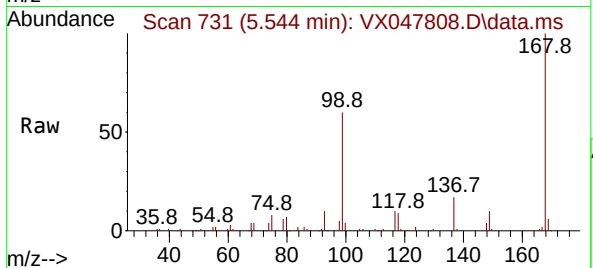
Quant Time: Sep 26 01:27:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



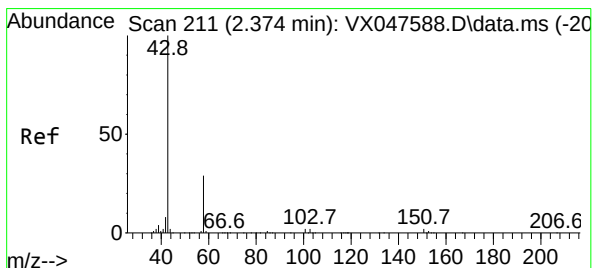
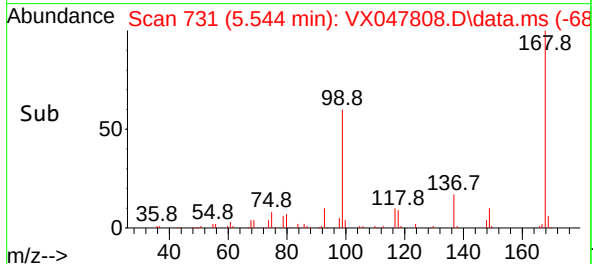
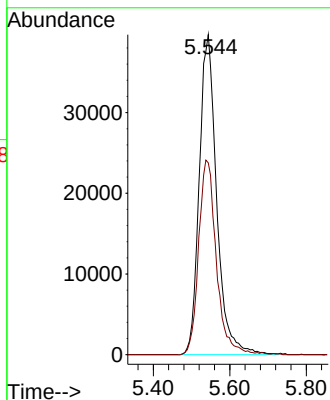


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

Instrument :
MSVOA_X
ClientSampleId :
TB06-20250912

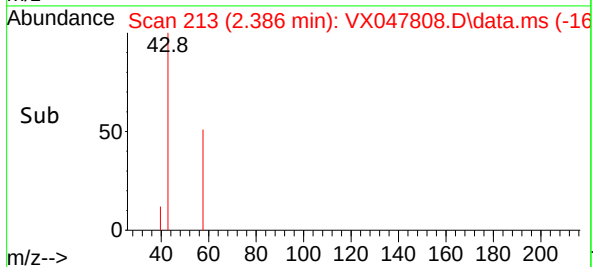
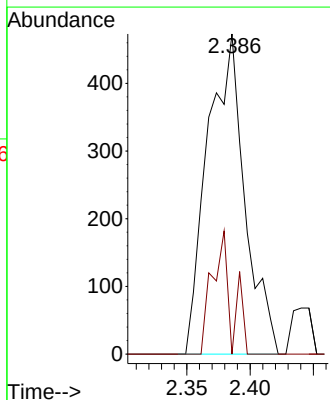
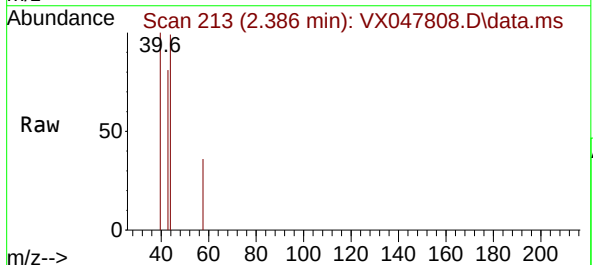


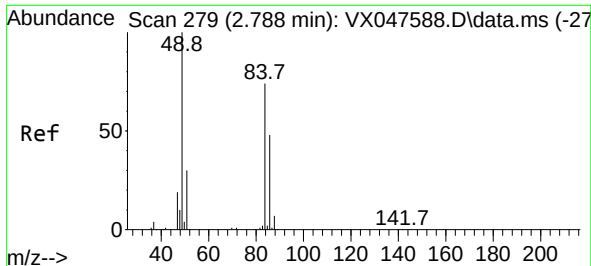
Tgt Ion:168 Resp: 125551
Ion Ratio Lower Upper
168 100
99 59.9 48.8 73.2



