

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047975.D
 Acq On : 02 Oct 2025 17:35
 Operator : JC/MD
 Sample : Q3202-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-6

Quant Time: Oct 03 03:34:34 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)

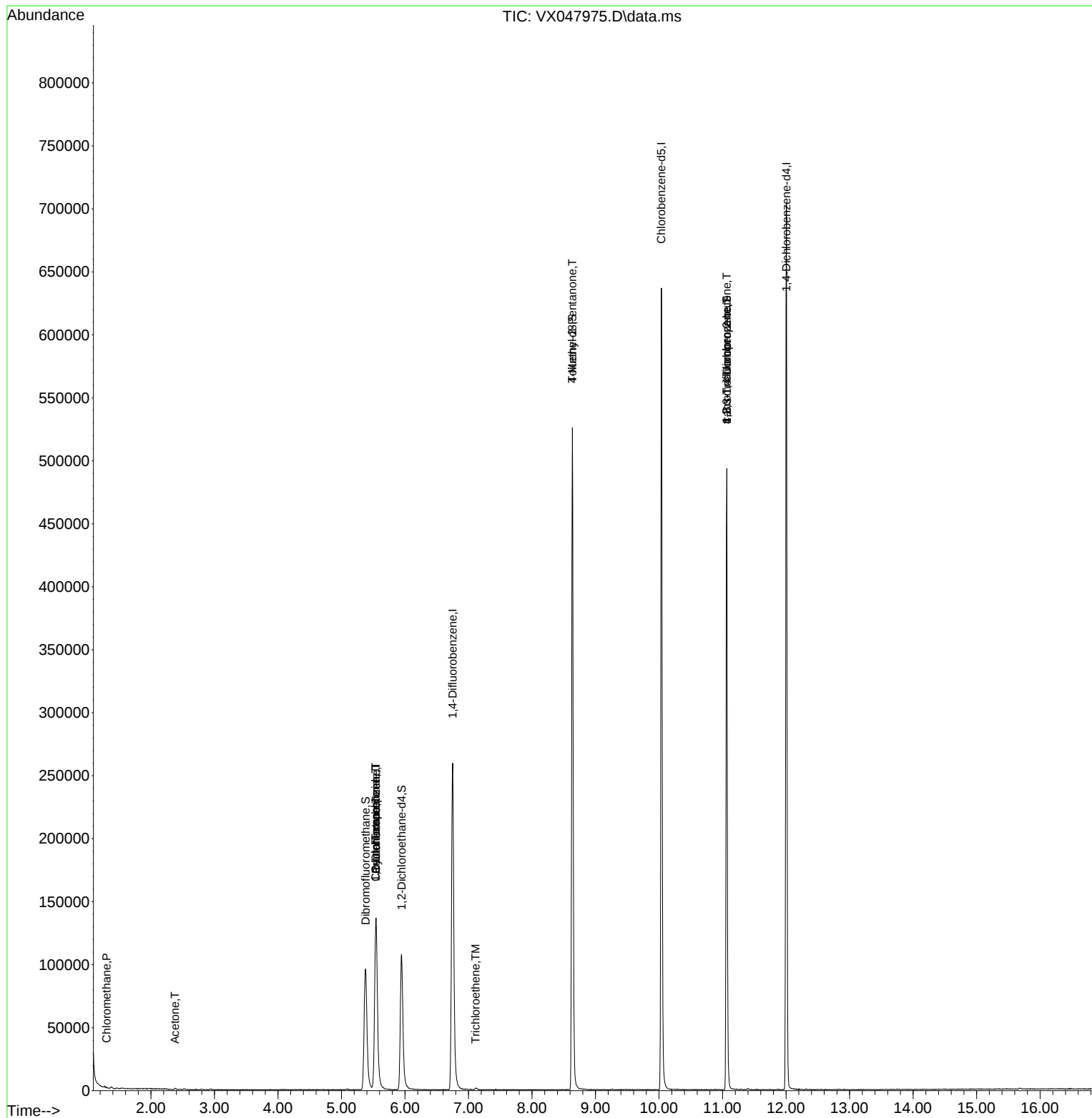
Internal Standards						
1) Pentafluorobenzene	5.544	168	135276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	283654	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	290997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	145888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	116506	54.107	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.220%	
35) Dibromofluoromethane	5.379	113	96234	50.587	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.180%	
50) Toluene-d8	8.635	98	325141	49.395	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.780%	
62) 4-Bromofluorobenzene	11.067	95	138368	55.388	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	393	0.213	ug/l #	84
16) Acetone	2.380	43	1489	1.590	ug/l #	86
31) Cyclohexane	5.544	56	3121	1.097	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	11582	4.167	ug/l #	50
38) Carbon Tetrachloride	5.538	117	14496	4.800	ug/l #	18
44) Trichloroethene	7.110	130	695	0.340	ug/l	90
51) 4-Methyl-2-Pentanone	8.635	43	1461	0.540	ug/l #	1
76) 1,2,3-Trichloropropane	11.067	75	72759	24.633	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.067	75	72759	62.816	ug/l #	8

