

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070991.D
 Acq On : 11 Nov 2021 15:00
 Operator : VA/SY
 Sample : M4576-05
 Misc : 6.29G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DW-3

Quant Time: Nov 12 08:01:26 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)

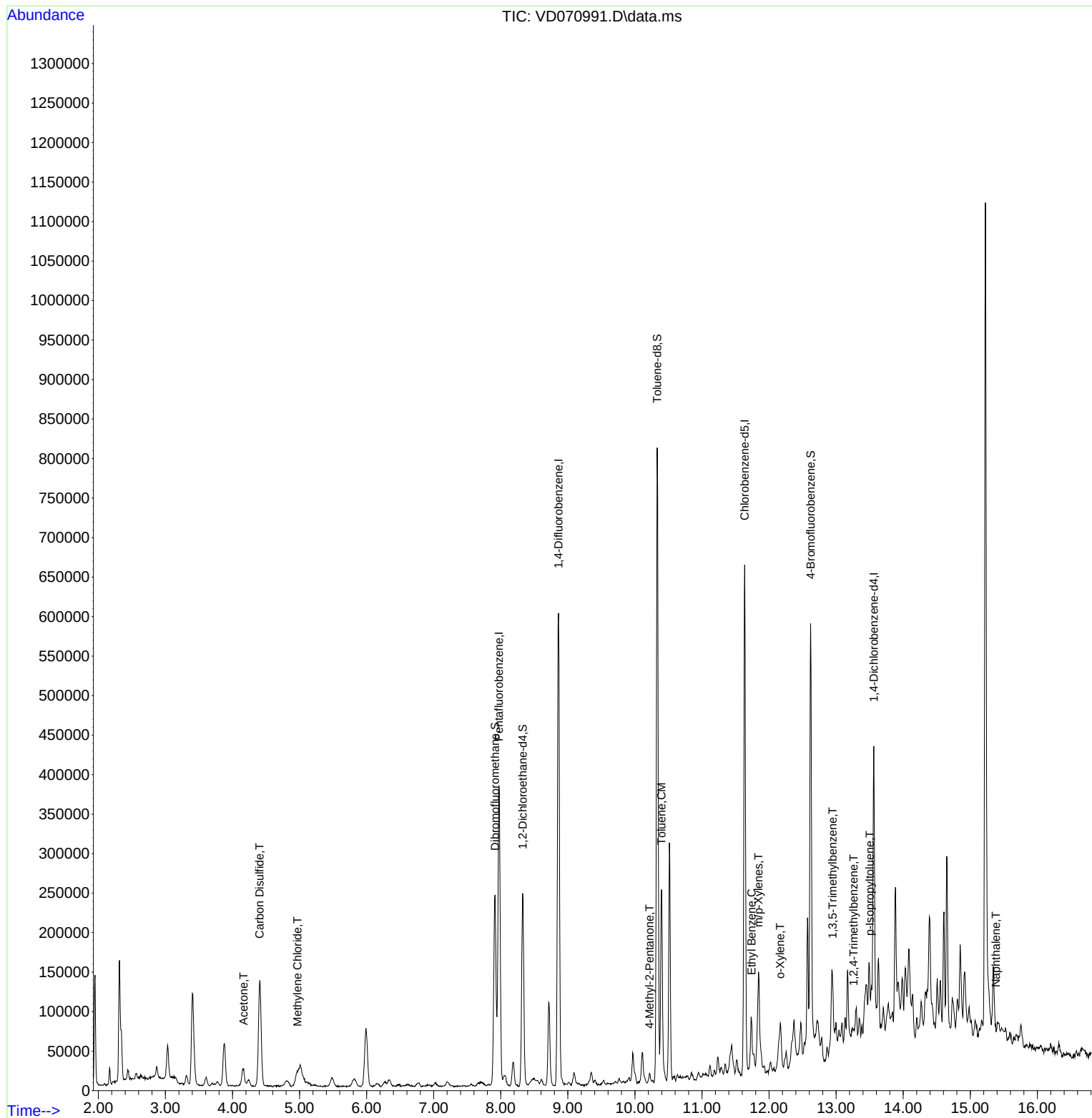
Internal Standards						
1) Pentafluorobenzene	7.973	168	262922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	503498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	345473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	72122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	187536	66.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.980%	
35) Dibromofluoromethane	7.914	113	172430	60.690	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.380%	
50) Toluene-d8	10.332	98	523715	47.069	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.140%	
62) 4-Bromofluorobenzene	12.620	95	127004	31.702	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 63.400%	
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	39942	68.447	ug/l	96
17) Carbon Disulfide	4.403	76	279339	34.651	ug/l	96
20) Methylene Chloride	4.967	84	11541	3.229	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	7566	3.595	ug/l	96
52) Toluene	10.396	92	102659	12.864	ug/l	96
67) Ethyl Benzene	11.738	91	38319	3.283	ug/l	96
68) m/p-Xylenes	11.843	106	21215	4.863	ug/l	88
69) o-Xylene	12.167	106	10597	2.554	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	6179	1.444	ug/l	92
84) 1,2,4-Trimethylbenzene	13.261	105	10371	2.475	ug/l	86
86) p-Isopropyltoluene	13.502	119	10324	2.321	ug/l #	77
95) Naphthalene	15.384	128	9879	4.299	ug/l #	64

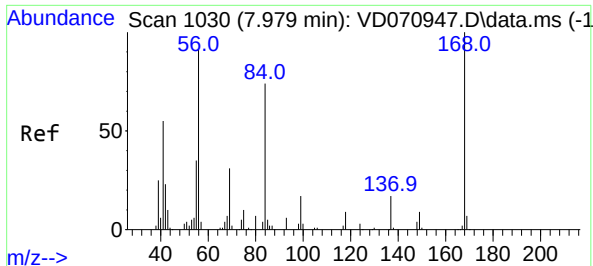
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
Data File : VD070991.D
Acq On : 11 Nov 2021 15:00
Operator : VA/SY
Sample : M4576-05
Misc : 6.29G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DW-3

Quant Time: Nov 12 08:01:26 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

