

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
 Data File : VX047944.D
 Acq On : 01 Oct 2025 16:32
 Operator : JC/MD
 Sample : Q3194-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT150S1-20250922

Quant Time: Oct 03 01:25:44 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)

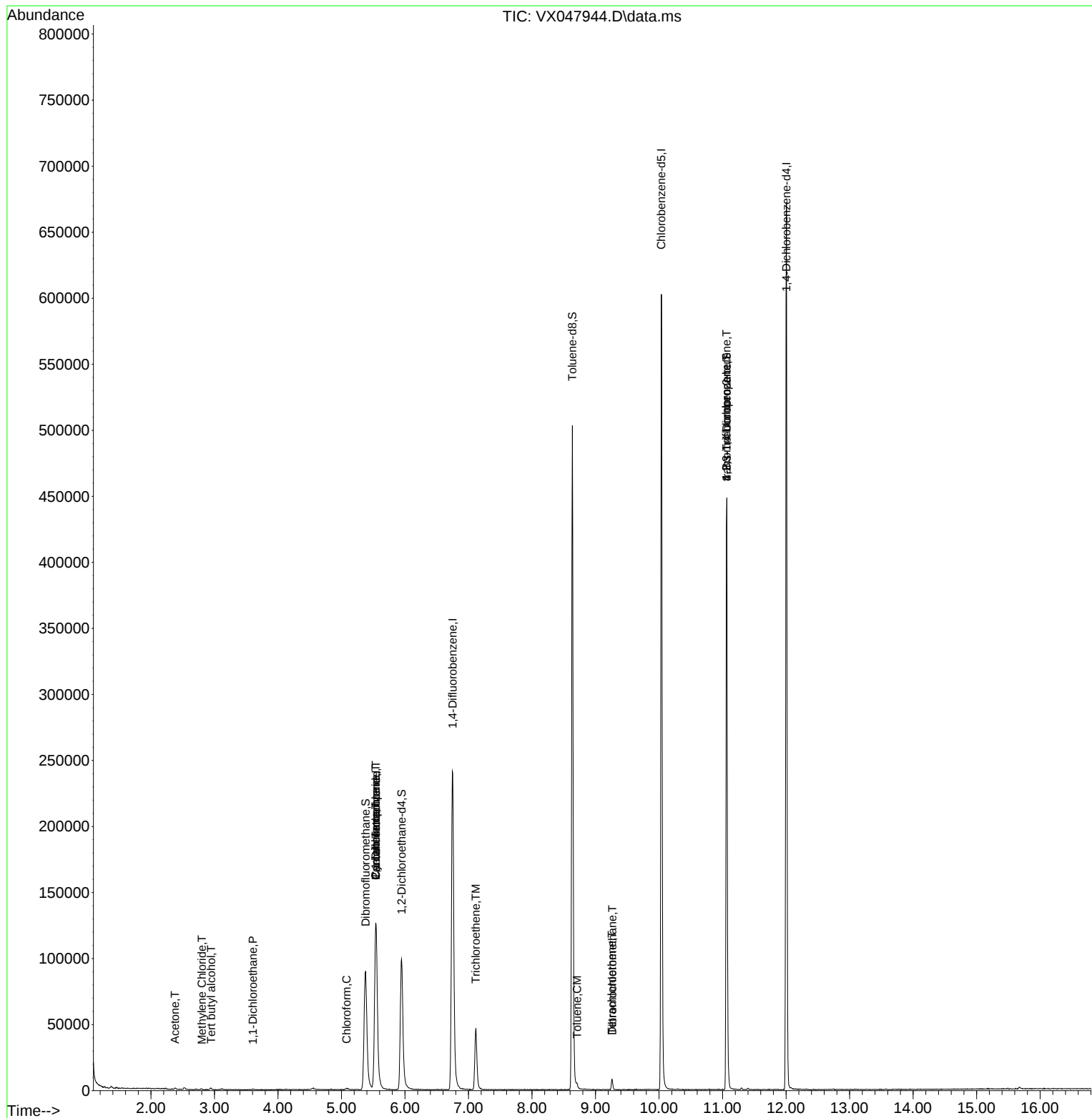
Internal Standards						
1) Pentafluorobenzene	5.544	168	126689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	265155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	277726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	141078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	110113	54.604	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 109.200%		
35) Dibromofluoromethane	5.379	113	88961	50.027	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 100.060%		
50) Toluene-d8	8.635	98	299767	48.717	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 97.440%		
62) 4-Bromofluorobenzene	11.061	95	128652	55.091	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 110.180%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.947	59	354	1.576	ug/l #	72
16) Acetone	2.380	43	1483	1.691	ug/l	90
20) Methylene Chloride	2.800	84	389	0.210	ug/l #	38
24) 1,1-Dichloroethane	3.605	63	707	0.221	ug/l #	81
30) Chloroform	5.080	83	1528	0.473	ug/l	93
31) Cyclohexane	5.538	56	2949	1.107	ug/l #	49
36) 1,1-Dichloropropene	5.538	75	11249	4.329	ug/l #	50
38) Carbon Tetrachloride	5.544	117	13557	4.802	ug/l #	17
44) Trichloroethene	7.117	130	19108	10.014	ug/l	93
52) Toluene	8.708	92	1156	0.238	ug/l	92
60) Dibromochloromethane	9.263	129	1508	0.698	ug/l #	11
64) Tetrachloroethene	9.257	164	1558	0.861	ug/l #	74
76) 1,2,3-Trichloropropane	11.061	75	68098	23.841	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	68098	60.797	ug/l #	8

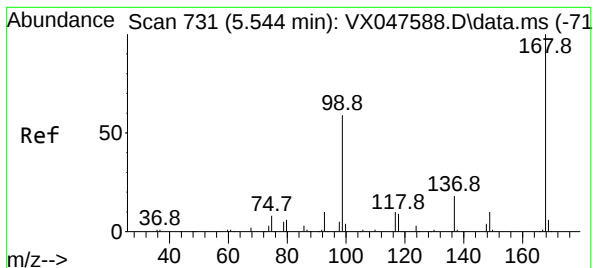
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX047944.D

Acq: 01 Oct 2025 16:32

Instrument :

MSVOA_X

ClientSampleId :

