

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047646.D
 Acq On : 18 Sep 2025 17:06
 Operator : JC/MD
 Sample : Q3095-33
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20250911

Quant Time: Sep 22 03:40:14 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)

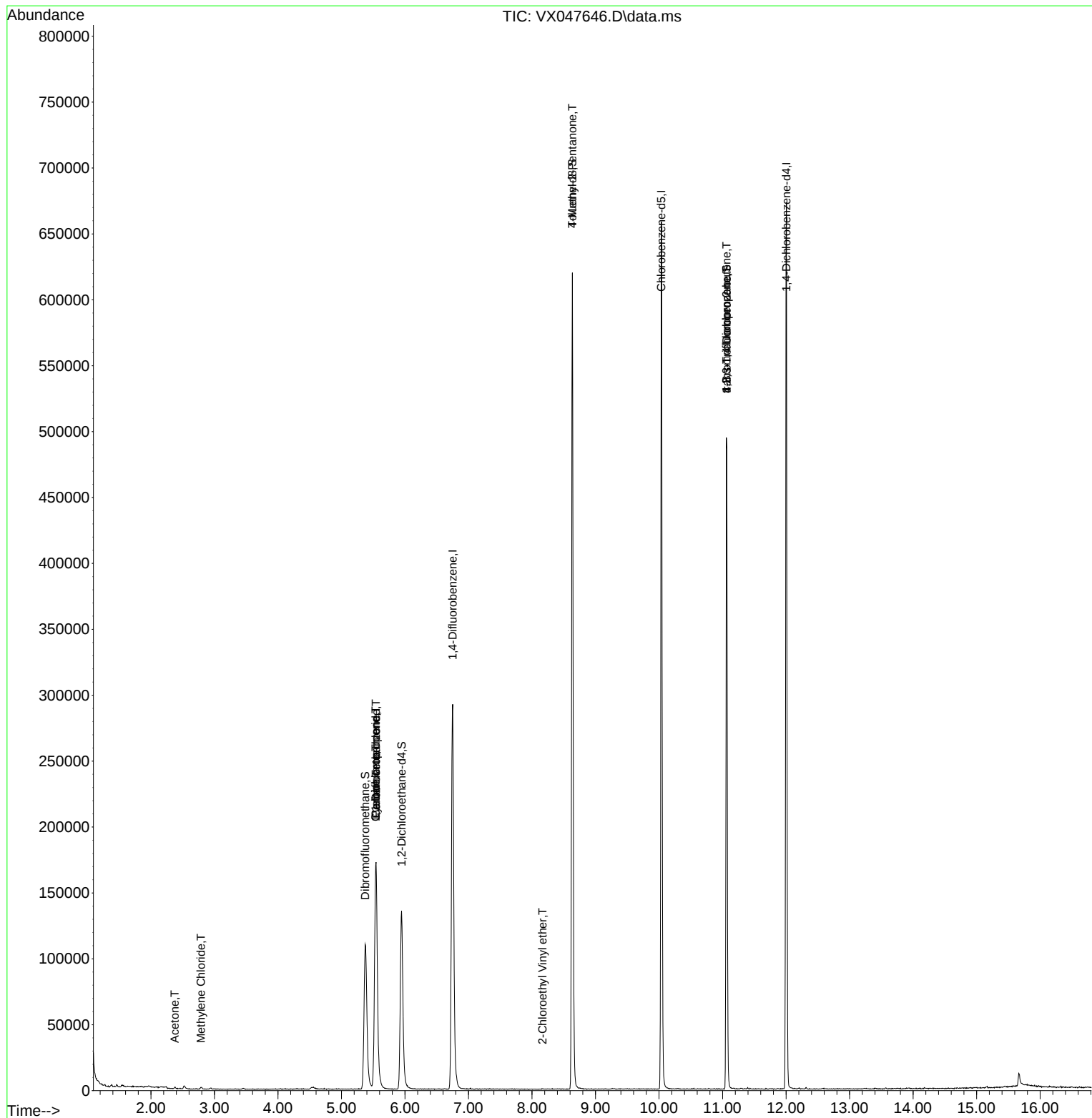
Internal Standards						
1) Pentafluorobenzene	5.544	168	176470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	323882	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	293861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	145202	51.692	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.380%	
35) Dibromofluoromethane	5.373	113	109244	50.293	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.580%	
50) Toluene-d8	8.635	98	380602	50.639	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	11.061	95	146283	51.283	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.560%	
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	1851	1.516	ug/l #	68
20) Methylene Chloride	2.788	84	582	0.225	ug/l #	72
31) Cyclohexane	5.538	56	4368	1.177	ug/l #	35
36) 1,1-Dichloropropene	5.538	75	15263	4.809	ug/l #	50
38) Carbon Tetrachloride	5.544	117	18974	5.502	ug/l #	18
51) 4-Methyl-2-Pentanone	8.635	43	1786	0.578	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.165	63	376	8.112	ug/l #	47
76) 1,2,3-Trichloropropane	11.061	75	74939	26.038	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	74939	66.400	ug/l #	8