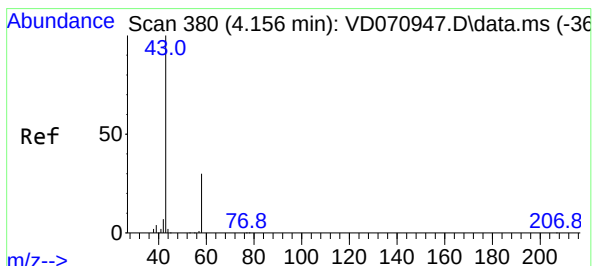
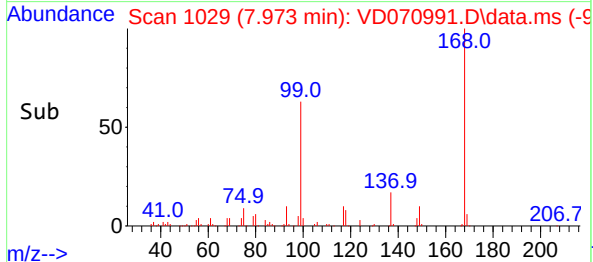
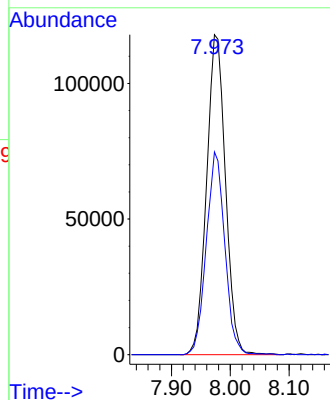
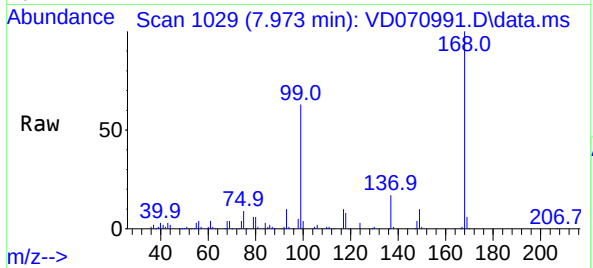




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD070991.D
Acq: 11 Nov 2021 15:00

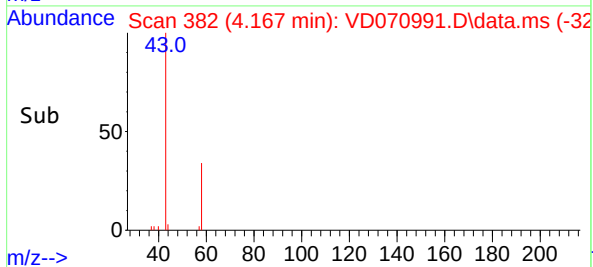
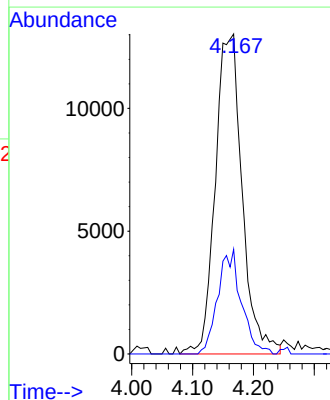
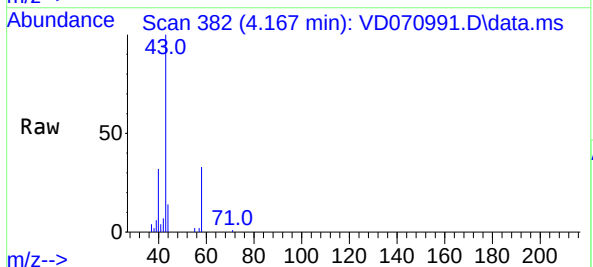
Instrument :
MSVOA_D
ClientSampleId :
DW-3

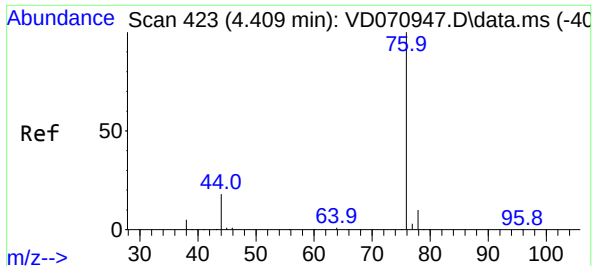
Tgt Ion:168 Resp: 262922
Ion Ratio Lower Upper
168 100
99 63.4 46.6 69.8



#16
Acetone
Concen: 68.447 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD070991.D
Acq: 11 Nov 2021 15:00

Tgt Ion: 43 Resp: 39942
Ion Ratio Lower Upper
43 100
58 32.7 27.8 41.8

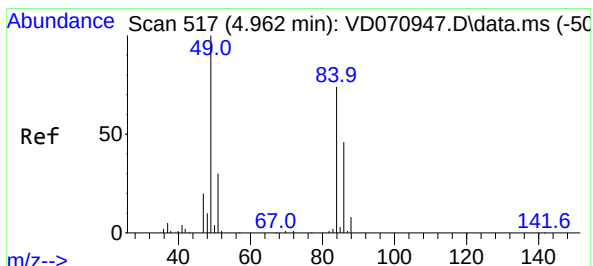
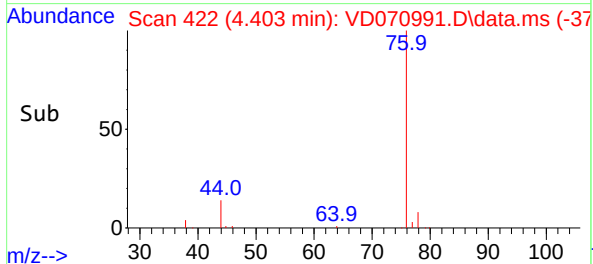
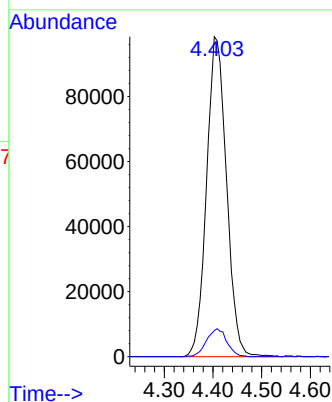
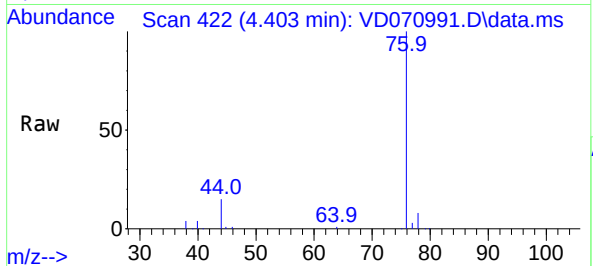




