

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD071011.D
 Acq On : 12 Nov 2021 04:12
 Operator : VA/SY
 Sample : M4576-05RE
 Misc : 5.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DW-3RE

Quant Time: Nov 12 08:16:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

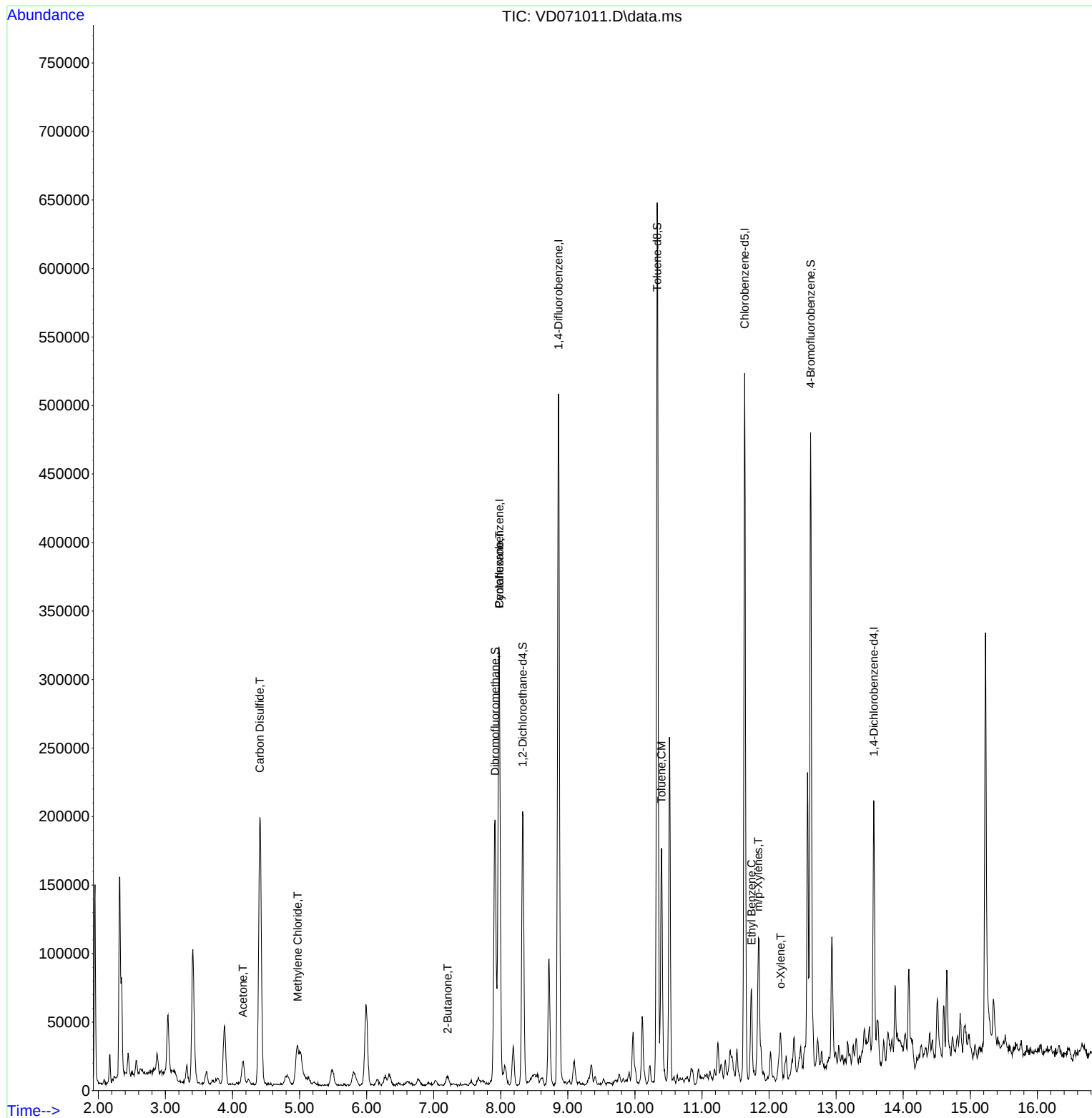
Internal Standards						
1) Pentafluorobenzene	7.979	168	221074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	403928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	267164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	45974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	155168	65.923	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 131.840%		
35) Dibromofluoromethane	7.914	113	133988	58.785	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 117.580%		
50) Toluene-d8	10.332	98	413023	46.271	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 92.540%		
62) 4-Bromofluorobenzene	12.620	95	96377	29.987	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 59.980%		
Target Compounds						
					Qvalue	
16) Acetone	4.155	43	31456	65.364	ug/l #	85
17) Carbon Disulfide	4.408	76	405611	59.838	ug/l	97
20) Methylene Chloride	4.973	84	17942	6.334	ug/l	95
25) 2-Butanone	7.208	43	7297	28.527	ug/l #	84
31) Cyclohexane	7.979	56	13426	2.774	ug/l #	55
52) Toluene	10.396	92	67839	10.596	ug/l	99
67) Ethyl Benzene	11.737	91	35173	3.896	ug/l	95
68) m/p-Xylenes	11.837	106	16704	4.951	ug/l	97
69) o-Xylene	12.173	106	7552	2.353	ug/l	91

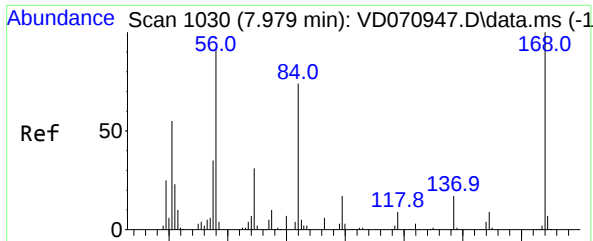
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
Data File : VD071011.D
Acq On : 12 Nov 2021 04:12
Operator : VA/SY
Sample : M4576-05RE
Misc : 5.79G/5.00ml/MSVOA_D/SOIL
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DW-3RE