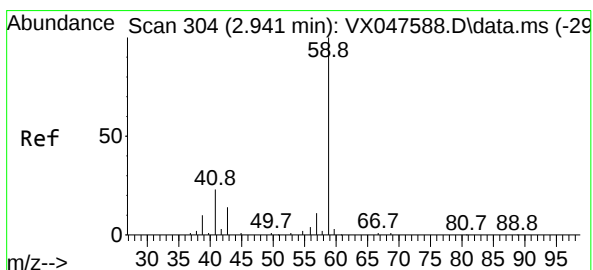
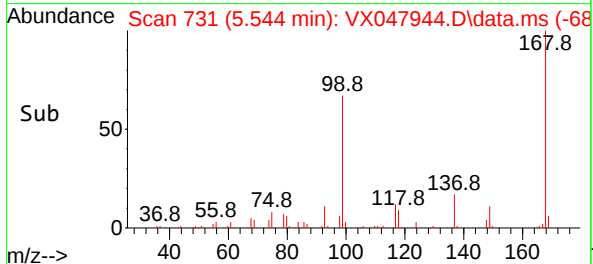
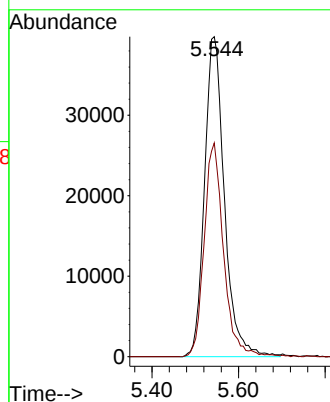
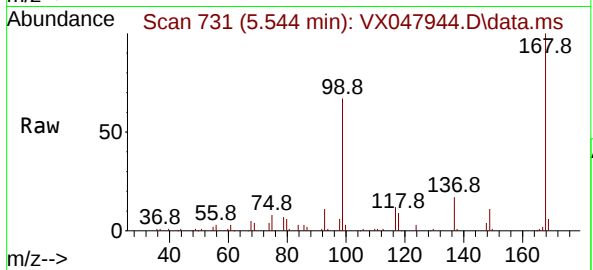
TT150S1-20250922

Tgt Ion:168 Resp: 126689

Ion Ratio Lower Upper

168 100

99 66.8 48.8 73.2



#11

Tert butyl alcohol

Concen: 1.576 ug/l

RT: 2.947 min Scan# 305

Delta R.T. 0.006 min

Lab File: VX047944.D

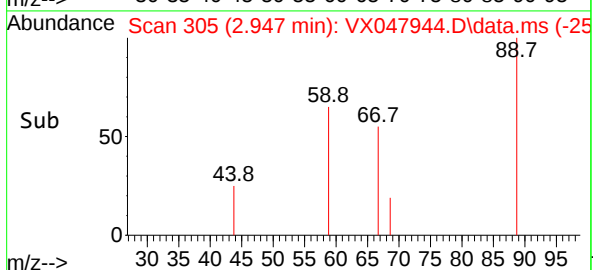
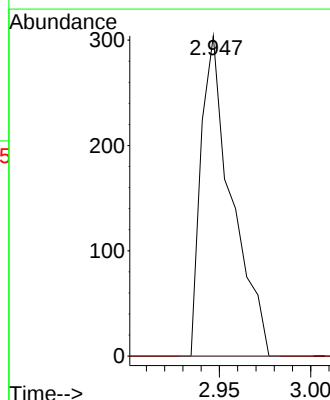
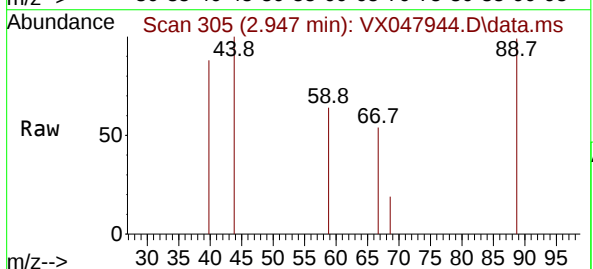
Acq: 01 Oct 2025 16:32

Tgt Ion: 59 Resp: 354

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#

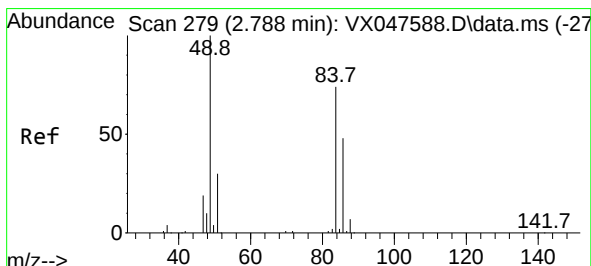
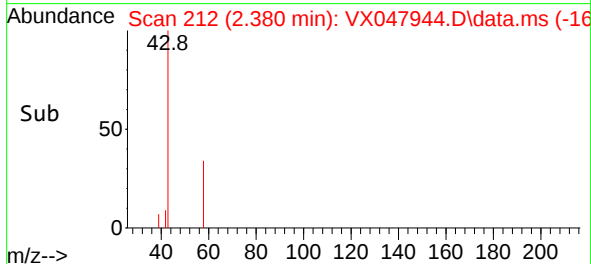
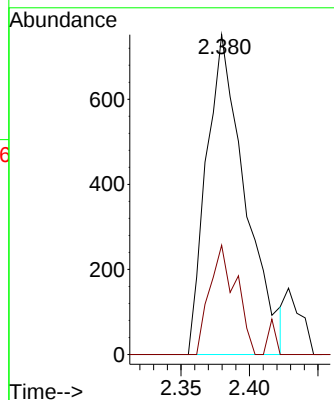
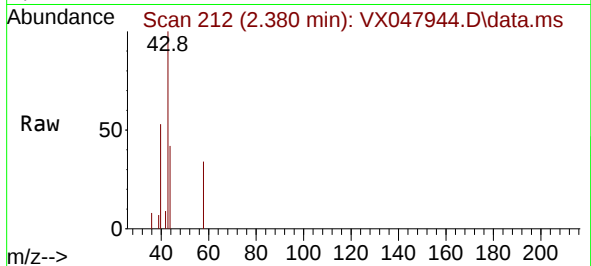




#16
Acetone
Concen: 1.691 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

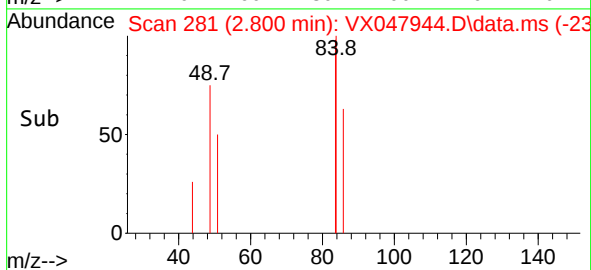
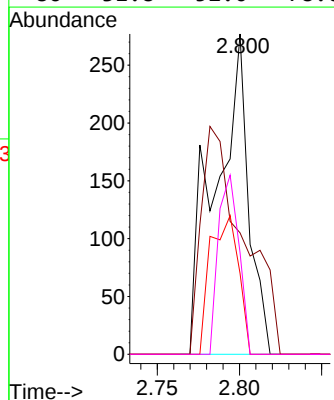
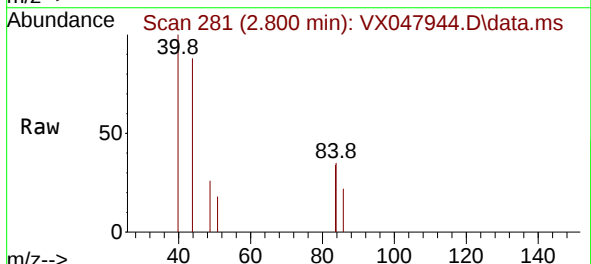
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250922