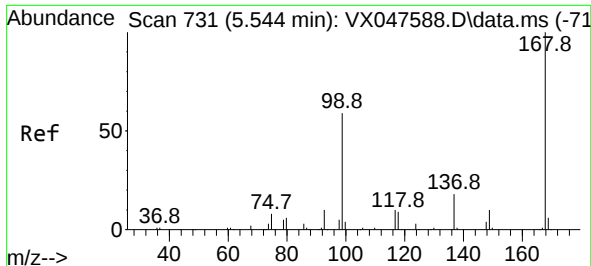
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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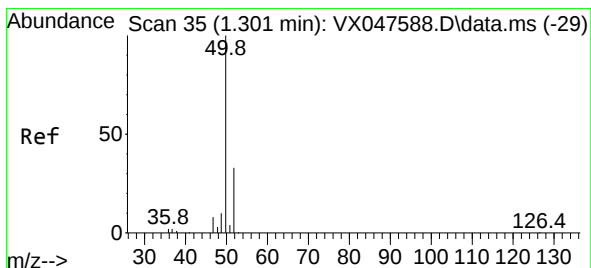
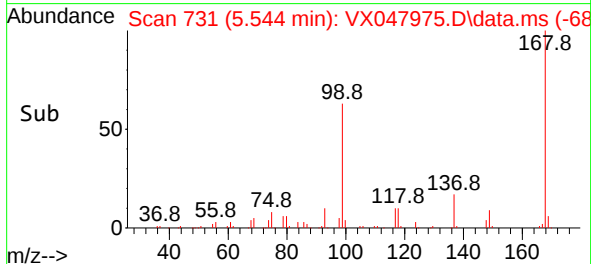
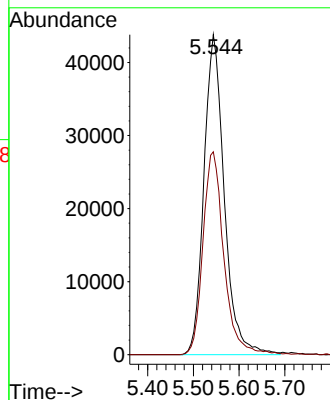
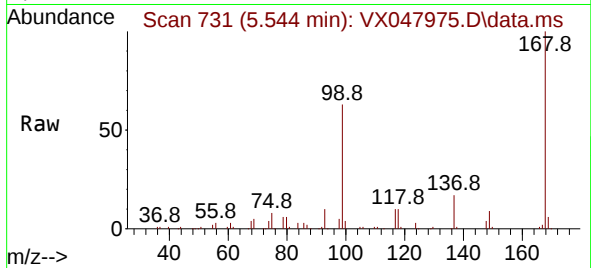




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047975.D
Acq: 02 Oct 2025 17:35

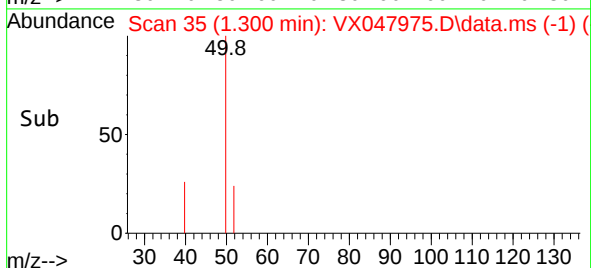
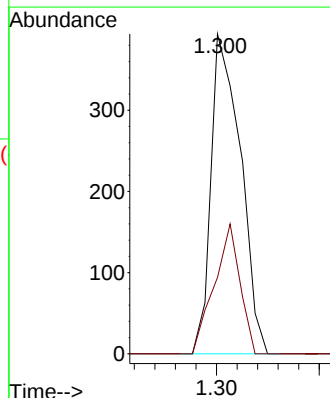
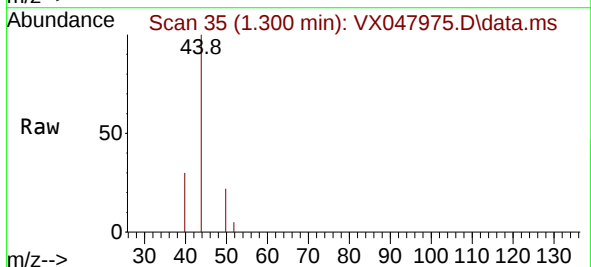
Instrument :
MSVOA_X
ClientSampleId :
SY-6

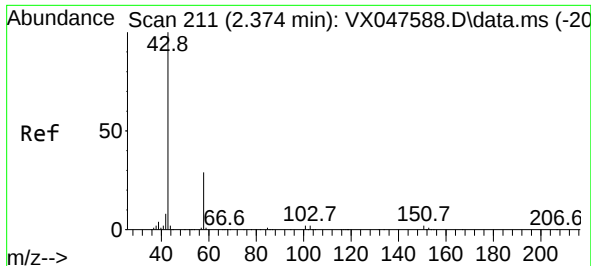
Tgt Ion:168 Resp: 135276
Ion Ratio Lower Upper
168 100
99 63.4 48.8 73.2



#3
Chloromethane
Concen: 0.213 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047975.D
Acq: 02 Oct 2025 17:35

