

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070989.D
 Acq On : 11 Nov 2021 14:03
 Operator : VA/SY
 Sample : M4576-03
 Misc : 5.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-(9-9.5)

Quant Time: Nov 12 08:00:31 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)

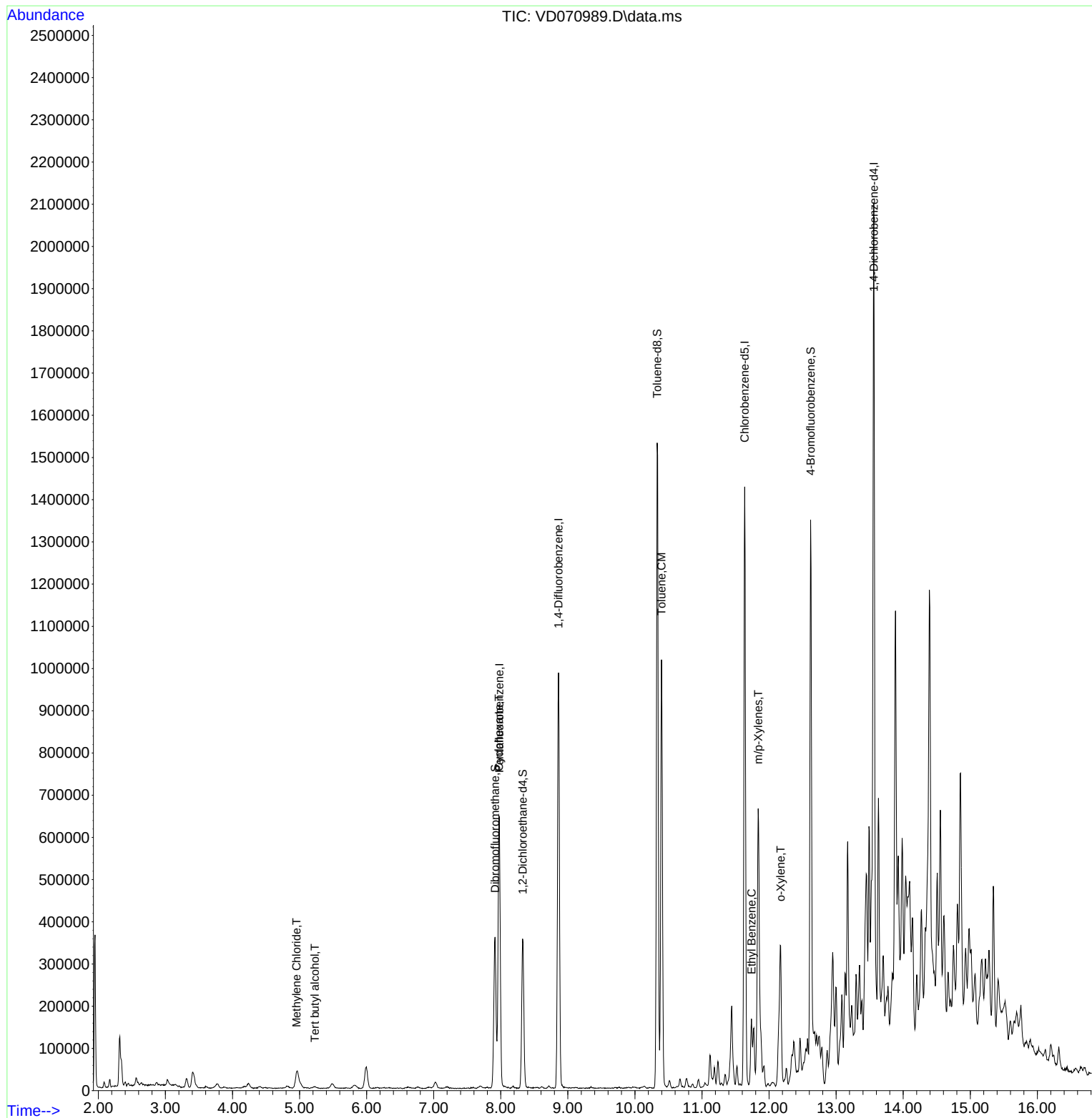
Internal Standards						
1) Pentafluorobenzene	7.979	168	444649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	787854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	765337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	361449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	282455	59.663	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.320%			
35) Dibromofluoromethane	7.914	113	250084	56.253	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.500%			
50) Toluene-d8	10.332	98	996913	57.259	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.520%			
62) 4-Bromofluorobenzene	12.620	95	391829	62.505	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 125.000%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.226	59	6165	17.818	ug/l #	81
20) Methylene Chloride	4.956	84	29721	5.141	ug/l	94
31) Cyclohexane	7.973	56	20514	2.107	ug/l #	42
52) Toluene	10.396	92	416095	33.321	ug/l	98
67) Ethyl Benzene	11.738	91	105039	4.062	ug/l	99
68) m/p-Xylenes	11.838	106	178807	18.500	ug/l	93
69) o-Xylene	12.173	106	68469	7.448	ug/l	94