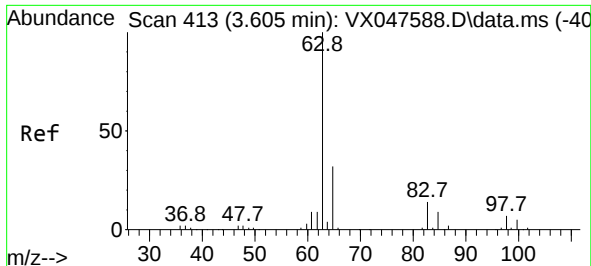
Tgt Ion: 43 Resp: 1483
Ion Ratio Lower Upper
43 100
58 24.0 23.4 35.0



#20
Methylene Chloride
Concen: 0.210 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

Tgt Ion: 84 Resp: 389
Ion Ratio Lower Upper
84 100
49 37.9 108.6 162.8#
51 25.3 32.6 48.8#
86 31.8 52.0 78.0#

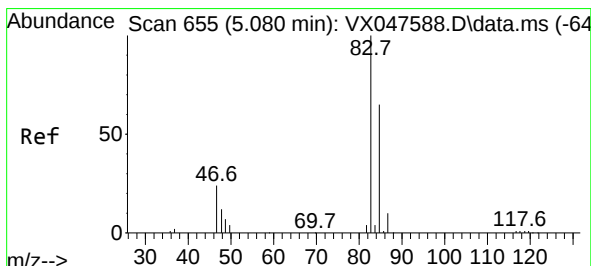
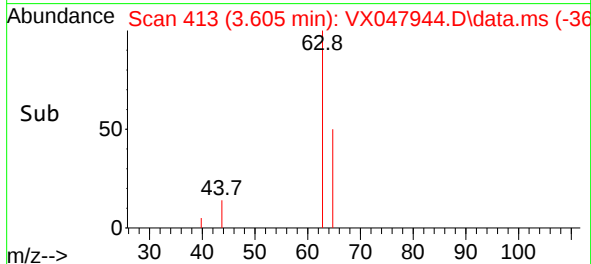
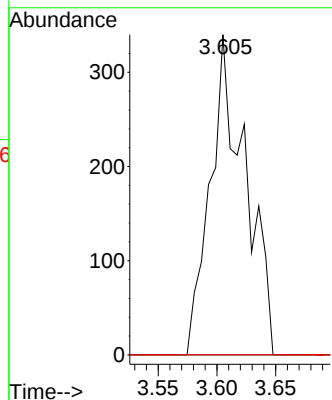
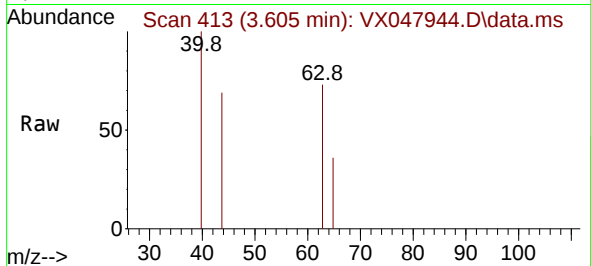




#24
1,1-Dichloroethane
Concen: 0.221 ug/l
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

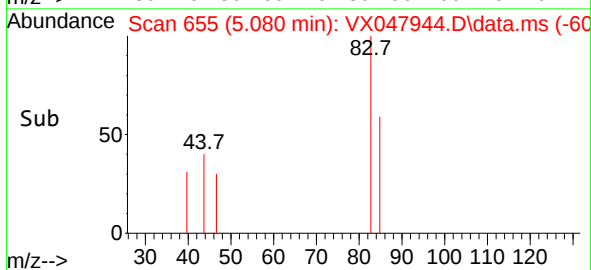
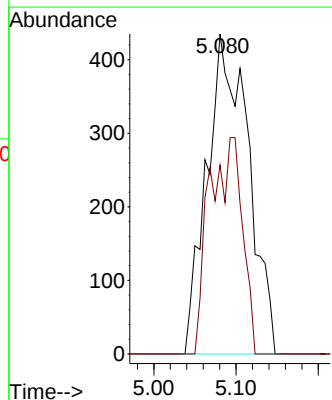
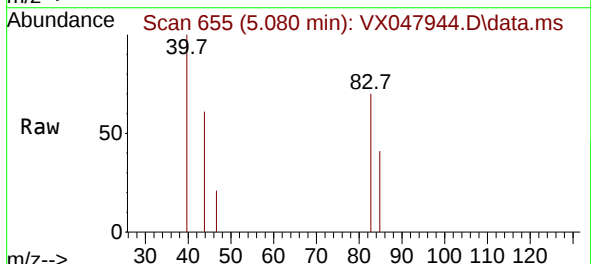
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250922

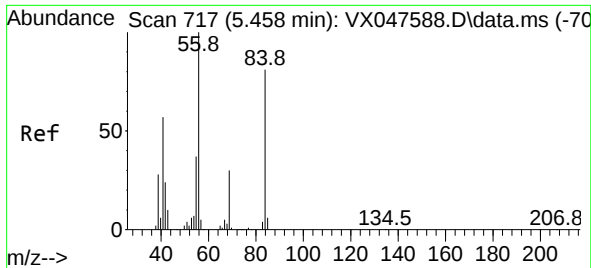
Tgt Ion: 63 Resp: 707
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.3 6.9#



#30
Chloroform
Concen: 0.473 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