Tgt Ion: 50 Resp: 393
Ion Ratio Lower Upper
50 100
52 23.9 26.1 39.1#

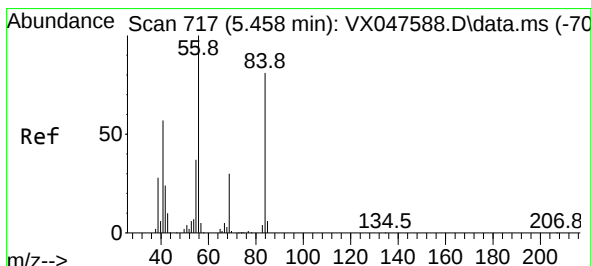
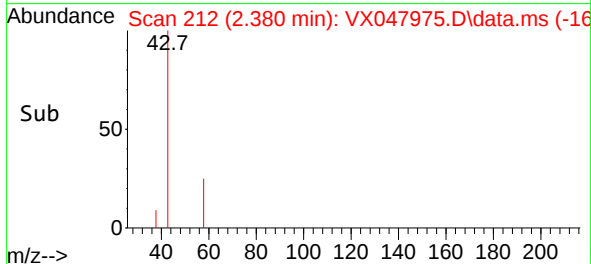
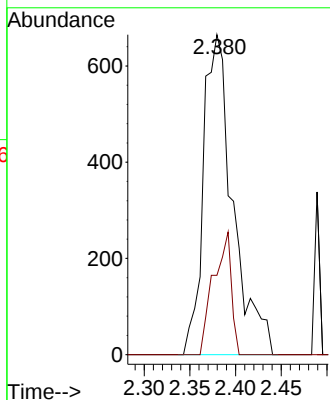
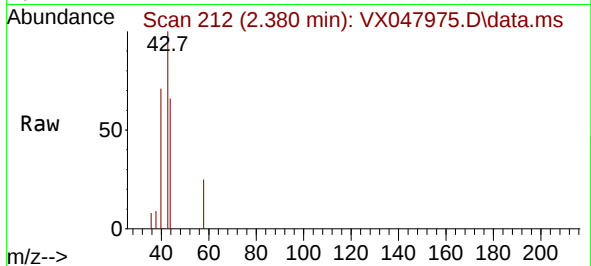




#16
Acetone
Concen: 1.590 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047975.D
Acq: 02 Oct 2025 17:35

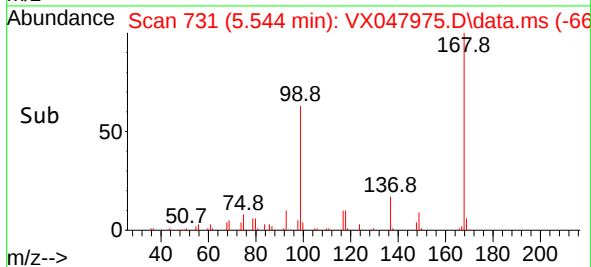
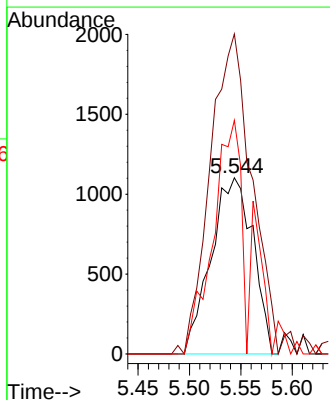
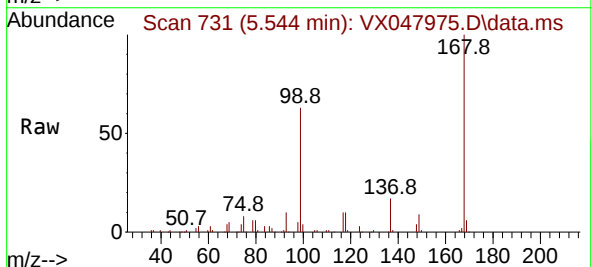
Instrument :
MSVOA_X
ClientSampleId :
SY-6

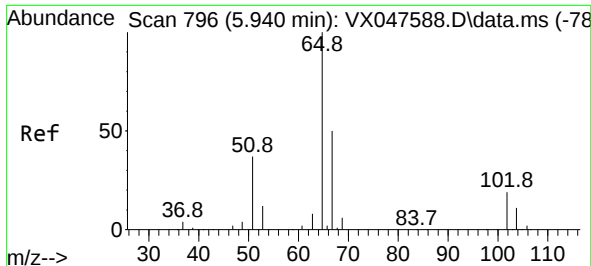
Tgt Ion: 43 Resp: 1489
Ion Ratio Lower Upper
43 100
58 21.8 23.4 35.0#



#31
Cyclohexane
Concen: 1.097 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX047975.D
Acq: 02 Oct 2025 17:35

Tgt Ion: 56 Resp: 3121
Ion Ratio Lower Upper
56 100
69 181.6 23.8 35.8#
84 132.5 64.6 97.0#

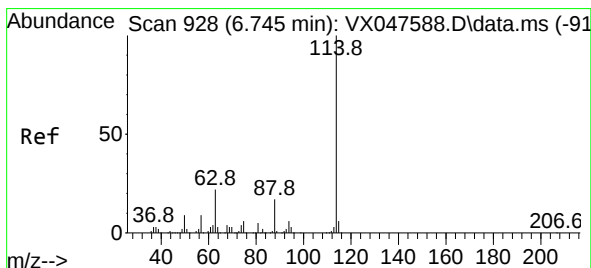
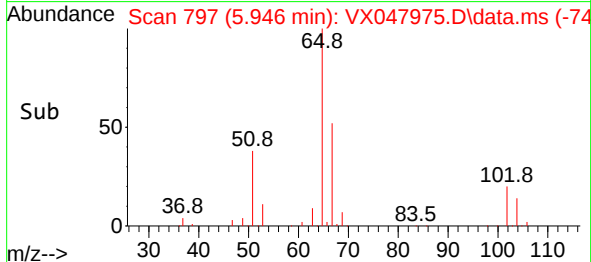
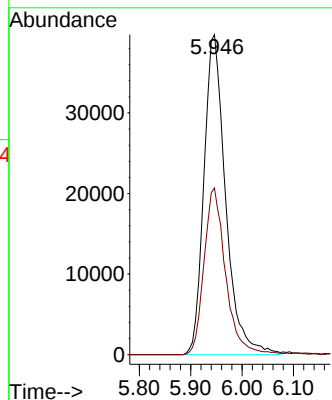
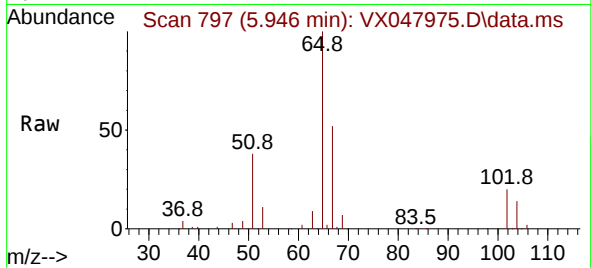




