

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047969.D
 Acq On : 02 Oct 2025 15:31
 Operator : JC/MD
 Sample : Q3194-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT192D2-20250922

Quant Time: Oct 03 03:32:15 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)

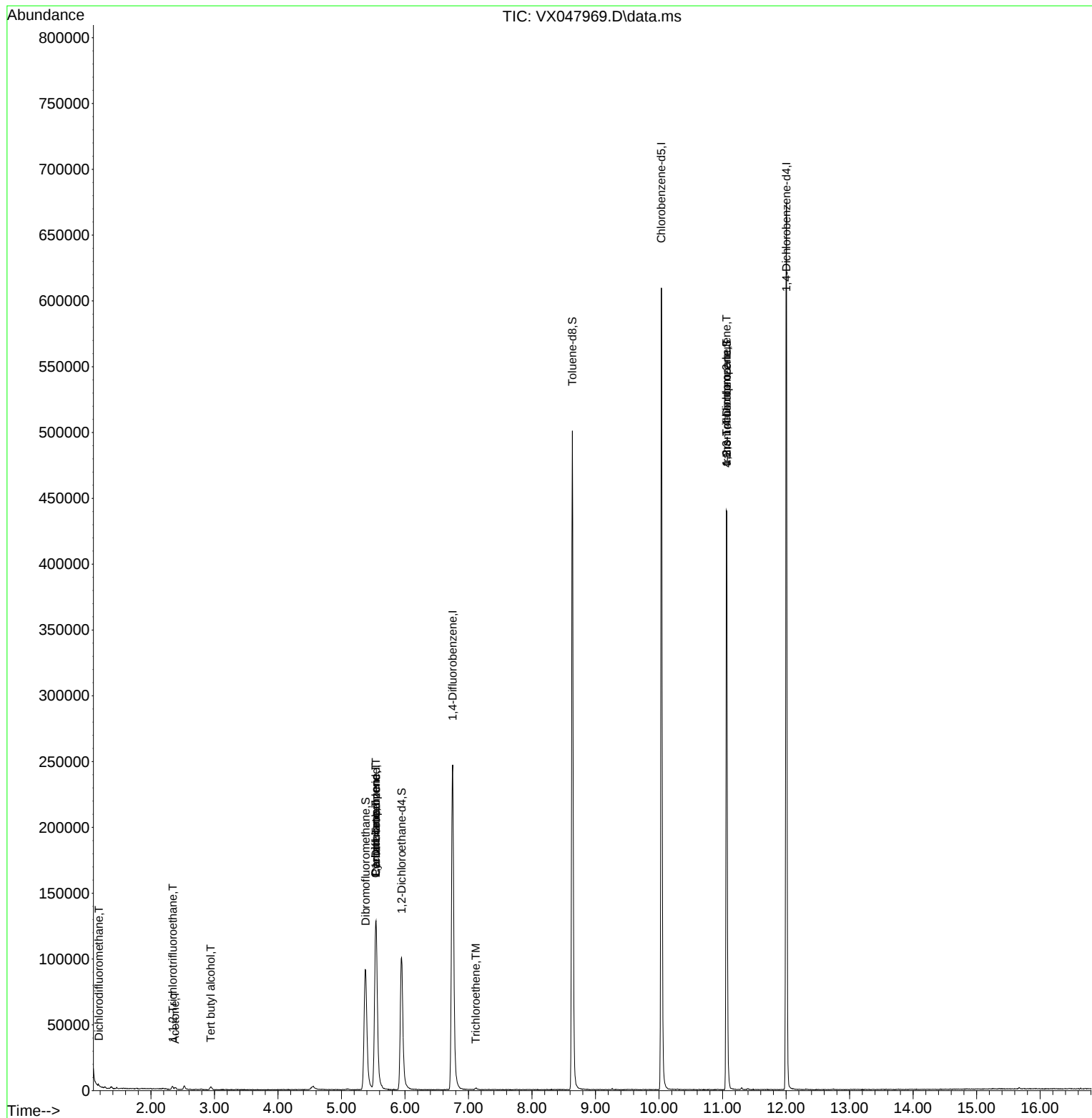
Internal Standards						
1) Pentafluorobenzene	5.544	168	129319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	268695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	276743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	110633	53.746	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.500%	
35) Dibromofluoromethane	5.379	113	90598	50.276	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.560%	
50) Toluene-d8	8.635	98	304329	48.807	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.620%	
62) 4-Bromofluorobenzene	11.067	95	132376	55.939	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.880%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	383	0.286	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	843	0.564	ug/l #	82
11) Tert butyl alcohol	2.941	59	1079	4.707	ug/l #	72
16) Acetone	2.380	43	2169	2.423	ug/l	95
31) Cyclohexane	5.538	56	2909	1.069	ug/l #	28
36) 1,1-Dichloropropene	5.538	75	11284	4.285	ug/l #	51
38) Carbon Tetrachloride	5.544	117	13731	4.799	ug/l #	17
44) Trichloroethene	7.117	130	529	0.274	ug/l	69
76) 1,2,3-Trichloropropane	11.061	75	69417	24.400	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.061	75	69417	62.223	ug/l #	8