Tgt Ion: 83 Resp: 1528
Ion Ratio Lower Upper
83 100
85 59.1 51.8 77.6

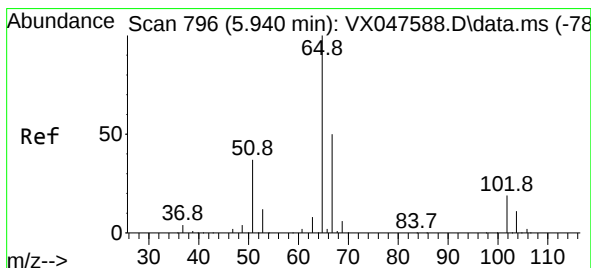
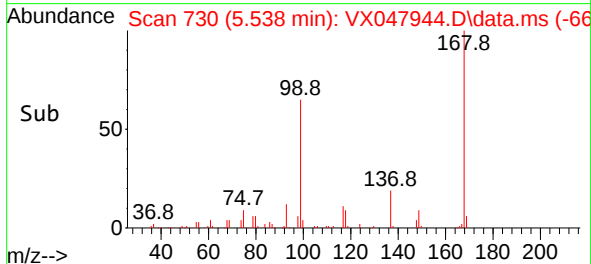
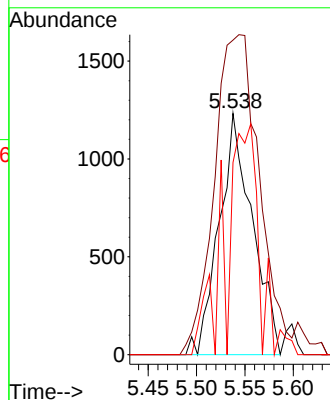
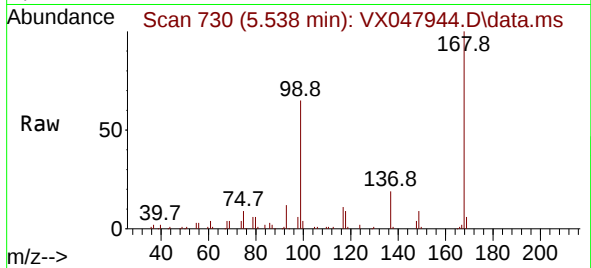




#31
Cyclohexane
Concen: 1.107 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

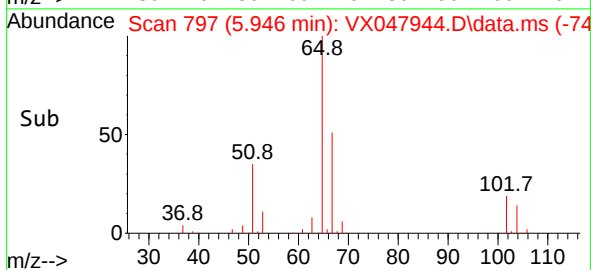
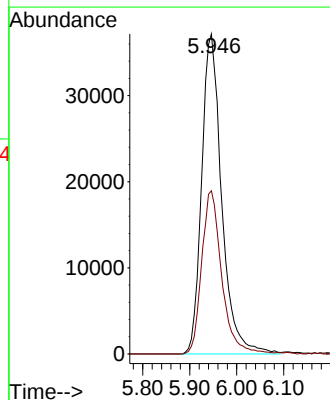
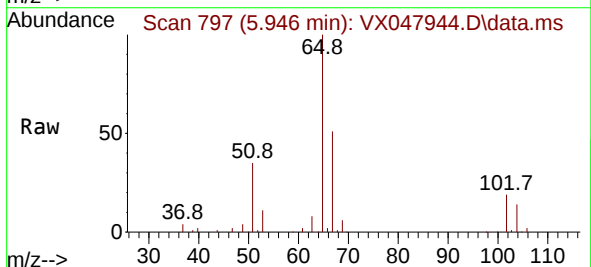
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250922

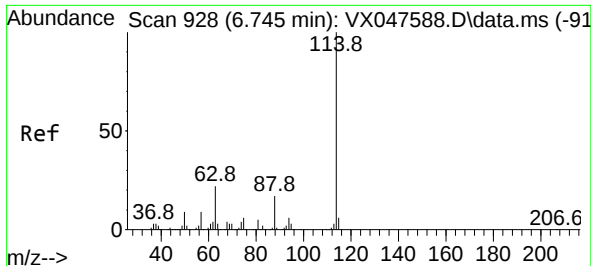
Tgt Ion: 56 Resp: 2949
Ion Ratio Lower Upper
56 100
69 130.3 23.8 35.8#
84 79.6 64.6 97.0



#33
1,2-Dichloroethane-d4
Concen: 54.604 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

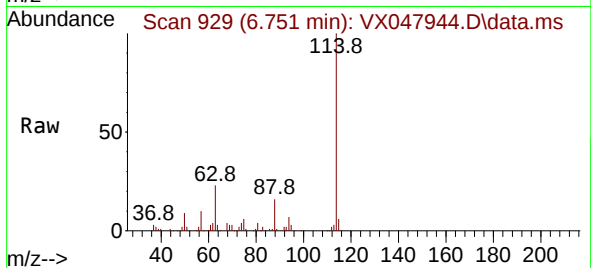
Tgt Ion: 65 Resp: 110113
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0



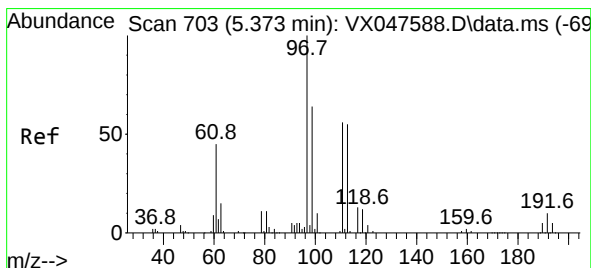
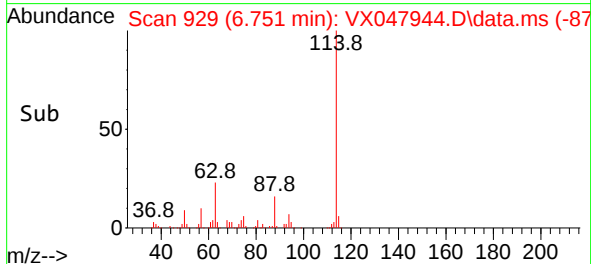
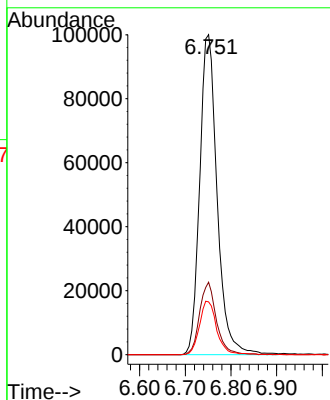


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250922

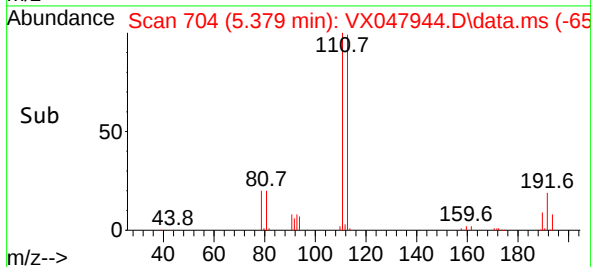
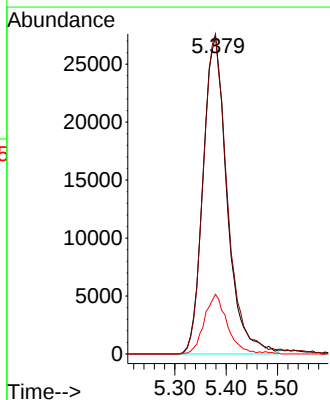
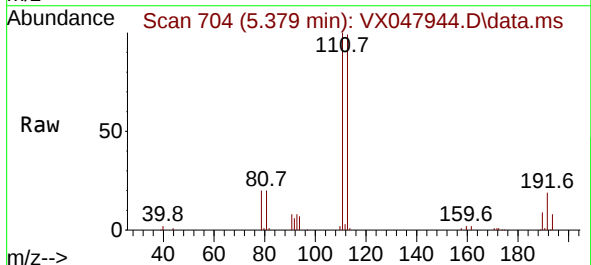