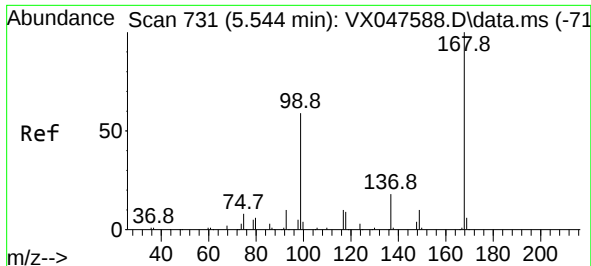
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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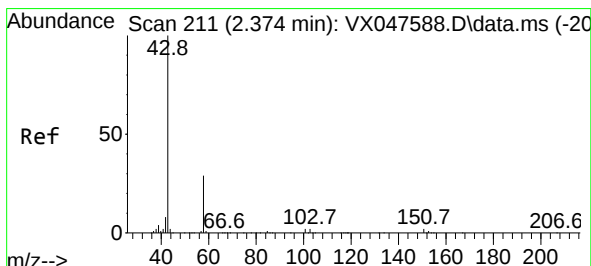
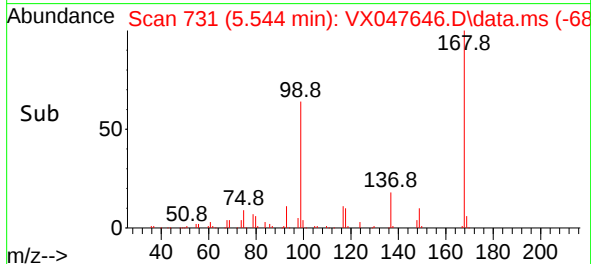
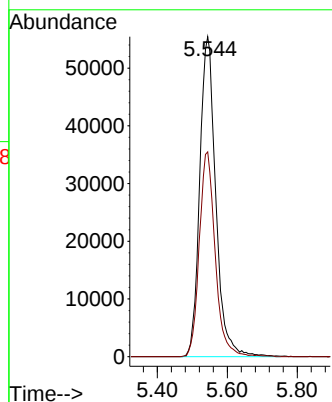
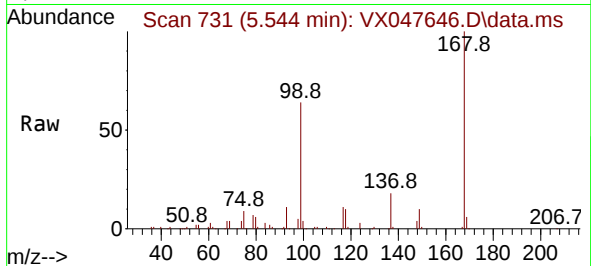




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047646.D
Acq: 18 Sep 2025 17:06

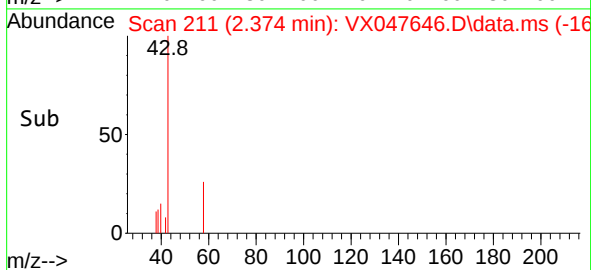
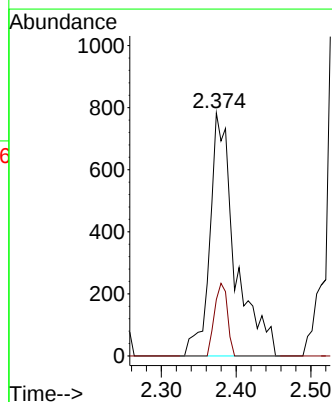
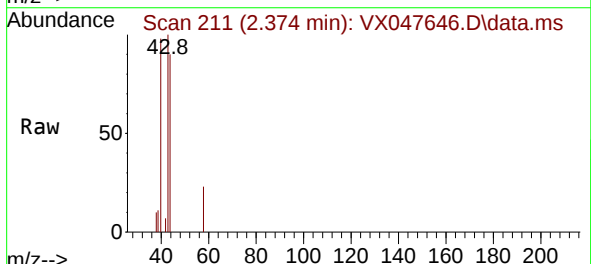
Instrument :
MSVOA_X
ClientSampleId :
TB01-20250911

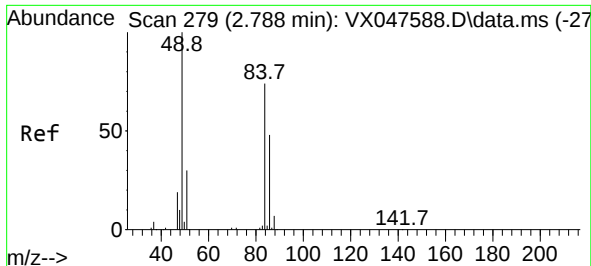
Tgt Ion:168 Resp: 176470
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2



#16
Acetone
Concen: 1.516 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047646.D
Acq: 18 Sep 2025 17:06

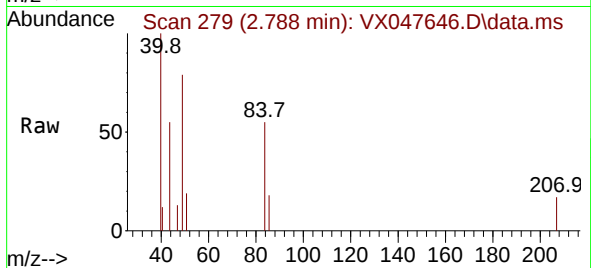
Tgt Ion: 43 Resp: 1851
Ion Ratio Lower Upper
43 100
58 12.3 23.4 35.0#



