

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
 Data File : VX047607.D
 Acq On : 17 Sep 2025 11:18
 Operator : JC/MD
 Sample : Q3095-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW305I-20250908

Quant Time: Sep 22 03:03:40 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

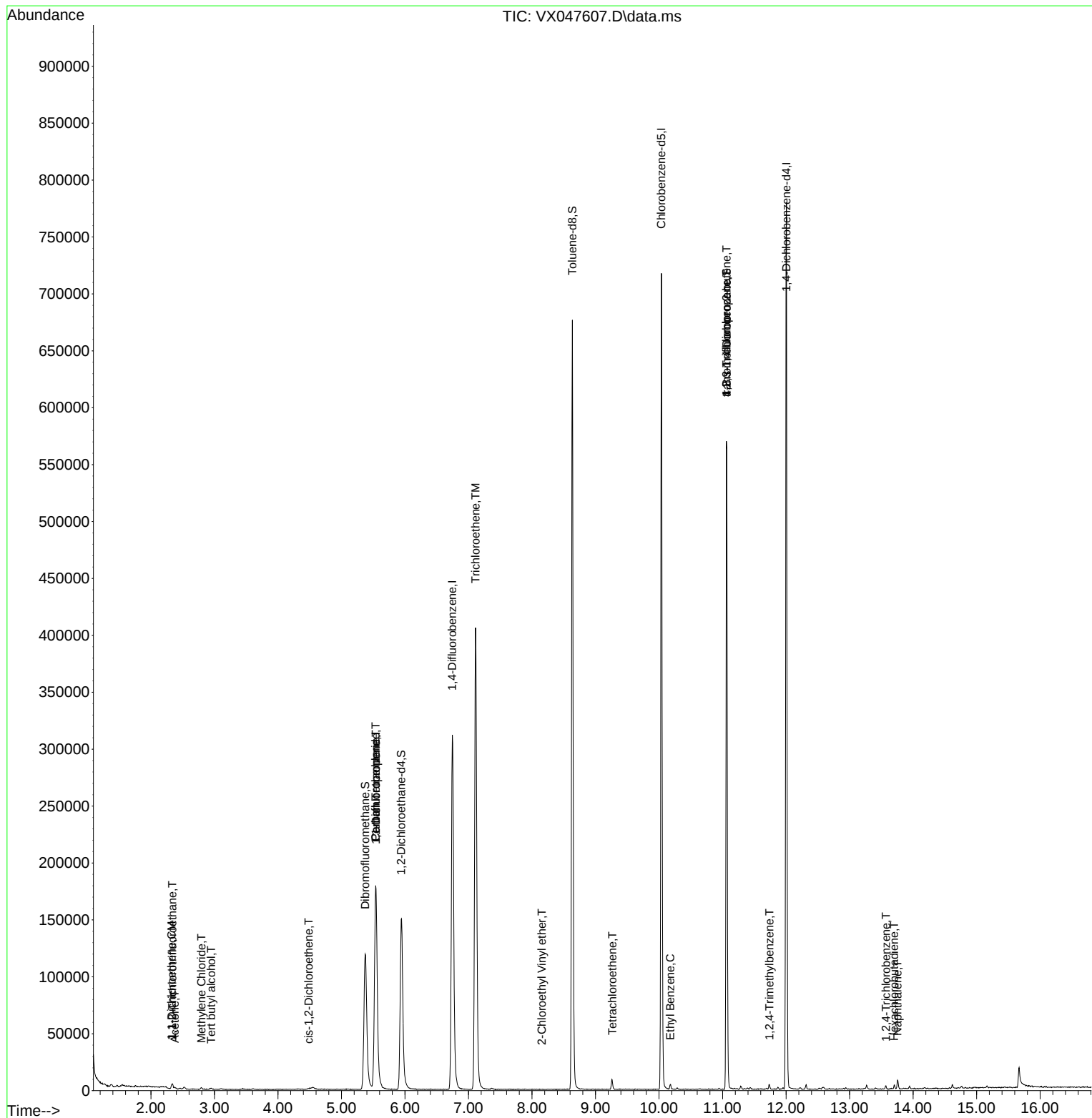
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	179671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	340919	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	319888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	165030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	165402	57.835	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 115.660%		
35) Dibromofluoromethane	5.373	113	117297	51.302	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.600%		
50) Toluene-d8	8.635	98	406139	51.336	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.680%		
62) 4-Bromofluorobenzene	11.061	95	166536	55.466	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 110.940%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	1399	0.673	ug/l	96
11) Tert butyl alcohol	2.947	59	209	0.656	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	893	0.418	ug/l #	85
16) Acetone	2.374	43	2084	1.676	ug/l	97
20) Methylene Chloride	2.794	84	631	0.240	ug/l #	73
27) cis-1,2-Dichloroethene	4.483	96	704	0.250	ug/l	41
36) 1,1-Dichloropropene	5.544	75	15971	4.780	ug/l #	50
38) Carbon Tetrachloride	5.538	117	19036	5.244	ug/l #	17
44) Trichloroethene	7.111	130	168949	68.867	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.153	63	23	7.905	ug/l #	47
64) Tetrachloroethene	9.263	164	1622	0.778	ug/l	95
67) Ethyl Benzene	10.177	91	2703	0.216	ug/l #	86
76) 1,2,3-Trichloropropane	11.061	75	87097	26.066	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	87097	66.473	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.738	105	2091	0.200	ug/l	96
93) 1,2,4-Trichlorobenzene	13.573	180	755	0.212	ug/l	93
94) Hexachlorobutadiene	13.701	225	565	0.468	ug/l	92
95) Naphthalene	13.756	128	5119	0.473	ug/l	99

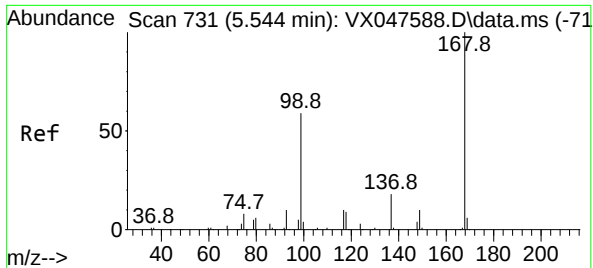
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
Data File : VX047607.D
Acq On : 17 Sep 2025 11:18
Operator : JC/MD
Sample : Q3095-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW305I-20250908

Quant Time: Sep 22 03:03:40 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

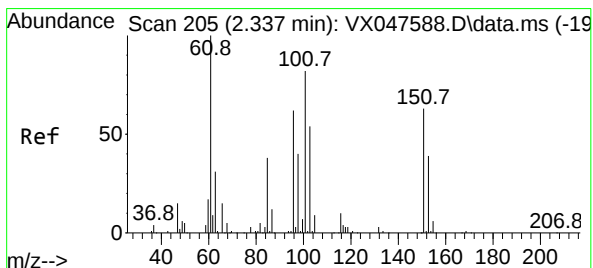
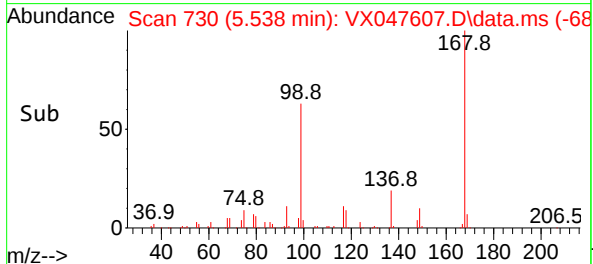
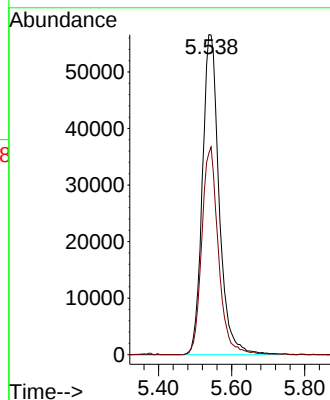
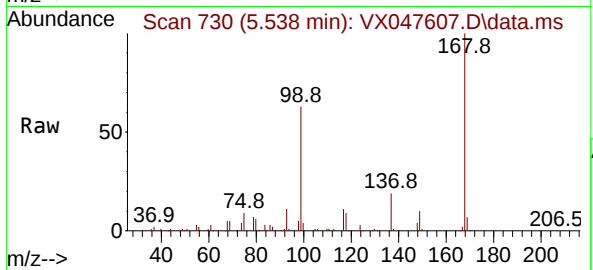




