

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072437.D
 Acq On : 25 Mar 2022 19:03
 Operator : VA/SY
 Sample : N2095-04
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-4.0-5.0

Quant Time: Mar 26 00:15:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

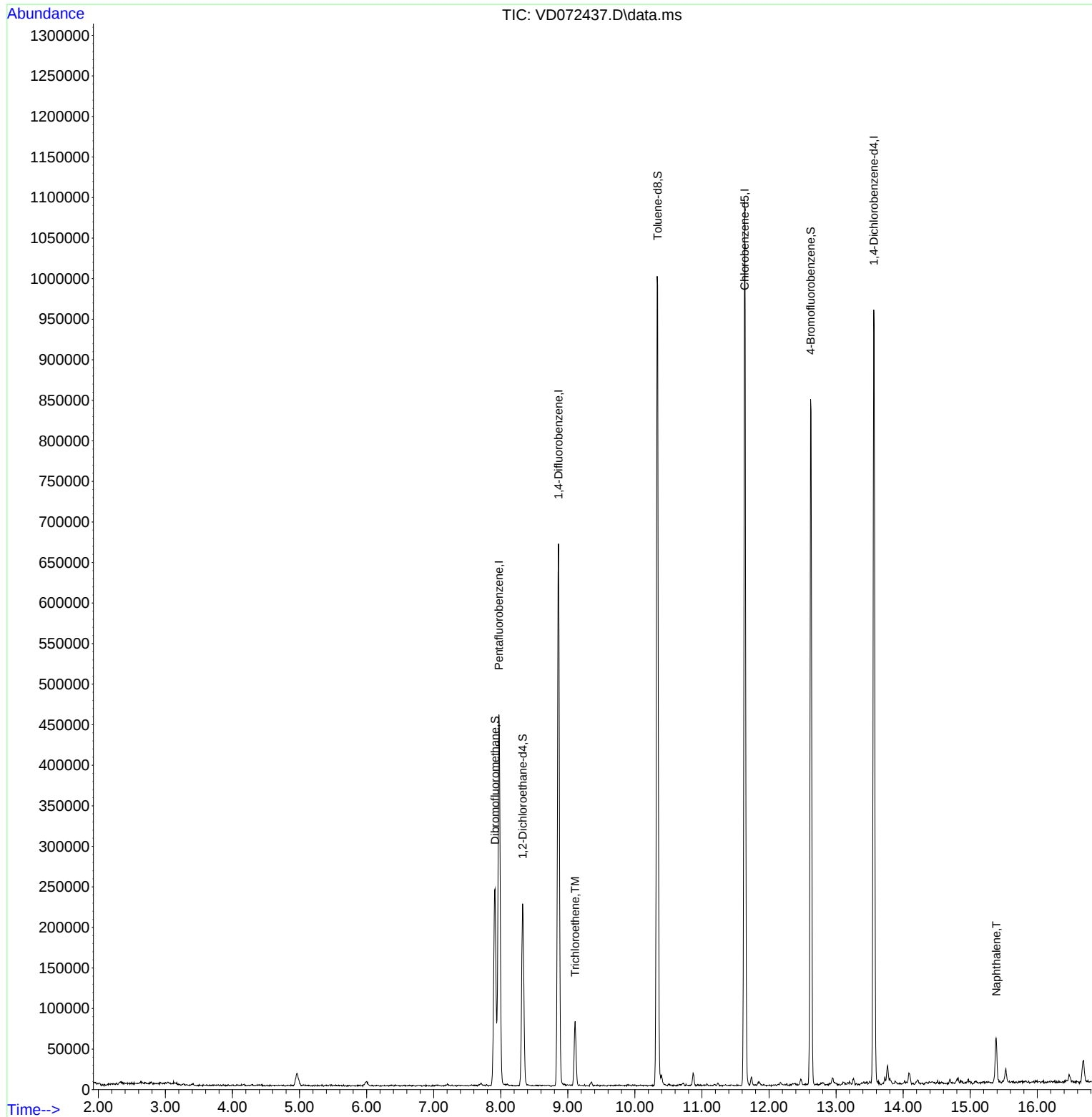
Internal Standards						
1) Pentafluorobenzene	7.973	168	328537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	554324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	608342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	253465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175315	47.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.760%
35) Dibromofluoromethane	7.914	113	177273	45.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.900%
50) Toluene-d8	10.338	98	685546	48.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.120%
62) 4-Bromofluorobenzene	12.620	95	284662	51.363	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.720%
Target Compounds						Qvalue
44) Trichloroethene	9.108	130	27161	6.197	ug/l	86
95) Naphthalene	15.390	128	48752	5.171	ug/l	98