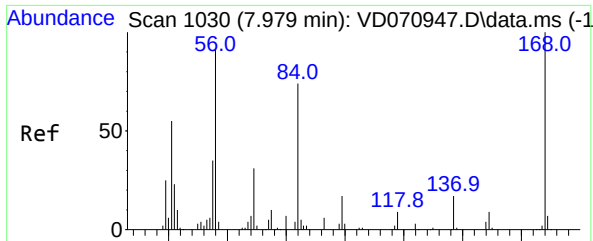
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.61G/5.00ml/MSVOA_D/SOIL
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MSVOA_D
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SB-2-(9-9.5)

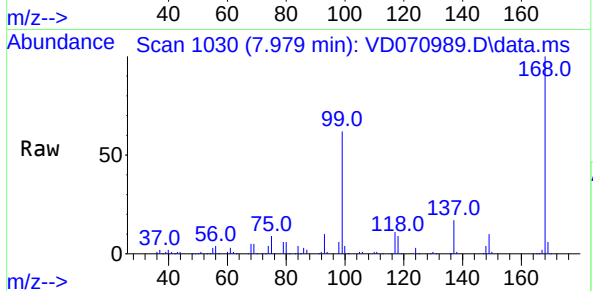
Quant Time: Nov 12 08:00:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
Response via : Initial Calibration



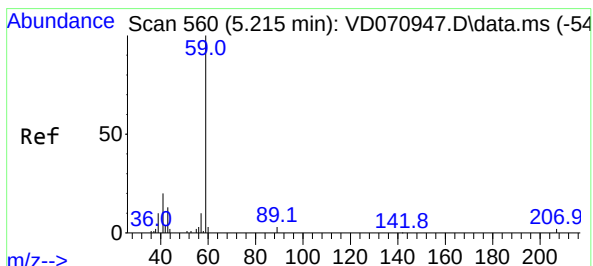
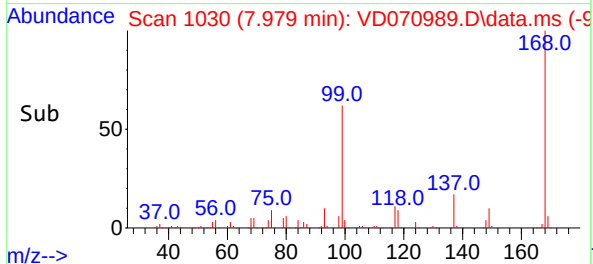
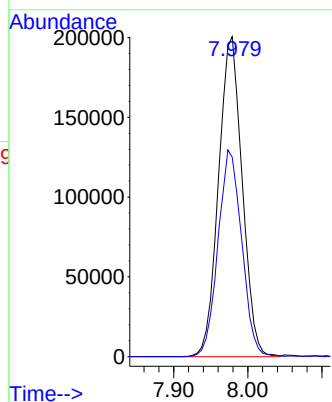


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070989.D
Acq: 11 Nov 2021 14:03

Instrument :
MSVOA_D
ClientSampleId :
SB-2-(9-9.5)

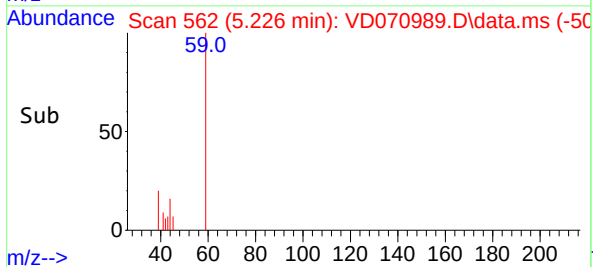
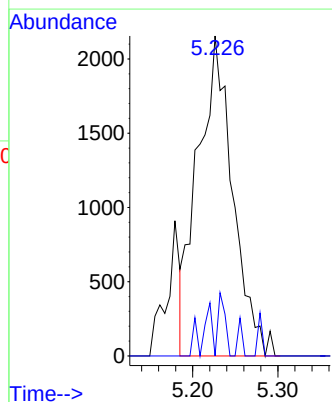
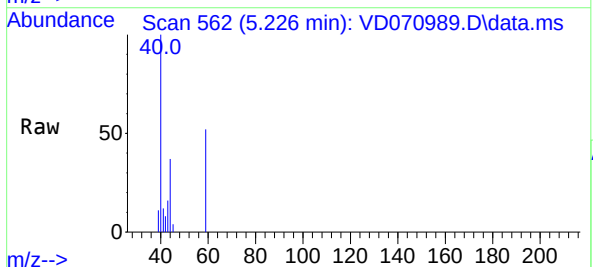


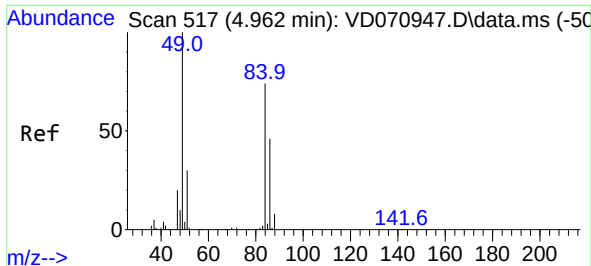
Tgt Ion:168 Resp: 444649
Ion Ratio Lower Upper
168 100
99 62.4 46.6 69.8