#16
Acetone
Concen: 1.115 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

Tgt Ion: 43 Resp: 969
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#

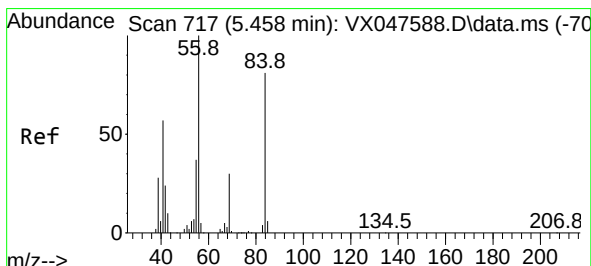
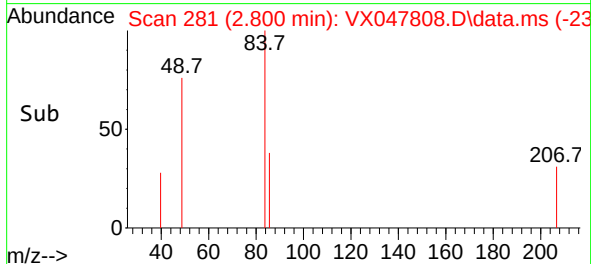
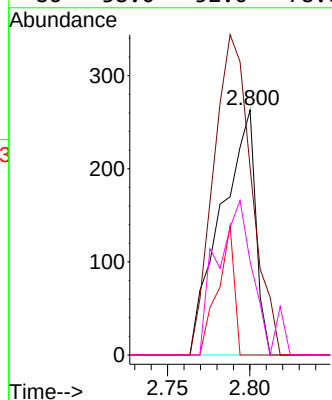
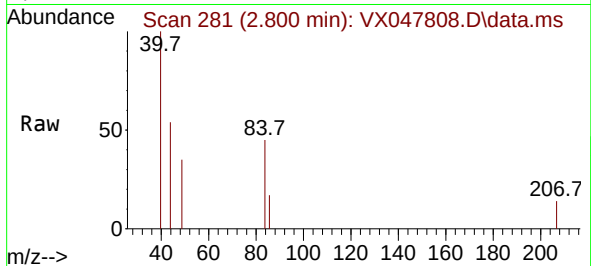




#20
Methylene Chloride
Concen: 0.209 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

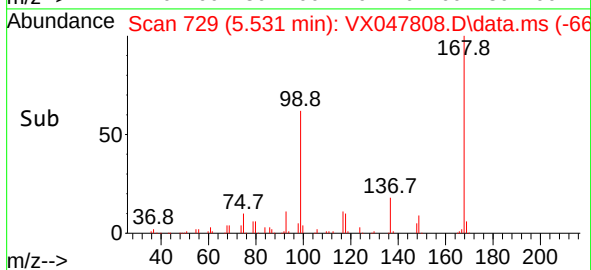
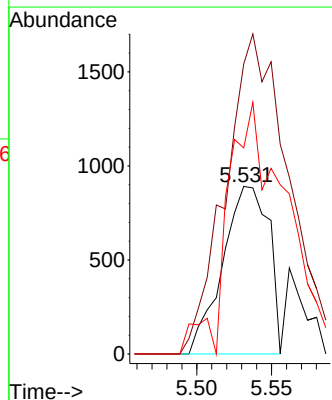
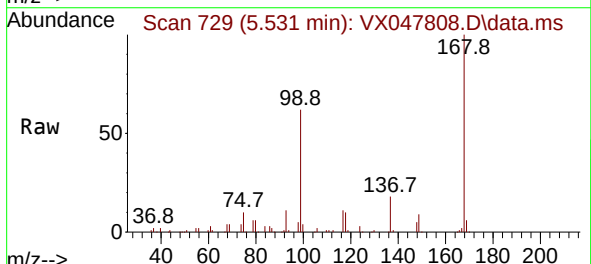
Instrument :
MSVOA_X
ClientSampleId :
TB06-20250912

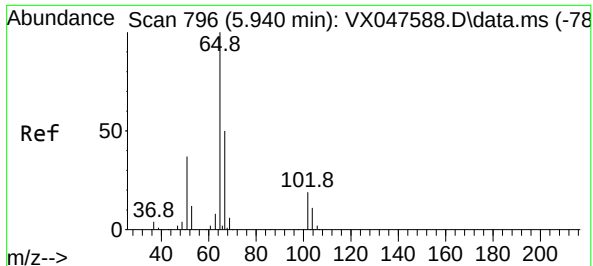
Tgt Ion:	84	Resp:	384
Ion	Ratio	Lower	Upper
84	100		
49	76.4	108.6	162.8#
51	0.0	32.6	48.8#
86	38.0	52.0	78.0#



#31
Cyclohexane
Concen: 0.723 ug/l
RT: 5.531 min Scan# 729
Delta R.T. 0.073 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

Tgt Ion:	56	Resp:	1909
Ion	Ratio	Lower	Upper
56	100		
69	173.1	23.8	35.8#
84	123.0	64.6	97.0#