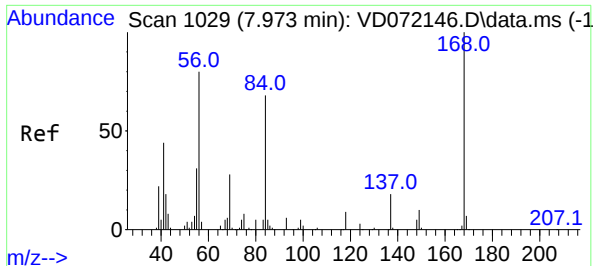
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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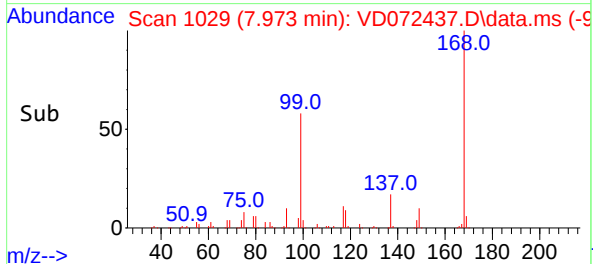
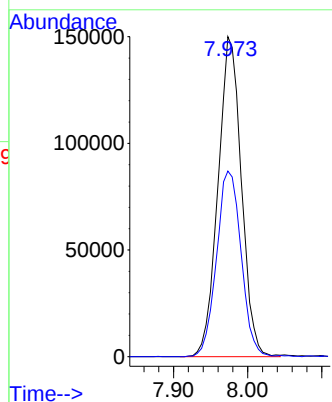
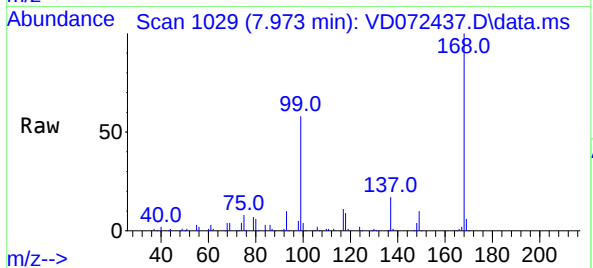




Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

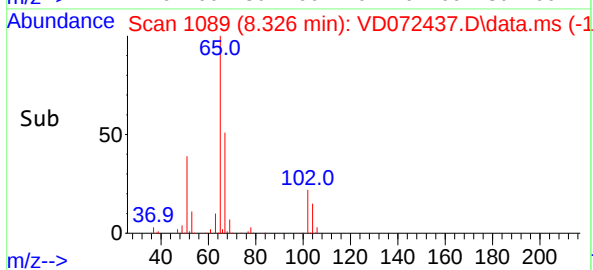
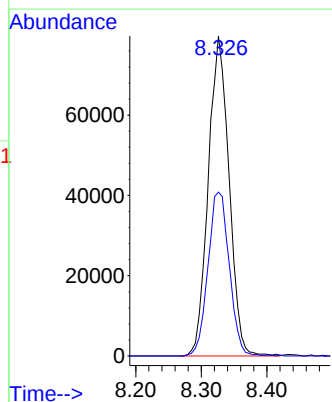
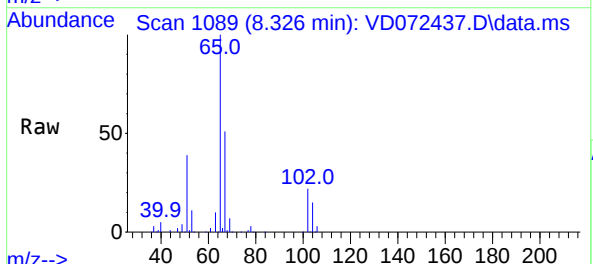
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.0-5.0