#11
Tert butyl alcohol
Concen: 17.818 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.011 min
Lab File: VD070989.D
Acq: 11 Nov 2021 14:03

Tgt Ion: 59 Resp: 6165
Ion Ratio Lower Upper
59 100
57 4.0 9.0 13.4#



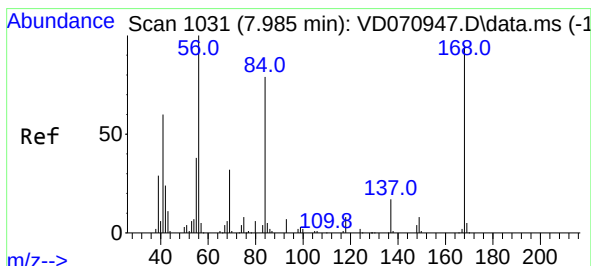
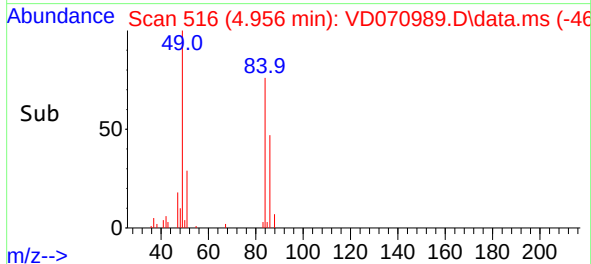
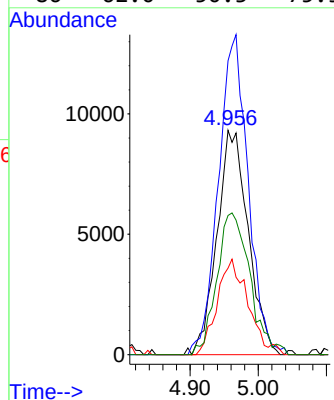
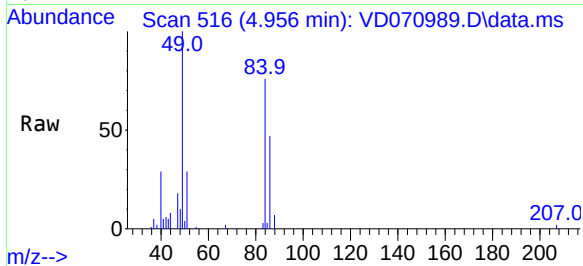


#20
Methylene Chloride
Concen: 5.141 ug/l
RT: 4.956 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD070989.D
Acq: 11 Nov 2021 14:03

Instrument :
MSVOA_D
ClientSampleId :
SB-2-(9-9.5)

Tgt Ion: 84 Resp: 29721

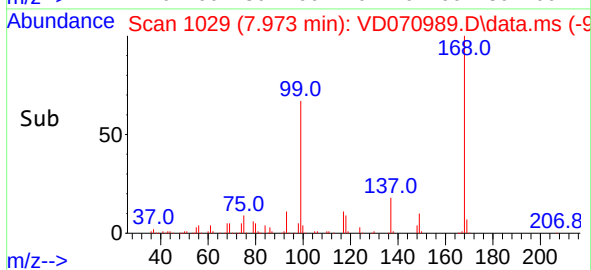
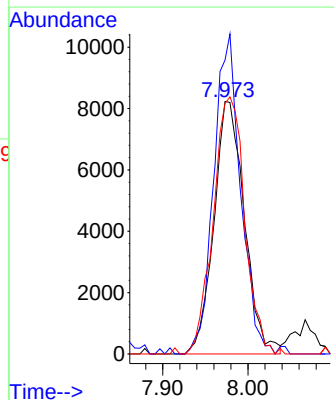
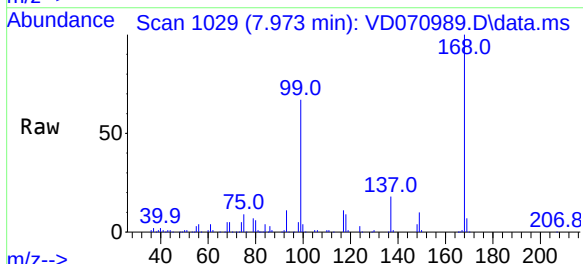
Ion	Ratio	Lower	Upper
84	100		
49	131.0	95.8	143.6
51	38.6	30.9	46.3
86	62.0	50.3	75.5