#33
 1,2-Dichloroethane-d4
 Concen: 54.107 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX047975.D
 Acq: 02 Oct 2025 17:35

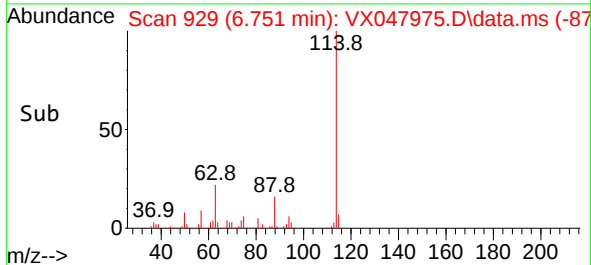
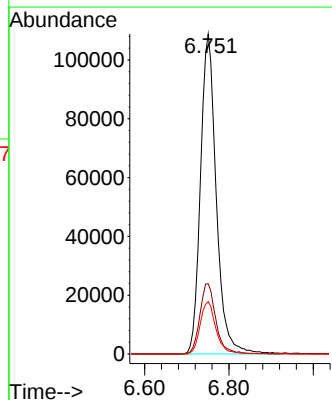
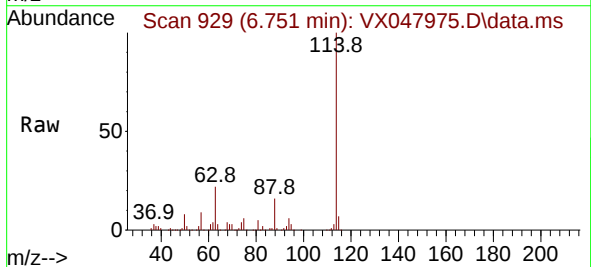
Instrument :
 MSVOA_X
 ClientSampleId :
 SY-6

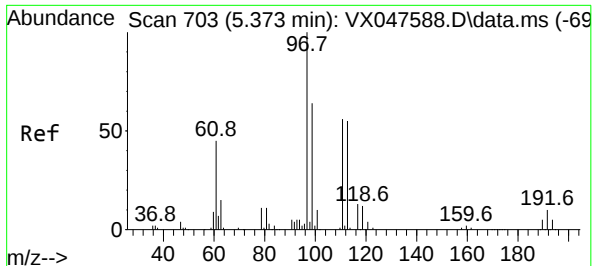
Tgt Ion: 65 Resp: 116506
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX047975.D
 Acq: 02 Oct 2025 17:35

Tgt Ion: 114 Resp: 283654
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.0
 88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.587 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047975.D

Acq: 02 Oct 2025 17:35

Instrument :

MSVOA_X

ClientSampleId :

SY-6

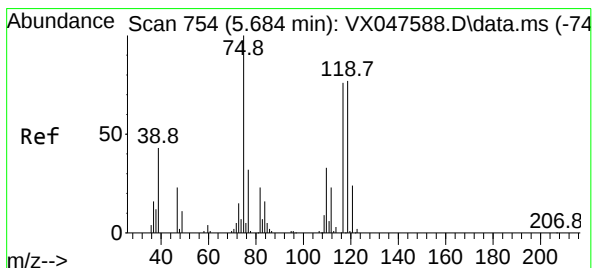
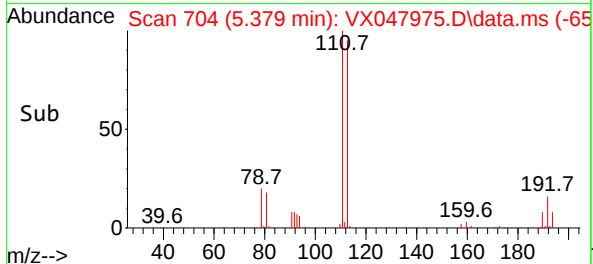
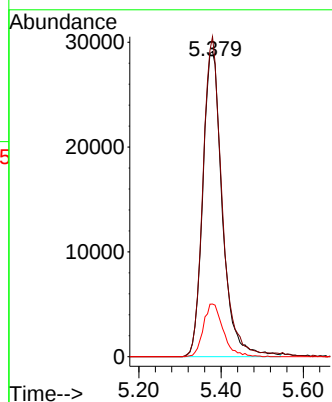
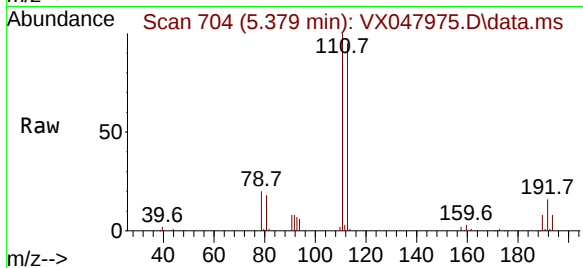
Tgt Ion:113 Resp: 96234