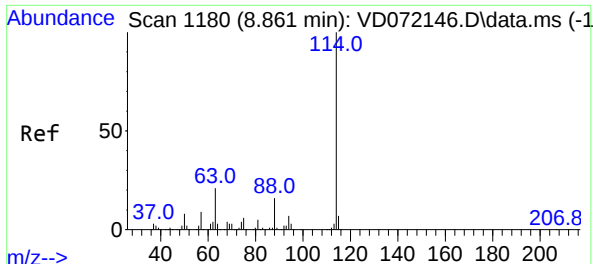
Tgt Ion:168 Resp: 328537
Ion Ratio Lower Upper
168 100
99 58.0 49.8 74.6



1,2-Dichloroethane-d4
Concen: 47.882 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

Tgt Ion: 65 Resp: 175315
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072437.D

Acq: 25 Mar 2022 19:03

Instrument :

MSVOA_D

ClientSampleId :

SB-04-4.0-5.0

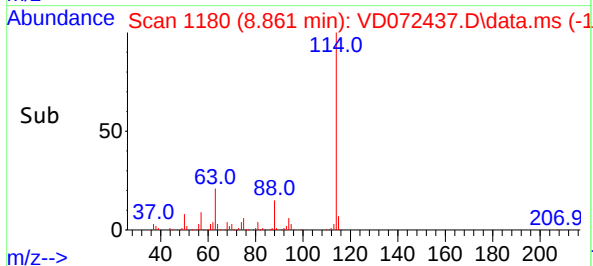
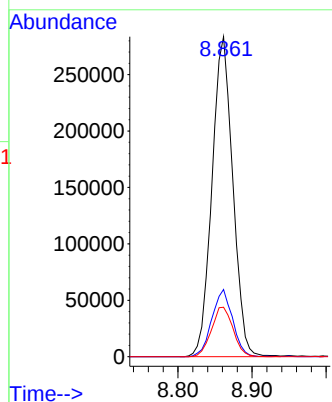
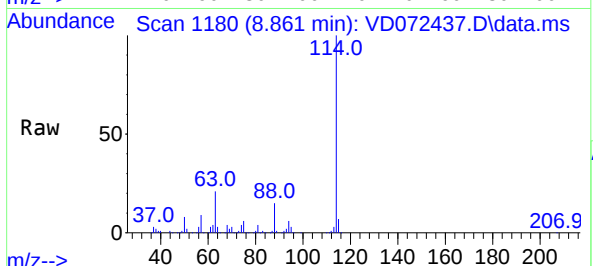
Tgt Ion:114 Resp: 554324

Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.445 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072437.D

Acq: 25 Mar 2022 19:03

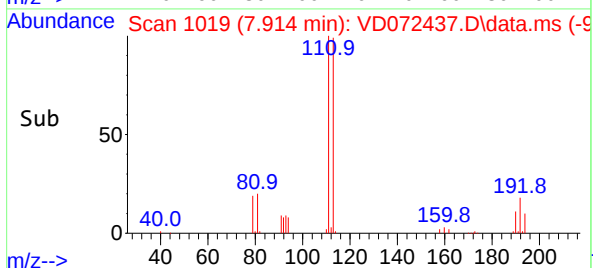
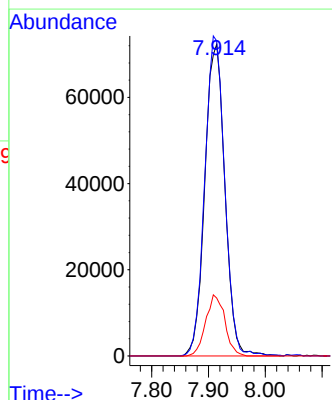
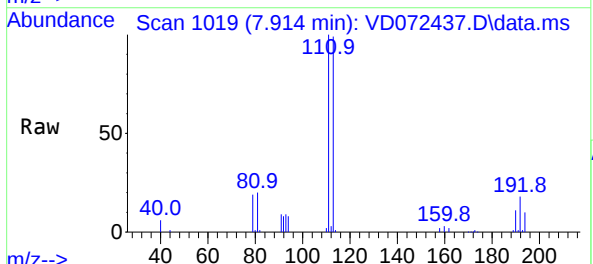
Tgt Ion:113 Resp: 177273