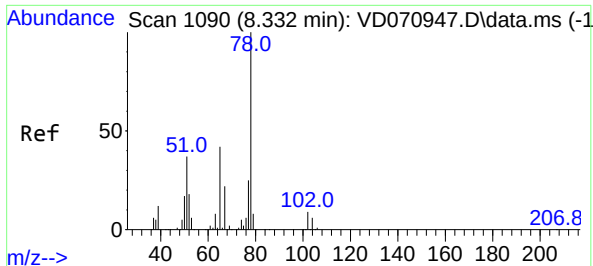


#31
Cyclohexane
Concen: 2.107 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070989.D
Acq: 11 Nov 2021 14:03

Tgt Ion: 56 Resp: 20514

Ion	Ratio	Lower	Upper
56	100		
69	116.4	25.9	38.9#
84	99.2	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 59.663 ug/l

RT: 8.326 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD070989.D

Acq: 11 Nov 2021 14:03

Instrument :

MSVOA_D

ClientSampleId :

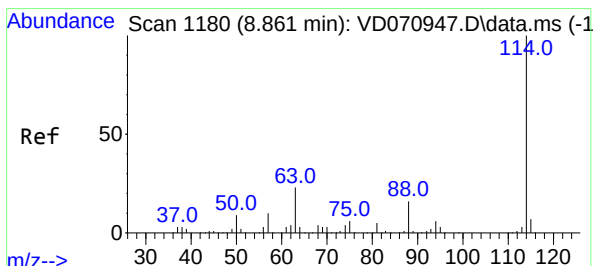
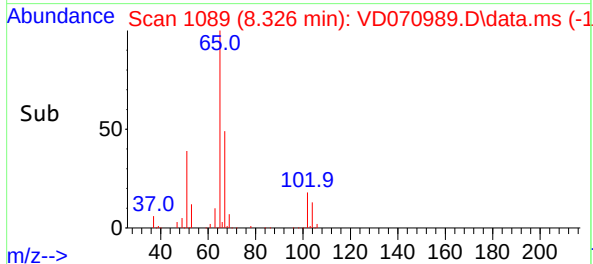
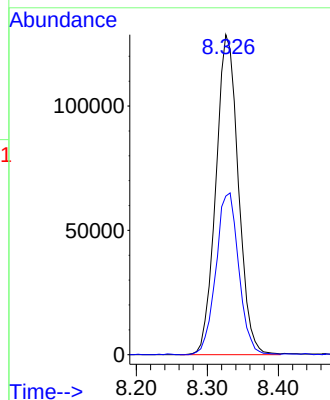
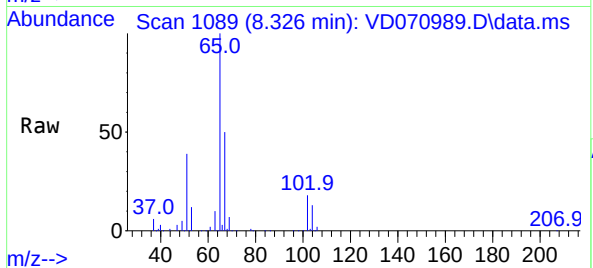
SB-2-(9-9.5)

Tgt Ion: 65 Resp: 282455

Ion Ratio Lower Upper

65 100

67 51.4 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: VD070989.D

Acq: 11 Nov 2021 14:03

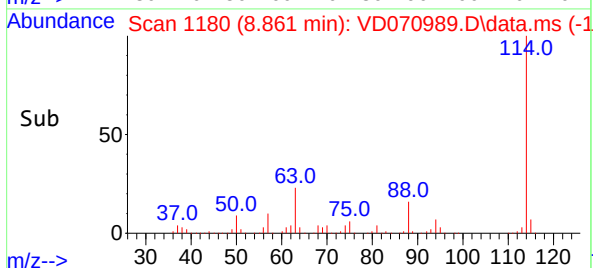
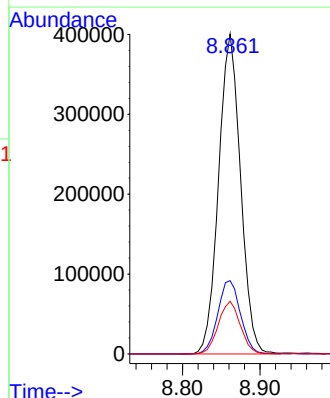
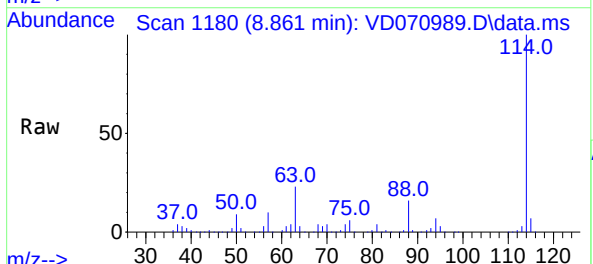
Tgt Ion: 114 Resp: 787854

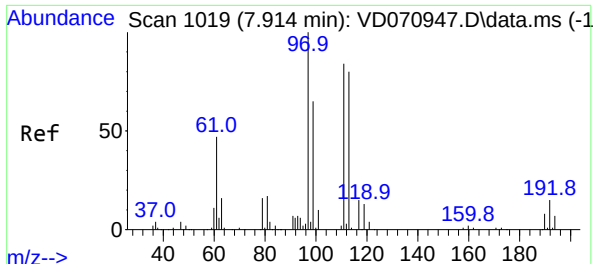
Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