#17
Carbon Disulfide
Concen: 34.651 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD070991.D
Acq: 11 Nov 2021 15:00

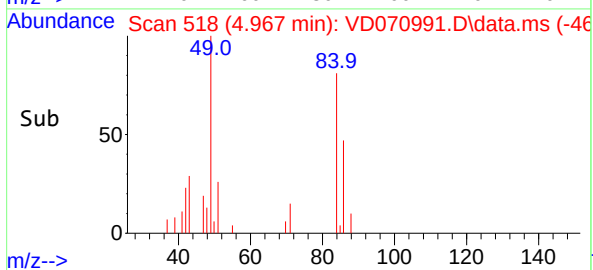
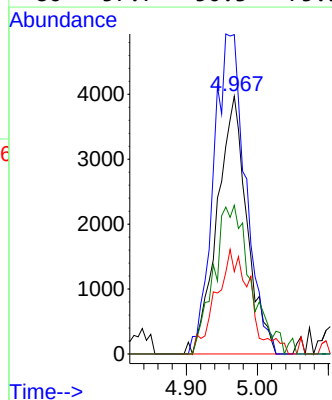
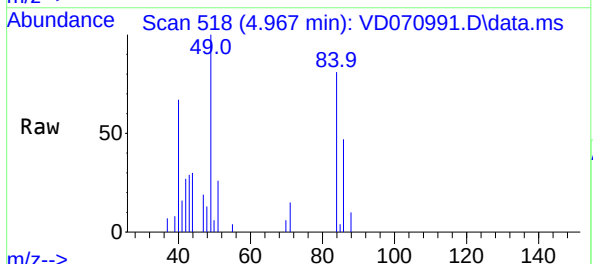
Instrument :
MSVOA_D
ClientSampleId :
DW-3

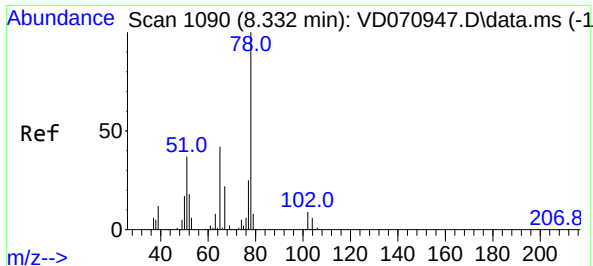
Tgt Ion: 76 Resp: 279339
Ion Ratio Lower Upper
76 100
78 8.1 7.8 11.8



#20
Methylene Chloride
Concen: 3.229 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070991.D
Acq: 11 Nov 2021 15:00

Tgt Ion: 84 Resp: 11541
Ion Ratio Lower Upper
84 100
49 123.8 95.8 143.6
51 31.9 30.9 46.3
86 57.7 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 66.993 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD070991.D

Acq: 11 Nov 2021 15:00

Instrument :

MSVOA_D

ClientSampleId :

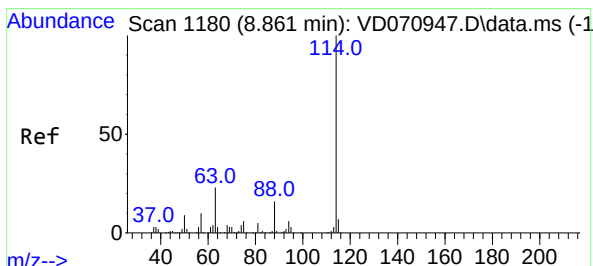
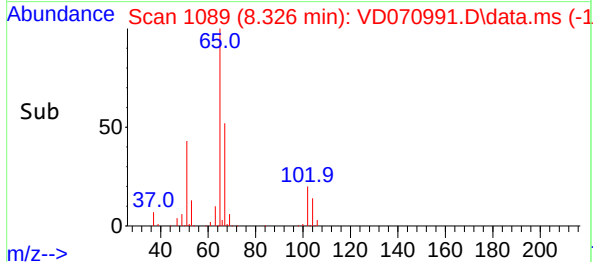
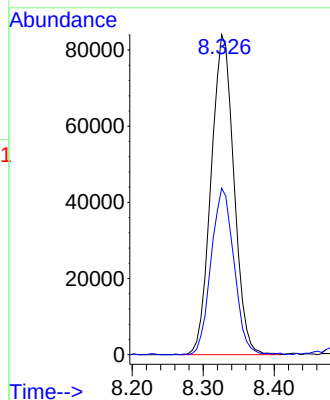
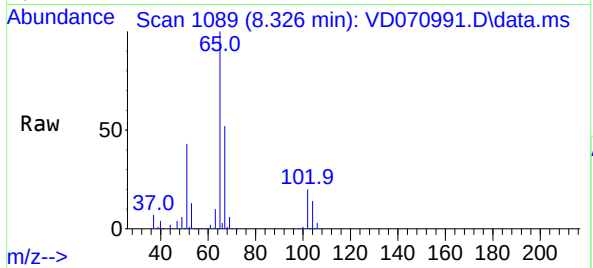
DW-3

Tgt Ion: 65 Resp: 187536

Ion Ratio Lower Upper

65 100

67 52.3 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: VD070991.D

Acq: 11 Nov 2021 15:00

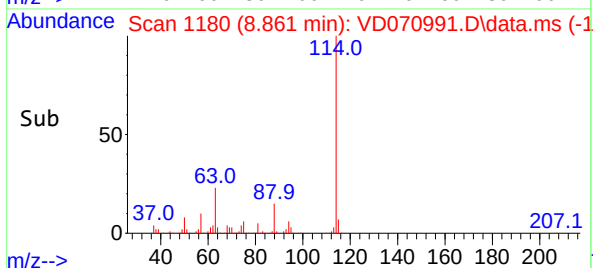
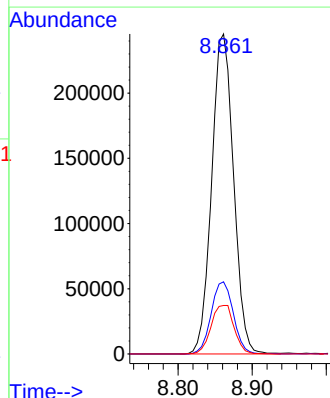
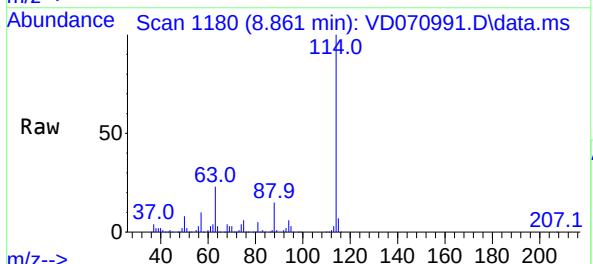
Tgt Ion:114 Resp: 503498