Ion Ratio Lower Upper

113 100

111 103.2 80.9 121.3

192 17.5 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.167 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.146 min

Lab File: VX047975.D

Acq: 02 Oct 2025 17:35

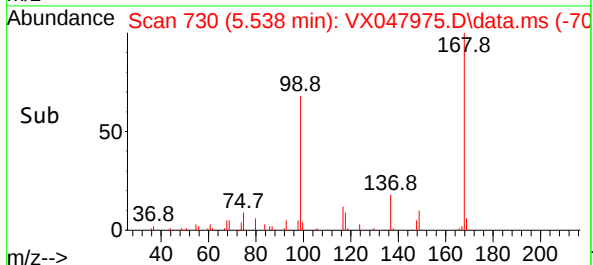
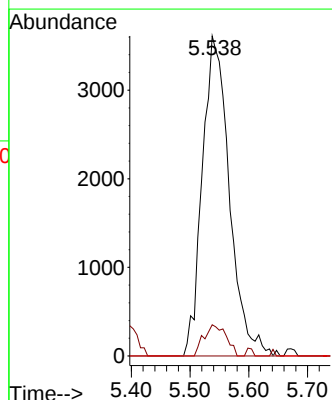
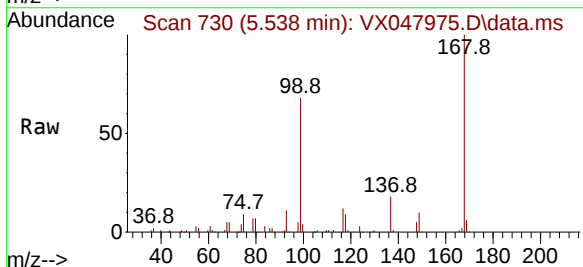
Tgt Ion: 75 Resp: 11582

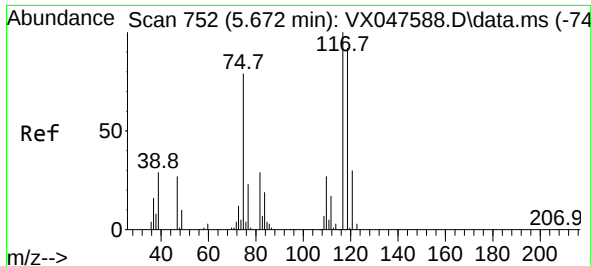
Ion Ratio Lower Upper

75 100

110 8.0 16.7 50.1#

77 0.0 24.3 36.5#

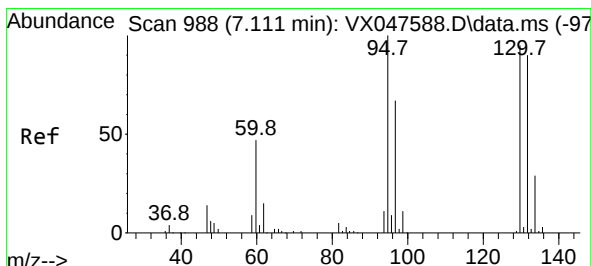
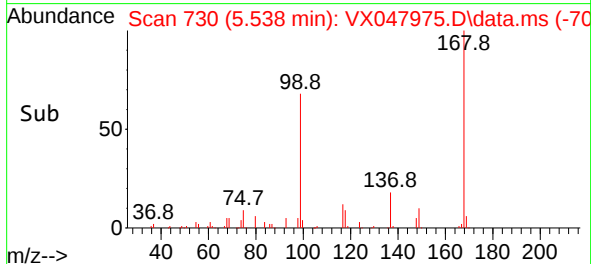
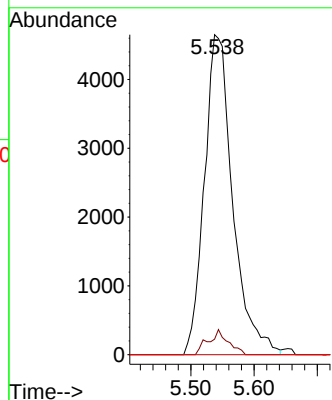
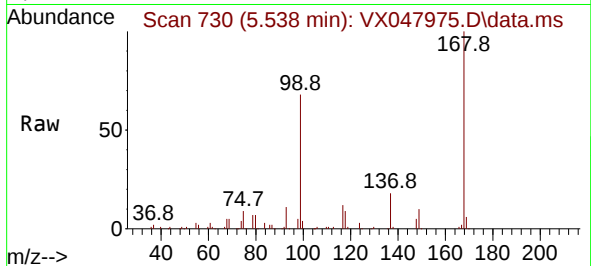




#38
Carbon Tetrachloride
Concen: 4.800 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047975.D
Acq: 02 Oct 2025 17:35