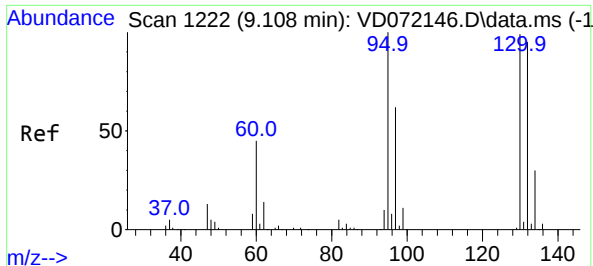
Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 18.7 14.6 21.8

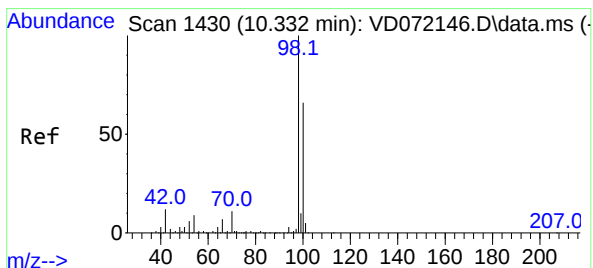
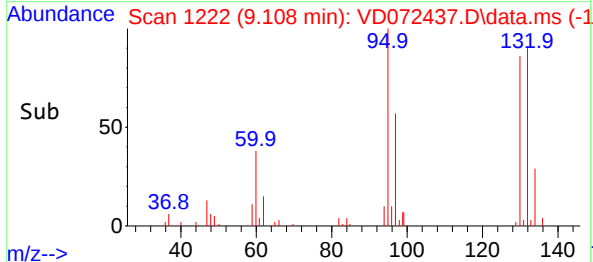
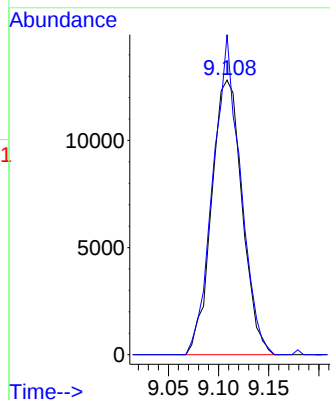
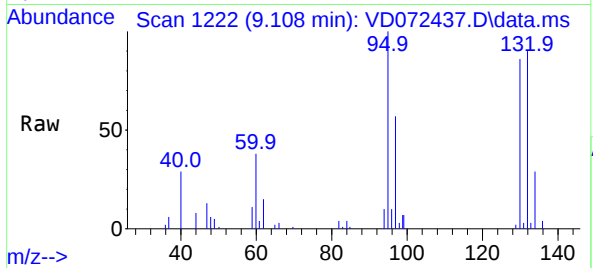




#44
Trichloroethene
Concen: 6.197 ug/l
RT: 9.108 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