88 16.4 0.0 32.8

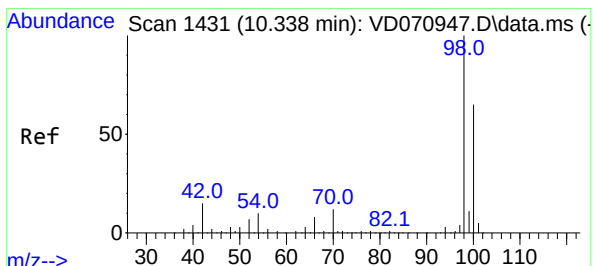
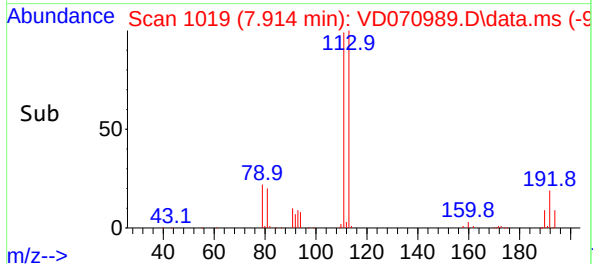
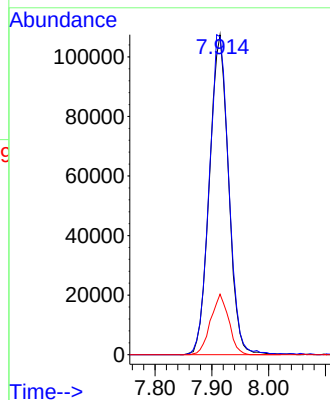
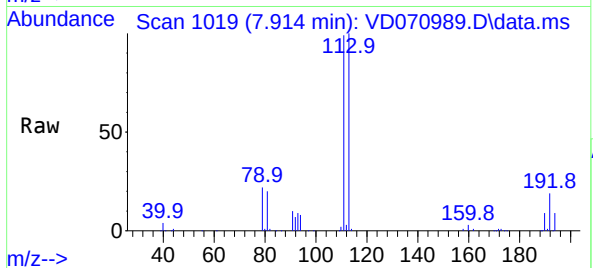




#35
Dibromofluoromethane
Concen: 56.253 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070989.D
Acq: 11 Nov 2021 14:03

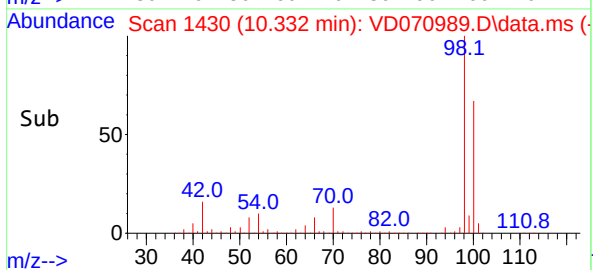
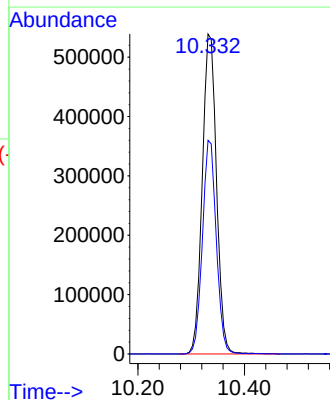
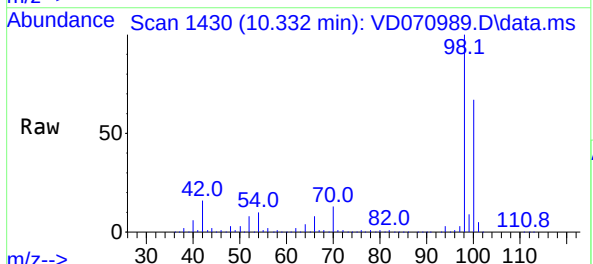
Instrument :
MSVOA_D
ClientSampleId :
SB-2-(9-9.5)

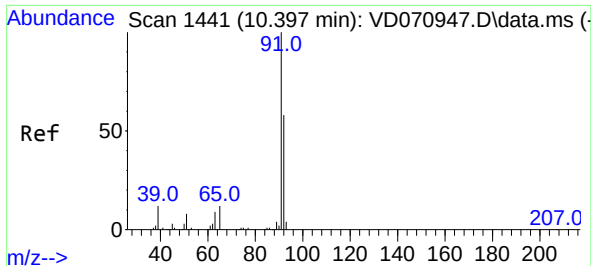
Tgt Ion:113 Resp: 250084
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 17.9 15.2 22.8



#50
Toluene-d8
Concen: 57.259 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070989.D
Acq: 11 Nov 2021 14:03