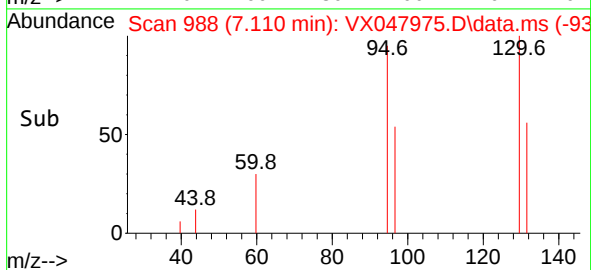
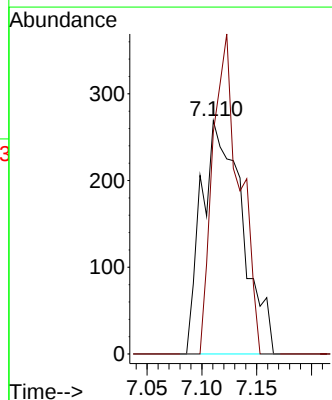
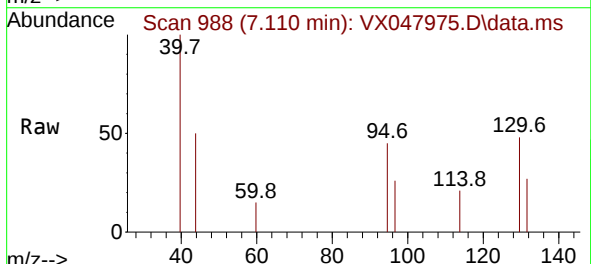
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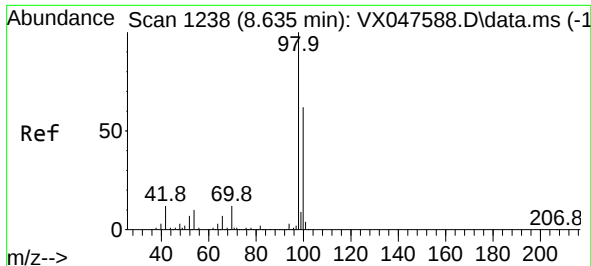
Tgt Ion:117 Resp: 14496
Ion Ratio Lower Upper
117 100
119 4.9 73.4 110.2#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.340 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047975.D
Acq: 02 Oct 2025 17:35

Tgt Ion:130 Resp: 695
Ion Ratio Lower Upper
130 100
95 95.2 0.0 210.8

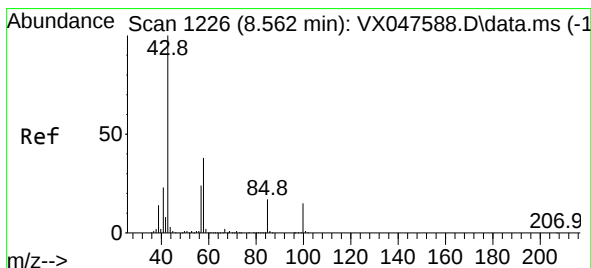
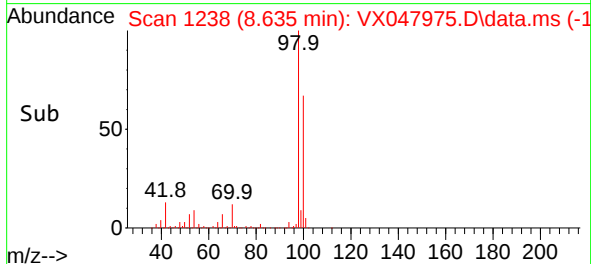
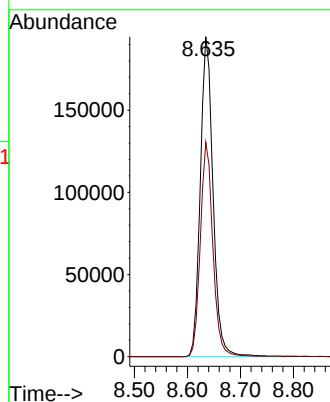
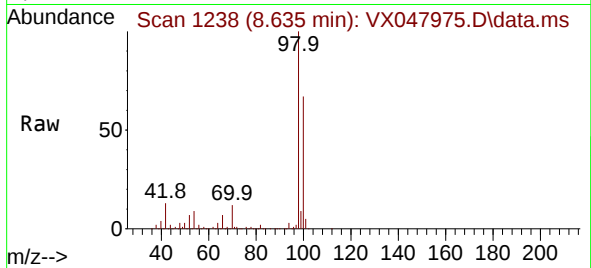




#50
Toluene-d8
Concen: 49.395 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047975.D
Acq: 02 Oct 2025 17:35