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

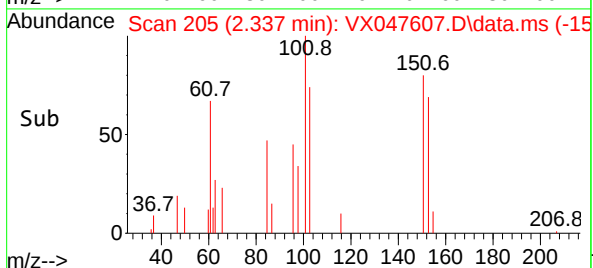
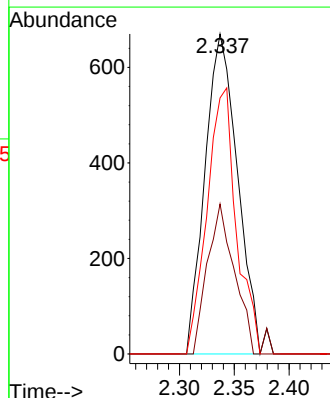
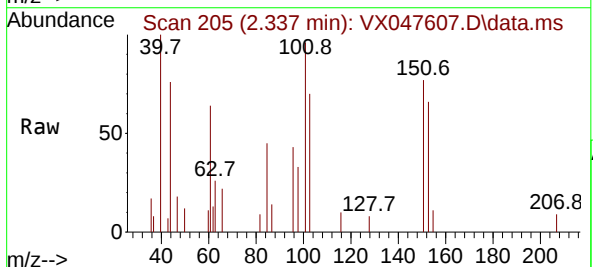
Instrument :
MSVOA_X
ClientSampleId :
MW305I-20250908

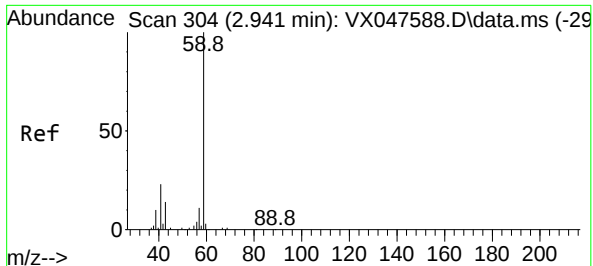
Tgt Ion:168 Resp: 179671
Ion Ratio Lower Upper
168 100
99 62.9 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.673 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

Tgt Ion:101 Resp: 1399
Ion Ratio Lower Upper
101 100
85 38.4 35.5 53.3
151 74.1 59.4 89.0

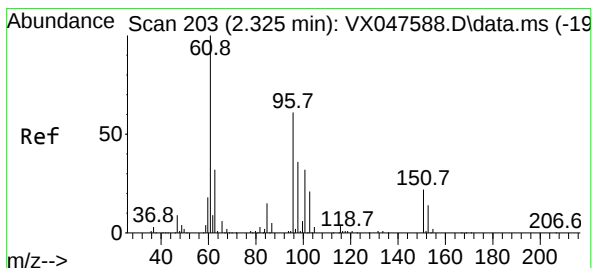
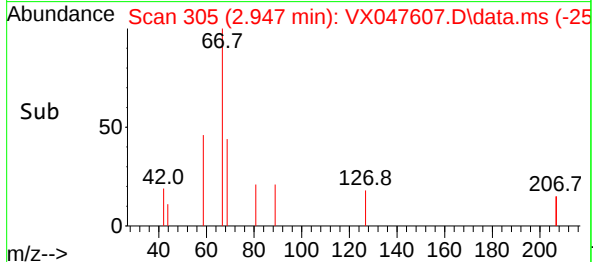
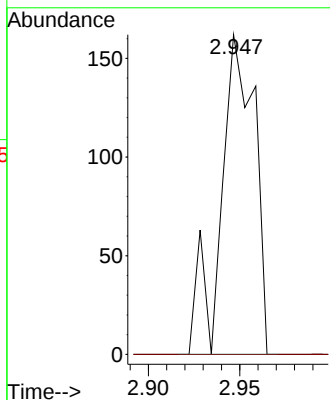
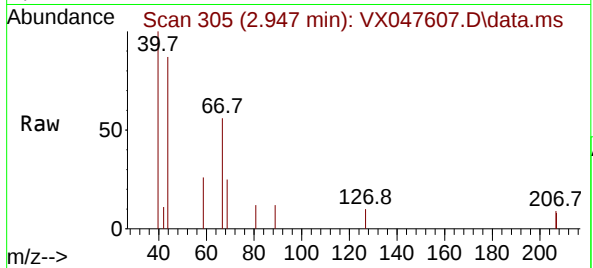




#11
Tert butyl alcohol
Concen: 0.656 ug/l
RT: 2.947 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

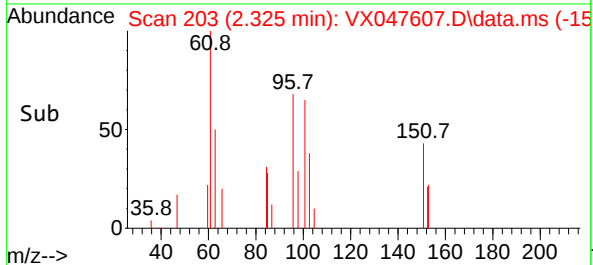
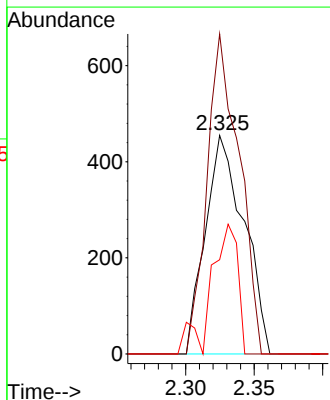
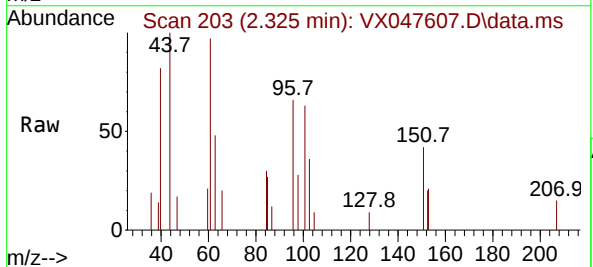
Instrument :
MSVOA_X
ClientSampleId :
MW305I-20250908

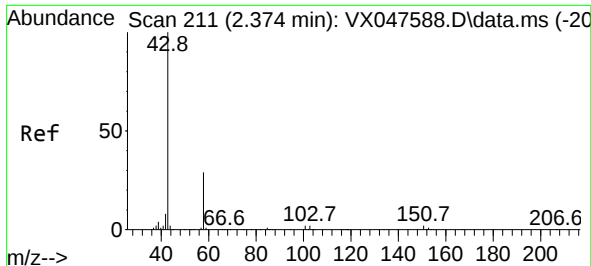
Tgt Ion: 59 Resp: 209
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.418 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

Tgt Ion: 96 Resp: 893
Ion Ratio Lower Upper
96 100
61 146.4 131.0 196.6
98 43.1 47.7 71.5#