Tgt Ion: 98 Resp: 996913
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

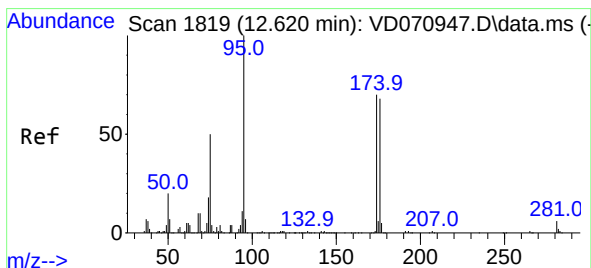
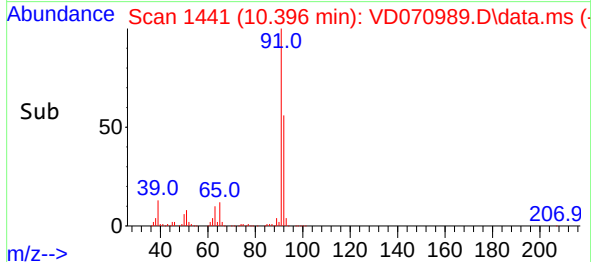
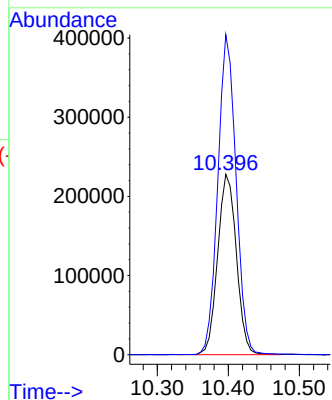
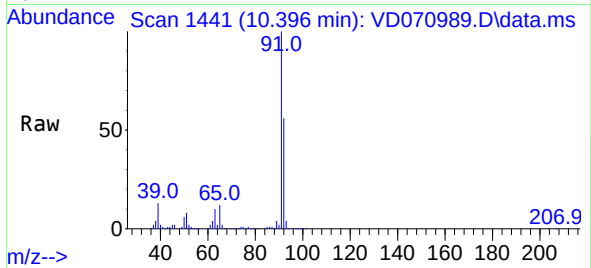




#52
Toluene
Concen: 33.321 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD070989.D
Acq: 11 Nov 2021 14:03

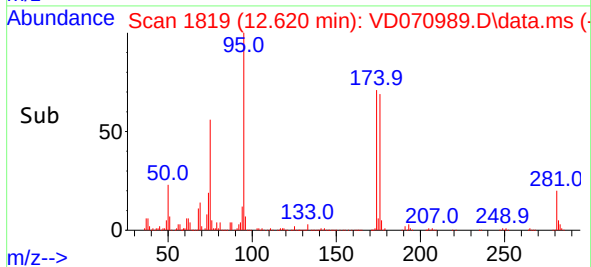
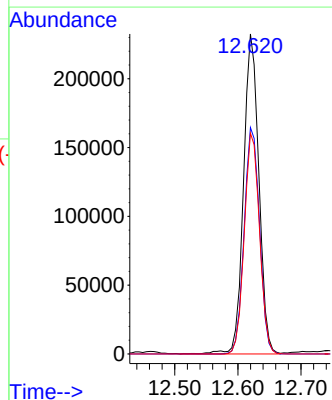
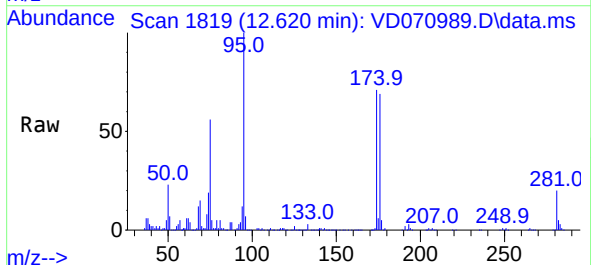
Instrument :
MSVOA_D
ClientSampleId :
SB-2-(9-9.5)

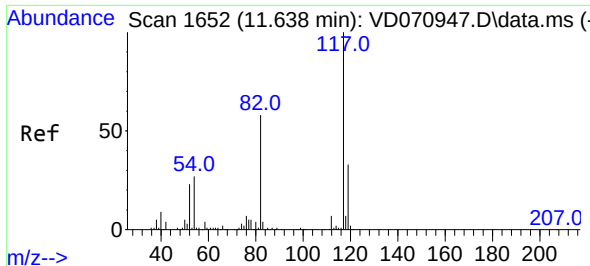
Tgt Ion: 92 Resp: 416095
Ion Ratio Lower Upper
92 100
91 173.0 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 62.505 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070989.D
Acq: 11 Nov 2021 14:03

Tgt Ion: 95 Resp: 391829
Ion Ratio Lower Upper
95 100
174 71.2 0.0 159.4
176 68.6 0.0 154.0