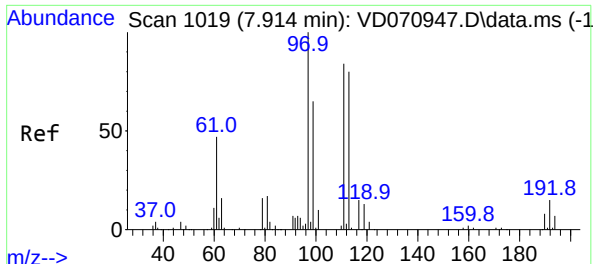
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 15.2 0.0 32.8

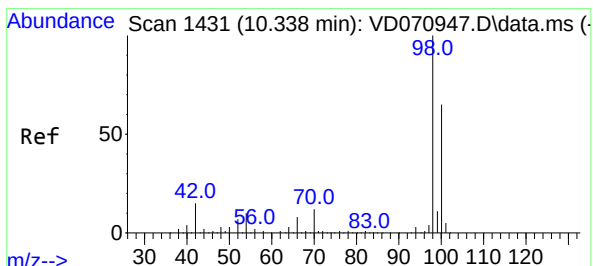
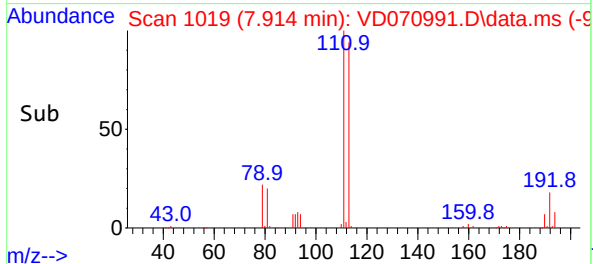
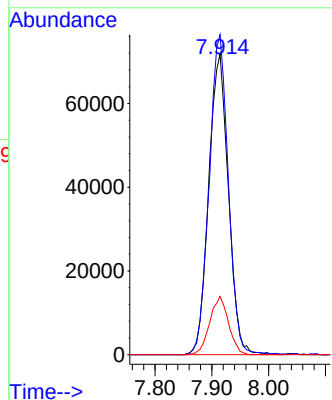
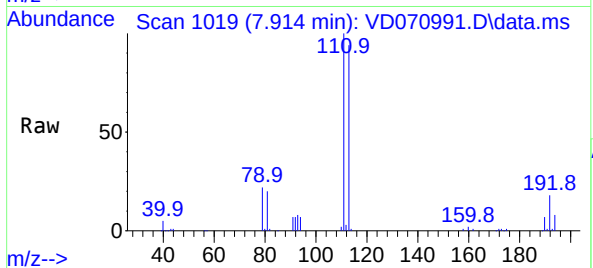




#35
Dibromofluoromethane
Concen: 60.690 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070991.D
Acq: 11 Nov 2021 15:00

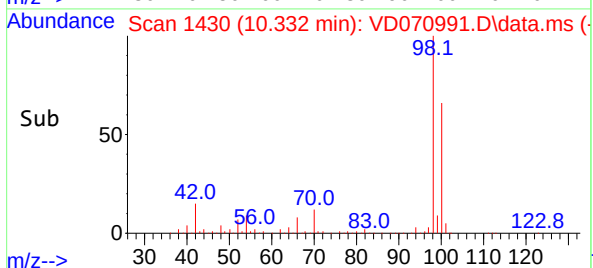
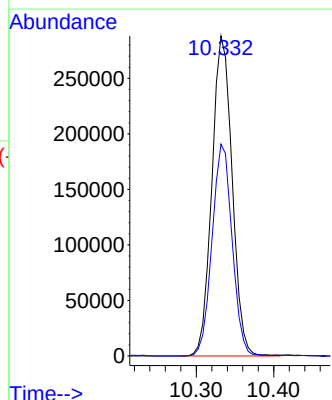
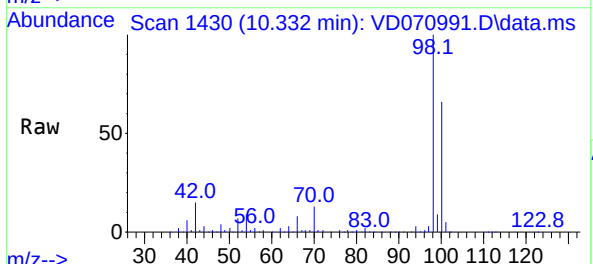
Instrument :
MSVOA_D
ClientSampleId :
DW-3

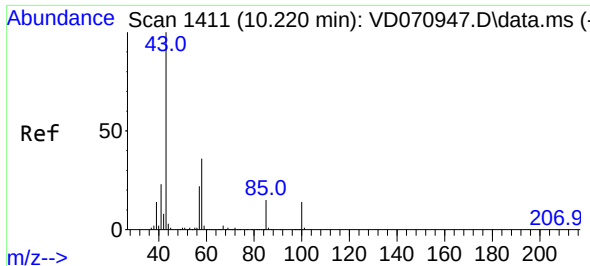
Tgt Ion:113 Resp: 172430
Ion Ratio Lower Upper
113 100
111 103.9 82.0 123.0
192 18.5 15.2 22.8



#50
Toluene-d8
Concen: 47.069 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070991.D
Acq: 11 Nov 2021 15:00