Quant Time: Nov 12 08:16:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration

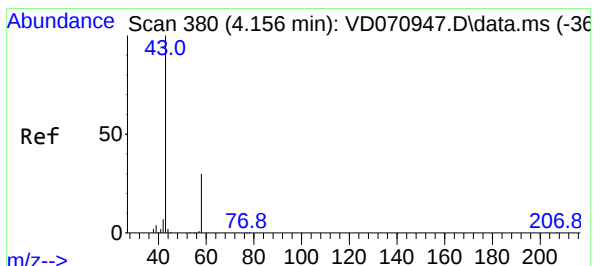
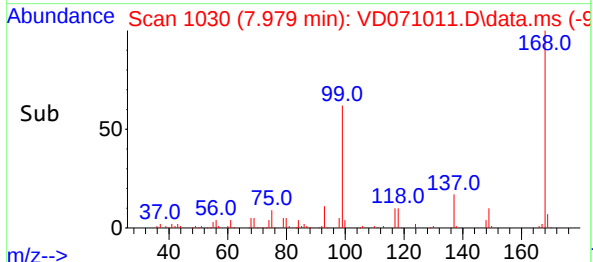
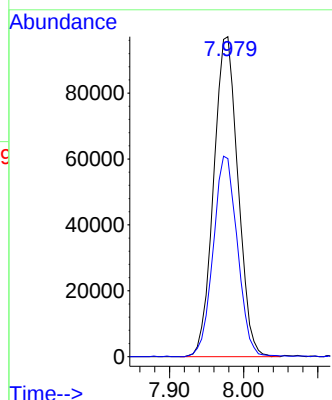
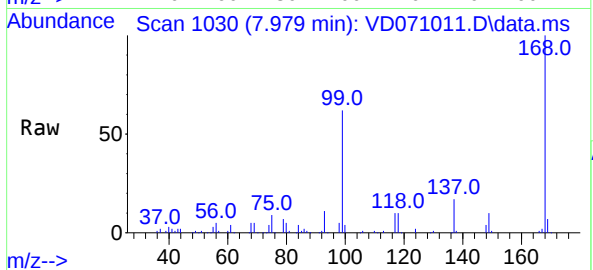




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071011.D
Acq: 12 Nov 2021 04:12

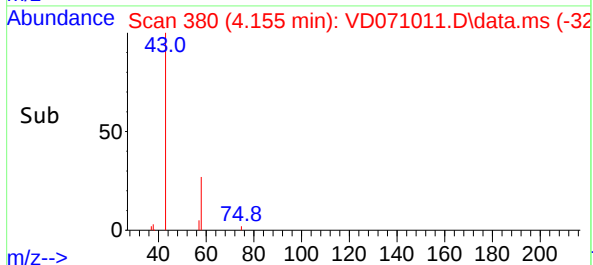
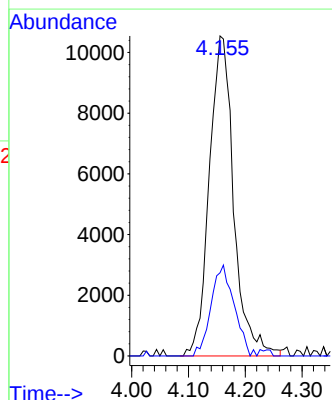
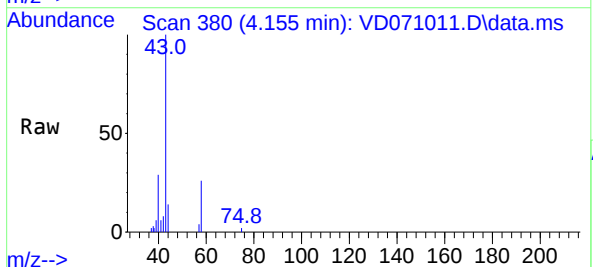
Instrument :
MSVOA_D
ClientSampleId :
DW-3RE

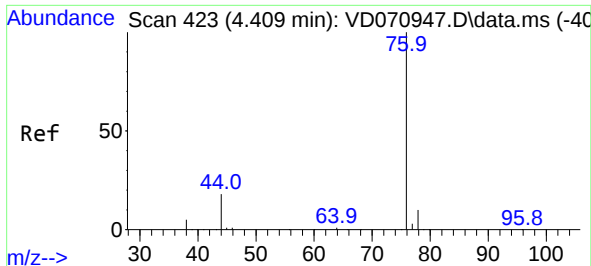
Tgt Ion:168 Resp: 221074
Ion Ratio Lower Upper
168 100
99 61.9 46.6 69.8



#16
Acetone
Concen: 65.364 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.001 min
Lab File: VD071011.D
Acq: 12 Nov 2021 04:12