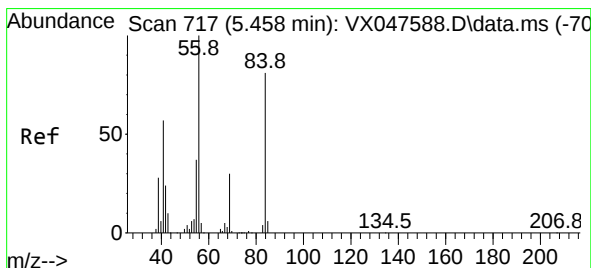
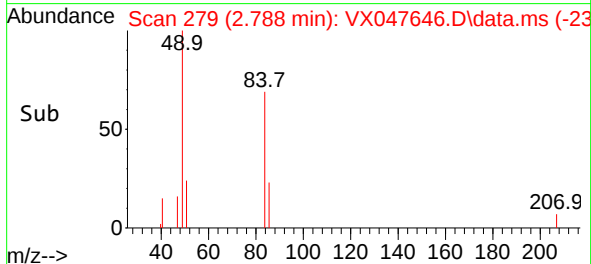
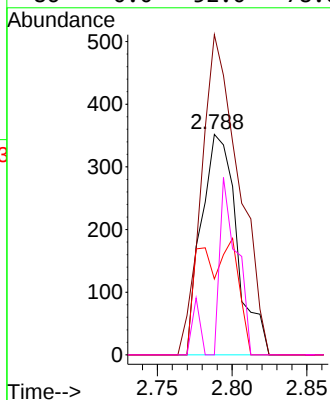


#20
Methylene Chloride
Concen: 0.225 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047646.D
Acq: 18 Sep 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
TB01-20250911

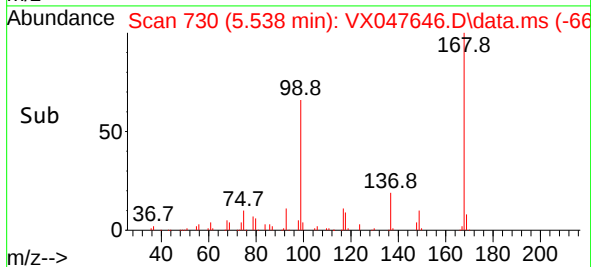
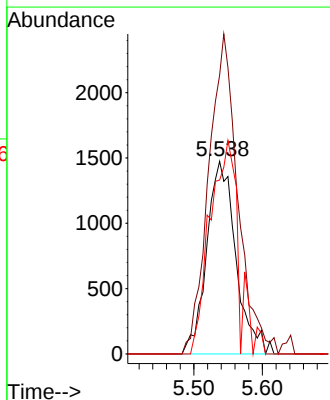
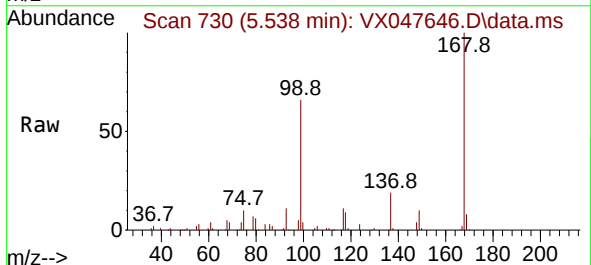


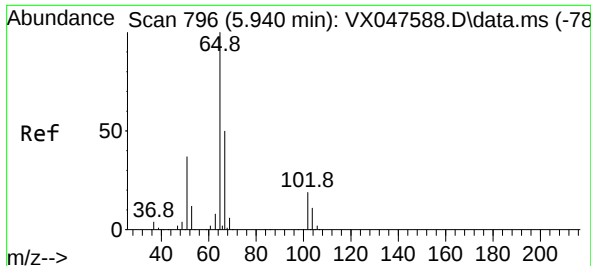
Tgt Ion:	84	Resp:	582
Ion	Ratio	Lower	Upper
84	100		
49	145.2	108.6	162.8
51	34.4	32.6	48.8
86	0.0	52.0	78.0



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX047646.D
Acq: 18 Sep 2025 17:06

Tgt Ion:	56	Resp:	4368
Ion	Ratio	Lower	Upper
56	100		
69	144.7	23.8	35.8
84	90.3	64.6	97.0





#33

1,2-Dichloroethane-d4

Concen: 51.692 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047646.D

Acq: 18 Sep 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

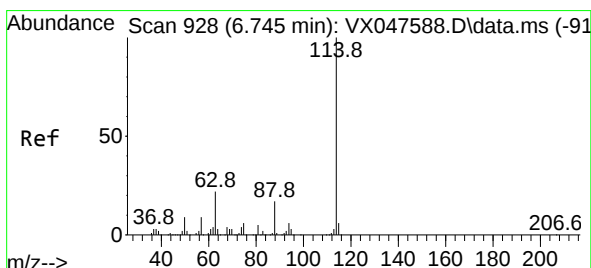
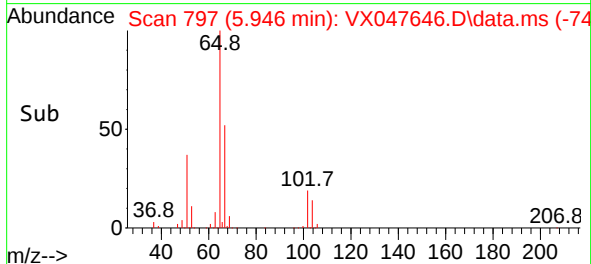
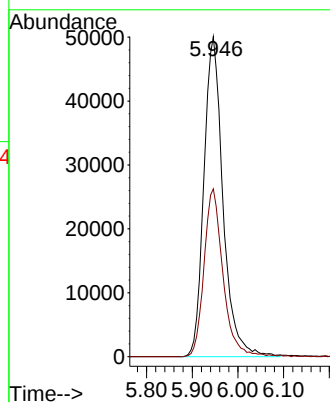
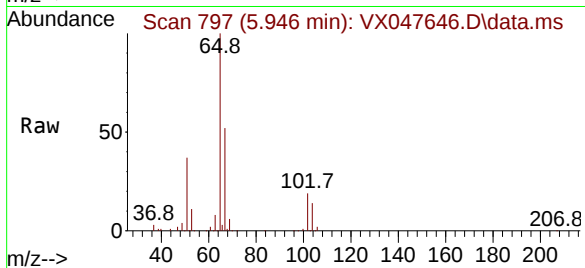
TB01-20250911