Tgt Ion: 98 Resp: 523715
Ion Ratio Lower Upper
98 100
100 65.5 51.8 77.6

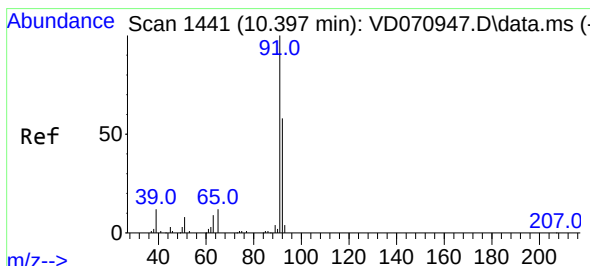
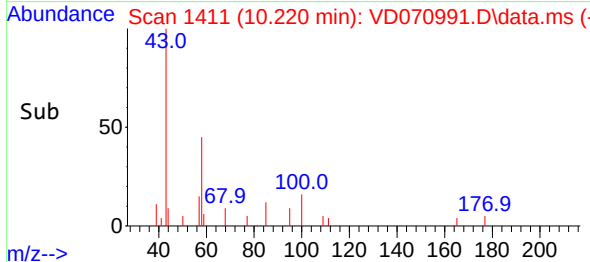
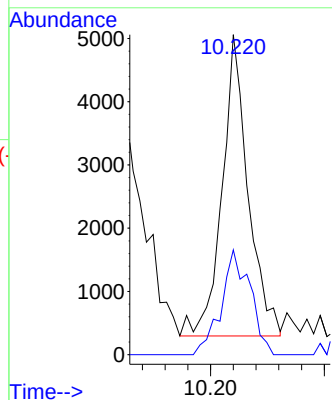
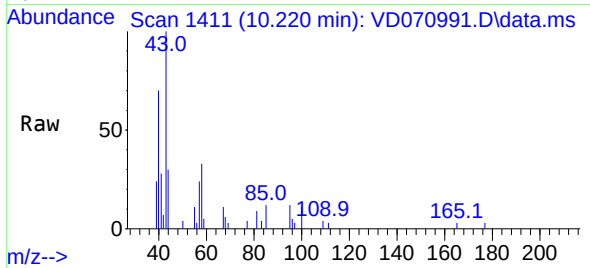




#51
4-Methyl-2-Pentanone
Concen: 3.595 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD070991.D
Acq: 11 Nov 2021 15:00

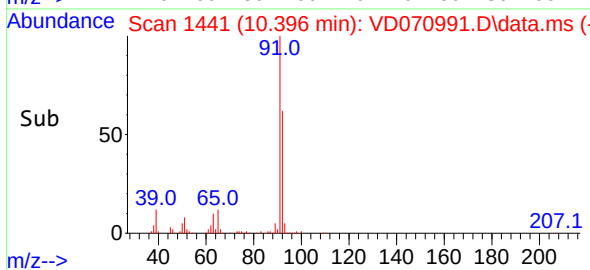
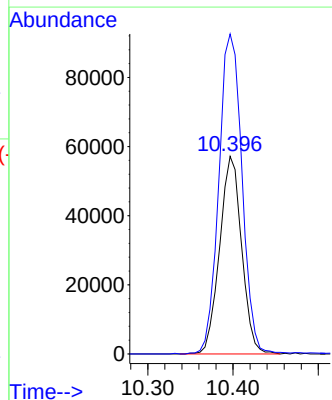
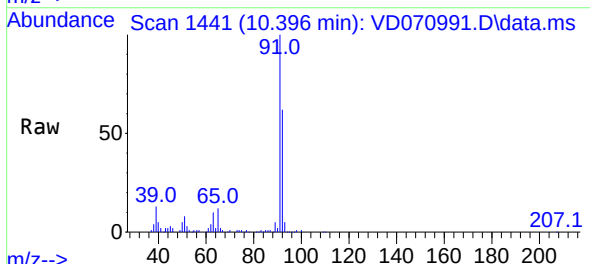
Instrument :
MSVOA_D
ClientSampleId :
DW-3

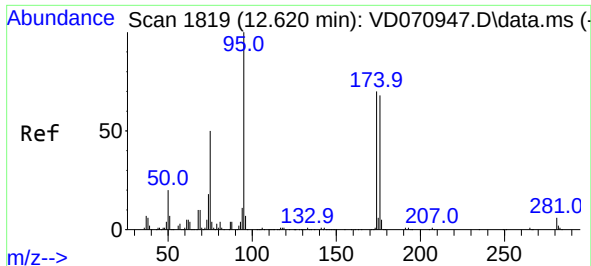
Tgt Ion: 43 Resp: 7566
Ion Ratio Lower Upper
43 100
58 38.7 33.1 49.7



#52
Toluene
Concen: 12.864 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD070991.D
Acq: 11 Nov 2021 15:00

Tgt Ion: 92 Resp: 102659
Ion Ratio Lower Upper
92 100
91 170.5 140.7 211.1

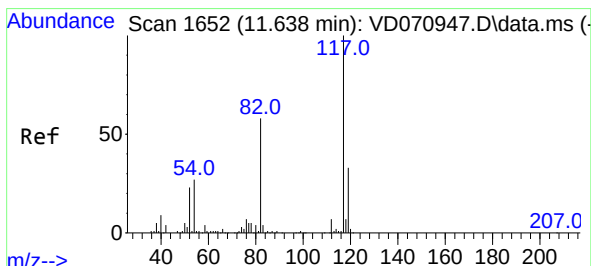
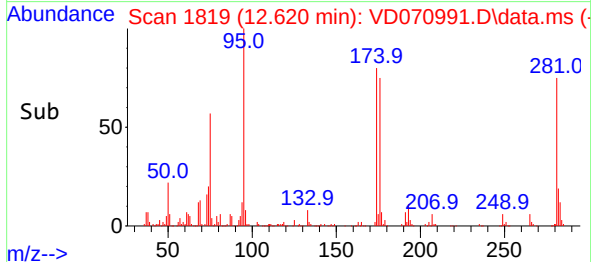
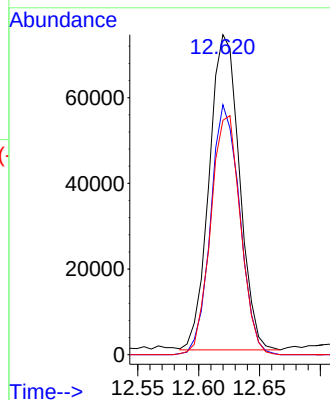
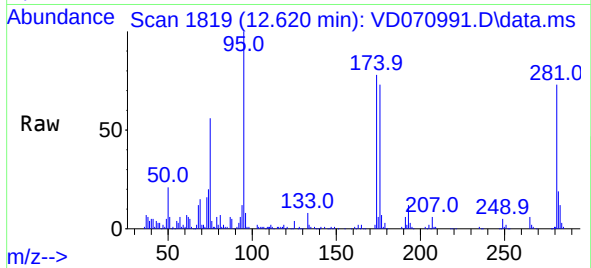




#62
4-Bromofluorobenzene
Concen: 31.702 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070991.D
Acq: 11 Nov 2021 15:00