Tgt Ion: 43 Resp: 31456
Ion Ratio Lower Upper
43 100
58 26.0 27.8 41.8#

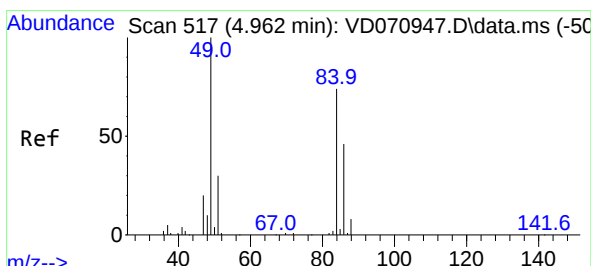
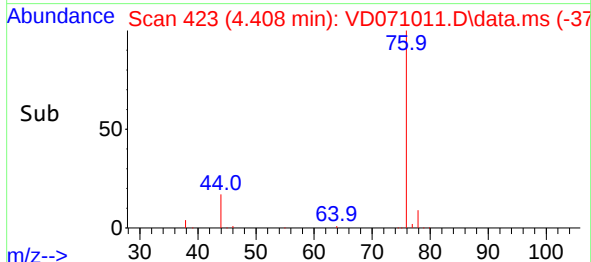
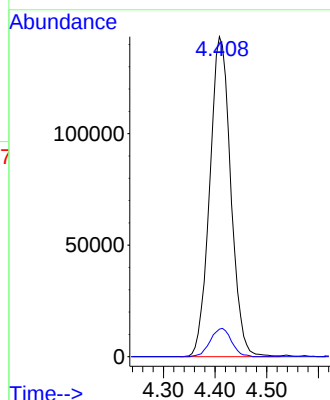
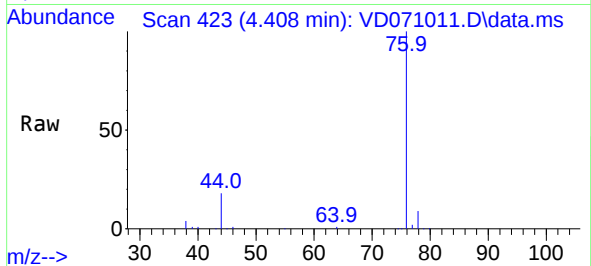




#17
Carbon Disulfide
Concen: 59.838 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD071011.D
Acq: 12 Nov 2021 04:12

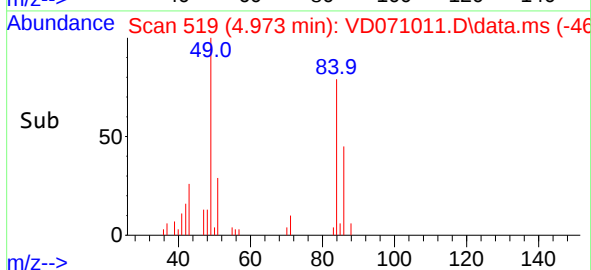
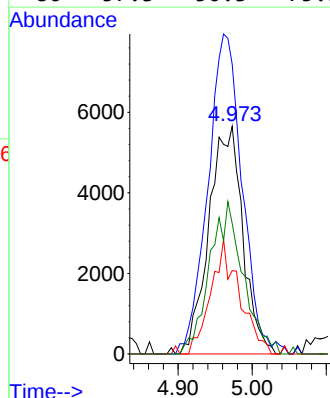
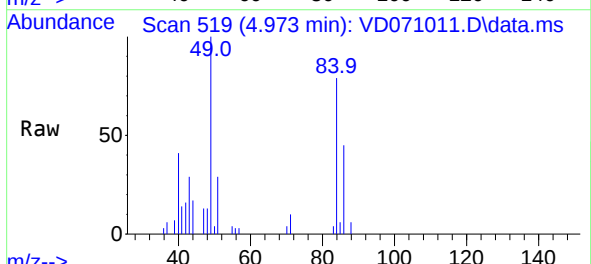
Instrument :
MSVOA_D
ClientSampleId :
DW-3RE

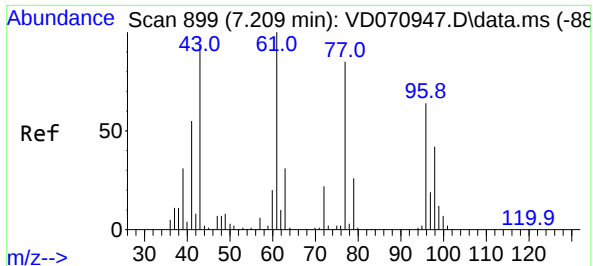
Tgt Ion: 76 Resp: 405611
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.8



#20
Methylene Chloride
Concen: 6.334 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD071011.D
Acq: 12 Nov 2021 04:12

Tgt Ion: 84 Resp: 17942
Ion Ratio Lower Upper
84 100
49 123.6 95.8 143.6
51 36.6 30.9 46.3
86 57.3 50.3 75.5

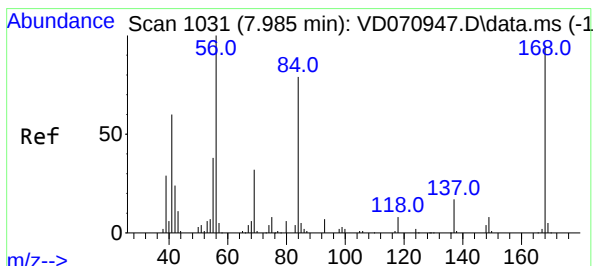
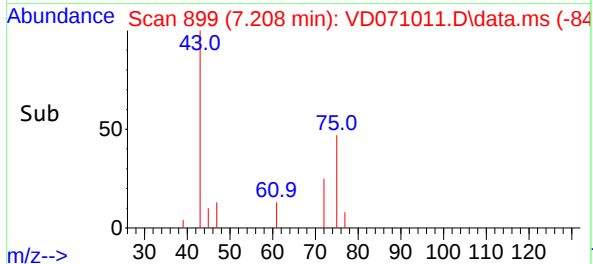
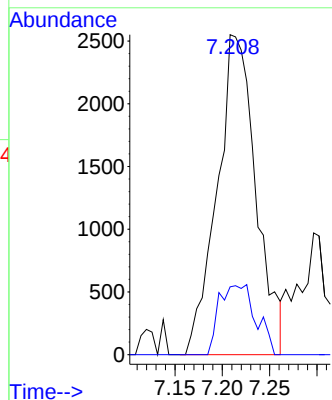
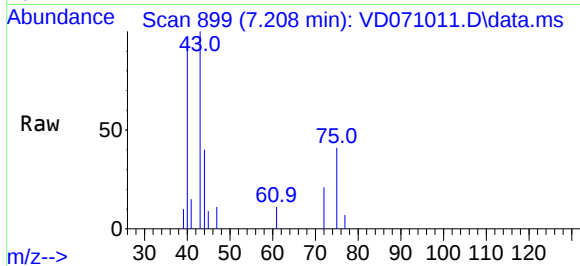