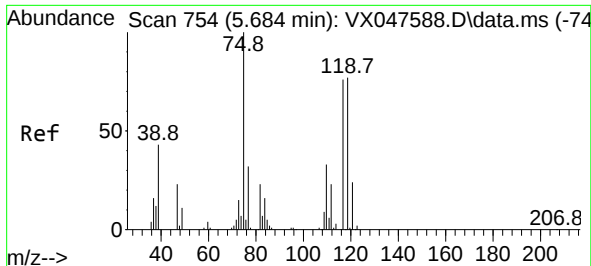
Tgt Ion:114 Resp: 265155
Ion Ratio Lower Upper
114 100
63 25.8 0.0 44.0
88 16.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.027 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

Tgt Ion:113 Resp: 88961
Ion Ratio Lower Upper
113 100
111 101.6 80.9 121.3
192 17.9 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.329 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX047944.D

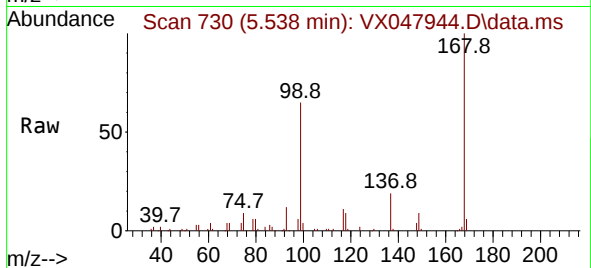
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Instrument :

MSVOA_X

ClientSampleId :

TT150S1-20250922



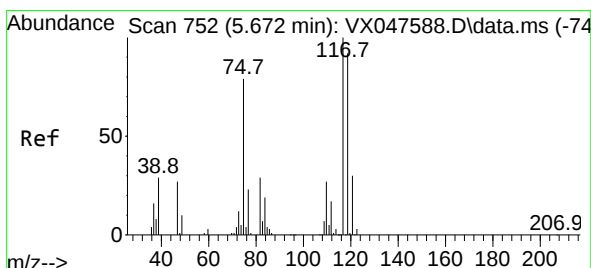
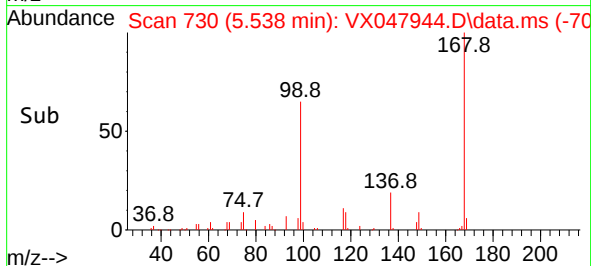
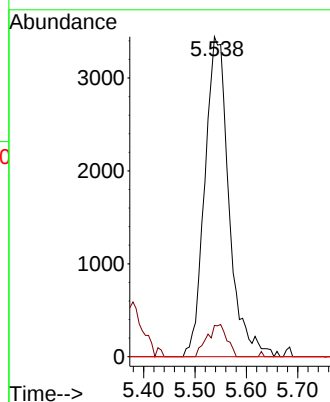
Tgt Ion: 75 Resp: 11249

Ion Ratio Lower Upper

75 100

110 8.2 16.7 50.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 4.802 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX047944.D

Acq: 01 Oct 2025 16:32

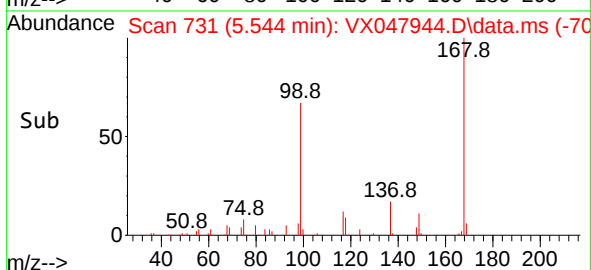
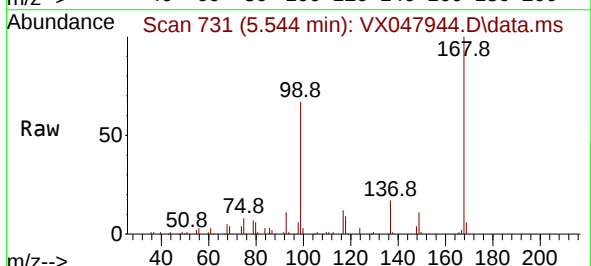
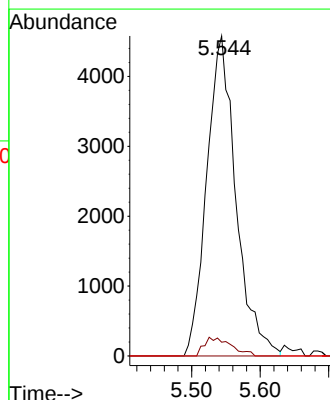
Tgt Ion: 117 Resp: 13557