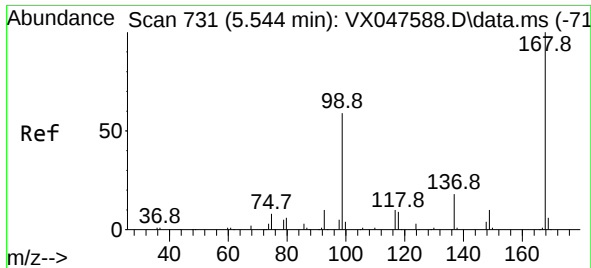
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
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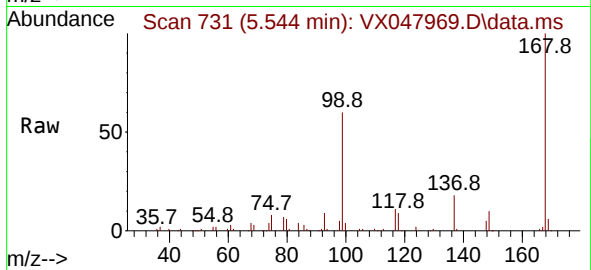
Quant Time: Oct 03 03:32:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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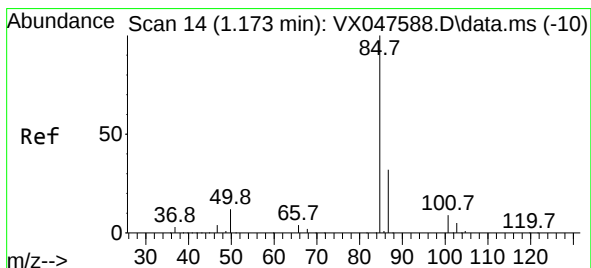
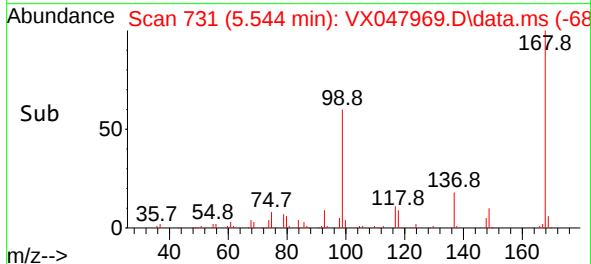
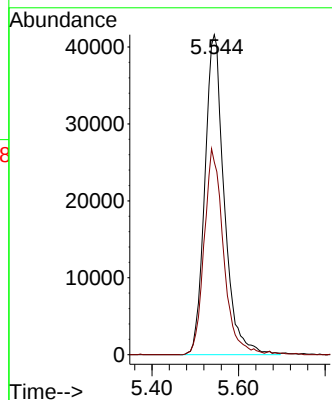


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047969.D
Acq: 02 Oct 2025 15:31

Instrument :
MSVOA_X
ClientSampleId :
TT192D2-20250922

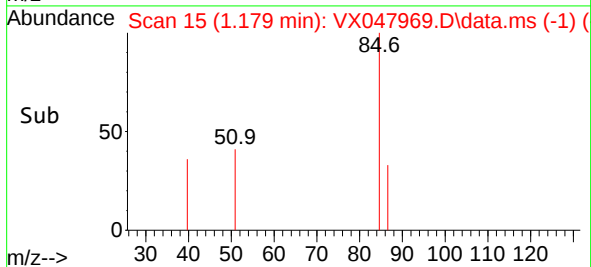
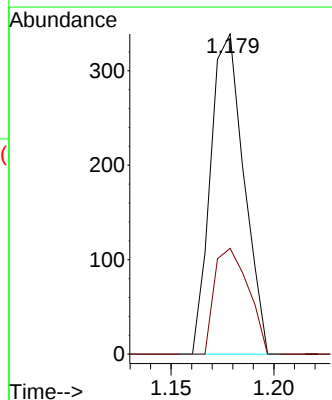
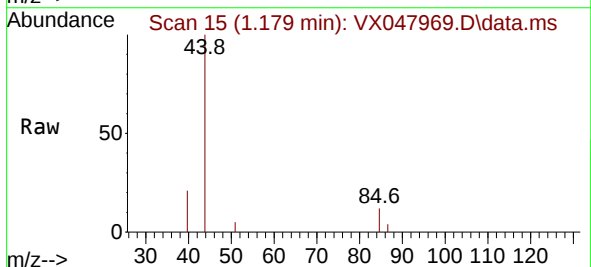


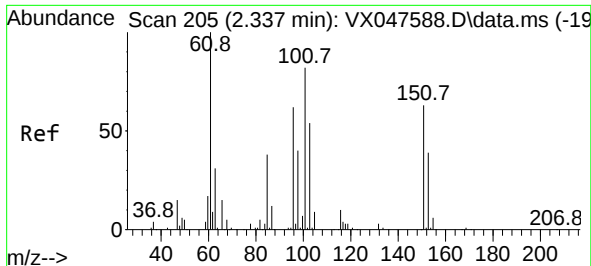
Tgt Ion:168 Resp: 129319
Ion Ratio Lower Upper
168 100
99 60.2 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 0.286 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.006 min
Lab File: VX047969.D
Acq: 02 Oct 2025 15:31