#25
2-Butanone
Concen: 28.527 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071011.D
Acq: 12 Nov 2021 04:12

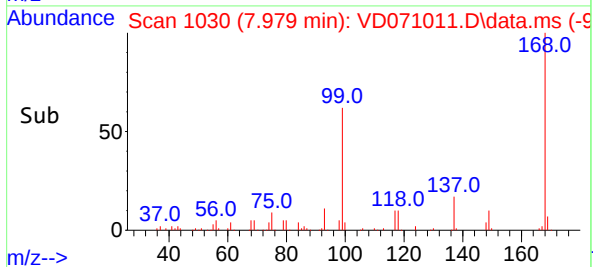
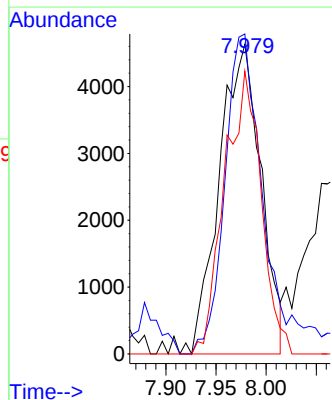
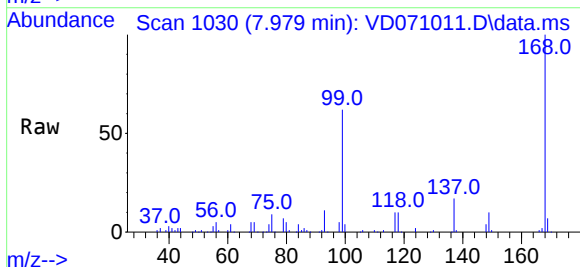
Instrument :
MSVOA_D
ClientSampleId :
DW-3RE

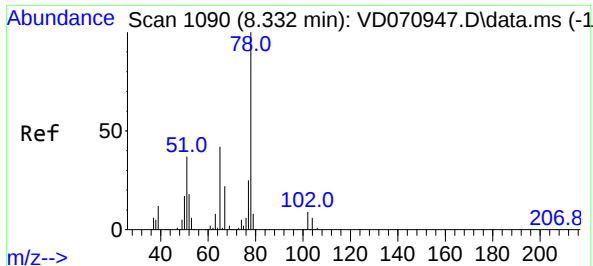
Tgt Ion: 43 Resp: 7297
Ion Ratio Lower Upper
43 100
72 21.2 23.8 35.6#



#31
Cyclohexane
Concen: 2.774 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071011.D
Acq: 12 Nov 2021 04:12

Tgt Ion: 56 Resp: 13426
Ion Ratio Lower Upper
56 100
69 103.4 25.9 38.9#
84 91.3 64.3 96.5





#33

1,2-Dichloroethane-d4

Concen: 65.923 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071011.D

Acq: 12 Nov 2021 04:12

Instrument :

MSVOA_D

ClientSampleId :

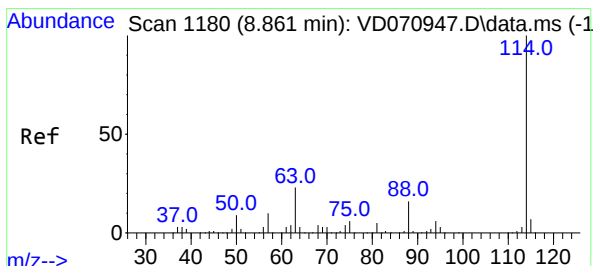
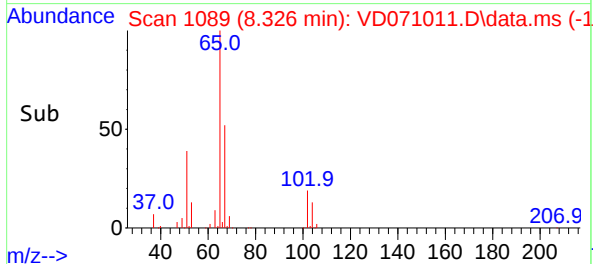
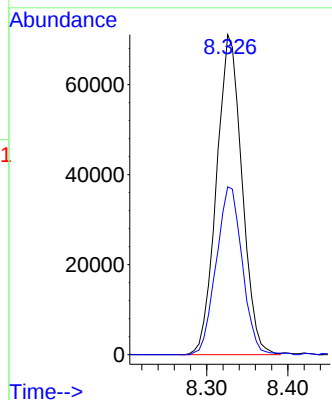
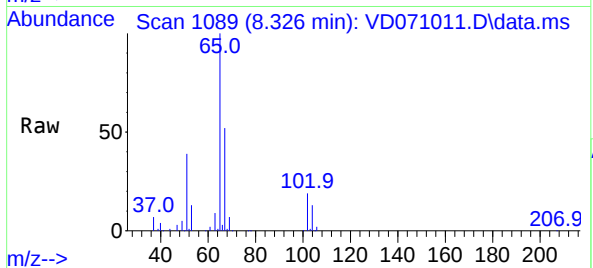
DW-3RE