Tgt Ion: 65 Resp: 145202

Ion Ratio Lower Upper

65 100

67 52.2 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: VX047646.D

Acq: 18 Sep 2025 17:06

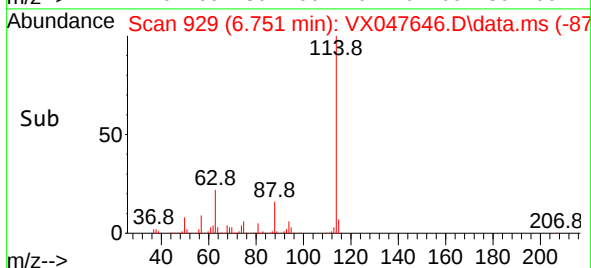
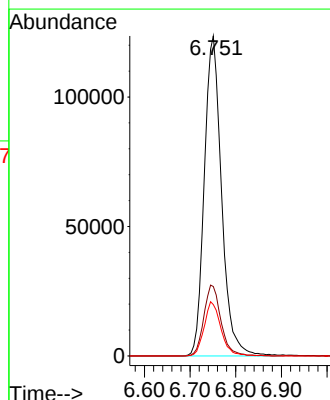
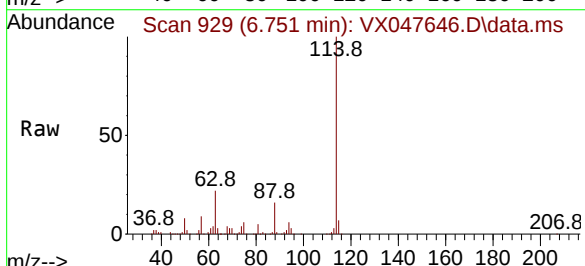
Tgt Ion: 114 Resp: 323882

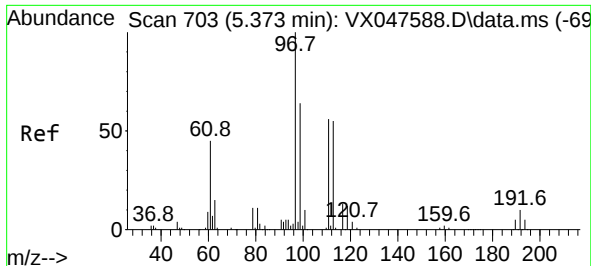
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.0

88 16.1 0.0 34.2

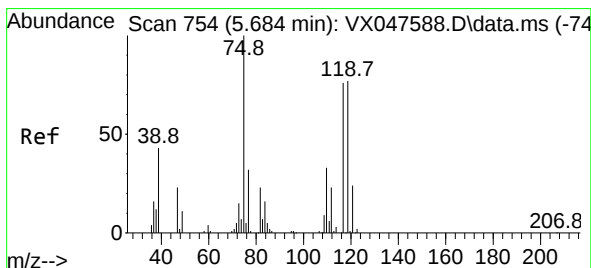
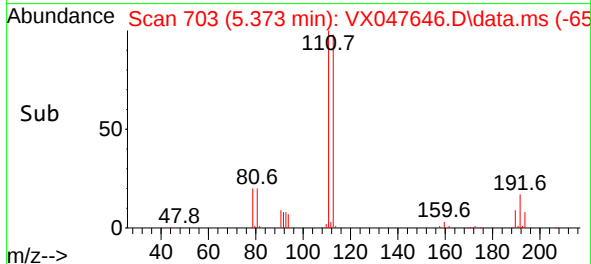
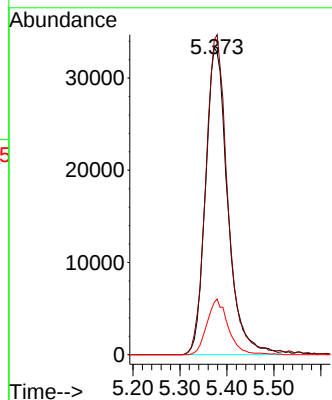
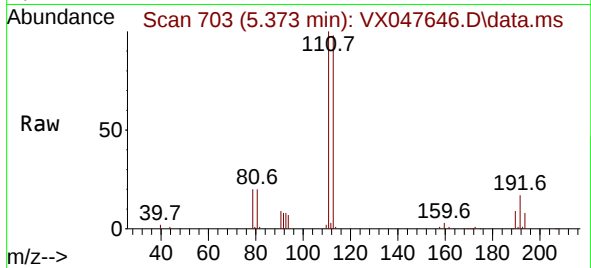