Tgt Ion: 85 Resp: 383
Ion Ratio Lower Upper
85 100
87 33.0 15.8 47.3

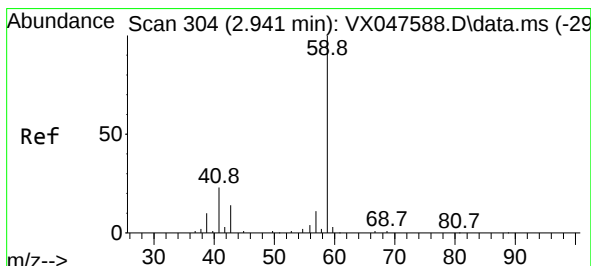
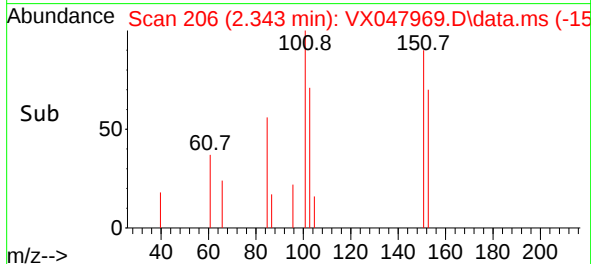
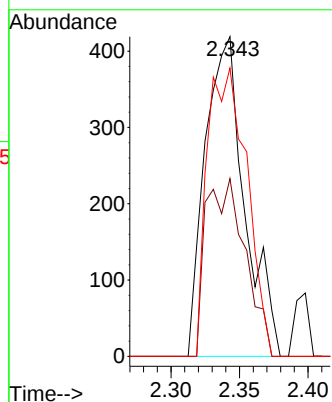
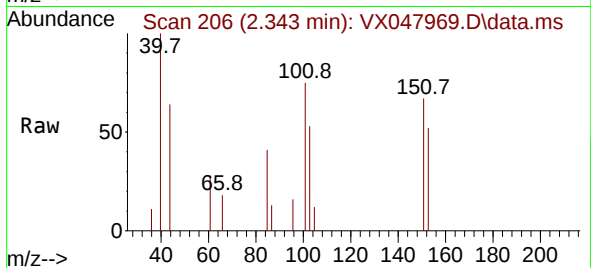




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.564 ug/l
RT: 2.343 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX047969.D
Acq: 02 Oct 2025 15:31

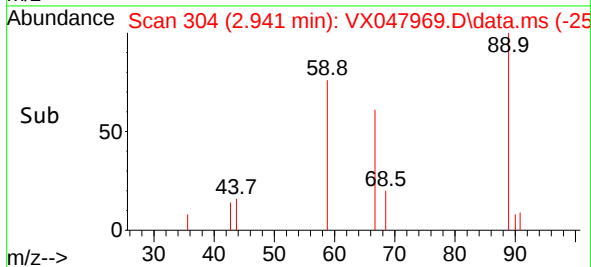
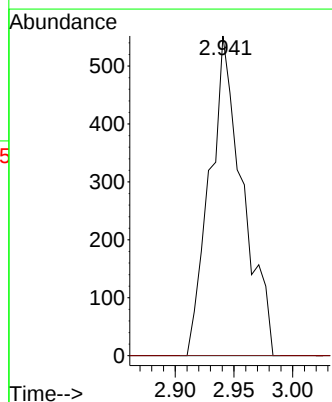
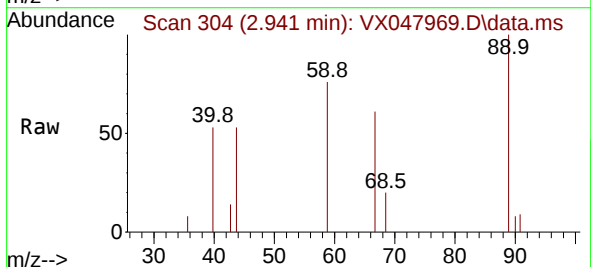
Instrument :
MSVOA_X
ClientSampleId :
TT192D2-20250922

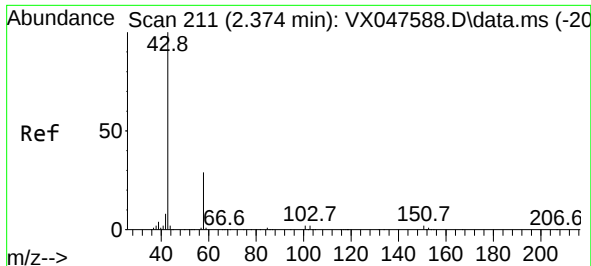
Tgt Ion:101 Resp: 843
Ion Ratio Lower Upper
101 100
85 54.9 35.5 53.3#
151 89.8 59.4 89.0#



#11
Tert butyl alcohol
Concen: 4.707 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047969.D
Acq: 02 Oct 2025 15:31

Tgt Ion: 59 Resp: 1079
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

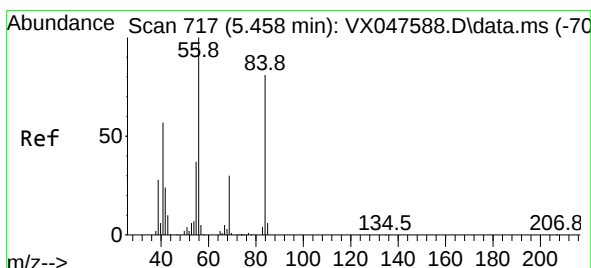
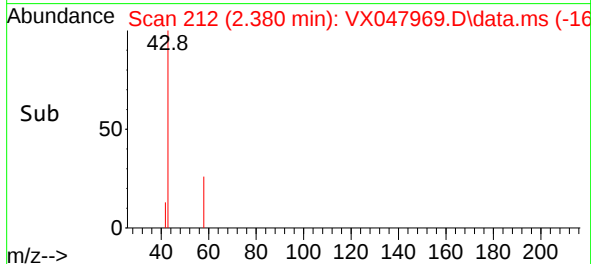
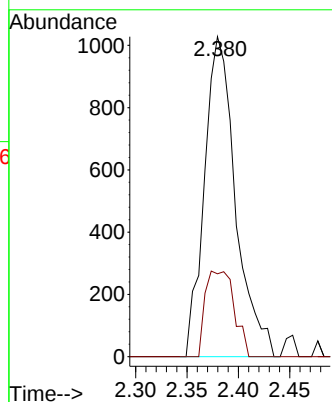
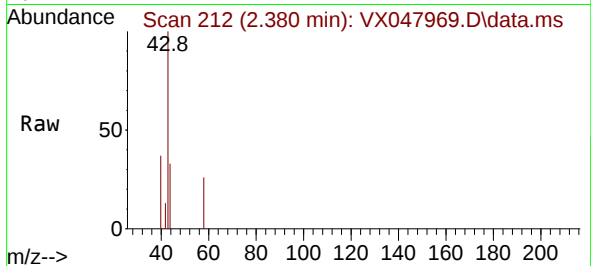