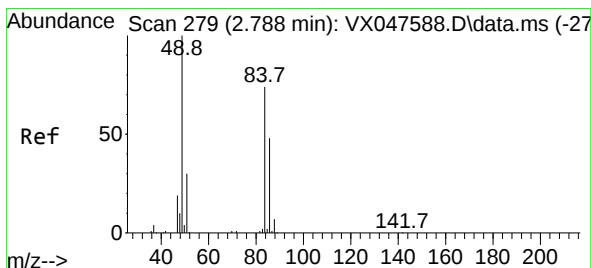
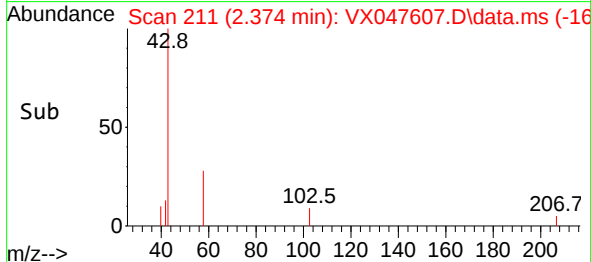
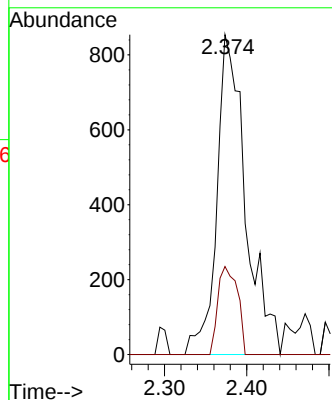
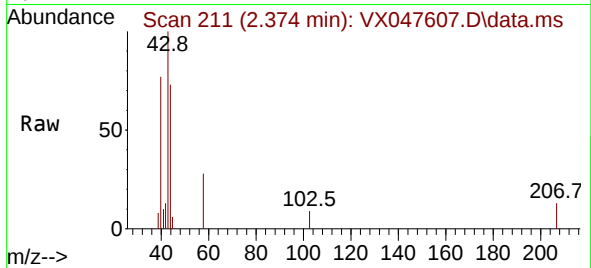




#16
Acetone
Concen: 1.676 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

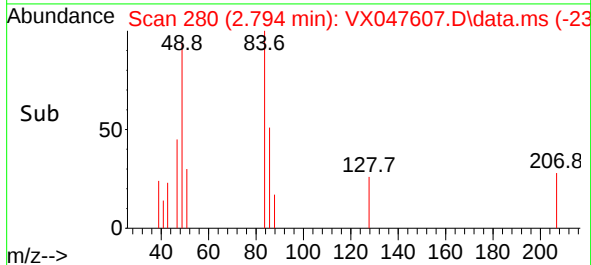
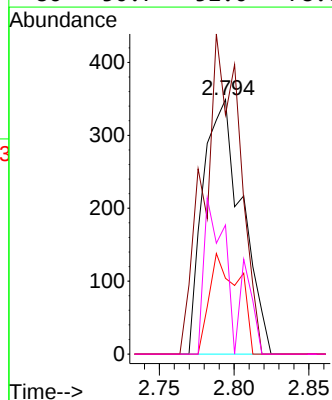
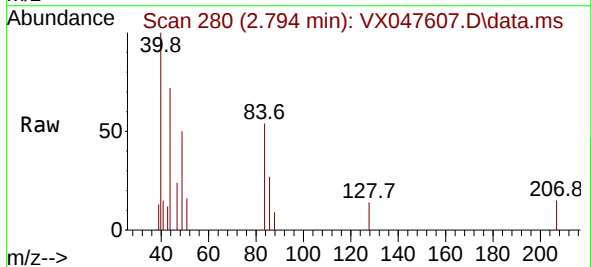
Instrument :
MSVOA_X
ClientSampleId :
MW305I-20250908

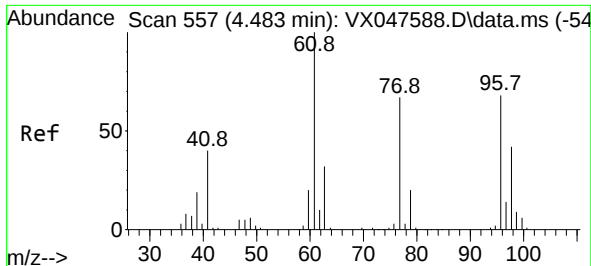
Tgt Ion: 43 Resp: 2084
Ion Ratio Lower Upper
43 100
58 27.5 23.4 35.0



#20
Methylene Chloride
Concen: 0.240 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

Tgt Ion: 84 Resp: 631
Ion Ratio Lower Upper
84 100
49 94.0 108.6 162.8#
51 29.8 32.6 48.8#
86 50.7 52.0 78.0#

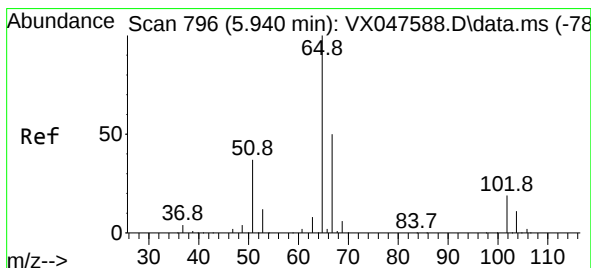
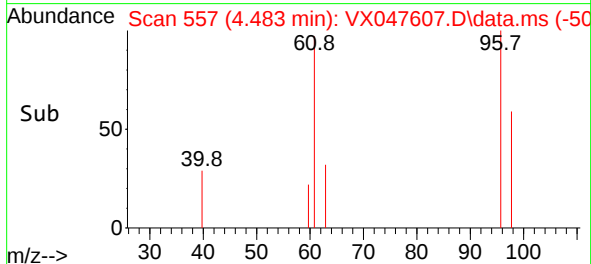
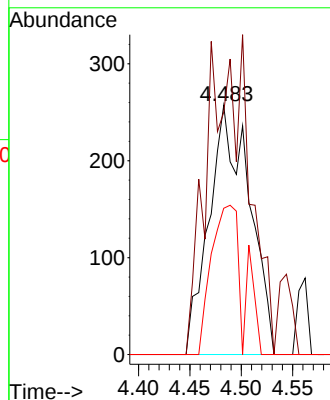
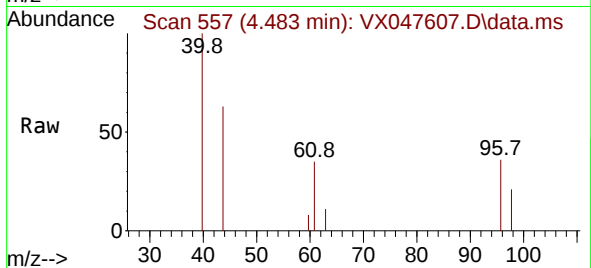




#27
 cis-1,2-Dichloroethene
 Concen: 0.250 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX047607.D
 Acq: 17 Sep 2025 11:18

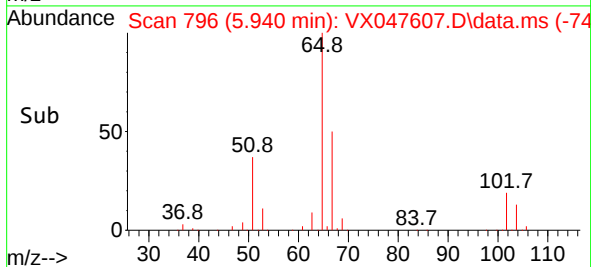
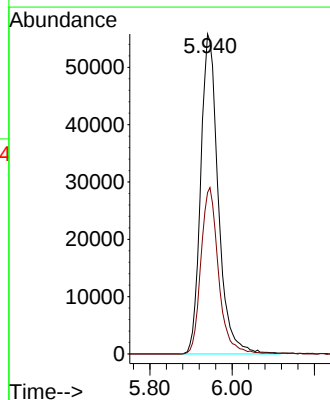
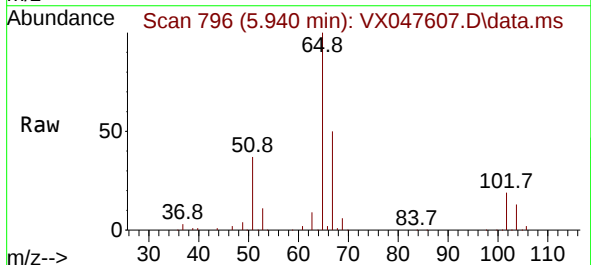
Instrument :
 MSVOA_X
 ClientSampleId :
 MW305I-20250908