#35
Dibromofluoromethane
Concen: 50.293 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047646.D
Acq: 18 Sep 2025 17:06

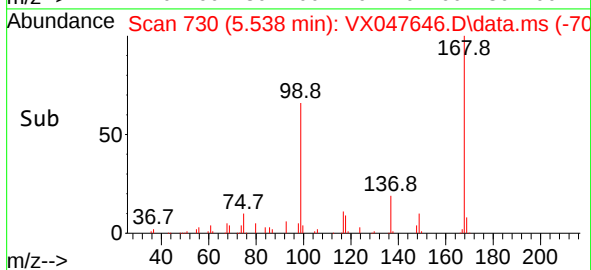
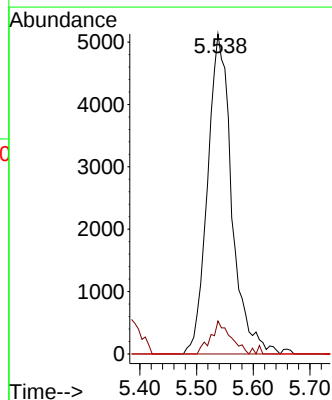
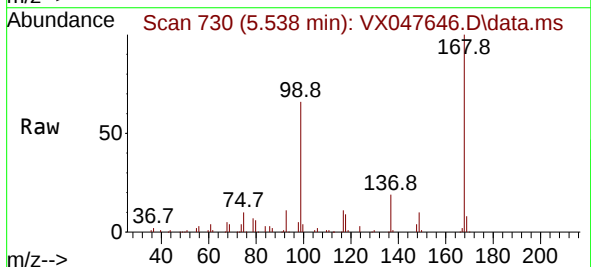
Instrument :
MSVOA_X
ClientSampleId :
TB01-20250911

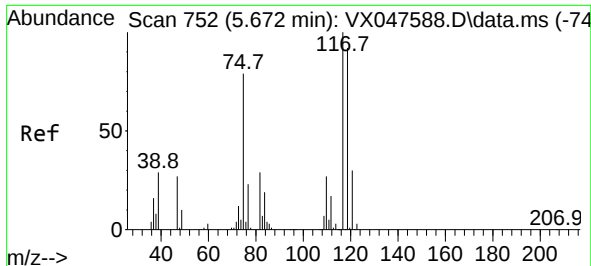
Tgt Ion:113 Resp: 109244
Ion Ratio Lower Upper
113 100
111 102.8 80.9 121.3
192 17.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.809 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX047646.D
Acq: 18 Sep 2025 17:06

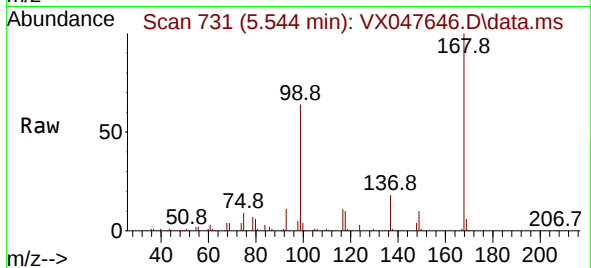
Tgt Ion: 75 Resp: 15263
Ion Ratio Lower Upper
75 100
110 8.3 16.7 50.1#
77 0.0 24.3 36.5#



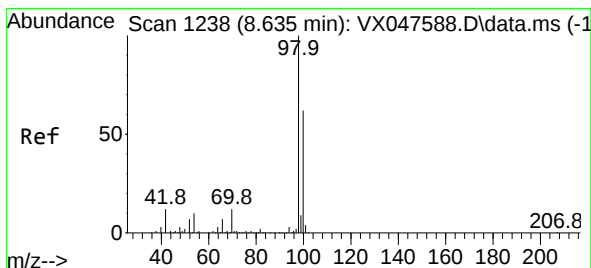
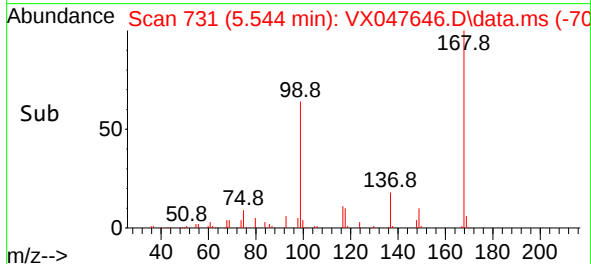
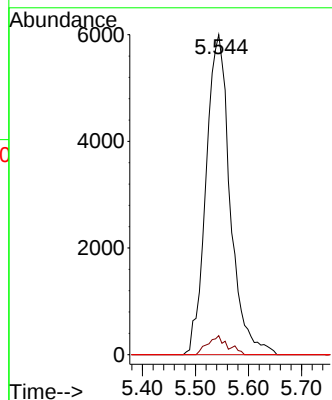


#38
Carbon Tetrachloride
Concen: 5.502 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047646.D
Acq: 18 Sep 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
TB01-20250911