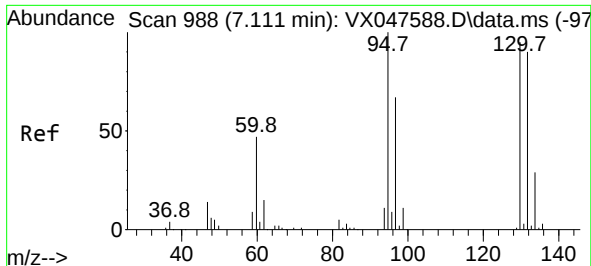
Ion Ratio Lower Upper

117 100

119 4.3 73.4 110.2#

121 0.0 23.8 35.6#

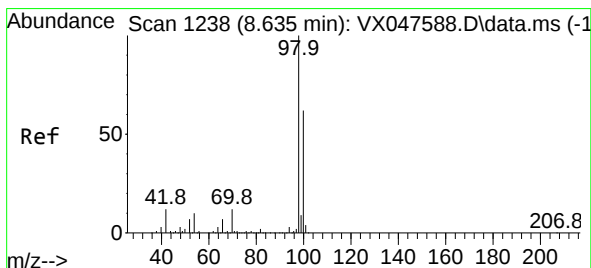
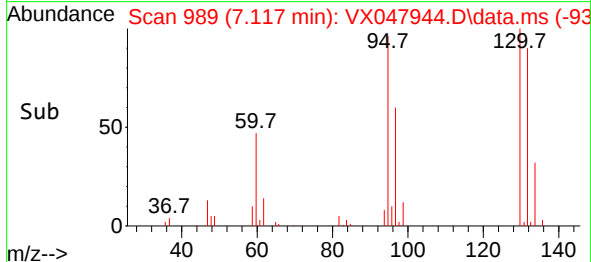
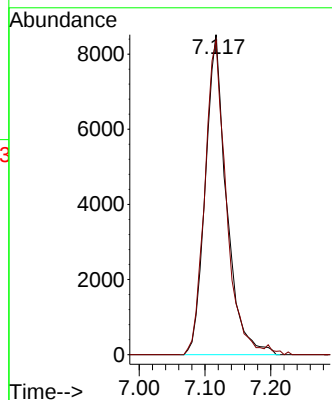
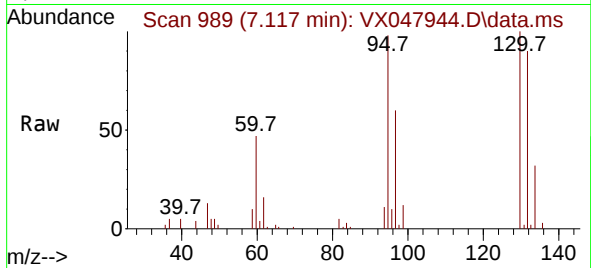




#44
Trichloroethene
Concen: 10.014 ug/l
RT: 7.117 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

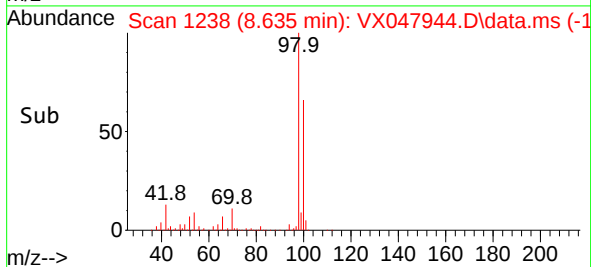
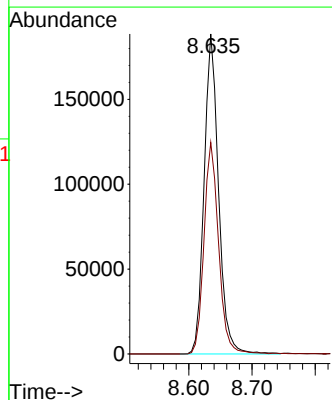
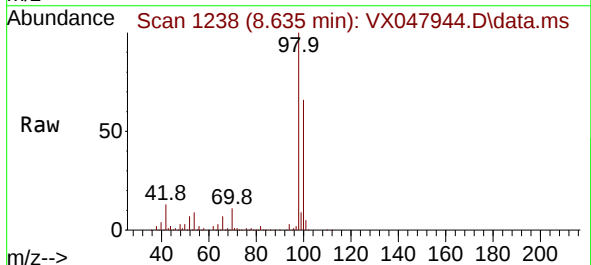
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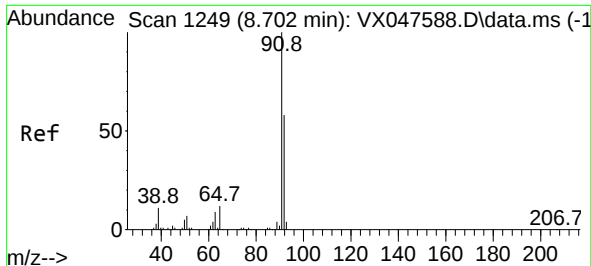
Tgt Ion:130 Resp: 19108
Ion Ratio Lower Upper
130 100
95 98.2 0.0 210.8



#50
Toluene-d8
Concen: 48.717 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

Tgt Ion: 98 Resp: 299767
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4

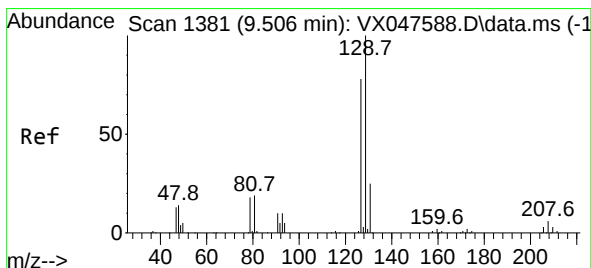
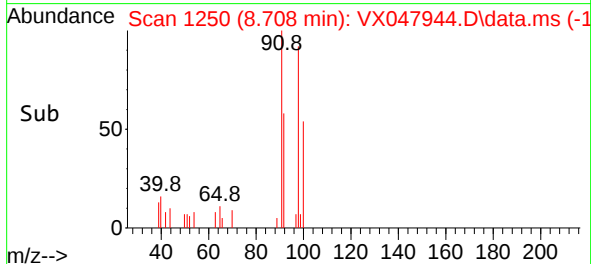
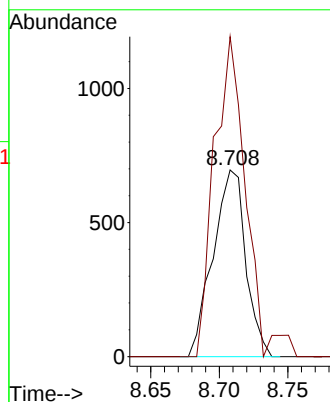
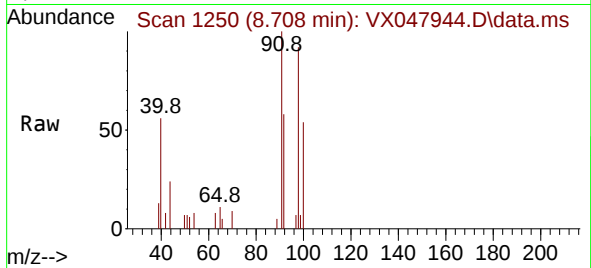




#52
Toluene
Concen: 0.238 ug/l
RT: 8.708 min Scan# 1156
Delta R.T. 0.006 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