#33

1,2-Dichloroethane-d4

Concen: 50.987 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047808.D

Acq: 25 Sep 2025 13:53

Instrument :

MSVOA_X

ClientSampleId :

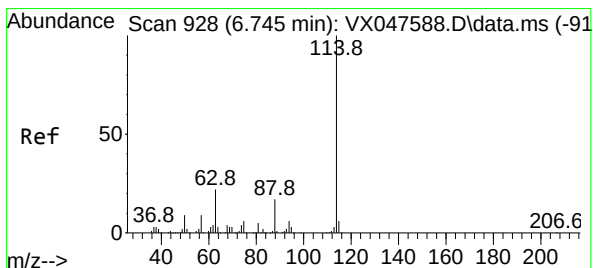
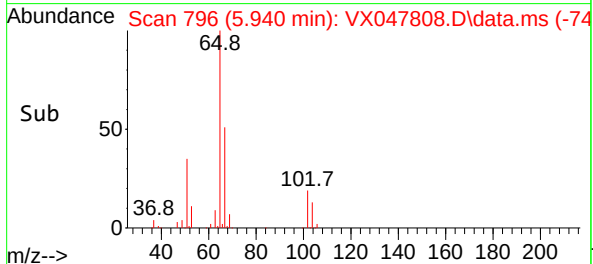
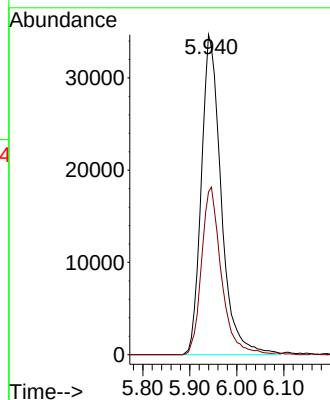
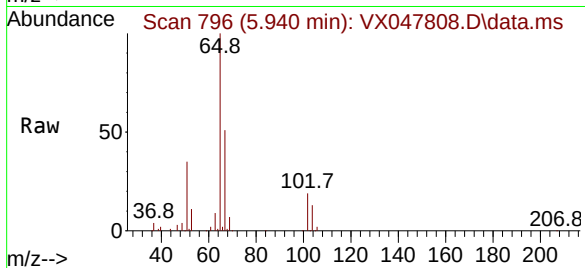
TB06-20250912

Tgt Ion: 65 Resp: 101896

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# 929

Delta R.T. 0.006 min

Lab File: VX047808.D

Acq: 25 Sep 2025 13:53

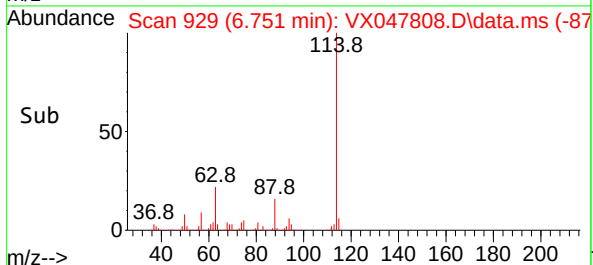
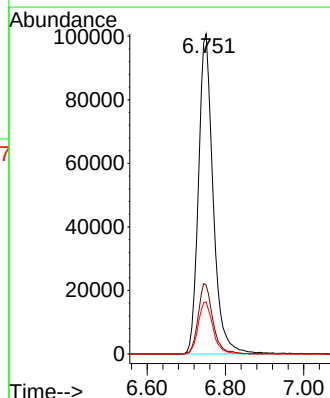
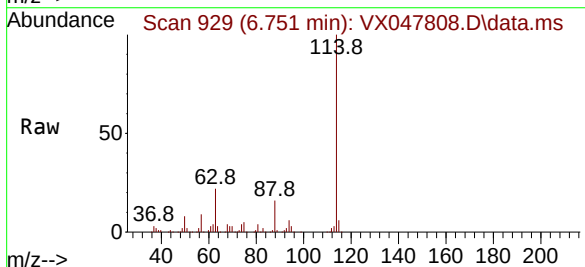
Tgt Ion: 114 Resp: 262060