Tgt Ion: 65 Resp: 155168

Ion Ratio Lower Upper

65 100

67 53.6 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD071011.D

Acq: 12 Nov 2021 04:12

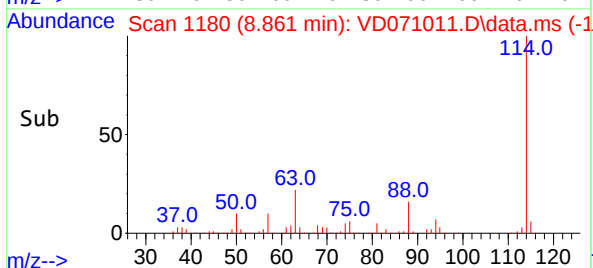
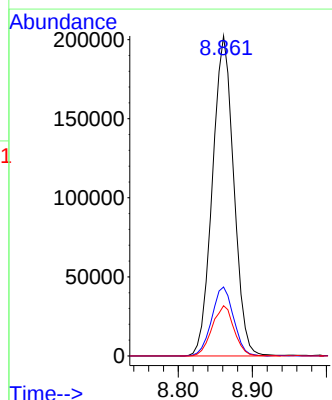
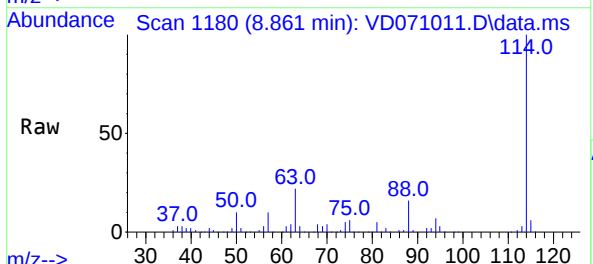
Tgt Ion: 114 Resp: 403928

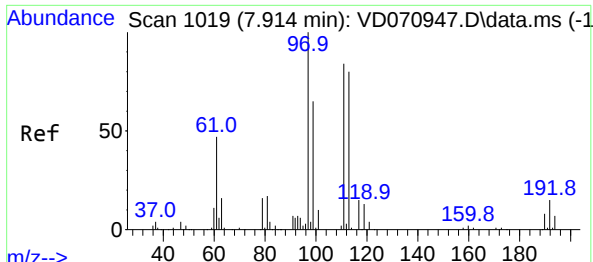
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

88 15.7 0.0 32.8

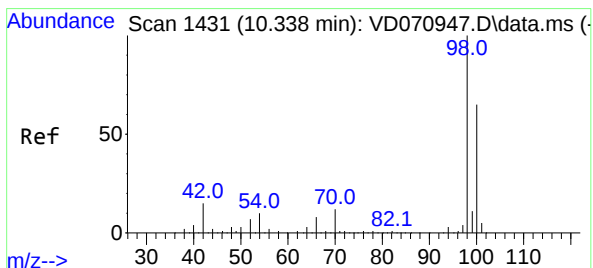
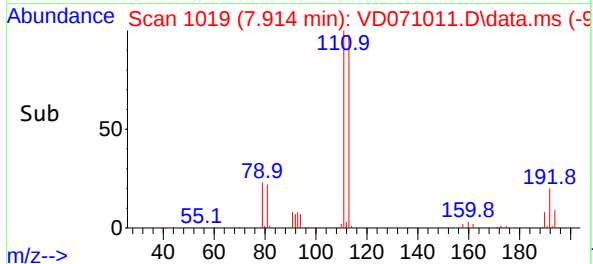
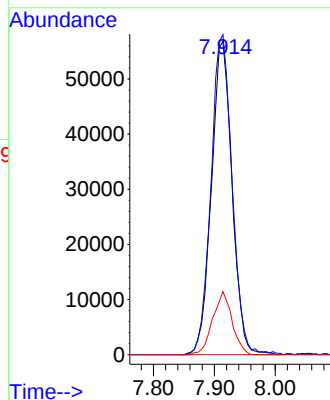
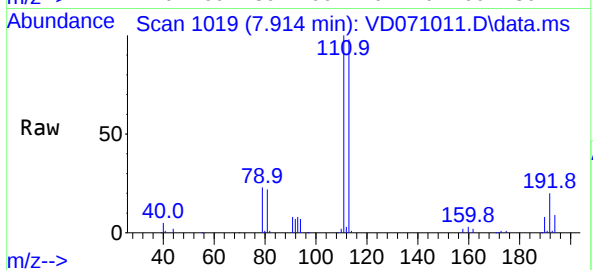




#35
Dibromofluoromethane
Concen: 58.785 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071011.D
Acq: 12 Nov 2021 04:12

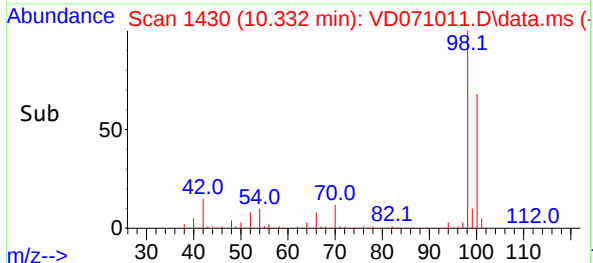
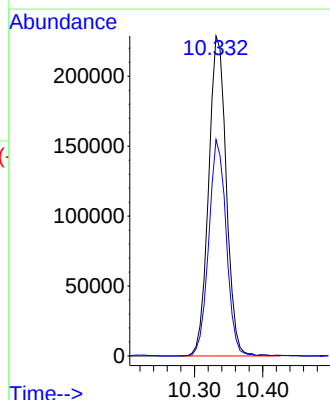
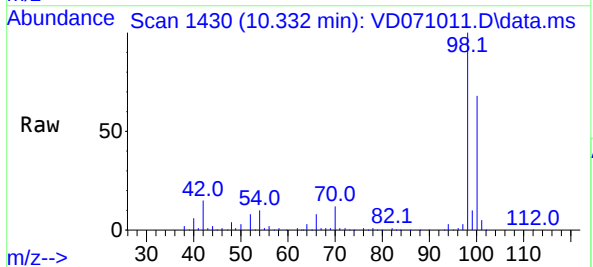
Instrument :
MSVOA_D
ClientSampleId :
DW-3RE