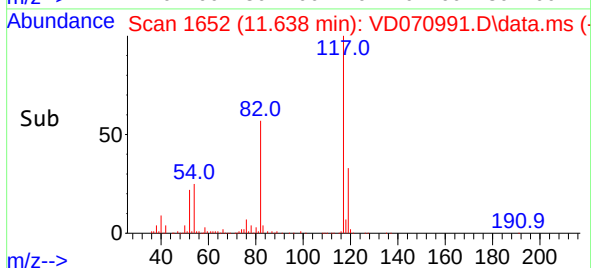
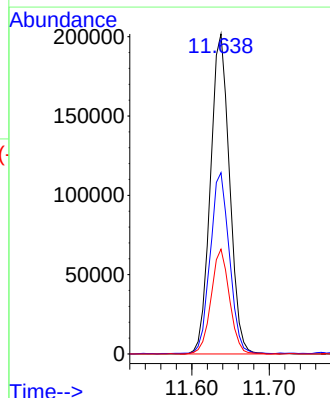
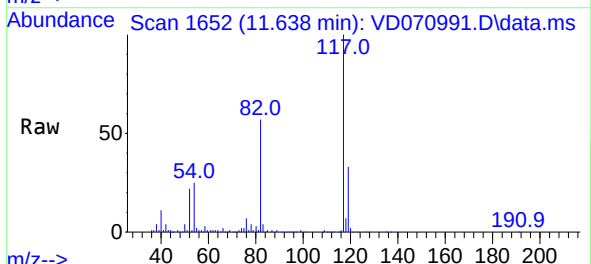
Instrument :
MSVOA_D
ClientSampleId :
DW-3

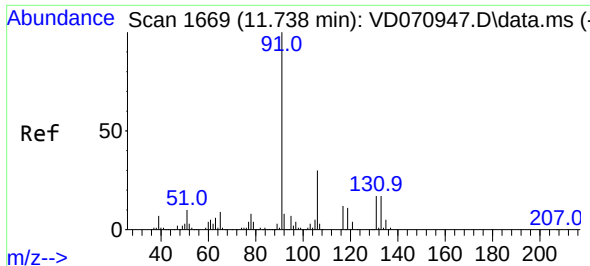
Tgt Ion: 95 Resp: 127004
Ion Ratio Lower Upper
95 100
174 76.4 0.0 159.4
176 74.8 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070991.D
Acq: 11 Nov 2021 15:00

Tgt Ion: 117 Resp: 345473
Ion Ratio Lower Upper
117 100
82 56.4 44.7 67.1
119 32.7 26.2 39.4





#67

Ethyl Benzene

Concen: 3.283 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD070991.D

Acq: 11 Nov 2021 15:00

Instrument :

MSVOA_D

ClientSampleId :

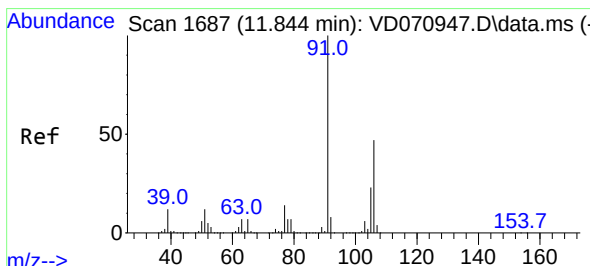
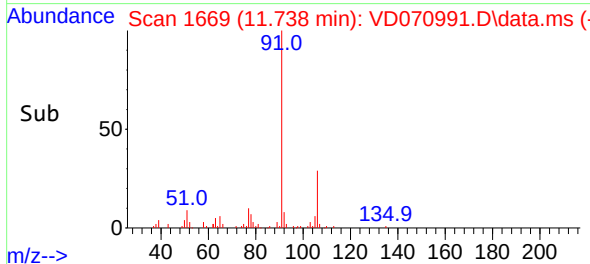
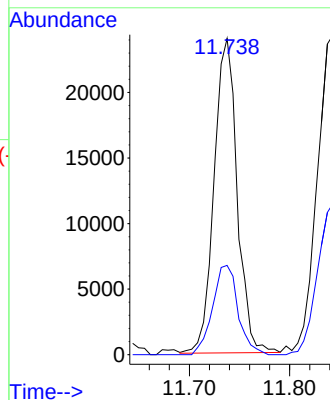
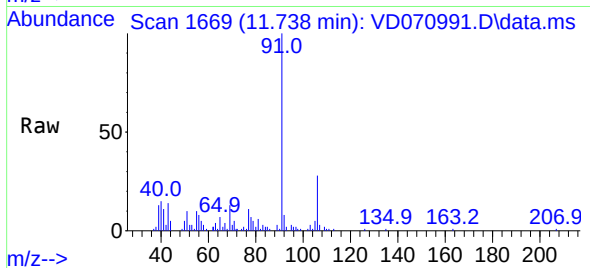
DW-3

Tgt Ion: 91 Resp: 38319

Ion Ratio Lower Upper

91 100

106 28.4 24.6 36.8



#68

m/p-Xylenes

Concen: 4.863 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.001 min

Lab File: VD070991.D

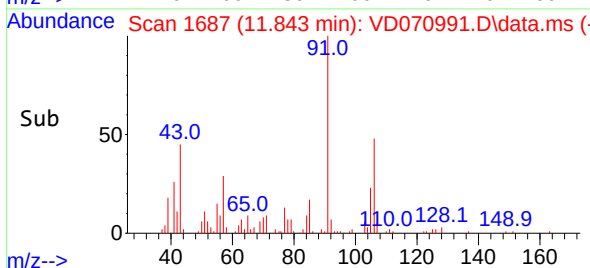
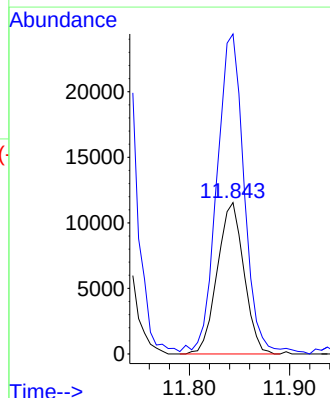
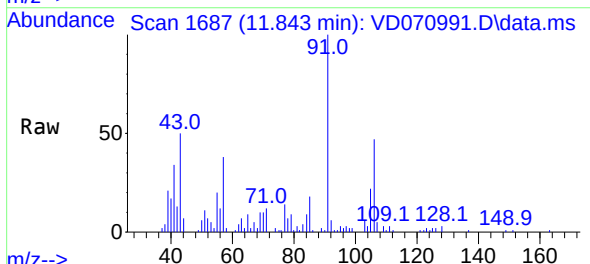
Acq: 11 Nov 2021 15:00