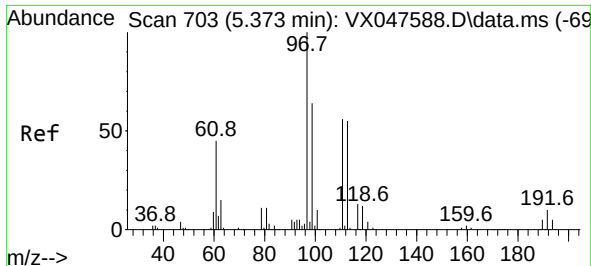
Ion Ratio Lower Upper

114 100

63 24.3 0.0 44.0

88 16.3 0.0 34.2

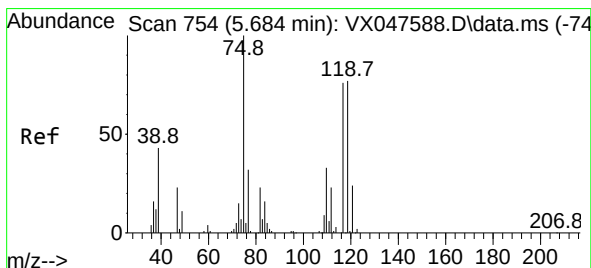
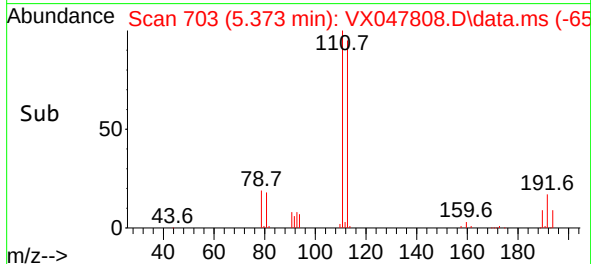
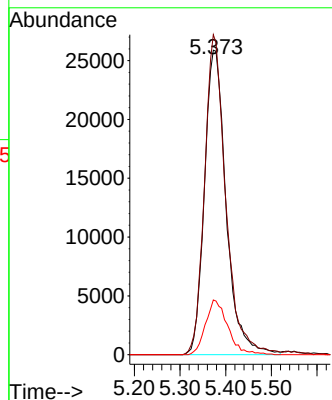
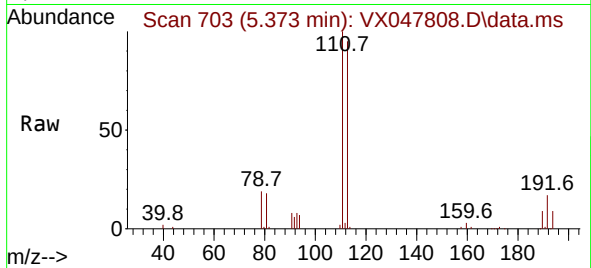




#35
Dibromofluoromethane
Concen: 48.627 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

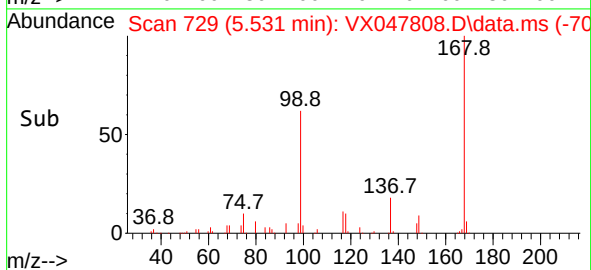
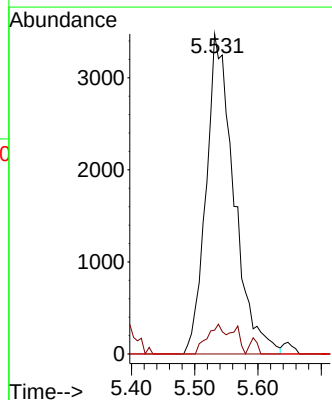
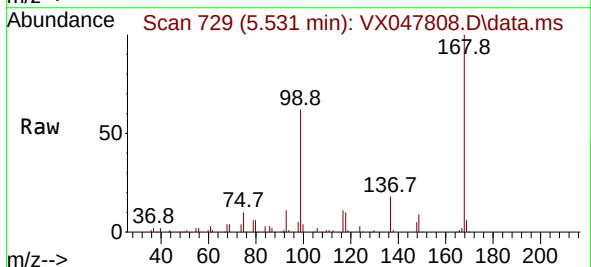
Instrument :
MSVOA_X
ClientSampleId :
TB06-20250912

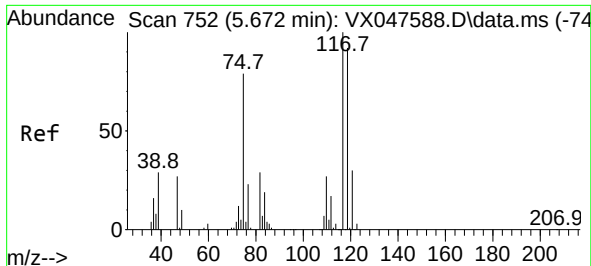
Tgt Ion:113 Resp: 85463
Ion Ratio Lower Upper
113 100
111 103.0 80.9 121.3
192 18.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.133 ug/l
RT: 5.531 min Scan# 729
Delta R.T. -0.153 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

Tgt Ion: 75 Resp: 10614
Ion Ratio Lower Upper
75 100
110 5.9 16.7 50.1#
77 0.0 24.3 36.5#