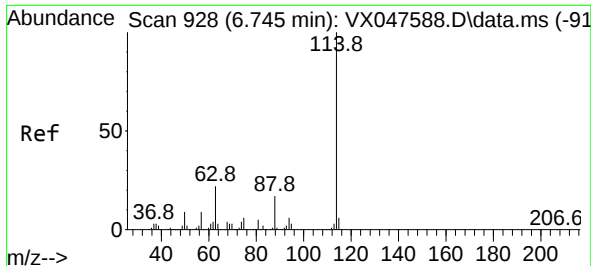
Tgt Ion:	96	Resp:	704
Ion	Ratio	Lower	Upper
96	100		
61	61.2	0.0	303.2
98	38.6	0.0	127.8



#33
 1,2-Dichloroethane-d4
 Concen: 57.835 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX047607.D
 Acq: 17 Sep 2025 11:18

Tgt Ion:	65	Resp:	165402
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.0

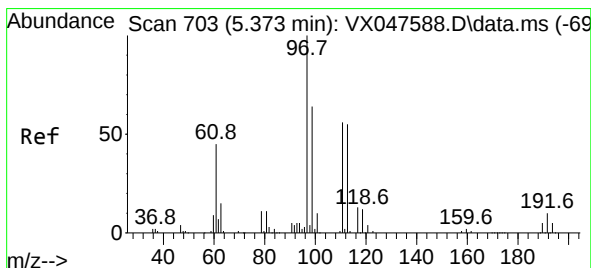
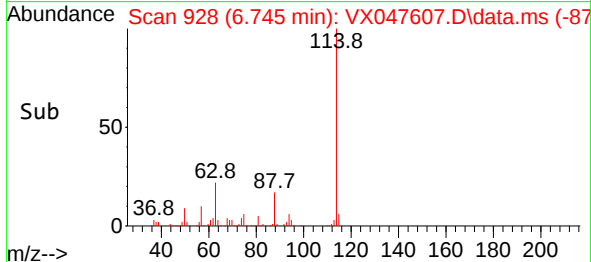
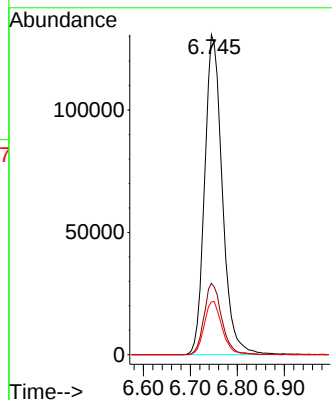
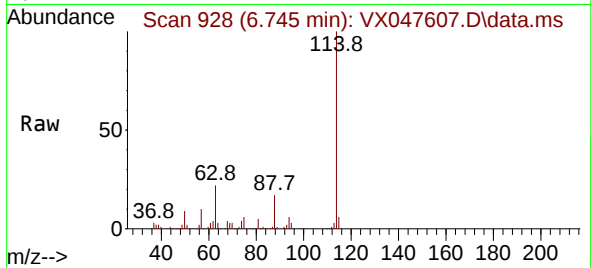




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

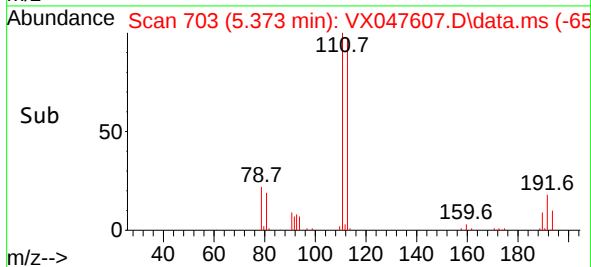
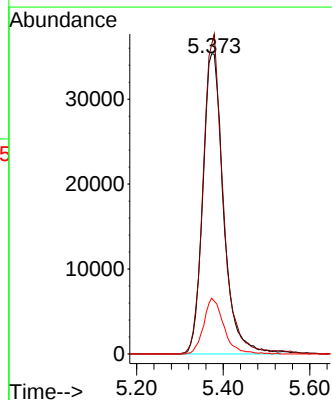
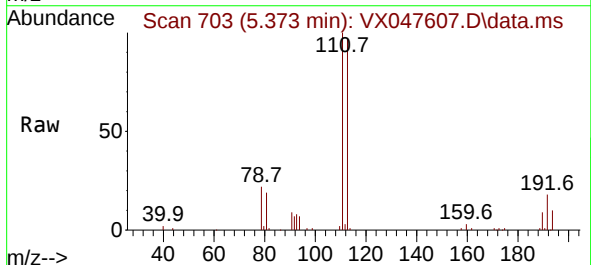
Instrument :
MSVOA_X
ClientSampleId :
MW305I-20250908

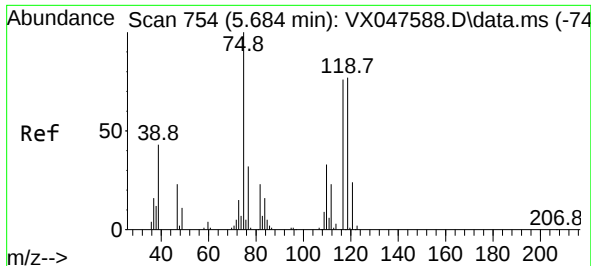
Tgt Ion:114 Resp: 340919
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.0
88 16.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.302 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

Tgt Ion:113 Resp: 117297
Ion Ratio Lower Upper
113 100
111 102.3 80.9 121.3
192 18.1 14.2 21.4

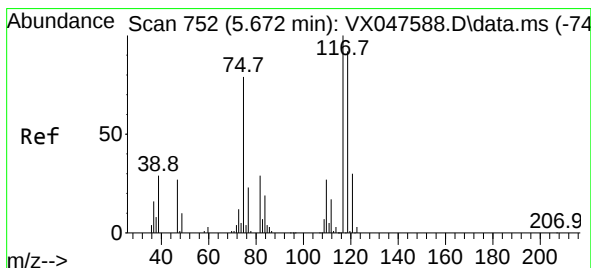
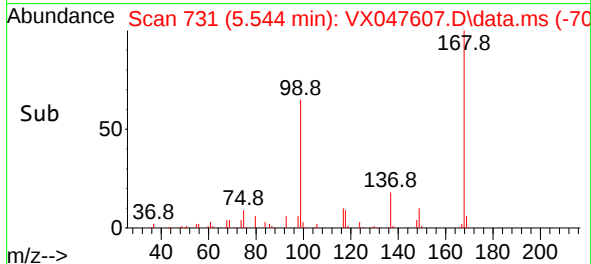
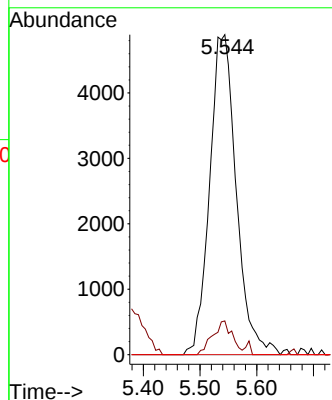
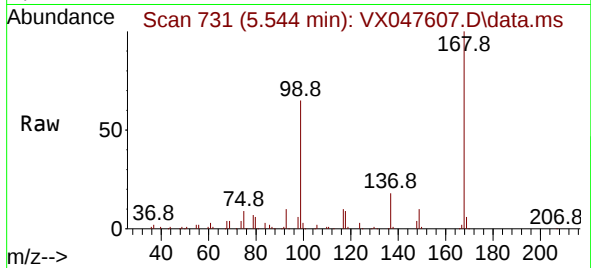




#36
1,1-Dichloropropene
Concen: 4.780 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