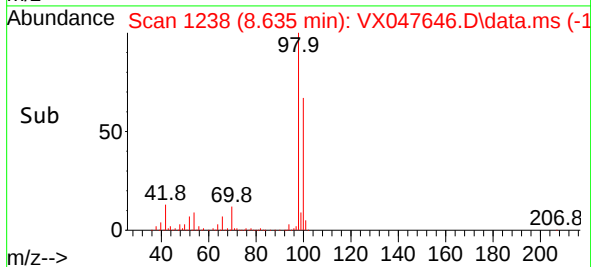
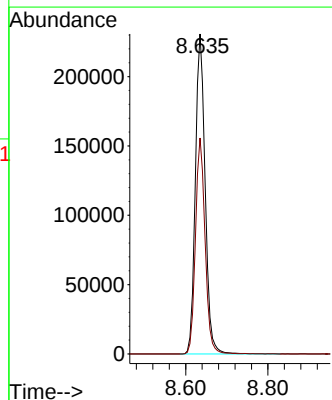
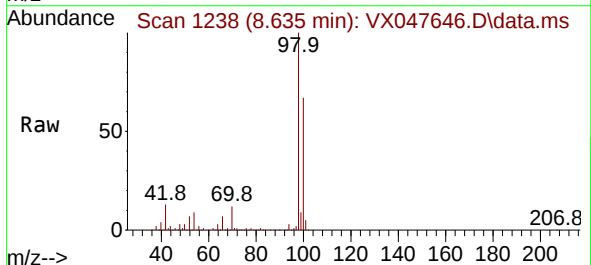


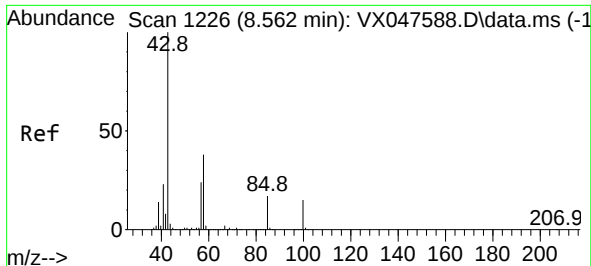
Tgt Ion:117 Resp: 18974
Ion Ratio Lower Upper
117 100
119 5.9 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.639 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047646.D
Acq: 18 Sep 2025 17:06

Tgt Ion: 98 Resp: 380602
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 0.578 ug/l

RT: 8.635 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX047646.D

Acq: 18 Sep 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

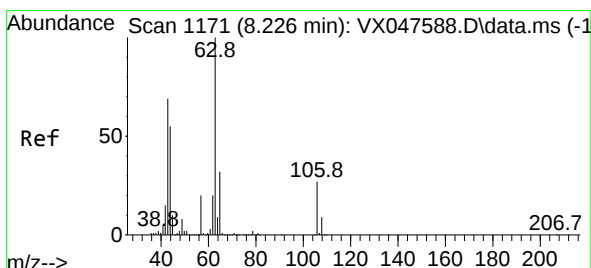
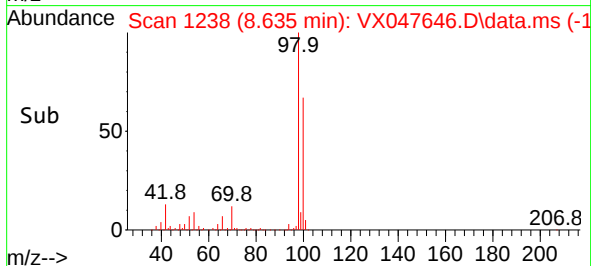
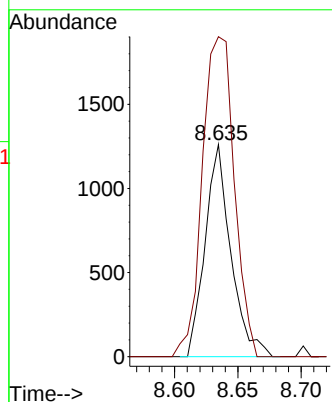
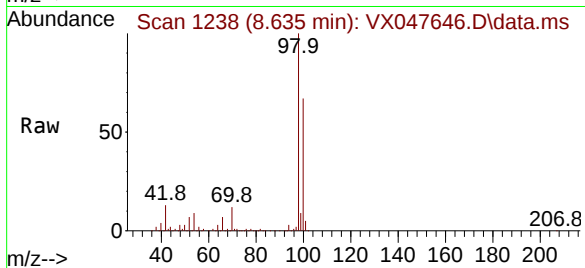
TB01-20250911

Tgt Ion: 43 Resp: 1786

Ion Ratio Lower Upper

43 100

58 187.2 30.3 45.5#



#58

2-Chloroethyl Vinyl ether

Concen: 8.112 ug/l

RT: 8.165 min Scan# 1161

Delta R.T. -0.061 min

Lab File: VX047646.D

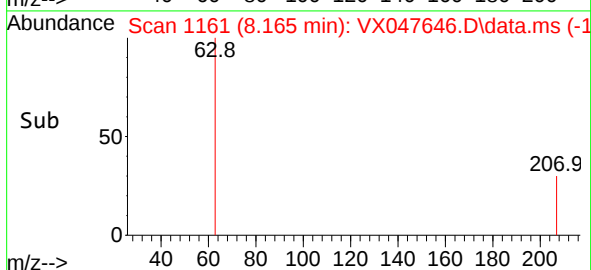
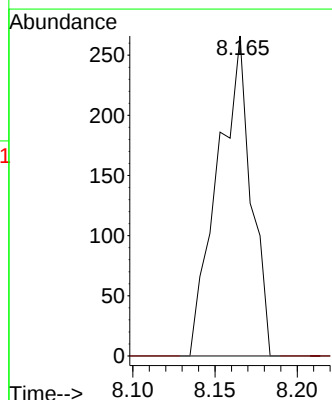
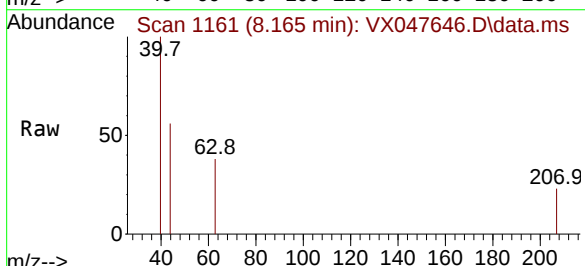
Acq: 18 Sep 2025 17:06