#16
Acetone
Concen: 2.423 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047969.D
Acq: 02 Oct 2025 15:31

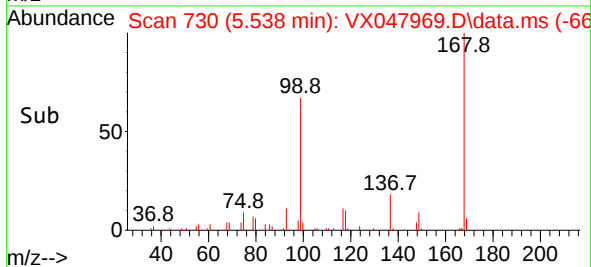
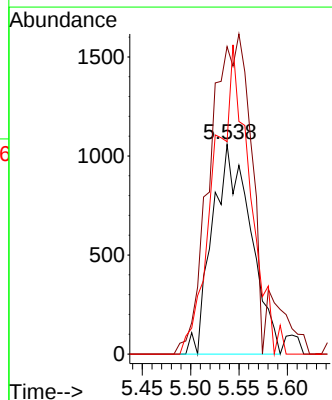
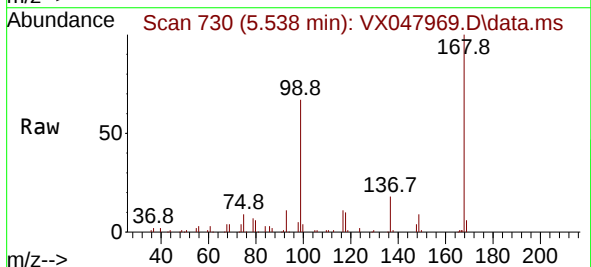
Instrument :
MSVOA_X
ClientSampleId :
TT192D2-20250922

Tgt Ion: 43 Resp: 2169
Ion Ratio Lower Upper
43 100
58 26.4 23.4 35.0



#31
Cyclohexane
Concen: 1.069 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX047969.D
Acq: 02 Oct 2025 15:31

Tgt Ion: 56 Resp: 2909
Ion Ratio Lower Upper
56 100
69 141.4 23.8 35.8#
84 101.2 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 53.746 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047969.D

Acq: 02 Oct 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

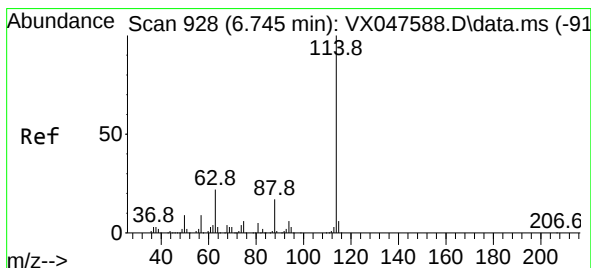
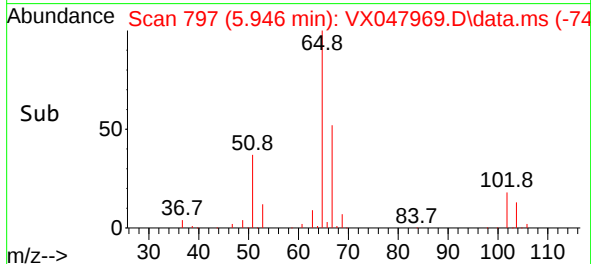
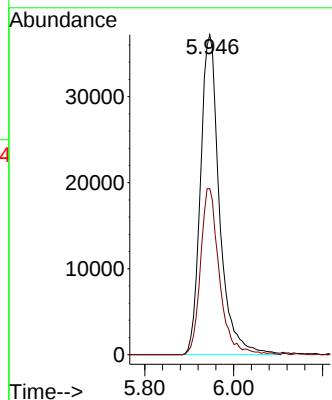
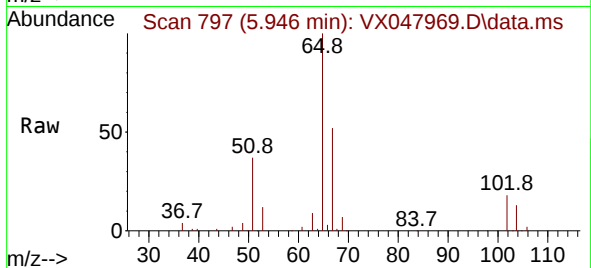
TT192D2-20250922