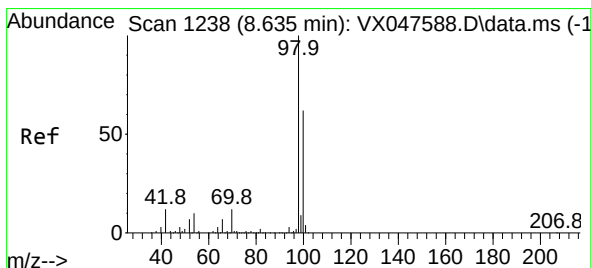
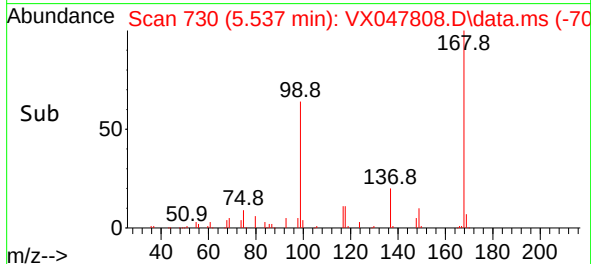
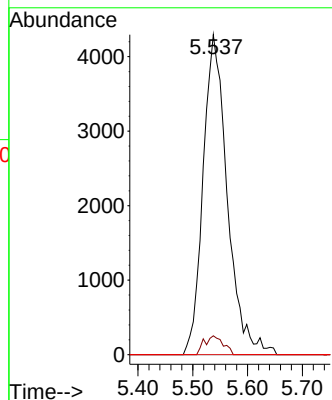
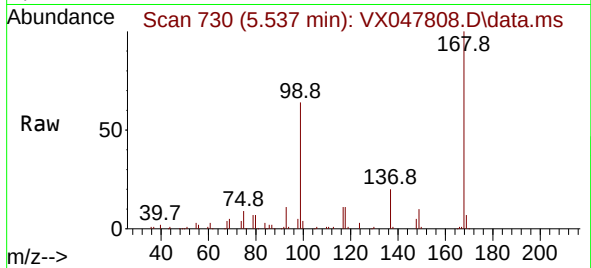




#38
Carbon Tetrachloride
Concen: 4.732 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

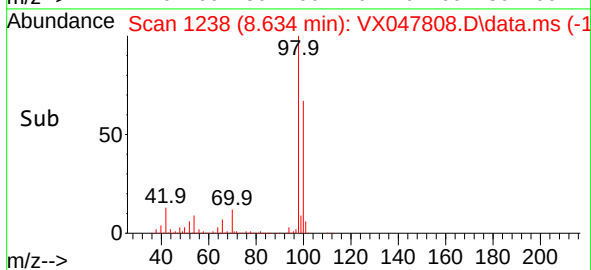
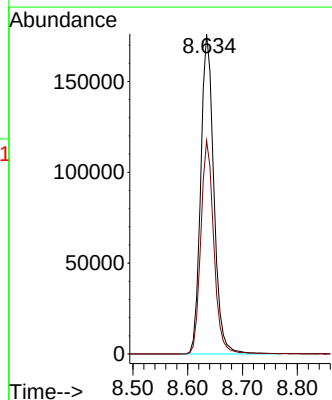
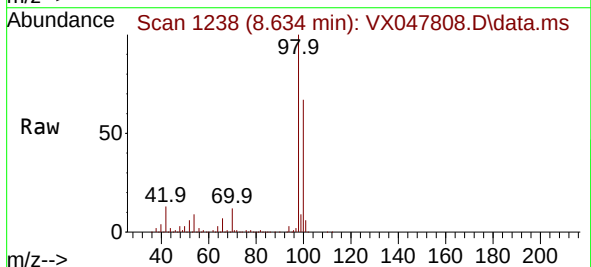
Instrument :
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ClientSampleId :
TB06-20250912

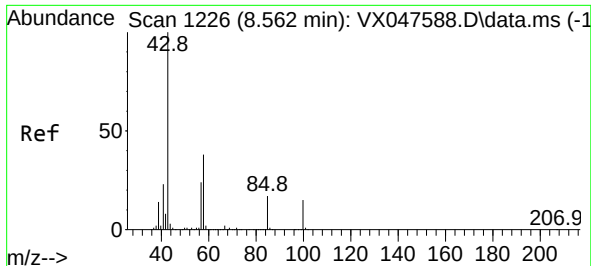
Tgt Ion:117 Resp: 13204
Ion Ratio Lower Upper
117 100
119 5.9 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.297 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