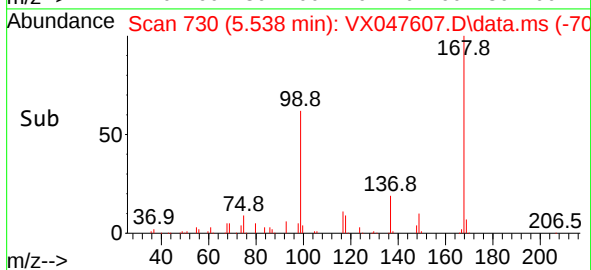
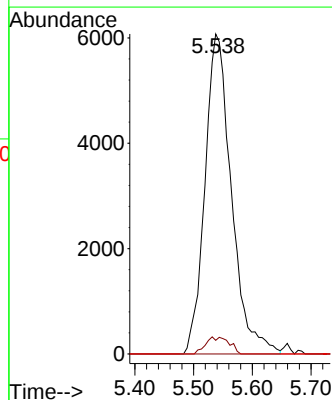
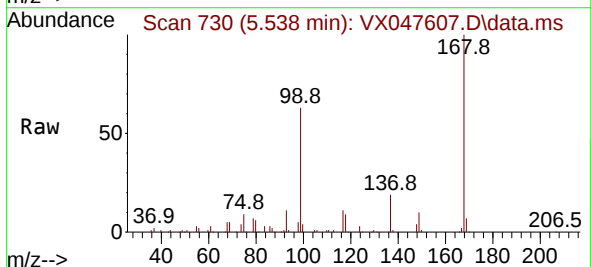
Instrument :
MSVOA_X
ClientSampleId :
MW305I-20250908

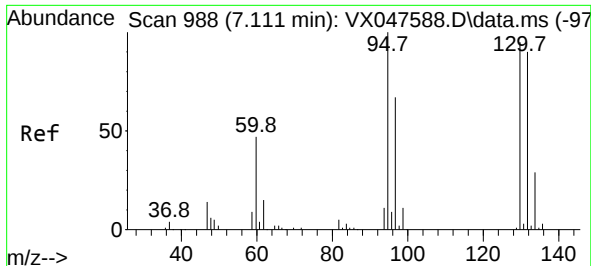
Tgt Ion: 75 Resp: 15971
Ion Ratio Lower Upper
75 100
110 7.8 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.244 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

Tgt Ion: 117 Resp: 19036
Ion Ratio Lower Upper
117 100
119 4.3 73.4 110.2#
121 0.0 23.8 35.6#

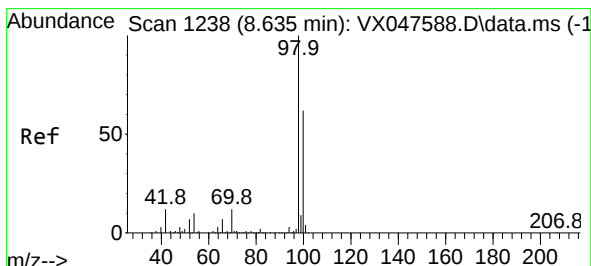
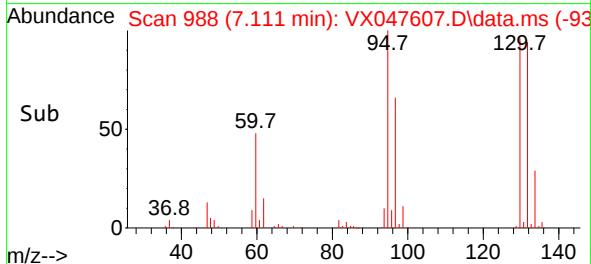
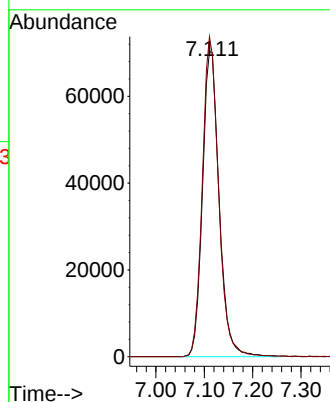
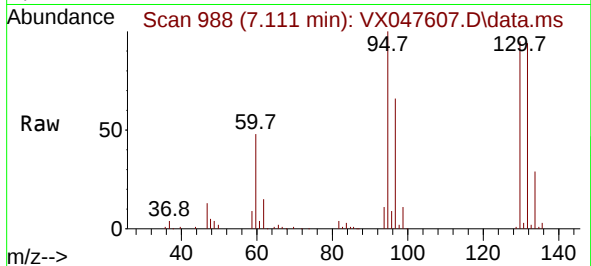




#44
Trichloroethene
Concen: 68.867 ug/l
RT: 7.111 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

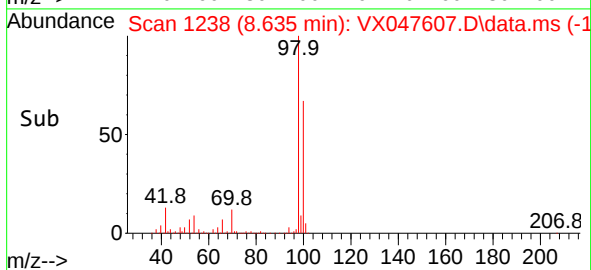
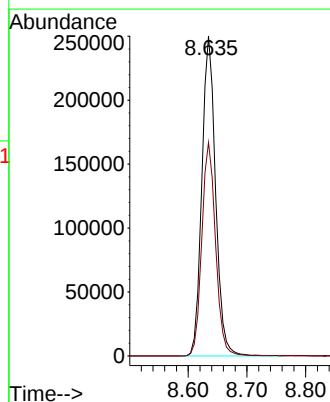
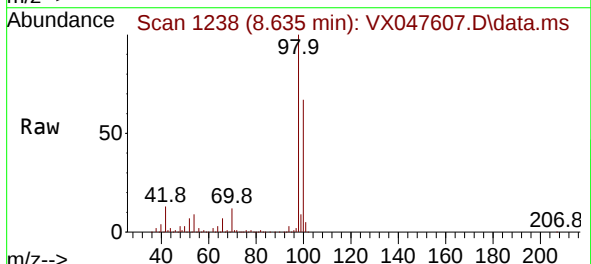
Instrument :
MSVOA_X
ClientSampleId :
MW305I-20250908

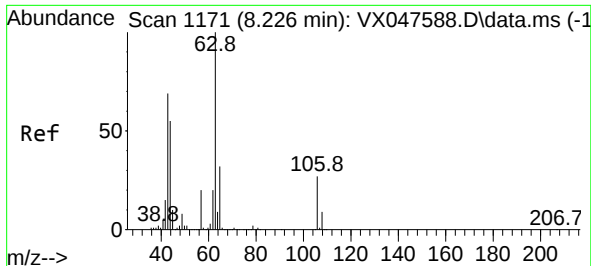
Tgt Ion:130 Resp: 168949
Ion Ratio Lower Upper
130 100
95 104.8 0.0 210.8



#50
Toluene-d8
Concen: 51.336 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

Tgt Ion: 98 Resp: 406139
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4

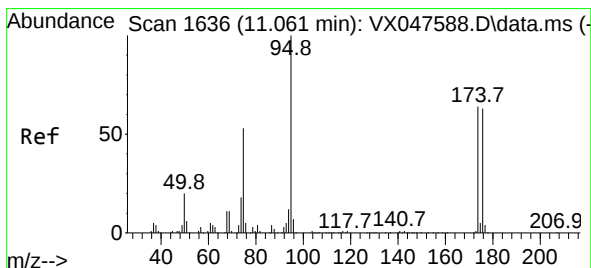
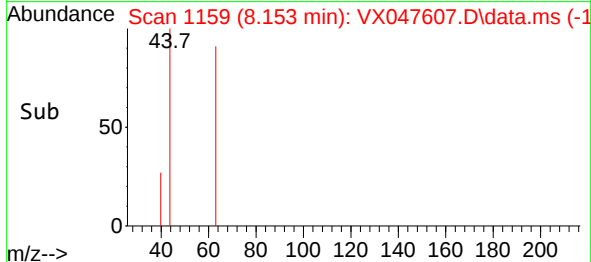
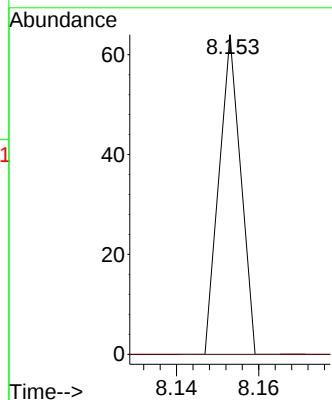
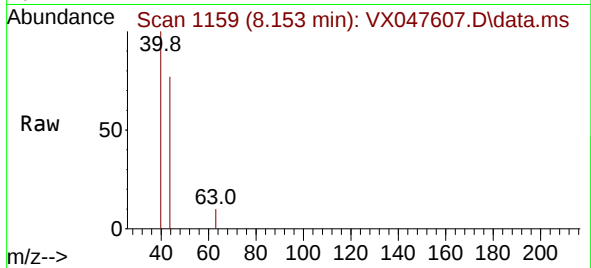