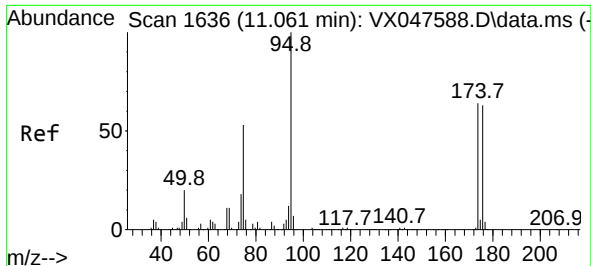
Tgt Ion: 63 Resp: 376

Ion Ratio Lower Upper

63 100

106 0.0 21.9 32.9#

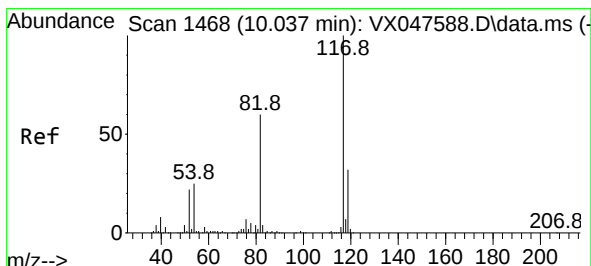
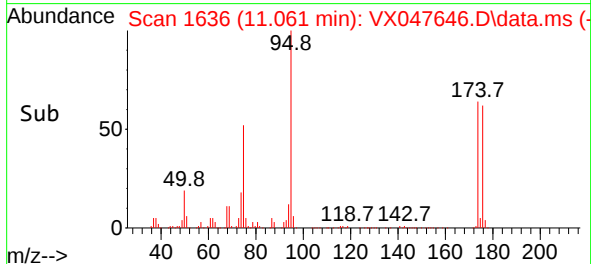
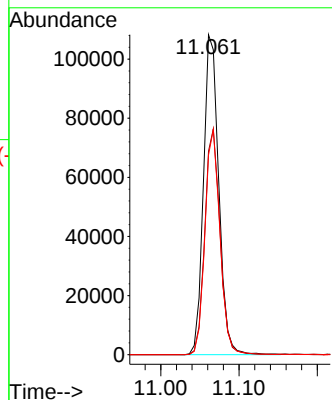
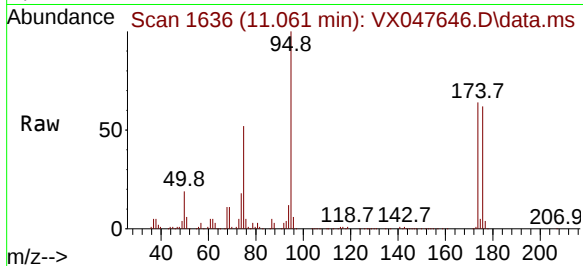




#62
4-Bromofluorobenzene
Concen: 51.283 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047646.D
Acq: 18 Sep 2025 17:06

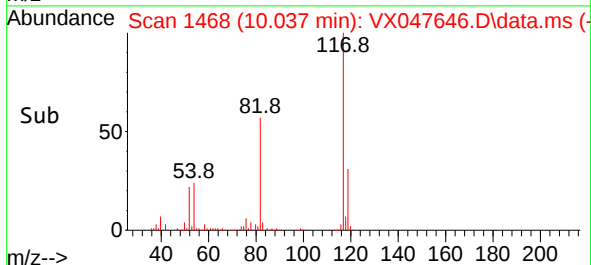
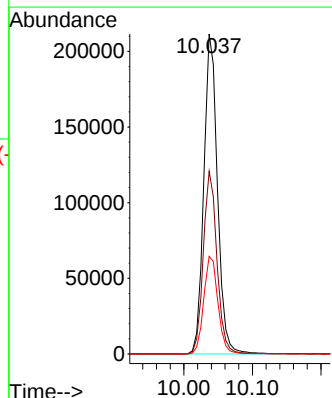
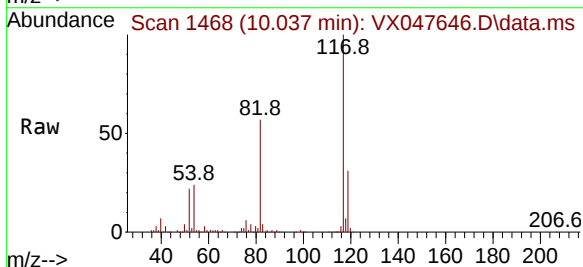
Instrument :
MSVOA_X
ClientSampleId :
TB01-20250911