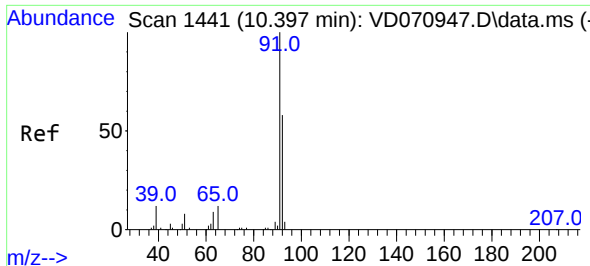
Tgt Ion:113 Resp: 133988
Ion Ratio Lower Upper
113 100
111 103.8 82.0 123.0
192 18.9 15.2 22.8



#50
Toluene-d8
Concen: 46.271 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071011.D
Acq: 12 Nov 2021 04:12

Tgt Ion: 98 Resp: 413023
Ion Ratio Lower Upper
98 100
100 66.9 51.8 77.6

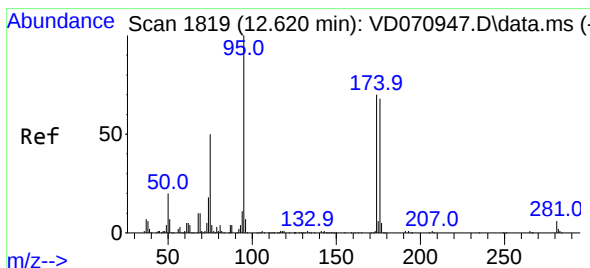
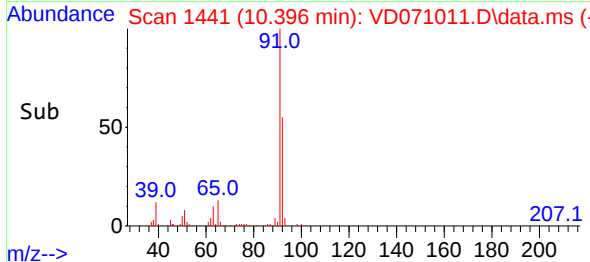
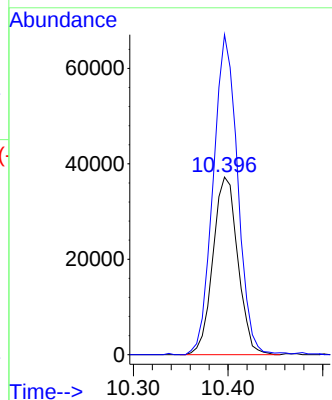
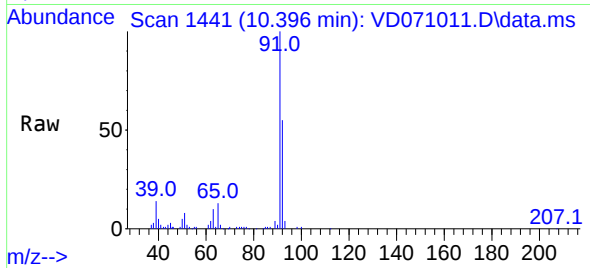




#52
Toluene
Concen: 10.596 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD071011.D
Acq: 12 Nov 2021 04:12

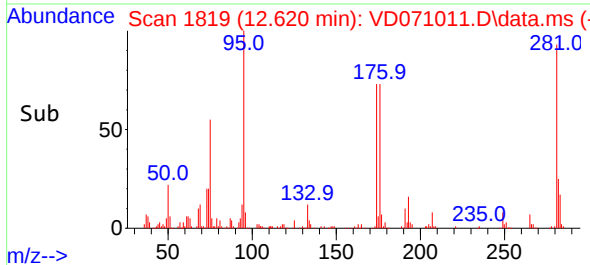
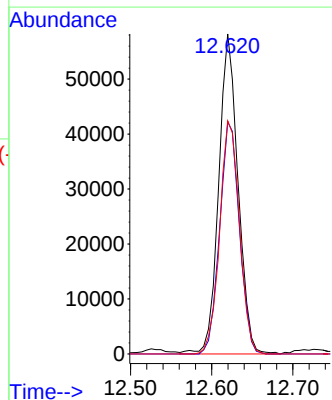
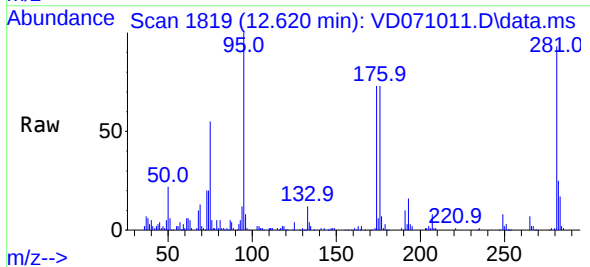
Instrument :
MSVOA_D
ClientSampleId :
DW-3RE