#58
2-Chloroethyl Vinyl ether
Concen: 7.905 ug/l
RT: 8.153 min Scan# 1159
Delta R.T. -0.073 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

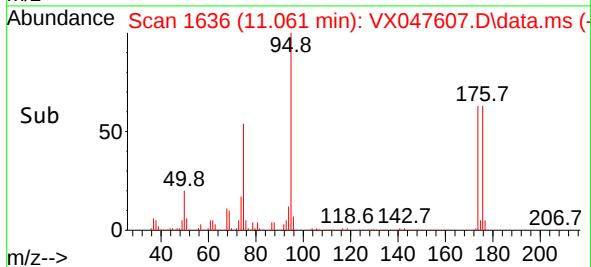
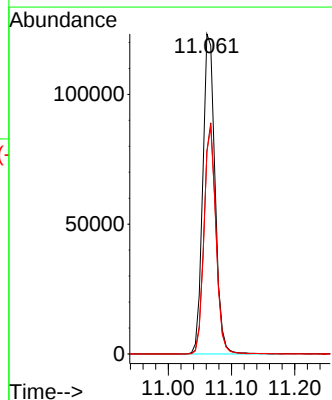
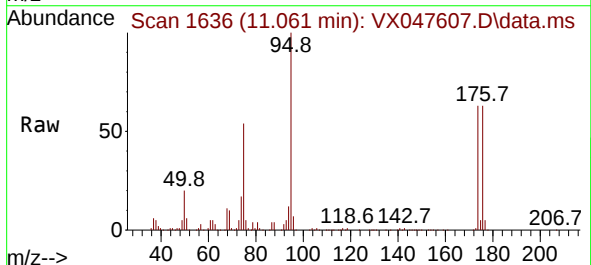
Instrument :
MSVOA_X
ClientSampleId :
MW305I-20250908

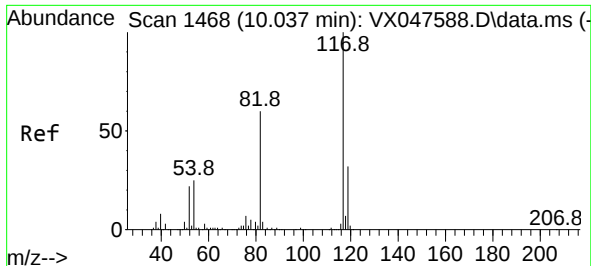
Tgt Ion: 63 Resp: 23
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#



#62
4-Bromofluorobenzene
Concen: 55.466 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

Tgt Ion: 95 Resp: 166536
Ion Ratio Lower Upper
95 100
174 70.1 0.0 141.6
176 68.6 0.0 138.4

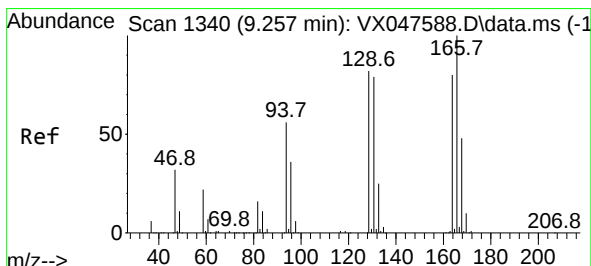
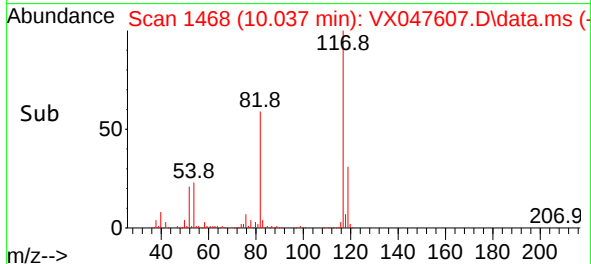
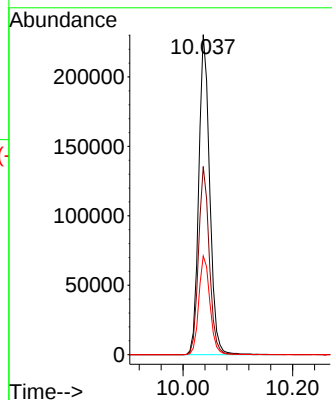
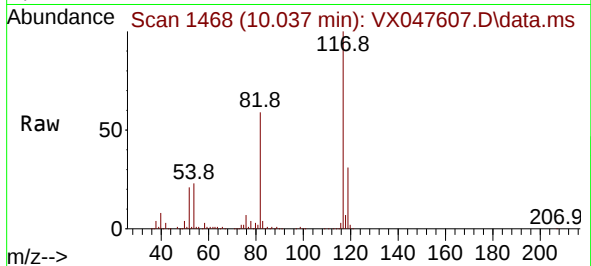




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

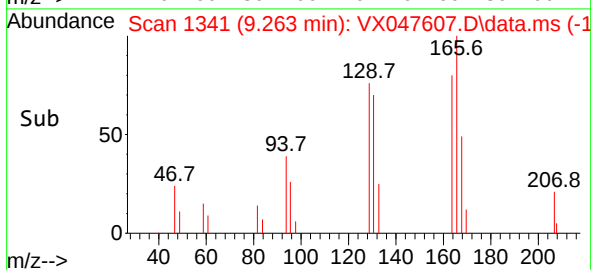
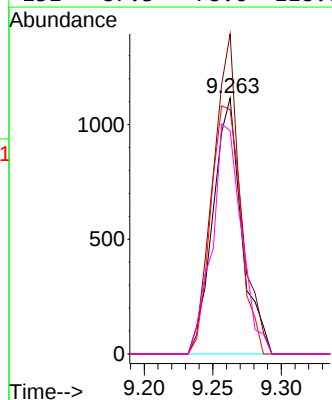
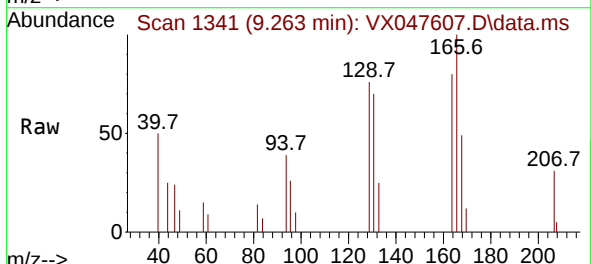
Instrument :
MSVOA_X
ClientSampleId :
MW305I-20250908

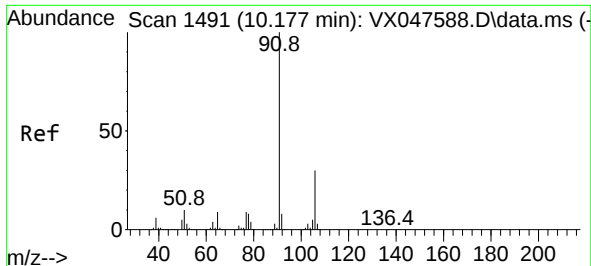
Tgt Ion:117 Resp: 319888
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.6
119 30.9 25.2 37.8



#64
Tetrachloroethene
Concen: 0.778 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

Tgt Ion:164 Resp: 1622
Ion Ratio Lower Upper
164 100
166 125.1 100.2 150.2
129 95.5 81.8 122.6
131 87.3 78.6 118.0