Tgt Ion: 98 Resp: 293713
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4

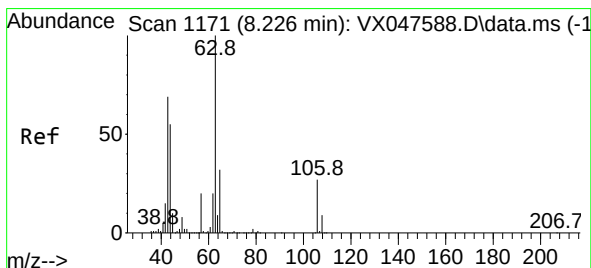
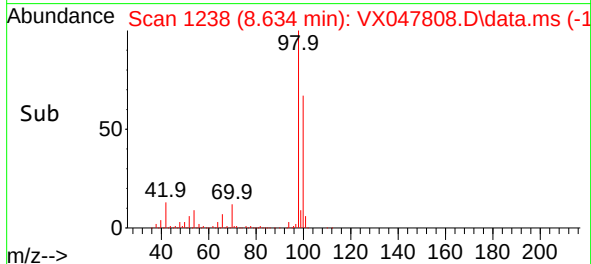
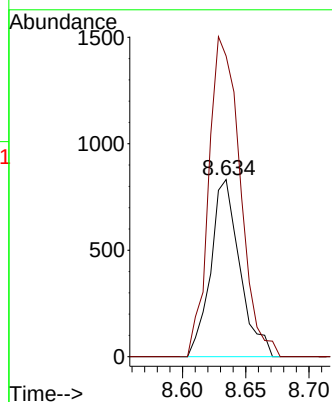
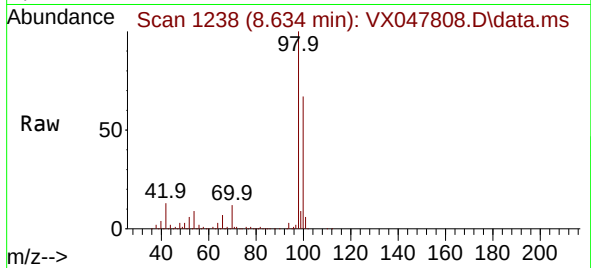




#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 8.634 min Scan# 1162
Delta R.T. 0.073 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

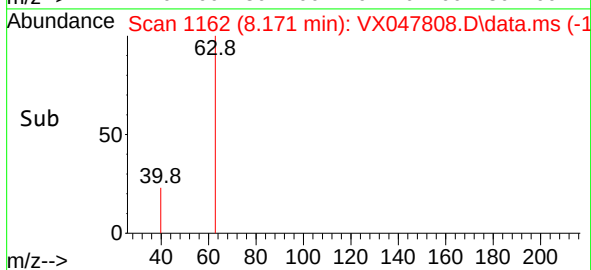
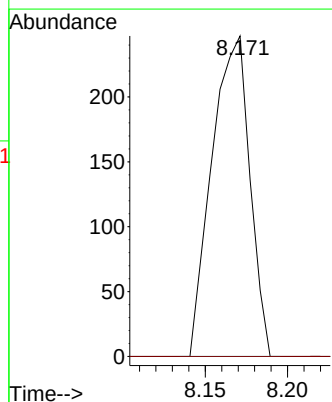
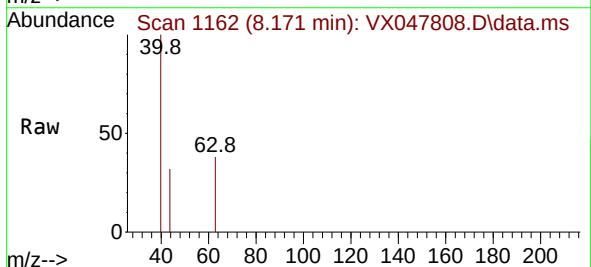
Instrument :
MSVOA_X
ClientSampleId :
TB06-20250912

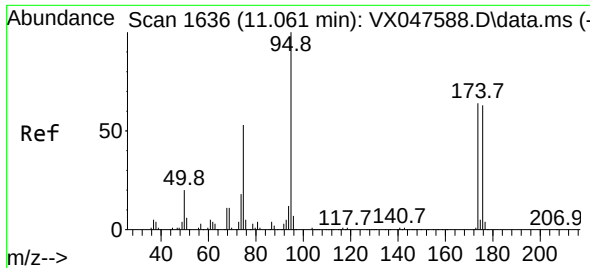
Tgt Ion: 43 Resp: 1331
Ion Ratio Lower Upper
43 100
58 194.4 30.3 45.5#



#58
2-Chloroethyl Vinyl ether
Concen: 8.178 ug/l
RT: 8.171 min Scan# 1162
Delta R.T. -0.055 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