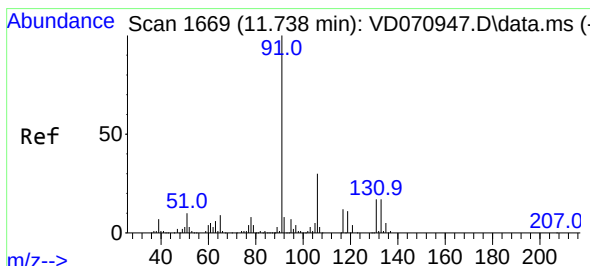
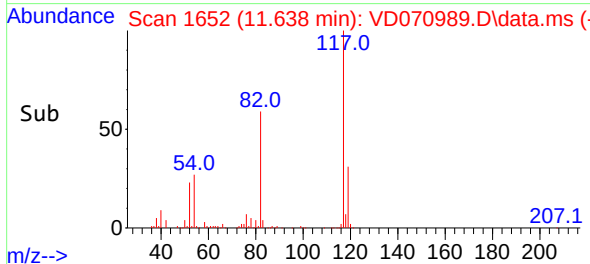
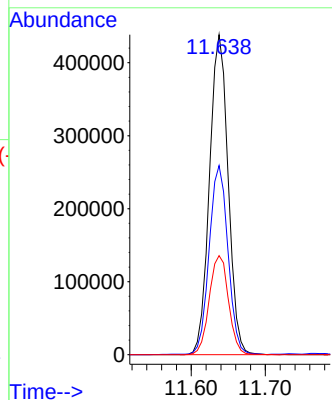
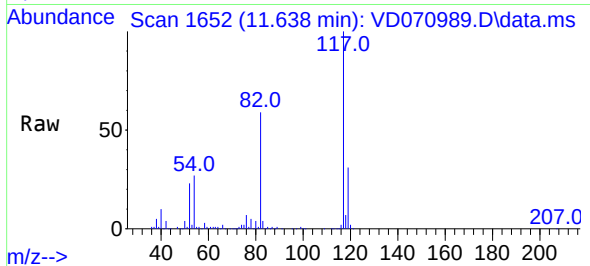




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD070989.D
Acq: 11 Nov 2021 14:03

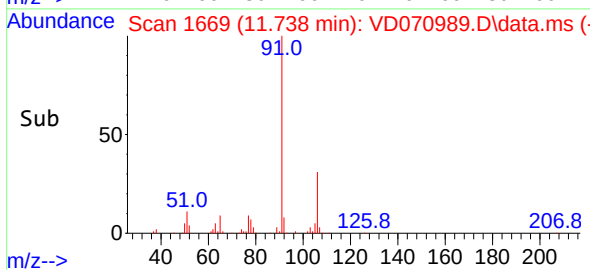
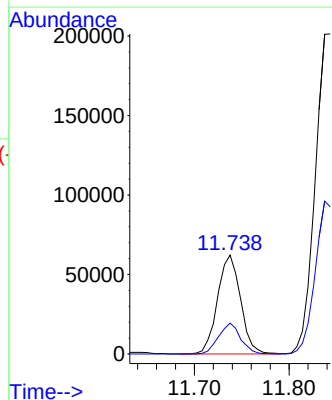
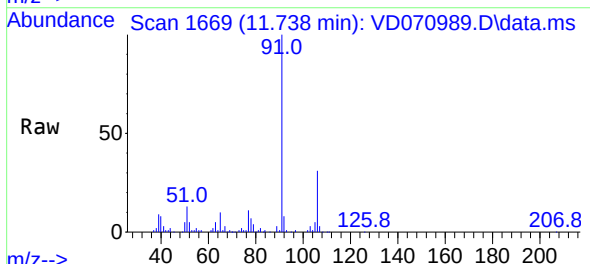
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SB-2-(9-9.5)

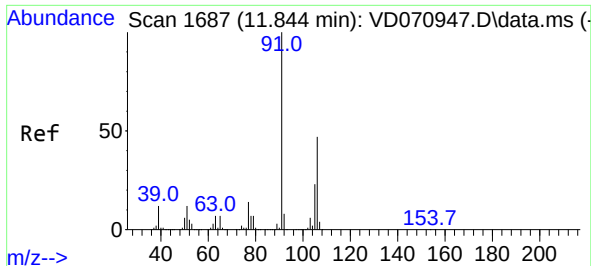
Tgt Ion:117 Resp: 765337
Ion Ratio Lower Upper
117 100
82 58.9 44.7 67.1
119 31.0 26.2 39.4



#67
Ethyl Benzene
Concen: 4.062 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD070989.D
Acq: 11 Nov 2021 14:03