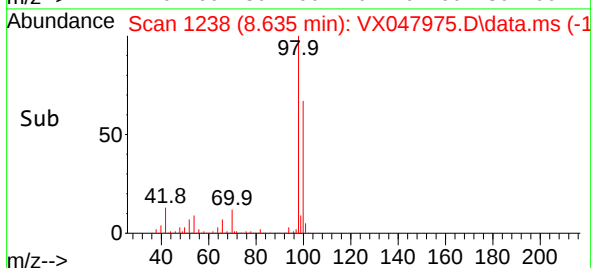
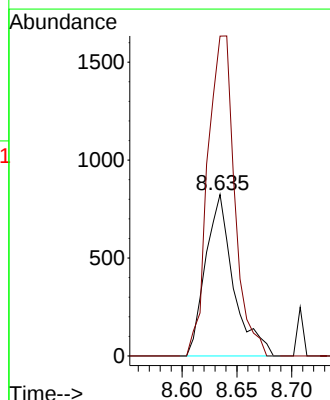
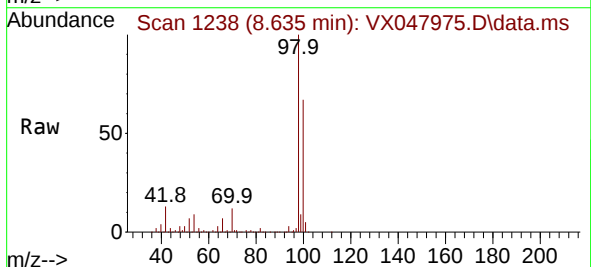
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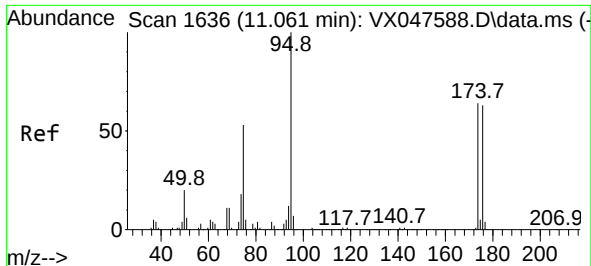
Tgt Ion: 98 Resp: 325141
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.073 min
Lab File: VX047975.D
Acq: 02 Oct 2025 17:35

Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
58 191.1 30.3 45.5#

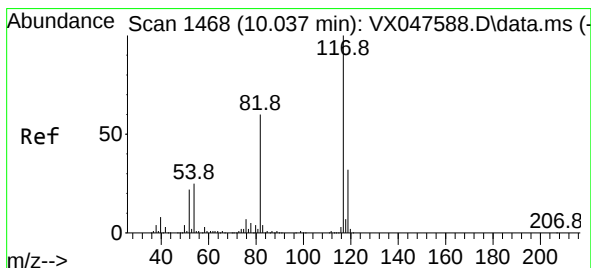
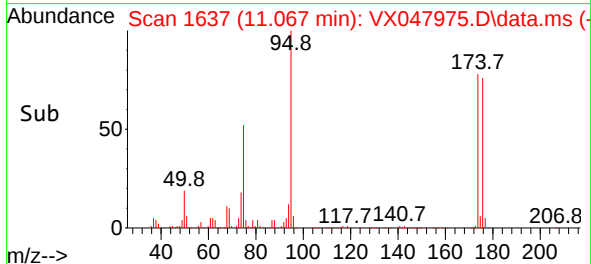
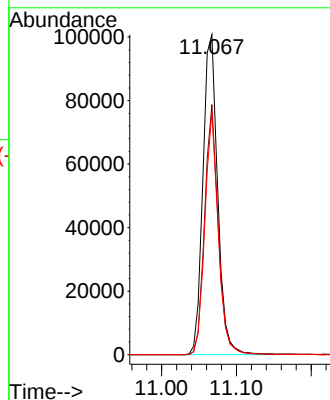
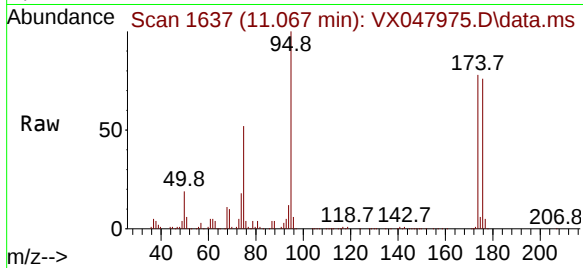




#62
4-Bromofluorobenzene
Concen: 55.388 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047975.D
Acq: 02 Oct 2025 17:35

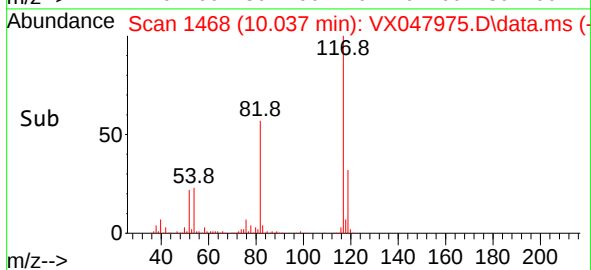
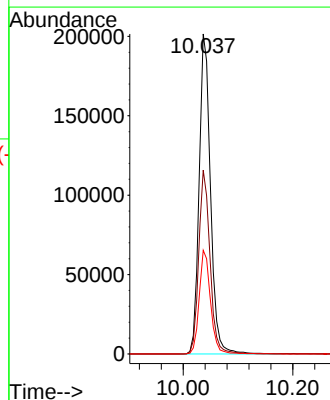
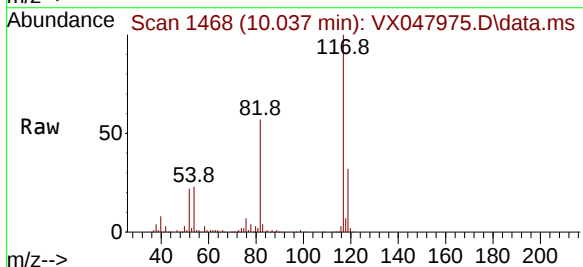
Instrument :
MSVOA_X
ClientSampleId :
SY-6