Tgt Ion: 65 Resp: 110633

Ion Ratio Lower Upper

65 100

67 51.7 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: VX047969.D

Acq: 02 Oct 2025 15:31

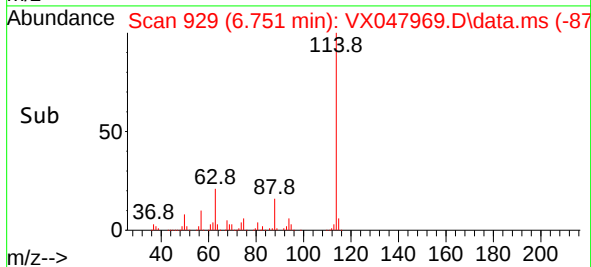
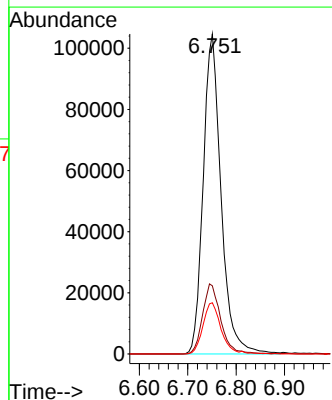
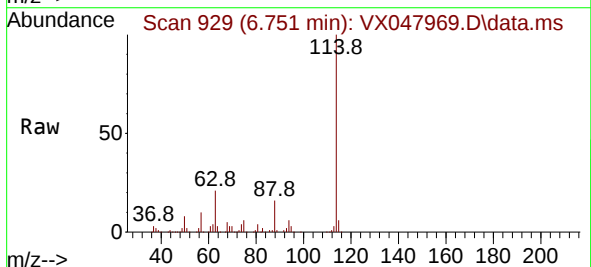
Tgt Ion: 114 Resp: 268695

Ion Ratio Lower Upper

114 100

63 24.2 0.0 44.0

88 16.0 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.276 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047969.D

Acq: 02 Oct 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

TT192D2-20250922

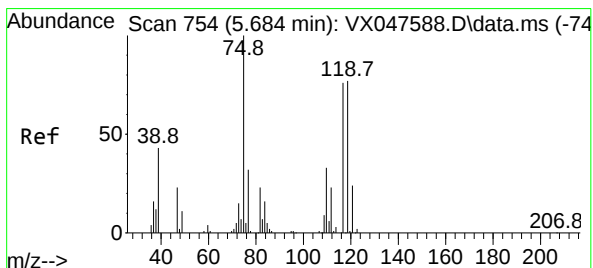
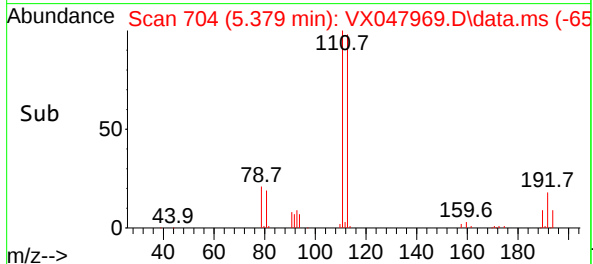
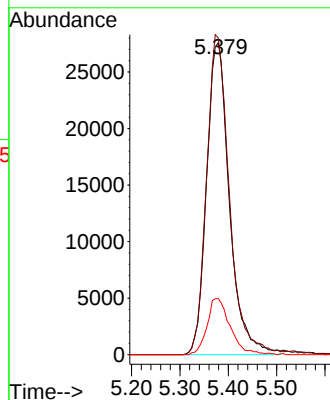
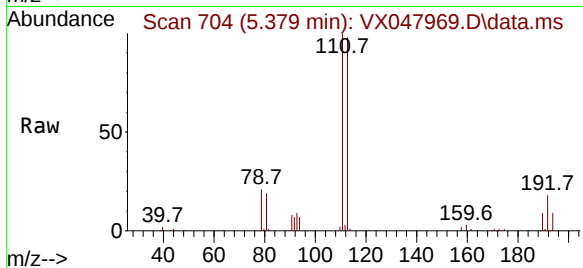
Tgt Ion:113 Resp: 90598

Ion Ratio Lower Upper

113 100

111 102.8 80.9 121.3

192 18.3 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.285 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.146 min

Lab File: VX047969.D

Acq: 02 Oct 2025 15:31

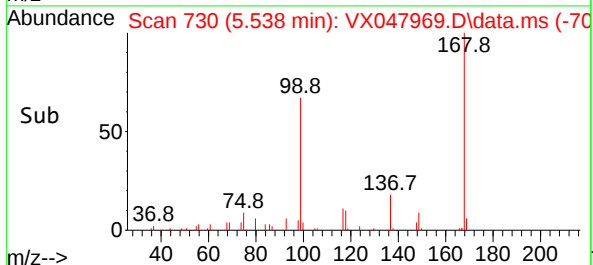
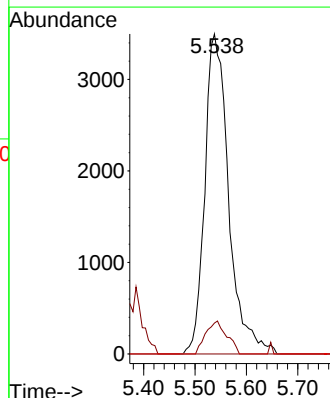
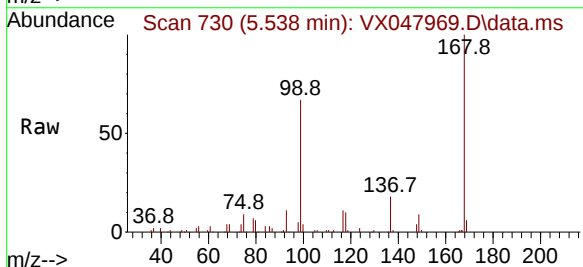
Tgt Ion: 75 Resp: 11284