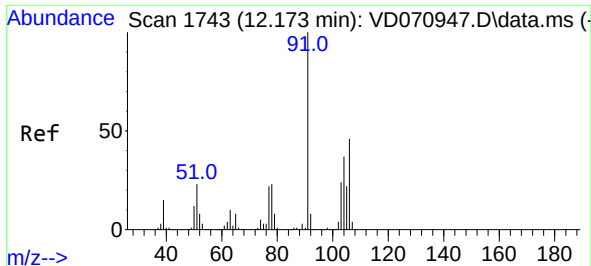
Tgt Ion: 106 Resp: 21215

Ion Ratio Lower Upper

106 100

91 218.3 160.1 240.1

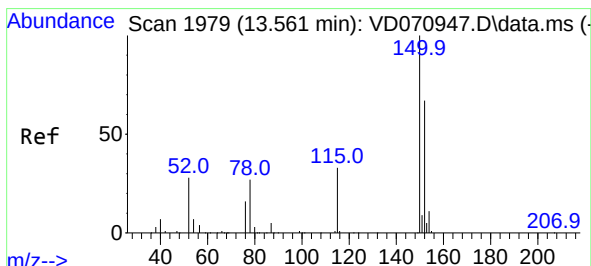
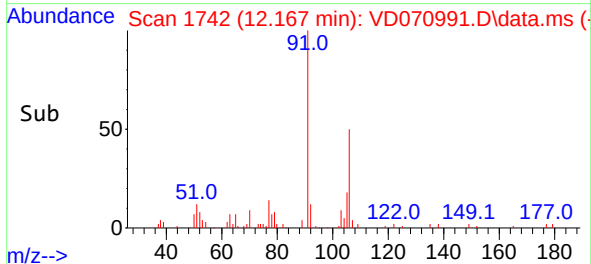
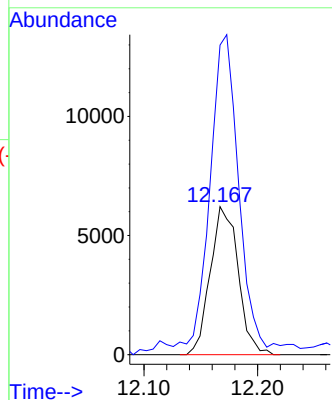
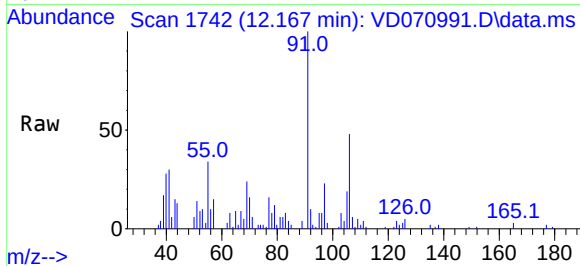




#69
o-Xylene
Concen: 2.554 ug/l
RT: 12.167 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VD070991.D
Acq: 11 Nov 2021 15:00

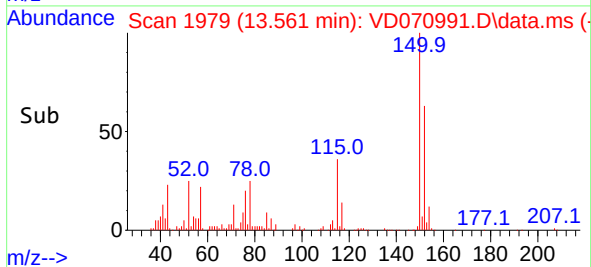
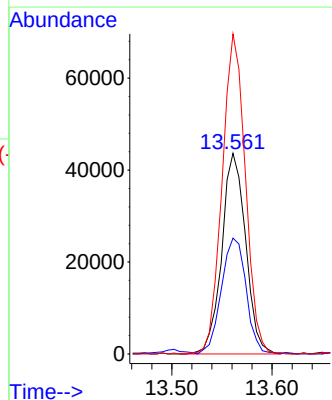
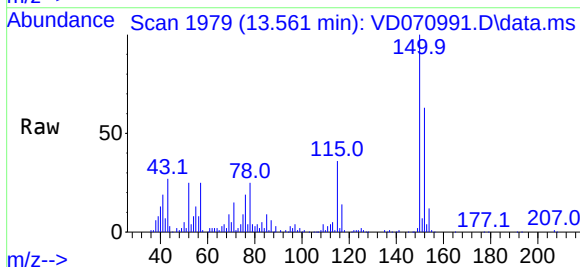
Instrument :
MSVOA_D
ClientSampleId :
DW-3

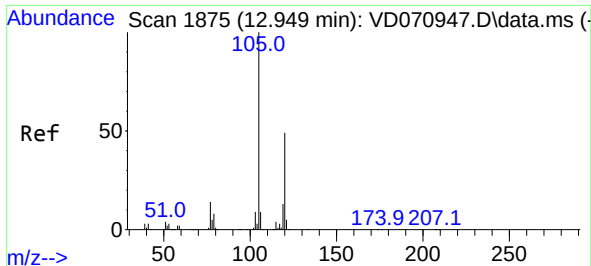
Tgt Ion:106 Resp: 10597
Ion Ratio Lower Upper
106 100
91 218.7 106.3 319.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070991.D
Acq: 11 Nov 2021 15:00

Tgt Ion:152 Resp: 72122
Ion Ratio Lower Upper
152 100
115 60.1 29.8 89.3
150 155.2 0.0 349.2

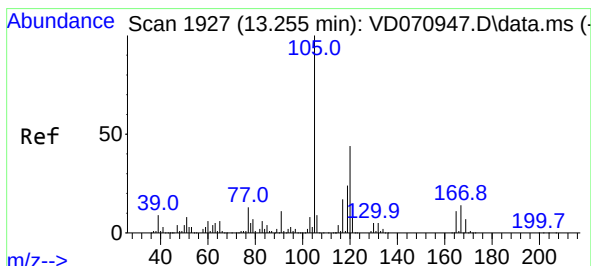
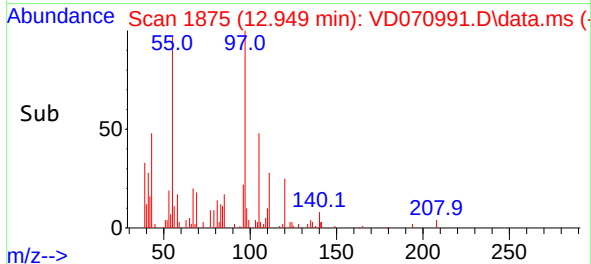
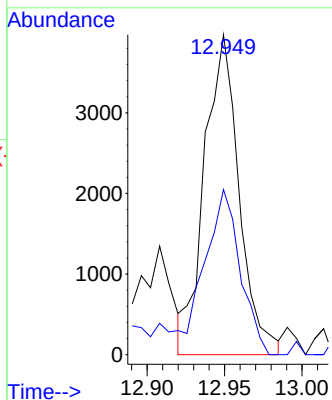
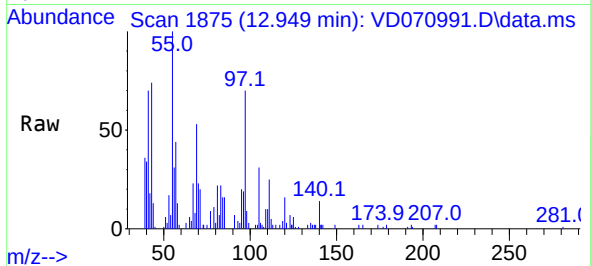