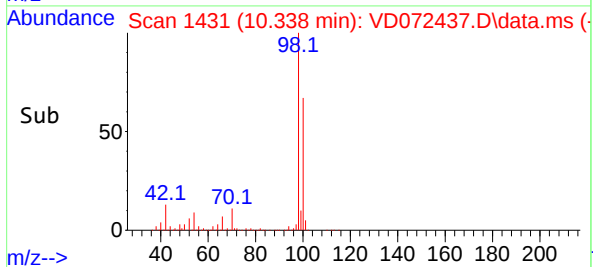
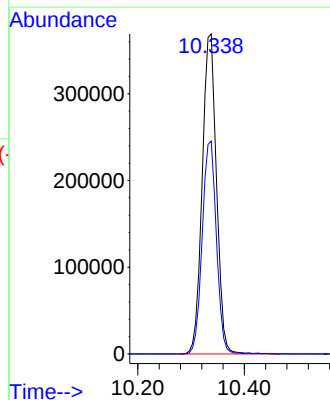
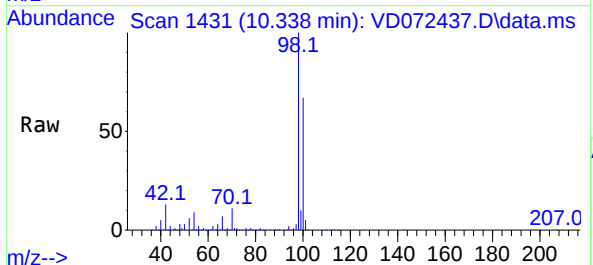
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MSVOA_D
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SB-04-4.0-5.0

Tgt Ion:130 Resp: 27161
Ion Ratio Lower Upper
130 100
95 116.5 0.0 205.4



#50
Toluene-d8
Concen: 48.063 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

Tgt Ion: 98 Resp: 685546
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6

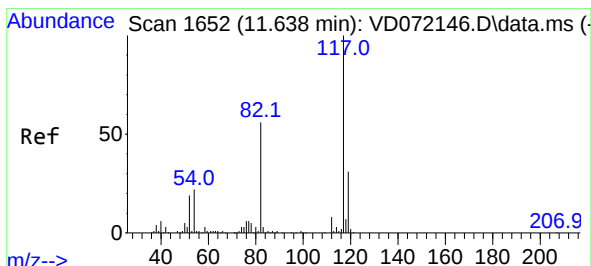
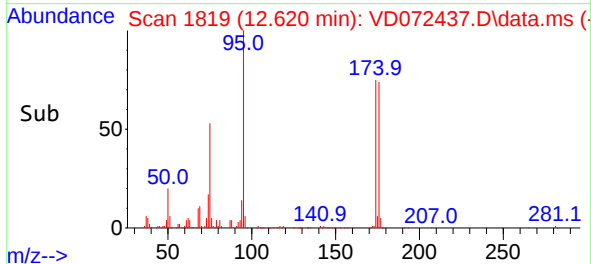
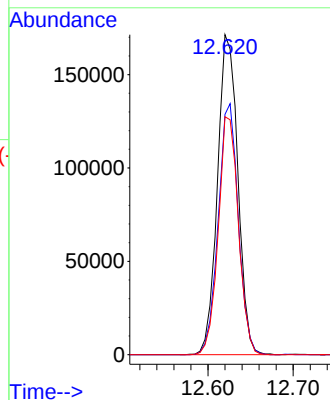
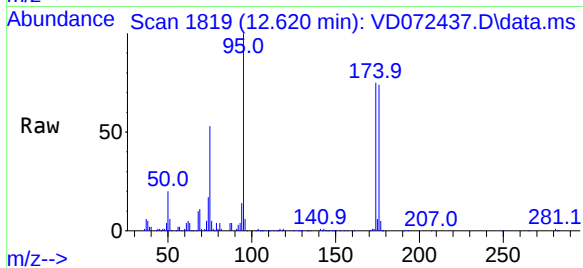




#62
4-Bromofluorobenzene
Concen: 51.363 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

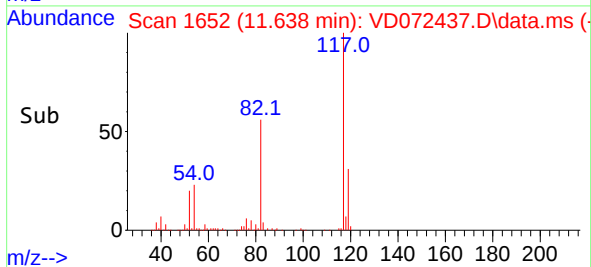
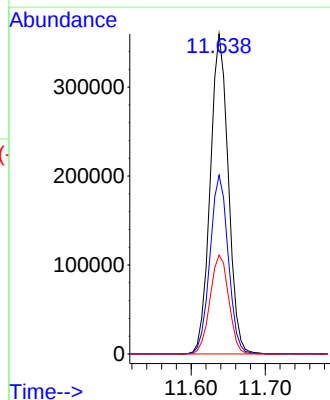
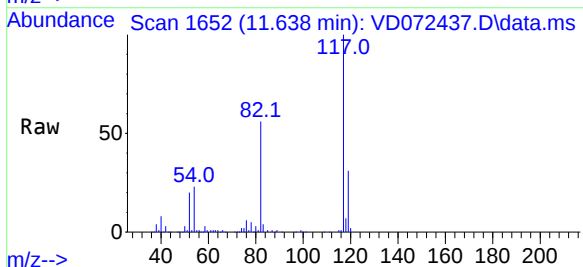
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.0-5.0