Tgt Ion: 91 Resp: 105039
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8

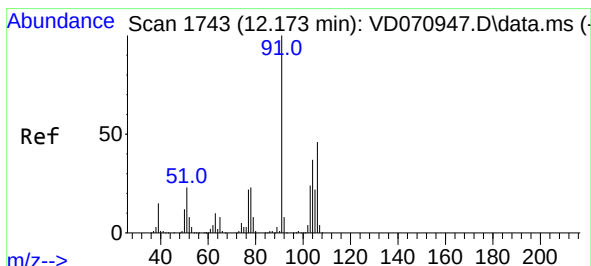
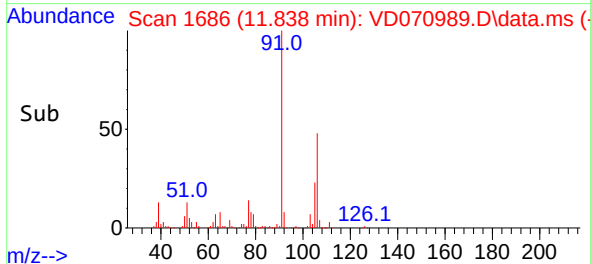
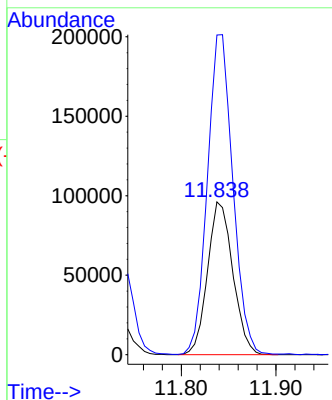
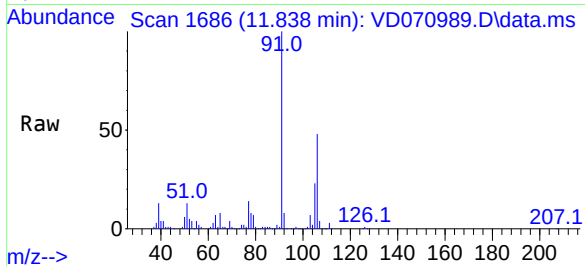




#68
m/p-Xylenes
Concen: 18.500 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD070989.D
Acq: 11 Nov 2021 14:03

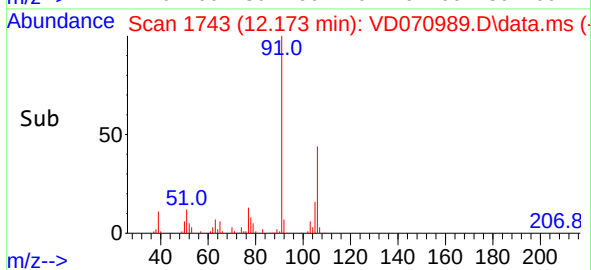
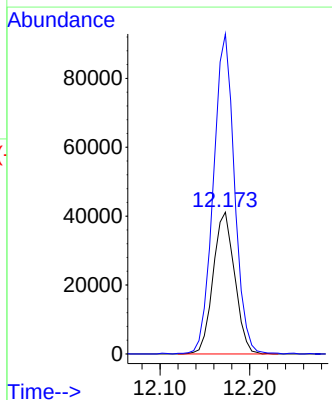
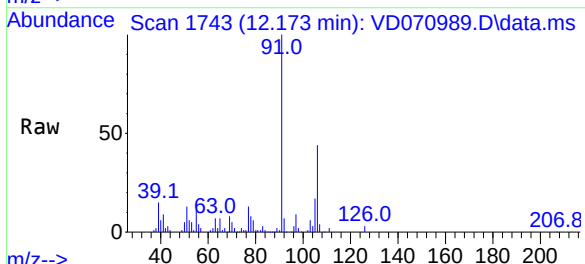
Instrument :
MSVOA_D
ClientSampleId :
SB-2-(9-9.5)

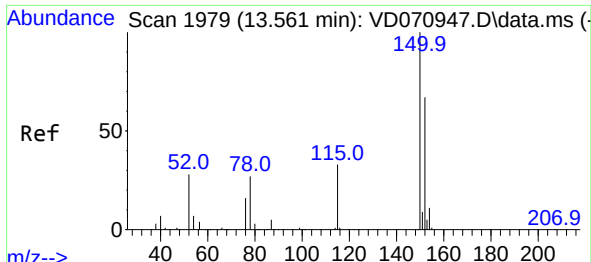
Tgt Ion:106 Resp: 178807
Ion Ratio Lower Upper
106 100
91 210.0 160.1 240.1



#69
o-Xylene
Concen: 7.448 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD070989.D
Acq: 11 Nov 2021 14:03

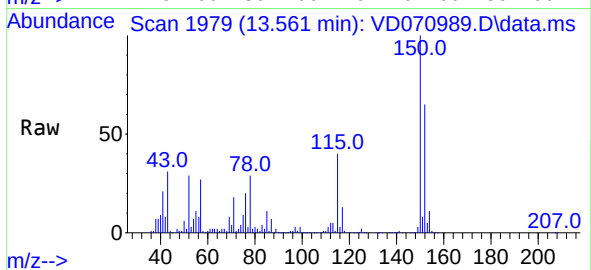
Tgt Ion:106 Resp: 68469
Ion Ratio Lower Upper
106 100
91 221.9 106.3 319.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070989.D
 Acq: 11 Nov 2021 14:03

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2-(9-9.5)



Tgt Ion:152 Resp: 361449

Ion	Ratio	Lower	Upper
152	100		
115	61.1	29.8	89.3
150	155.8	0.0	349.2