#80
1,3,5-Trimethylbenzene
Concen: 1.444 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070991.D
Acq: 11 Nov 2021 15:00

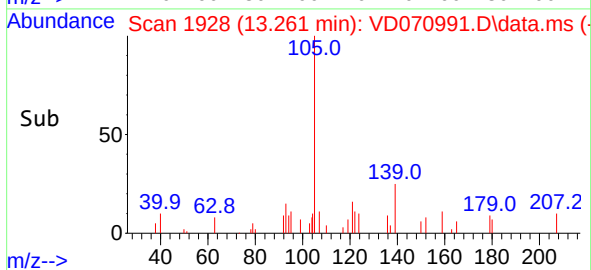
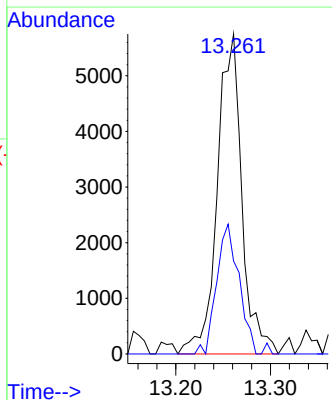
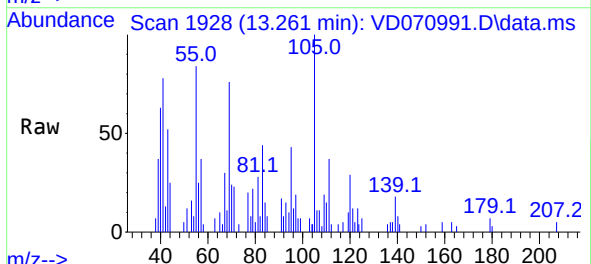
Instrument :
MSVOA_D
ClientSampleId :
DW-3

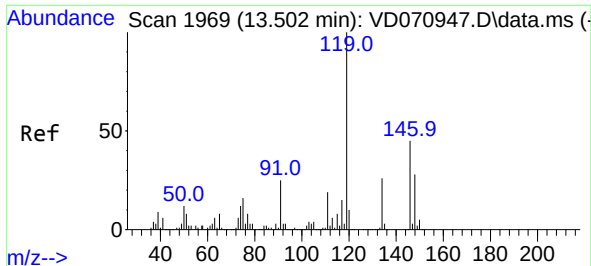
Tgt Ion:105 Resp: 6179
Ion Ratio Lower Upper
105 100
120 54.4 24.6 73.8



#84
1,2,4-Trimethylbenzene
Concen: 2.475 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.006 min
Lab File: VD070991.D
Acq: 11 Nov 2021 15:00

Tgt Ion:105 Resp: 10371
Ion Ratio Lower Upper
105 100
120 36.7 22.9 68.7

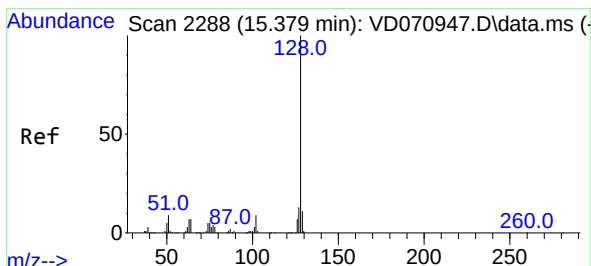
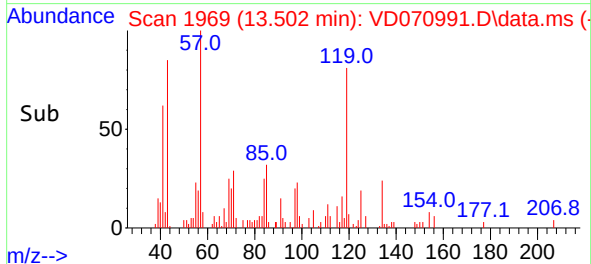
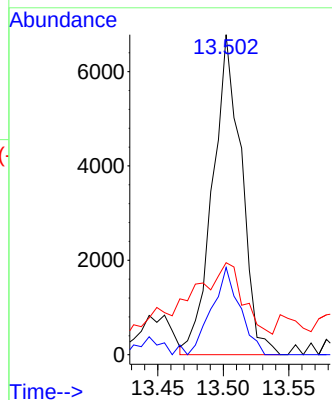
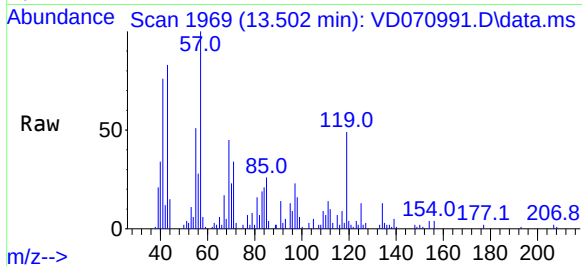




#86
p-Isopropyltoluene
Concen: 2.321 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD070991.D
Acq: 11 Nov 2021 15:00

Instrument :
MSVOA_D
ClientSampleId :
DW-3

Tgt Ion:119 Resp: 10324
Ion Ratio Lower Upper
119 100
134 26.6 13.0 38.9
91 46.0 11.4 34.2#



#95
Naphthalene
Concen: 4.299 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.005 min
Lab File: VD070991.D
Acq: 11 Nov 2021 15:00

Tgt Ion:128 Resp: 9879
Ion Ratio Lower Upper
128 100
127 34.4 10.7 16.1#
129 17.1 8.7 13.1#