Tgt Ion: 63 Resp: 395
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#

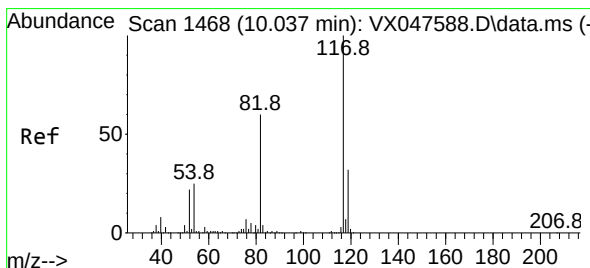
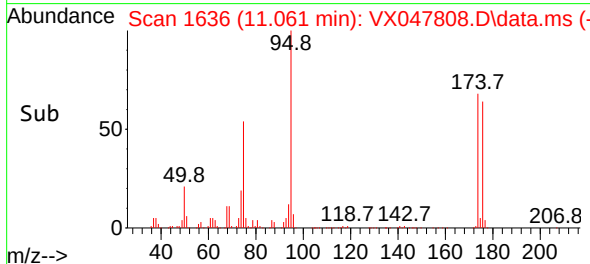
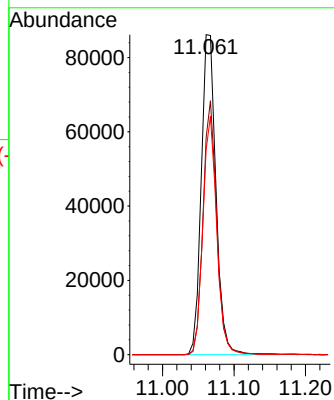
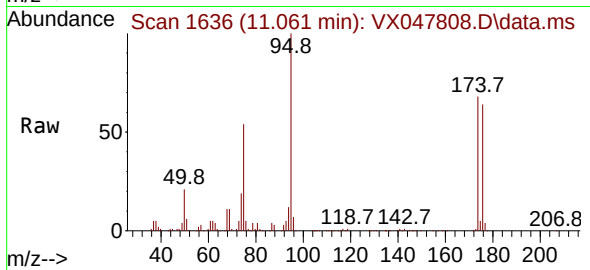




#62
4-Bromofluorobenzene
Concen: 53.315 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

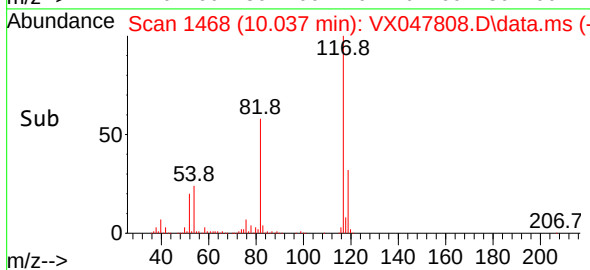
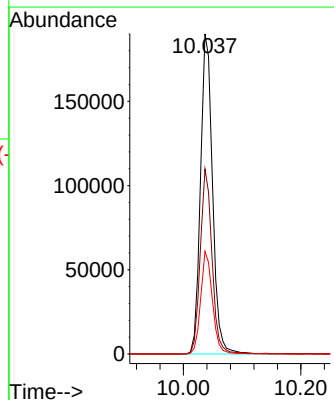
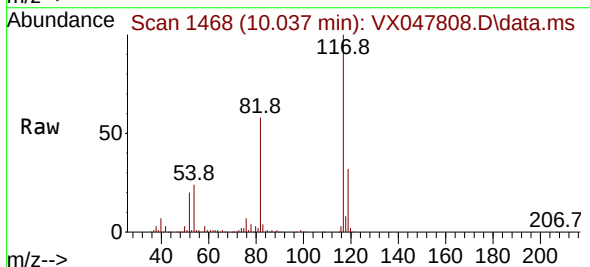
Instrument :
MSVOA_X
ClientSampleId :
TB06-20250912

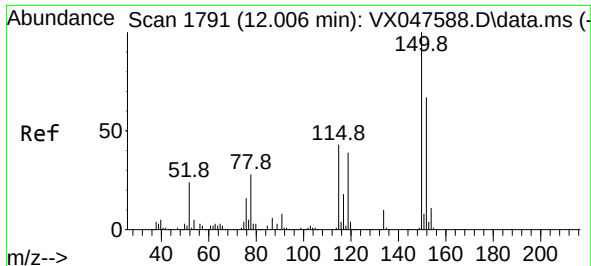
Tgt Ion: 95 Resp: 123051
Ion Ratio Lower Upper
95 100
174 74.3 0.0 141.6
176 70.3 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047808.D
Acq: 25 Sep 2025 13:53

Tgt Ion: 117 Resp: 271171
Ion Ratio Lower Upper
117 100
82 57.8 47.8 71.6
119 32.1 25.2 37.8