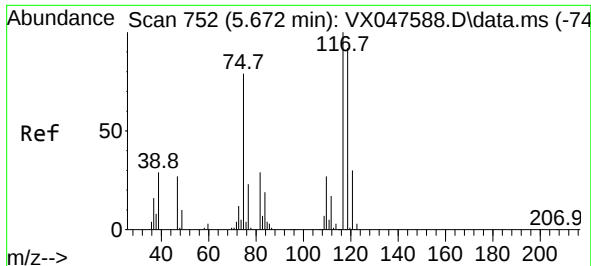
Ion Ratio Lower Upper

75 100

110 9.1 16.7 50.1#

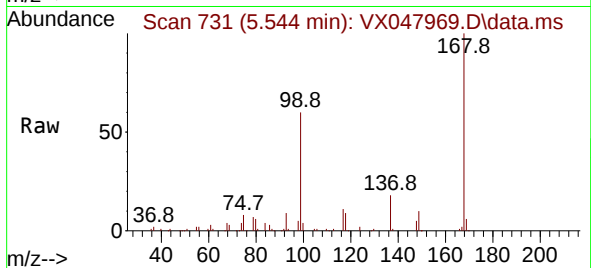
77 0.0 24.3 36.5#



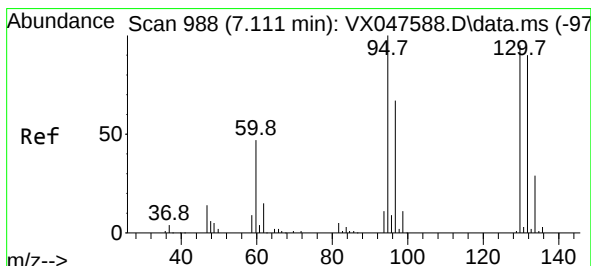
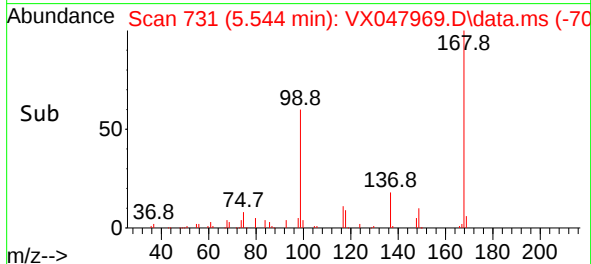
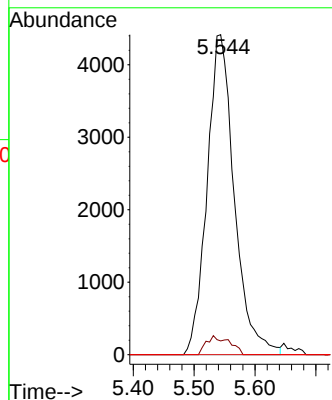


#38
Carbon Tetrachloride
Concen: 4.799 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047969.D
Acq: 02 Oct 2025 15:31

Instrument :
MSVOA_X
ClientSampleId :
TT192D2-20250922

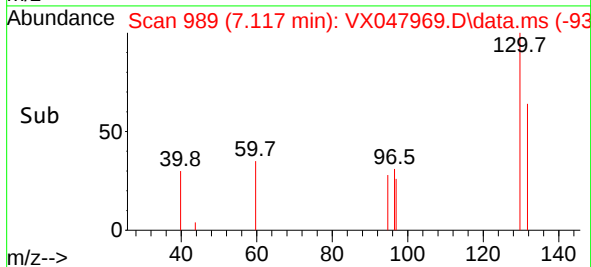
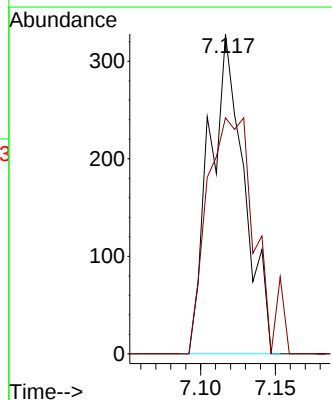
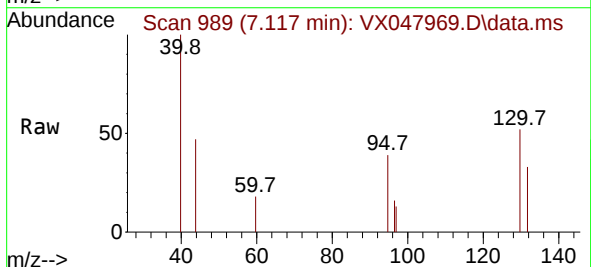


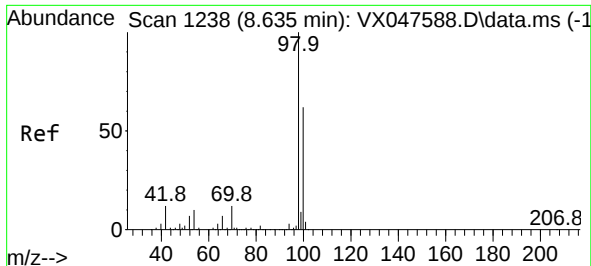
Tgt Ion:117 Resp: 13731
Ion Ratio Lower Upper
117 100
119 4.3 73.4 110.2#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.274 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047969.D
Acq: 02 Oct 2025 15:31