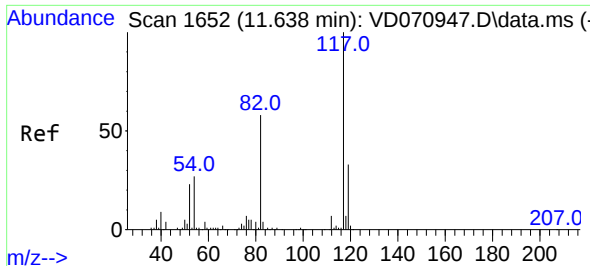
Tgt Ion: 92 Resp: 67839
Ion Ratio Lower Upper
92 100
91 177.5 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 29.987 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071011.D
Acq: 12 Nov 2021 04:12

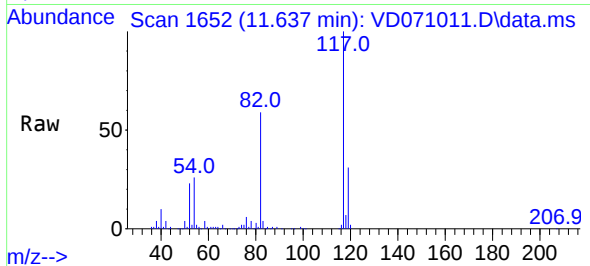
Tgt Ion: 95 Resp: 96377
Ion Ratio Lower Upper
95 100
174 73.8 0.0 159.4
176 74.4 0.0 154.0



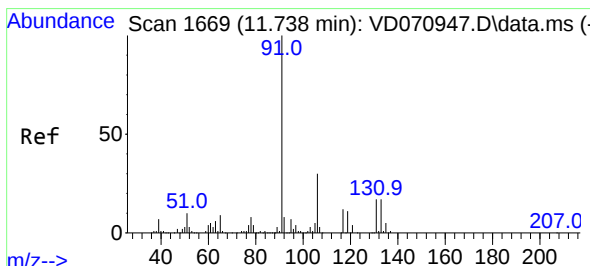
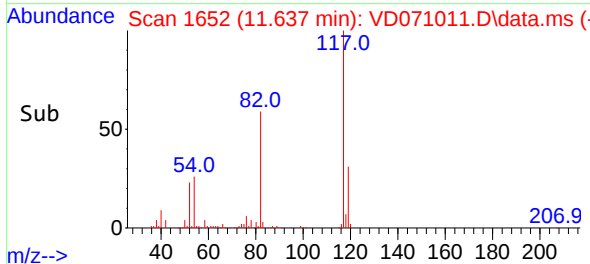
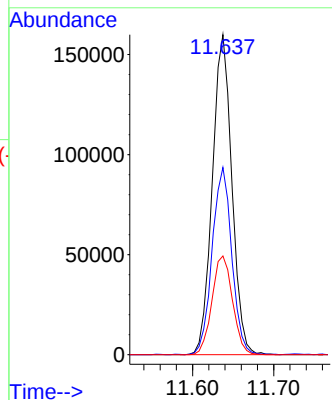


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD071011.D
Acq: 12 Nov 2021 04:12

Instrument :
MSVOA_D
ClientSampleId :
DW-3RE

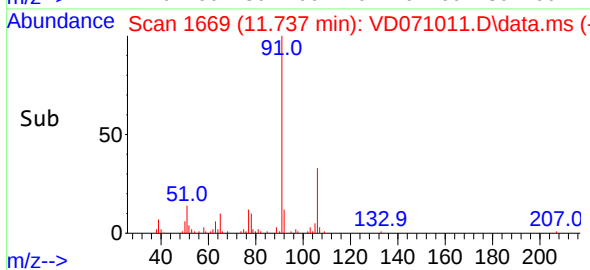
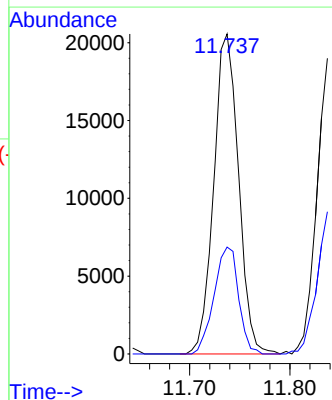
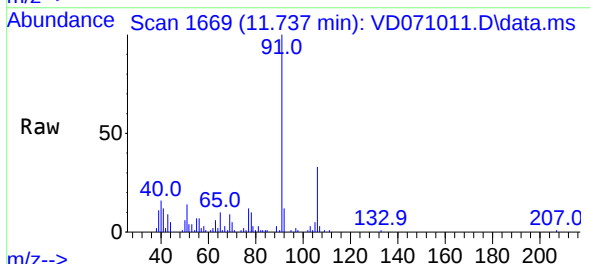


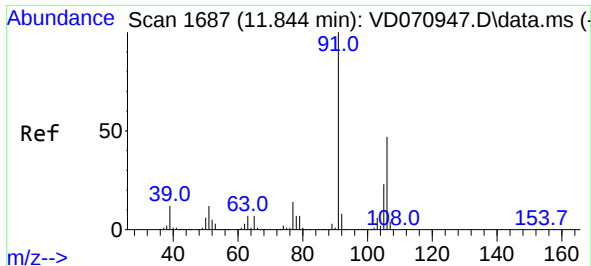
Tgt Ion:117 Resp: 267164
Ion Ratio Lower Upper
117 100
82 58.5 44.7 67.1
119 30.8 26.2 39.4



#67
Ethyl Benzene
Concen: 3.896 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VD071011.D
Acq: 12 Nov 2021 04:12