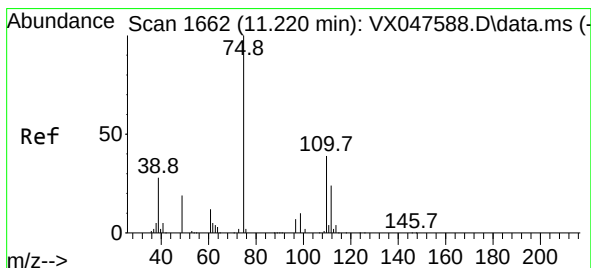
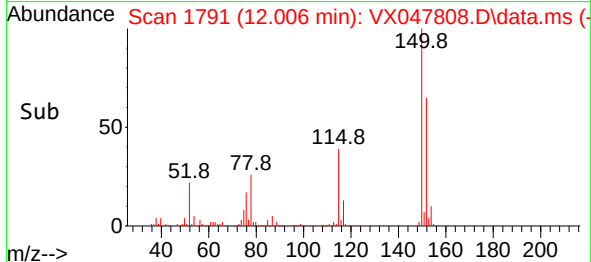
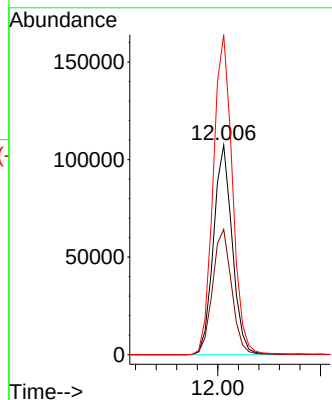
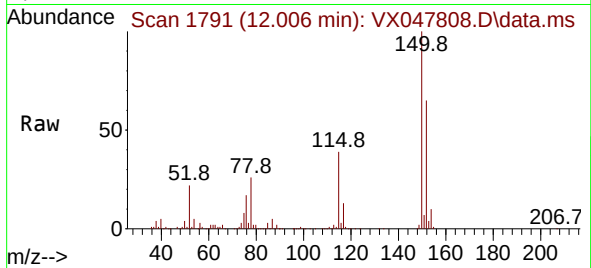




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX047808.D
 Acq: 25 Sep 2025 13:53

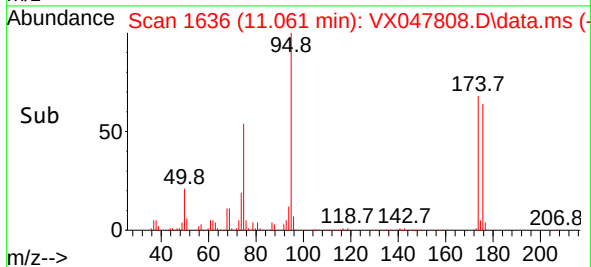
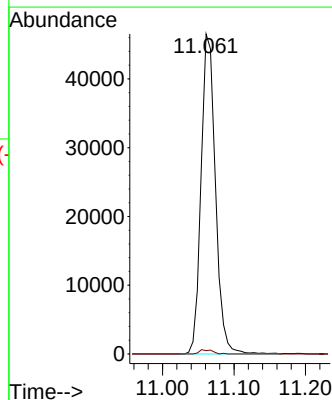
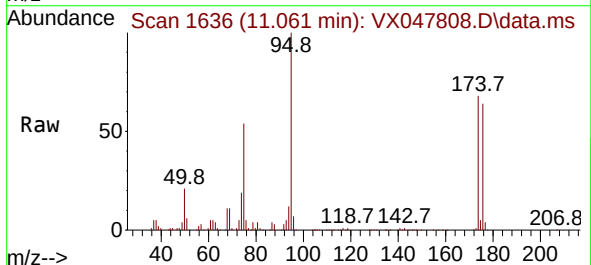
Instrument :
 MSVOA_X
 ClientSampleId :
 TB06-20250912

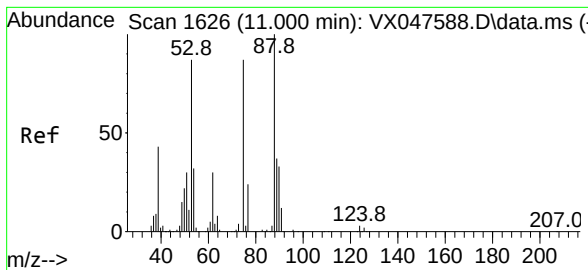
Tgt Ion:152 Resp: 135532
 Ion Ratio Lower Upper
 152 100
 115 61.1 44.9 134.5
 150 156.6 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 23.712 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX047808.D
 Acq: 25 Sep 2025 13:53

Tgt Ion: 75 Resp: 65067
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.468 ug/l
 RT: 11.061 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX047808.D
 Acq: 25 Sep 2025 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 TB06-20250912

Tgt Ion: 75 Resp: 65067
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