Tgt Ion:130 Resp: 529
Ion Ratio Lower Upper
130 100
95 73.8 0.0 210.8

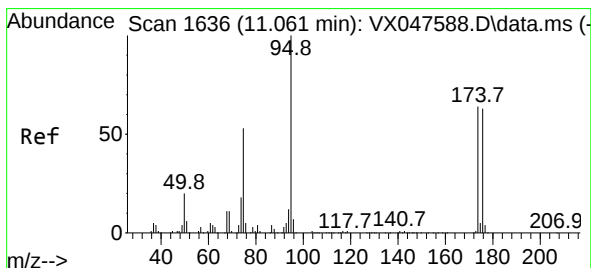
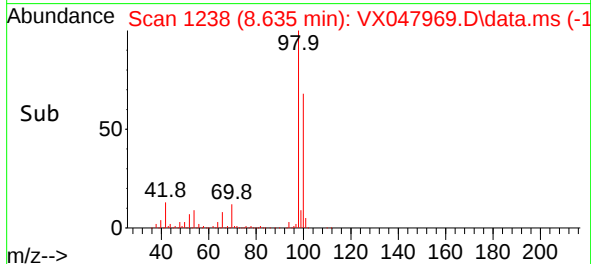
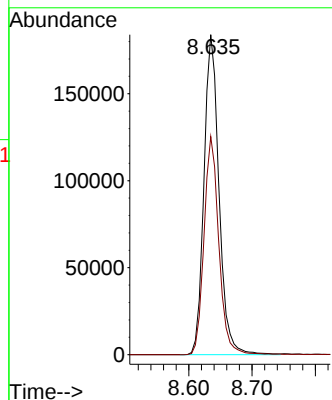
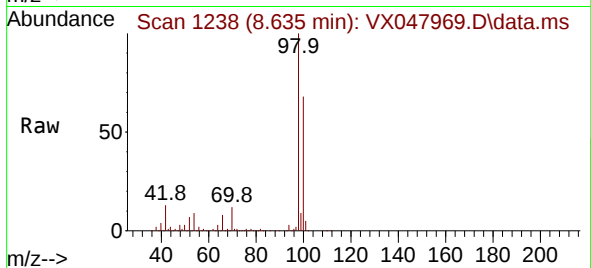




#50
Toluene-d8
Concen: 48.807 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047969.D
Acq: 02 Oct 2025 15:31

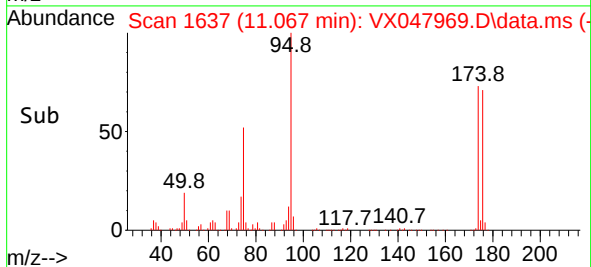
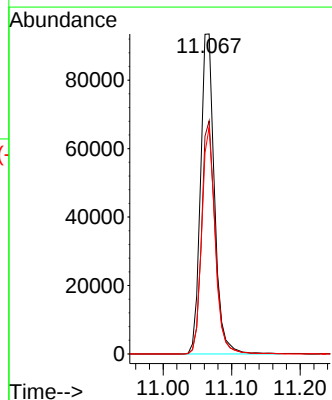
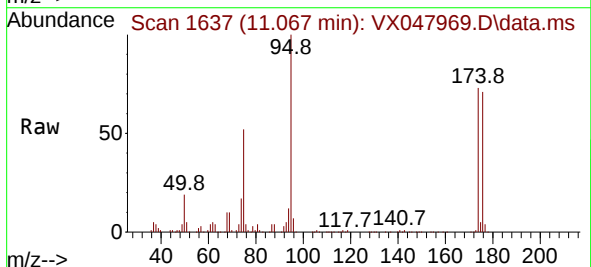
Instrument :
MSVOA_X
ClientSampleId :
TT192D2-20250922

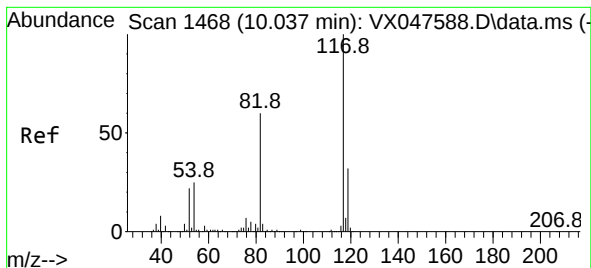
Tgt Ion: 98 Resp: 304329
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.939 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047969.D
Acq: 02 Oct 2025 15:31

Tgt Ion: 95 Resp: 132376
Ion Ratio Lower Upper
95 100
174 71.1 0.0 141.6
176 68.2 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: VX047969.D

Acq: 02 Oct 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

TT192D2-20250922

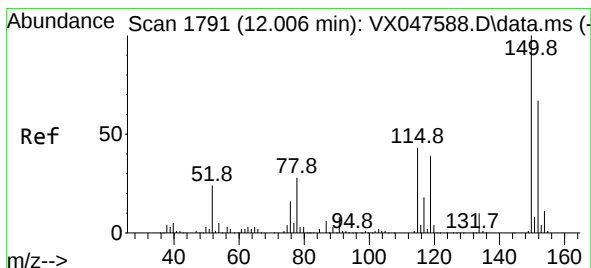
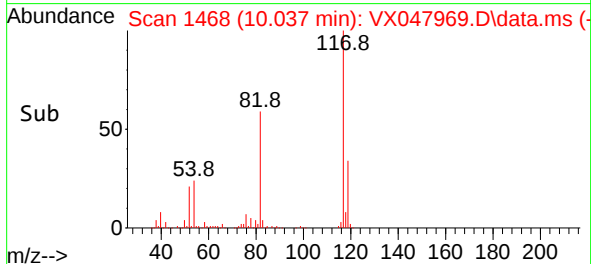
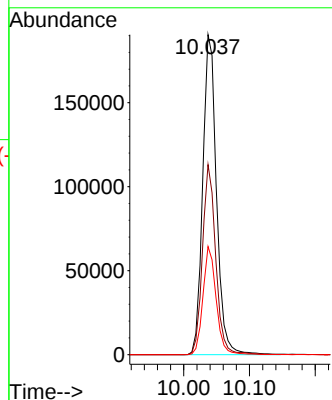
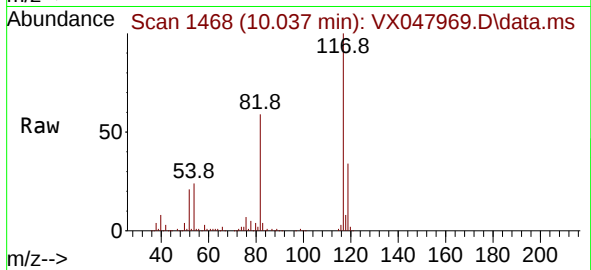
Tgt Ion:117 Resp: 276743