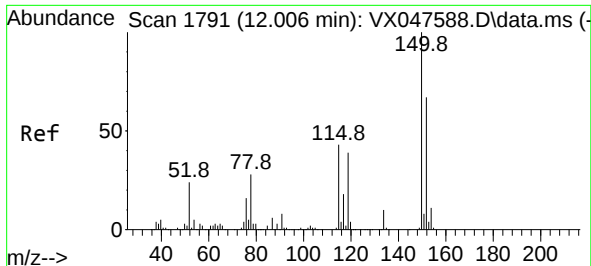
Tgt Ion: 95 Resp: 146283
Ion Ratio Lower Upper
95 100
174 70.7 0.0 141.6
176 69.1 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047646.D
Acq: 18 Sep 2025 17:06

Tgt Ion: 117 Resp: 293861
Ion Ratio Lower Upper
117 100
82 57.1 47.8 71.6
119 30.5 25.2 37.8

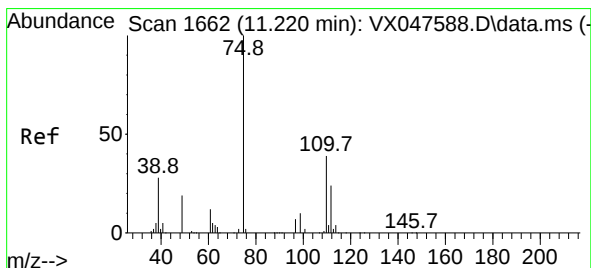
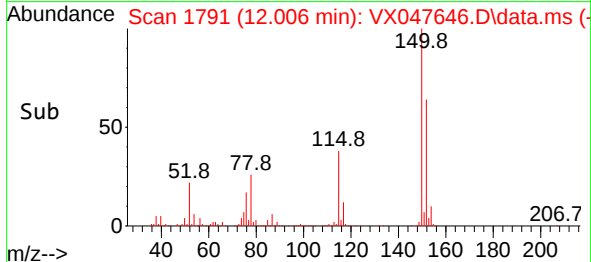
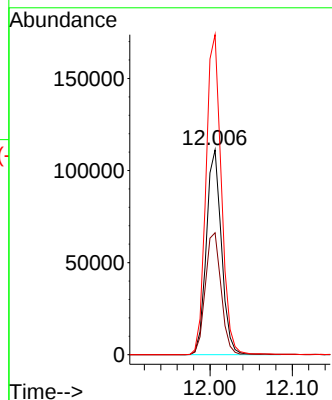
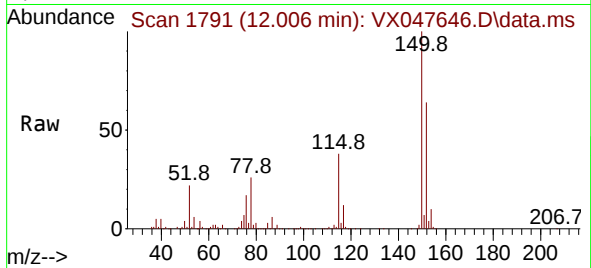




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX047646.D
 Acq: 18 Sep 2025 17:06

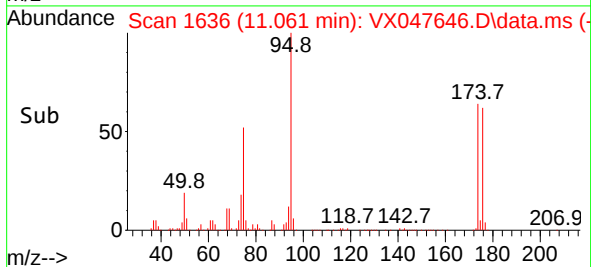
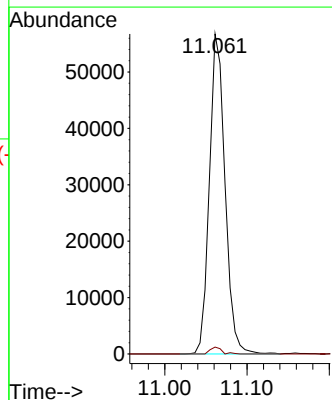
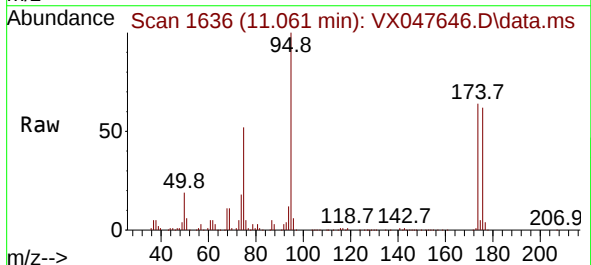
Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20250911

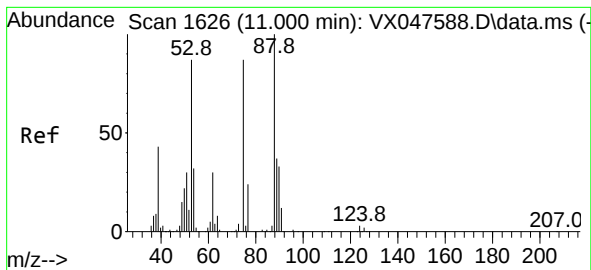
Tgt Ion:152 Resp: 142150
 Ion Ratio Lower Upper
 152 100
 115 62.3 44.9 134.5
 150 159.0 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 26.038 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX047646.D
 Acq: 18 Sep 2025 17:06

Tgt Ion: 75 Resp: 74939
 Ion Ratio Lower Upper
 75 100
 77 1.6 18.8 56.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.400 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047646.D
Acq: 18 Sep 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
TB01-20250911

Tgt Ion: 75 Resp: 74939
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