Tgt Ion: 91 Resp: 35173
Ion Ratio Lower Upper
91 100
106 33.4 24.6 36.8

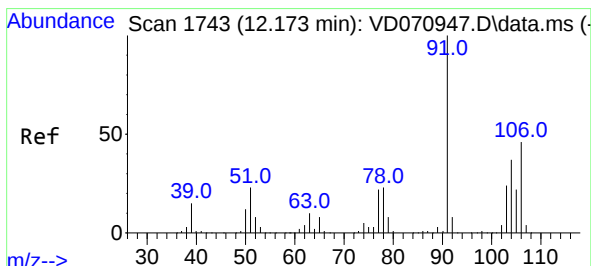
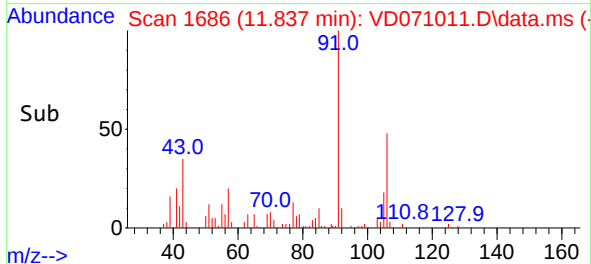
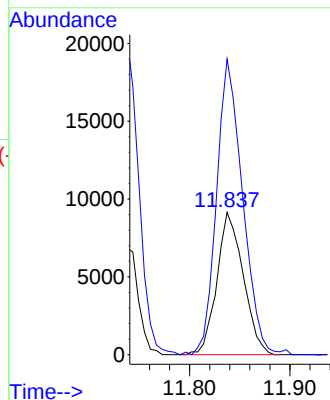
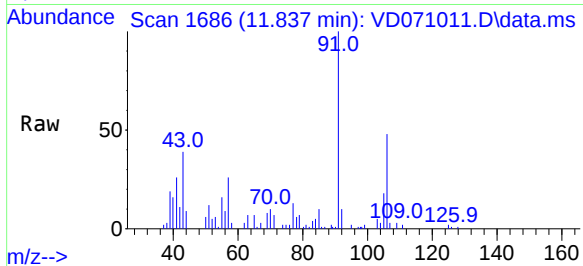




#68
m/p-Xylenes
Concen: 4.951 ug/l
RT: 11.837 min Scan# 1686
Delta R.T. -0.007 min
Lab File: VD071011.D
Acq: 12 Nov 2021 04:12

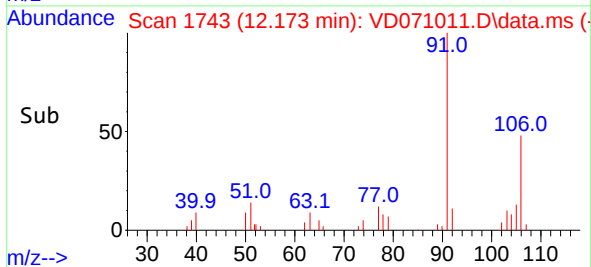
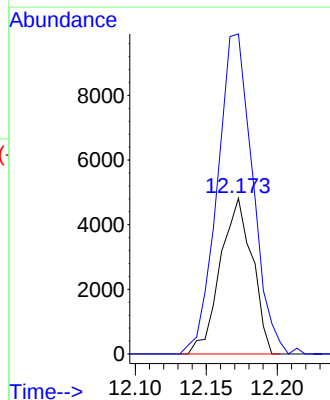
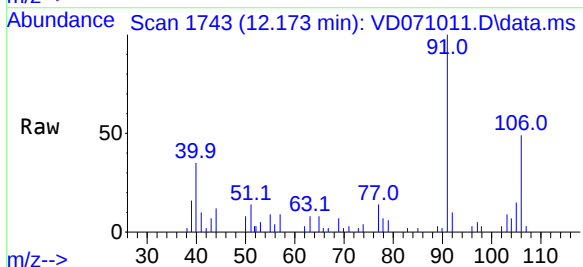
Instrument :
MSVOA_D
ClientSampleId :
DW-3RE

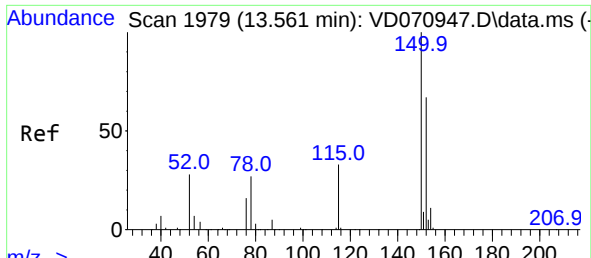
Tgt Ion:106 Resp: 16704
Ion Ratio Lower Upper
106 100
91 205.2 160.1 240.1



#69
o-Xylene
Concen: 2.353 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071011.D
Acq: 12 Nov 2021 04:12

Tgt Ion:106 Resp: 7552
Ion Ratio Lower Upper
106 100
91 227.5 106.3 319.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD071011.D

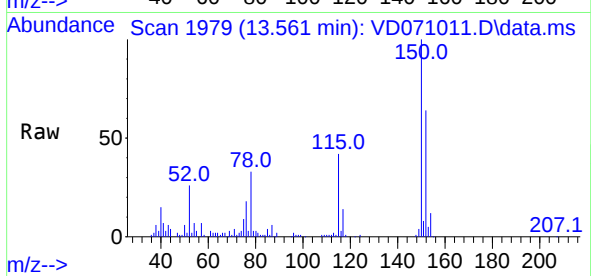
Acq: 12 Nov 2021 04:12

Instrument :

MSVOA_D

ClientSampleId :

DW-3RE



Tgt Ion:152 Resp: 45974

Ion Ratio Lower Upper

152 100

115 64.3 29.8 89.3

150 158.1 0.0 349.2