#67

Ethyl Benzene

Concen: 0.216 ug/l

RT: 10.177 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VX047607.D

Acq: 17 Sep 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

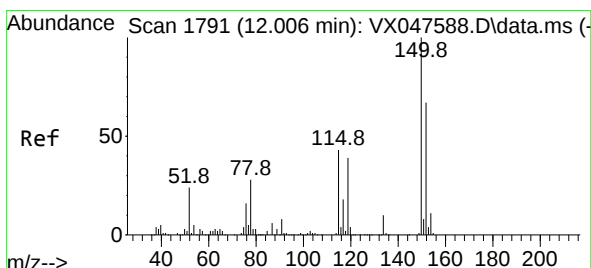
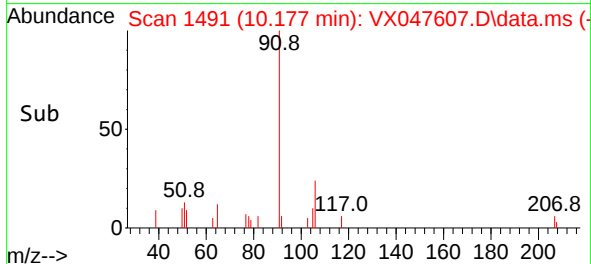
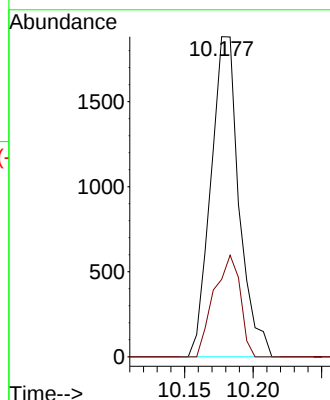
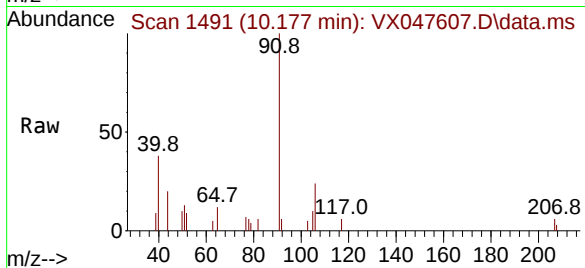
MW305I-20250908

Tgt Ion: 91 Resp: 2703

Ion Ratio Lower Upper

91 100

106 22.7 24.3 36.5#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047607.D

Acq: 17 Sep 2025 11:18

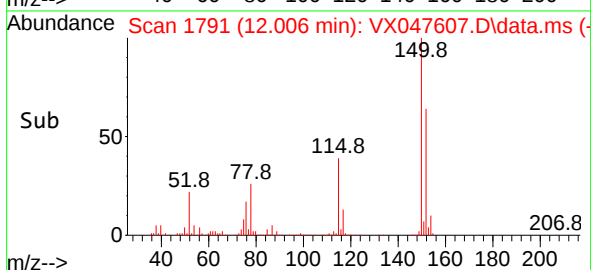
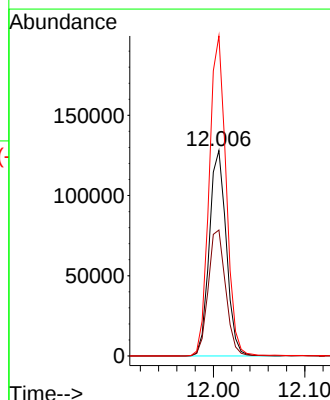
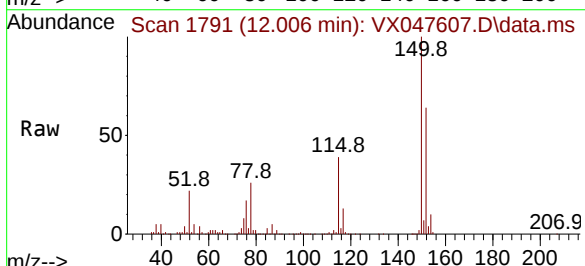
Tgt Ion:152 Resp: 165030

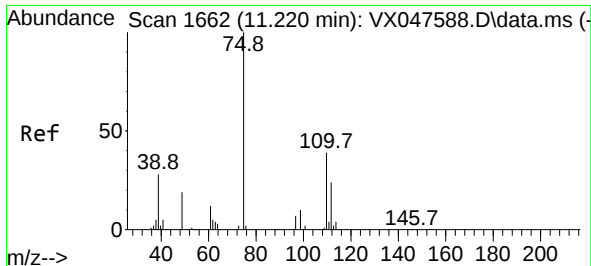
Ion Ratio Lower Upper

152 100

115 62.9 44.9 134.5

150 155.5 0.0 352.0

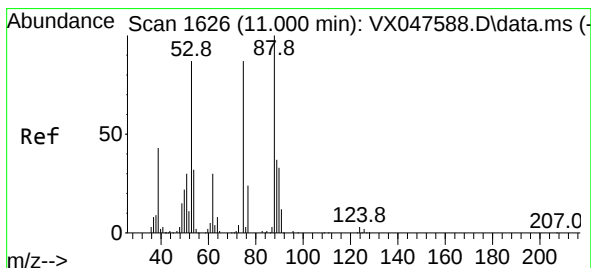
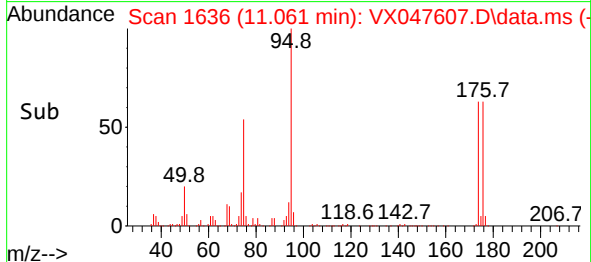
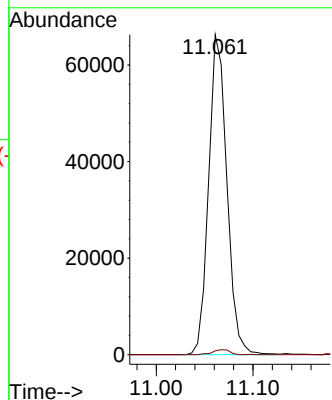
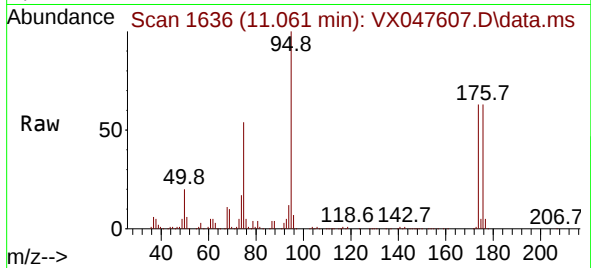




#76
1,2,3-Trichloropropane
Concen: 26.066 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

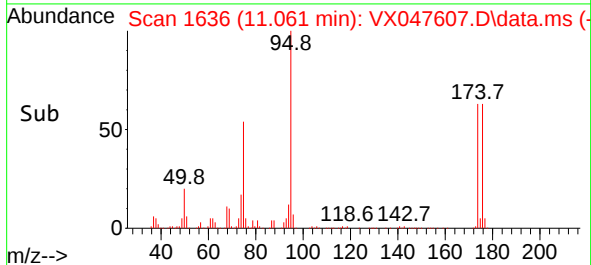
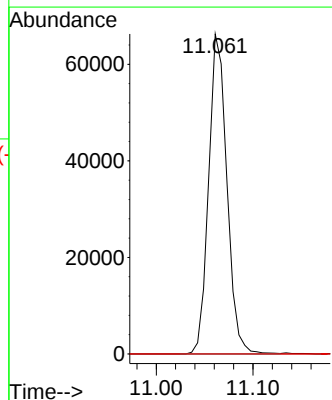
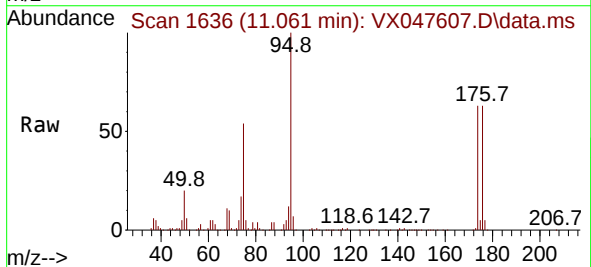
Instrument :
MSVOA_X
ClientSampleId :
MW305I-20250908