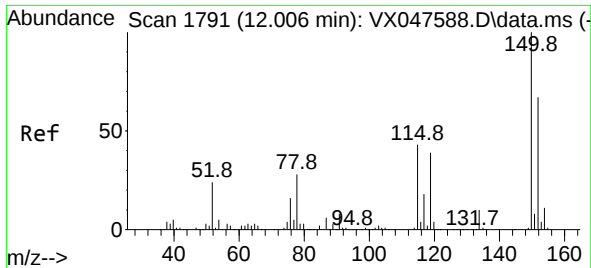
Tgt Ion: 95 Resp: 138368
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 68.9 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047975.D
Acq: 02 Oct 2025 17:35

Tgt Ion: 117 Resp: 290997
Ion Ratio Lower Upper
117 100
82 57.5 47.8 71.6
119 32.4 25.2 37.8

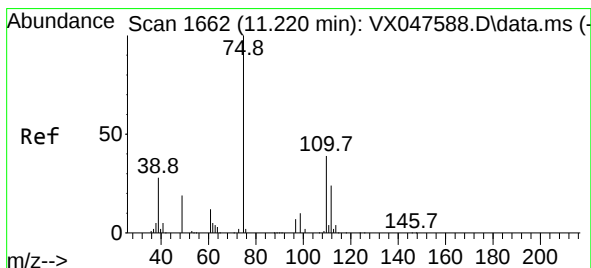
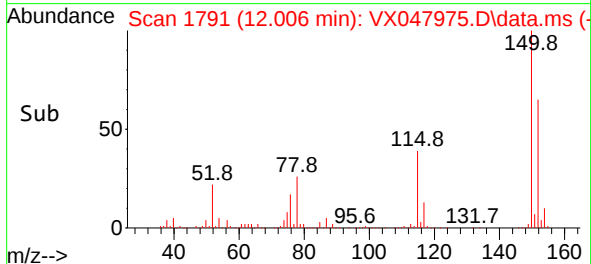
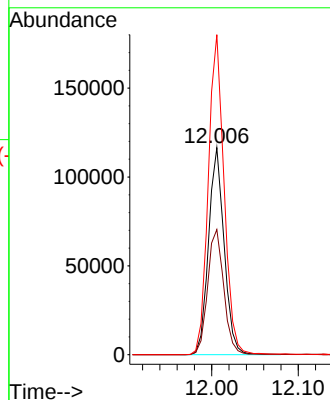
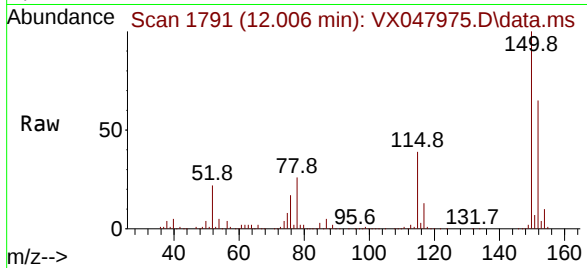




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047975.D
 Acq: 02 Oct 2025 17:35

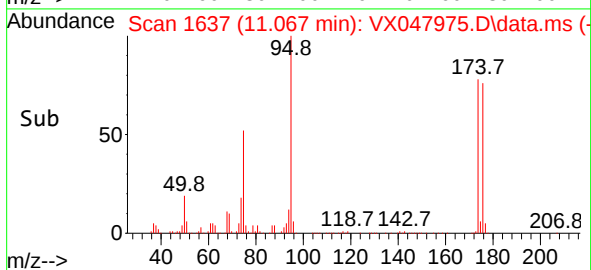
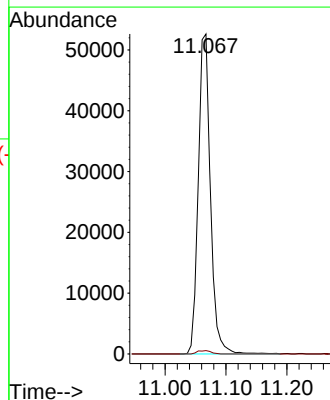
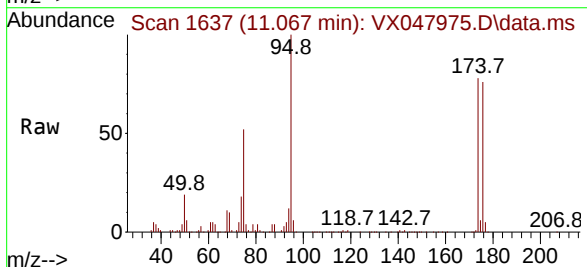
Instrument :
 MSVOA_X
 ClientSampleId :
 SY-6

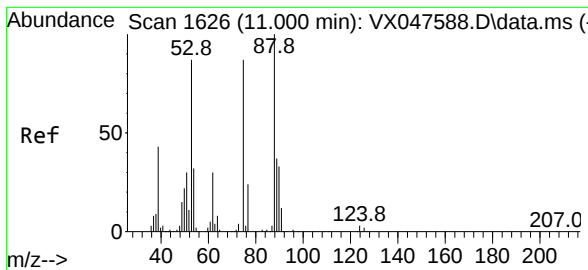
Tgt Ion:152 Resp: 145888
 Ion Ratio Lower Upper
 152 100
 115 62.8 44.9 134.5
 150 156.8 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 24.633 ug/l
 RT: 11.067 min Scan# 1637
 Delta R.T. -0.153 min
 Lab File: VX047975.D
 Acq: 02 Oct 2025 17:35

Tgt Ion: 75 Resp: 72759
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.816 ug/l
 RT: 11.067 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX047975.D
 Acq: 02 Oct 2025 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-6

Tgt Ion: 75 Resp: 72759
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.4 125.2#
 89 0.0 36.3 54.5#