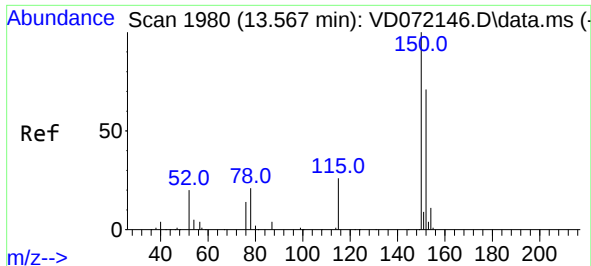
Tgt Ion: 95 Resp: 284662
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 73.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

Tgt Ion: 117 Resp: 608342
Ion Ratio Lower Upper
117 100
82 55.8 45.3 67.9
119 30.9 26.6 40.0

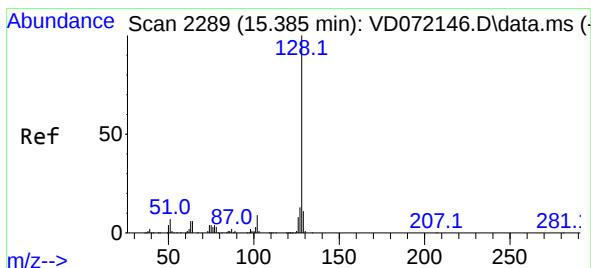
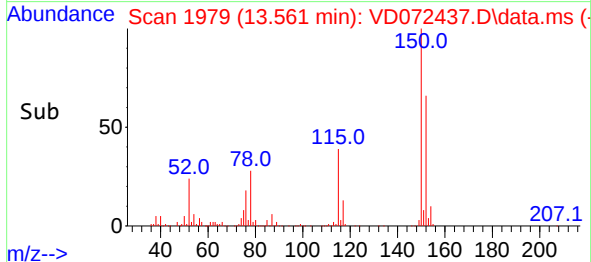
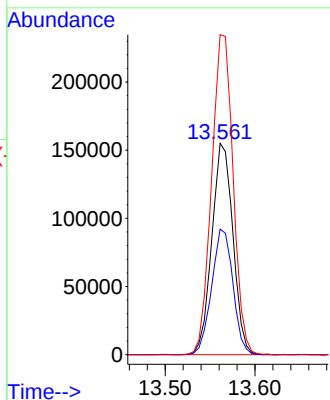
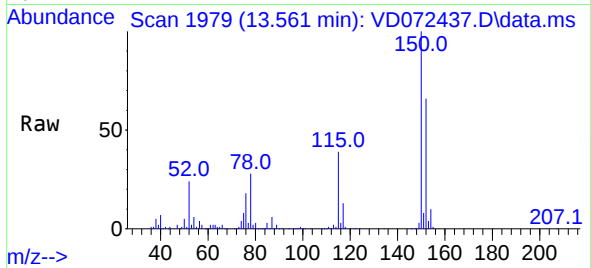




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.0-5.0

Tgt Ion:152 Resp: 253465
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 154.3 0.0 348.6



#95
Naphthalene
Concen: 5.171 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD072437.D
Acq: 25 Mar 2022 19:03

Tgt Ion:128 Resp: 48752
Ion Ratio Lower Upper
128 100
127 13.9 10.3 15.5
129 11.2 8.4 12.6