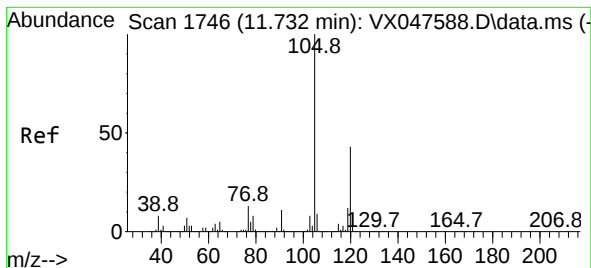
Tgt Ion: 75 Resp: 87097
Ion Ratio Lower Upper
75 100
77 1.5 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.473 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

Tgt Ion: 75 Resp: 87097
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#





#84

1,2,4-Trimethylbenzene

Concen: 0.200 ug/l

RT: 11.738 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX047607.D

Acq: 17 Sep 2025 11:18

Instrument :

MSVOA_X

ClientSampleId :

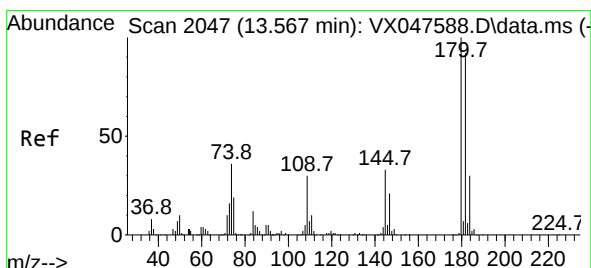
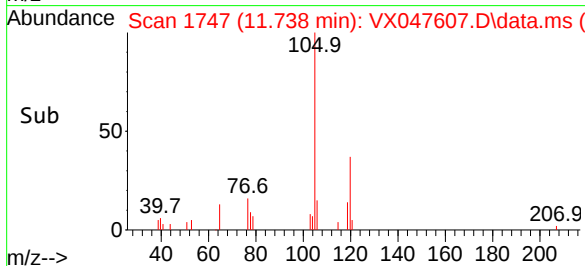
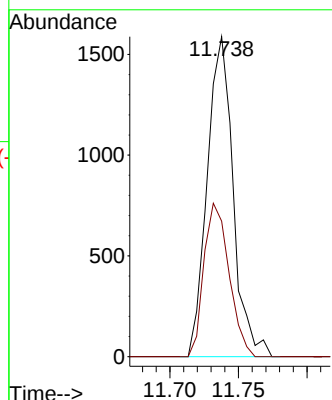
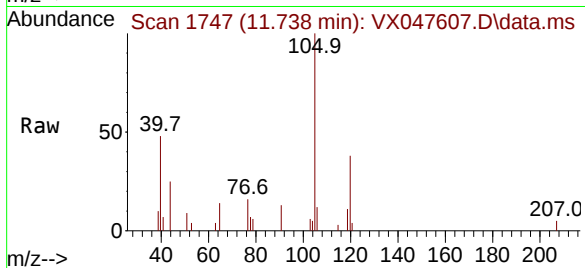
MW305I-20250908

Tgt Ion:105 Resp: 2091

Ion Ratio Lower Upper

105 100

120 46.4 22.1 66.1



#93

1,2,4-Trichlorobenzene

Concen: 0.212 ug/l

RT: 13.573 min Scan# 2048

Delta R.T. 0.006 min

Lab File: VX047607.D

Acq: 17 Sep 2025 11:18

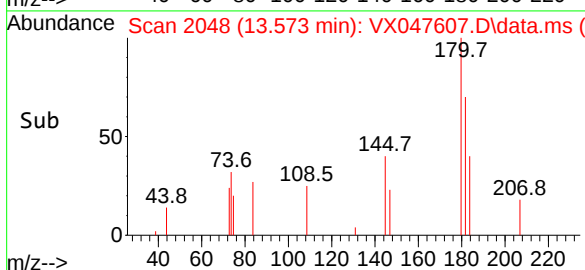
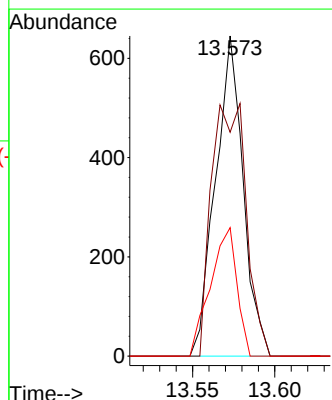
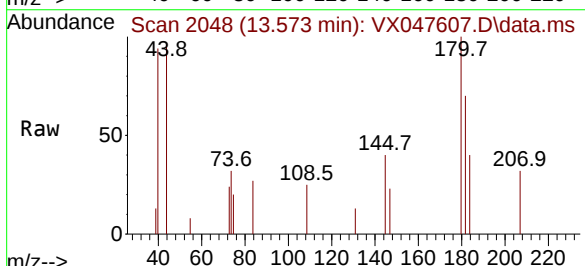
Tgt Ion:180 Resp: 755

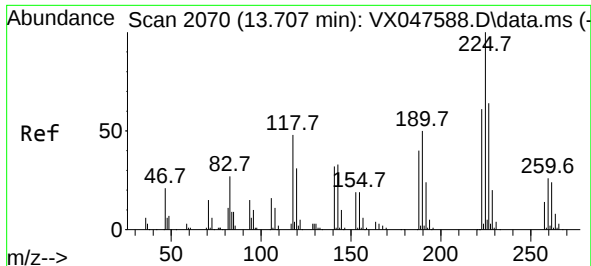
Ion Ratio Lower Upper

180 100

182 98.9 46.6 139.8

145 38.4 16.4 49.1

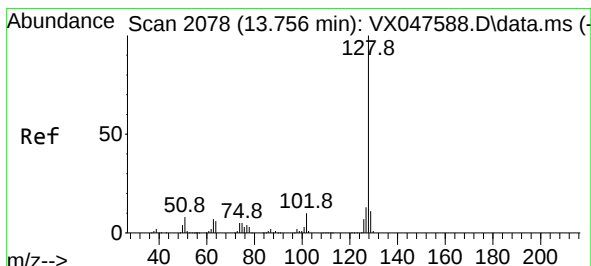
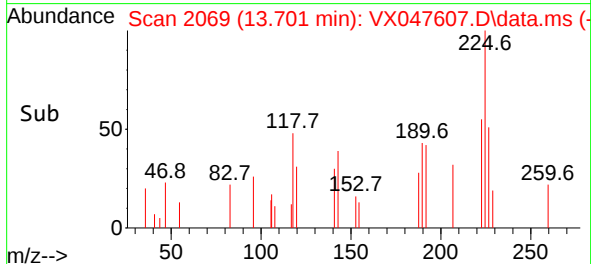
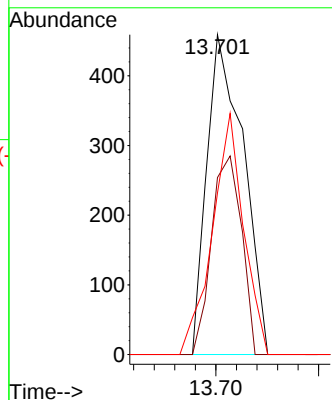
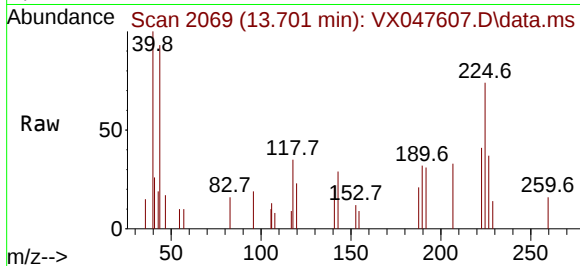




#94
Hexachlorobutadiene
Concen: 0.468 ug/l
RT: 13.701 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

Instrument :
MSVOA_X
ClientSampleId :
MW305I-20250908

Tgt Ion:	225	Resp:	565
Ion Ratio	Lower	Upper	
225	100		
223	51.2	31.7	95.1
227	64.8	32.0	96.0



#95
Naphthalene
Concen: 0.473 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047607.D
Acq: 17 Sep 2025 11:18

Tgt Ion:	128	Resp:	5119
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	10.5	8.8	13.2