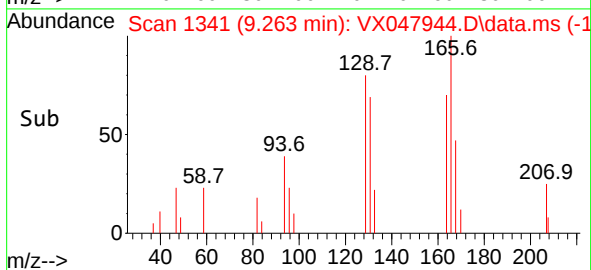
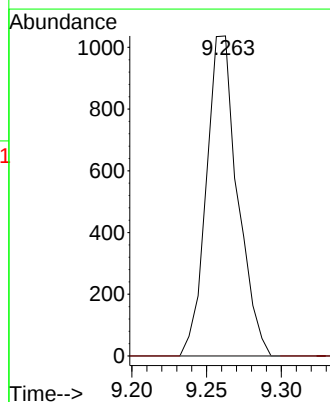
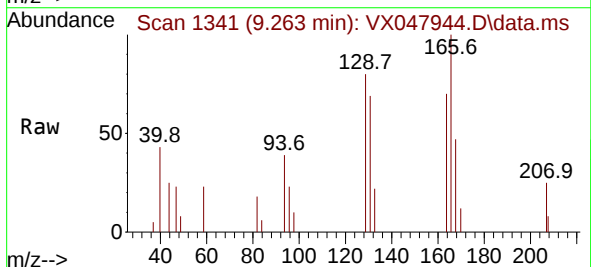
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250922

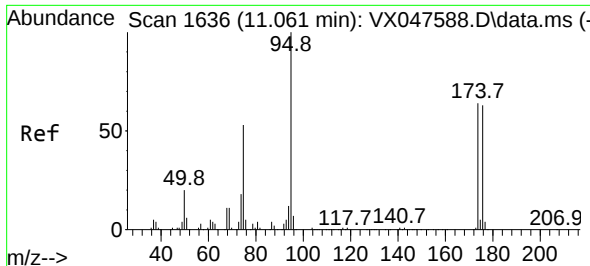
Tgt Ion: 92 Resp: 1156
Ion Ratio Lower Upper
92 100
91 160.8 137.1 205.7



#60
Dibromochloromethane
Concen: 0.698 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. -0.244 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

Tgt Ion: 129 Resp: 1508
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

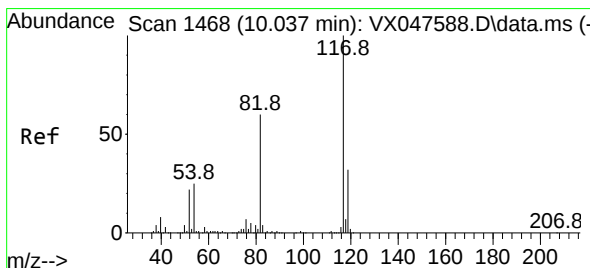
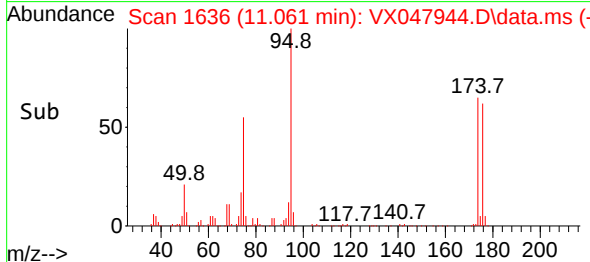
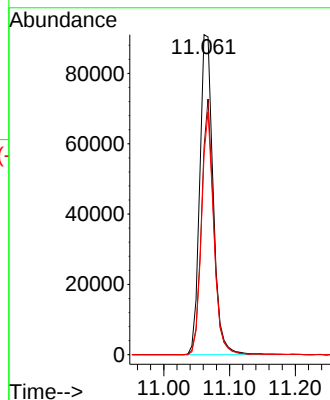
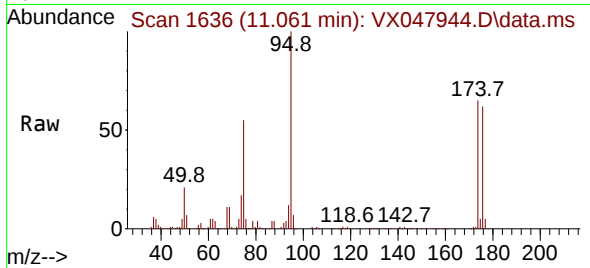




#62
4-Bromofluorobenzene
Concen: 55.091 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

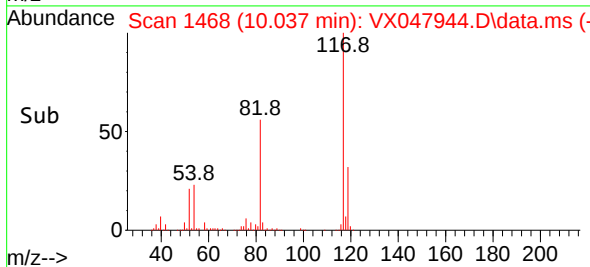
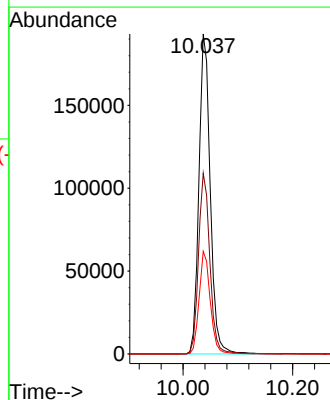
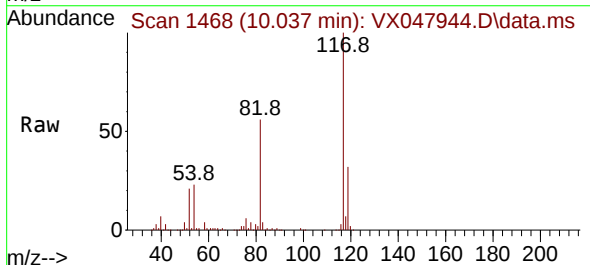
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250922

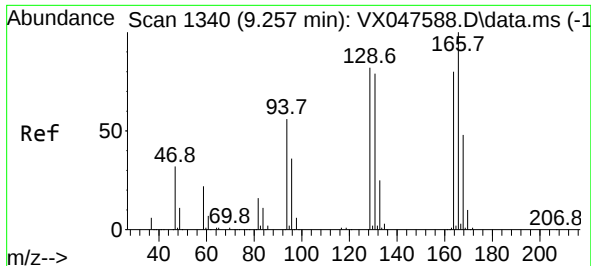
Tgt Ion: 95 Resp: 128652
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.6
176 69.9 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

Tgt Ion: 117 Resp: 277726
Ion Ratio Lower Upper
117 100
82 56.5 47.8 71.6
119 32.1 25.2 37.8