Ion Ratio Lower Upper

117 100

82 59.4 47.8 71.6

119 33.8 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047969.D

Acq: 02 Oct 2025 15:31

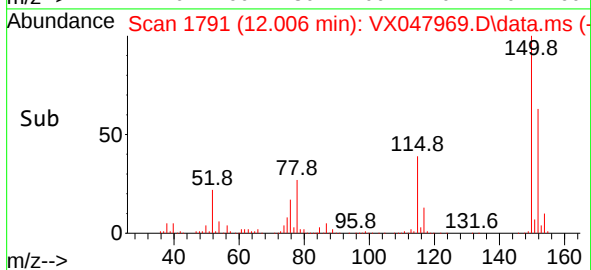
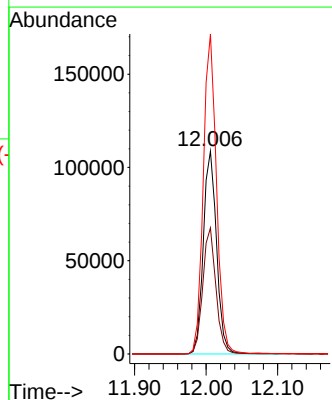
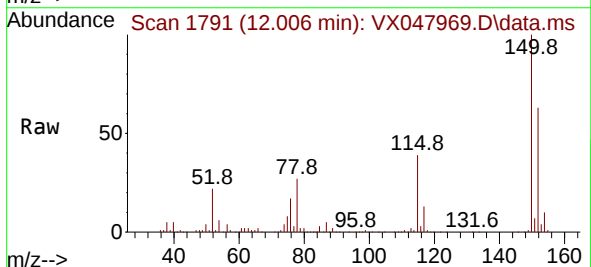
Tgt Ion:152 Resp: 140515

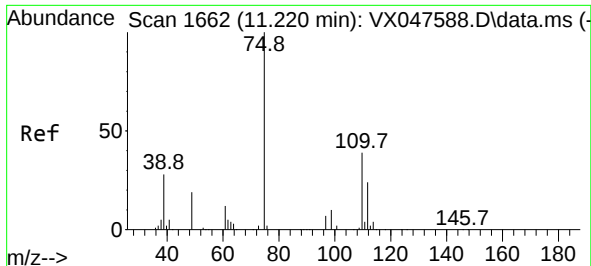
Ion Ratio Lower Upper

152 100

115 61.7 44.9 134.5

150 157.0 0.0 352.0

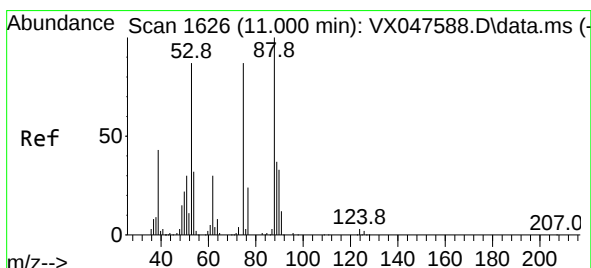
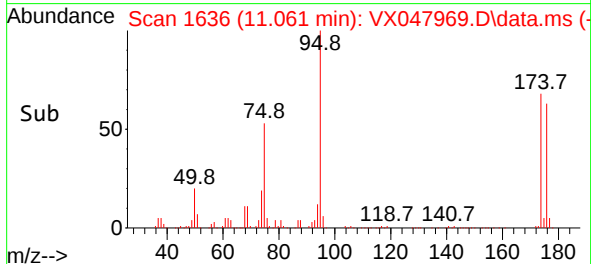
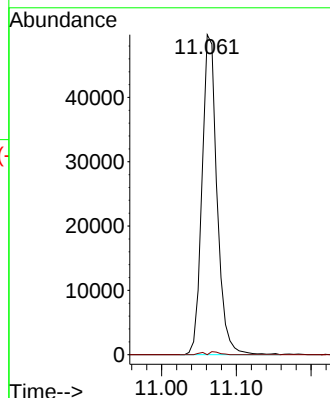
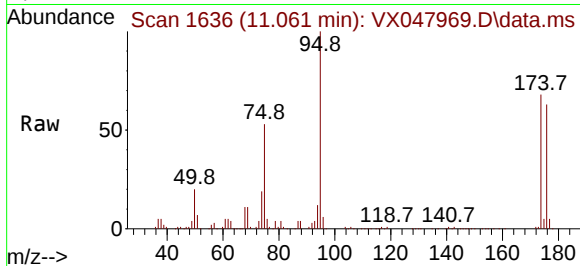




#76
1,2,3-Trichloropropane
Concen: 24.400 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047969.D
Acq: 02 Oct 2025 15:31

Instrument :
MSVOA_X
ClientSampleId :
TT192D2-20250922

Tgt Ion: 75 Resp: 69417
Ion Ratio Lower Upper
75 100
77 0.6 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.223 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047969.D
Acq: 02 Oct 2025 15:31

Tgt Ion: 75 Resp: 69417
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