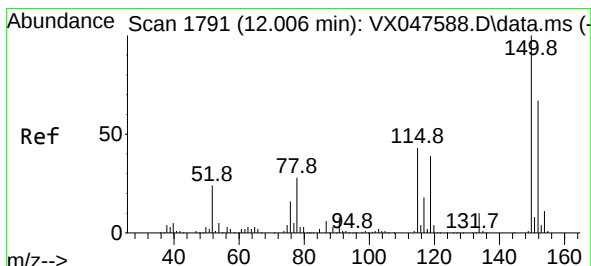
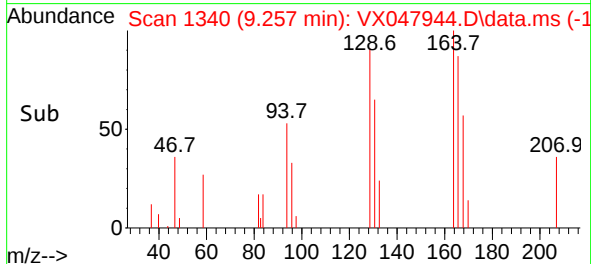
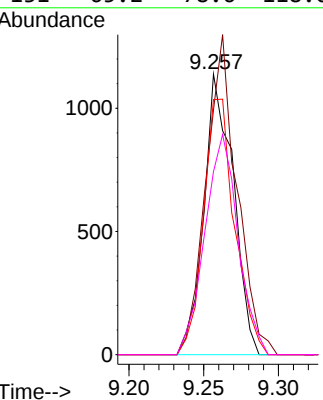
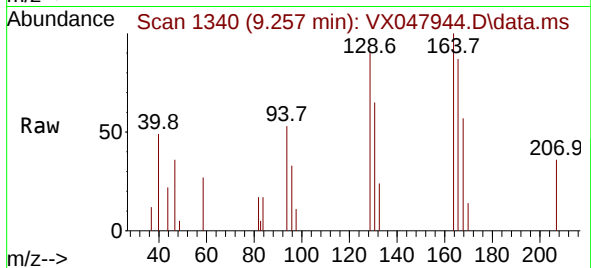




#64
Tetrachloroethene
Concen: 0.861 ug/l
RT: 9.257 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

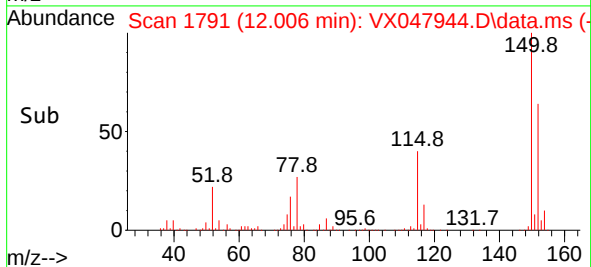
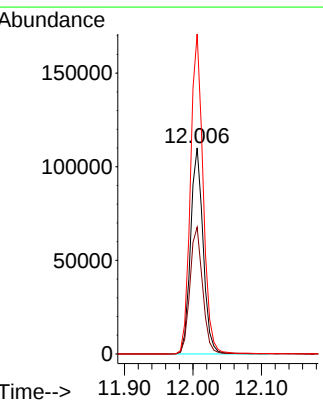
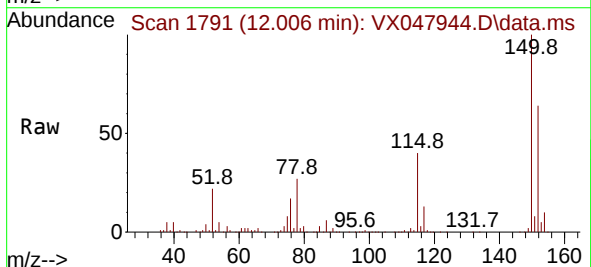
Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250922

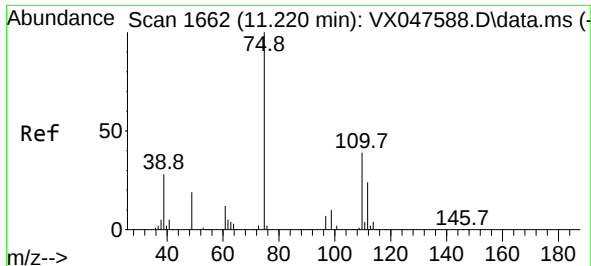
Tgt Ion:	164	Resp:	1558
Ion Ratio	Lower	Upper	
164	100		
166	87.2	100.2	150.2#
129	90.9	81.8	122.6
131	65.2	78.6	118.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

Tgt Ion:	152	Resp:	141078
Ion Ratio	Lower	Upper	
152	100		
115	62.2	44.9	134.5
150	155.3	0.0	352.0

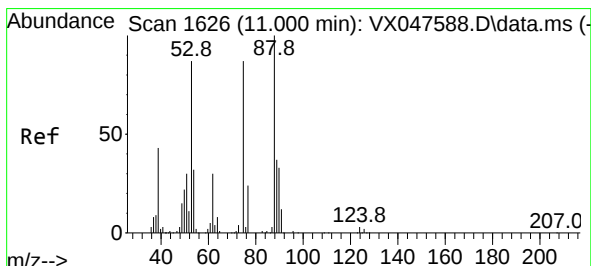
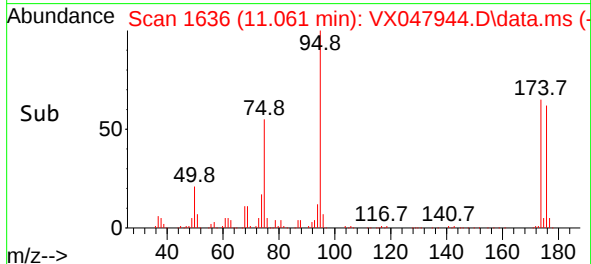
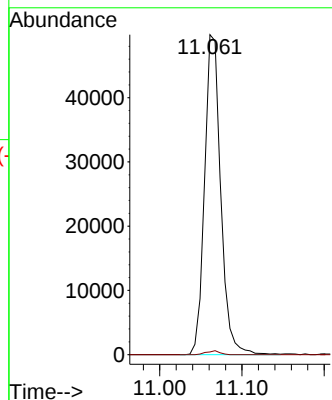
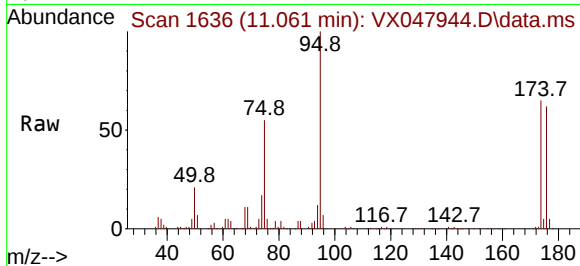




#76
1,2,3-Trichloropropane
Concen: 23.841 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

Instrument :
MSVOA_X
ClientSampleId :
TT150S1-20250922

Tgt Ion: 75 Resp: 68098
Ion Ratio Lower Upper
75 100
77 1.0 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.797 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047944.D
Acq: 01 Oct 2025 16:32

Tgt Ion: 75 Resp: 68098
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

