

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071811.D
 Acq On : 27 Jan 2022 19:37
 Operator : VA/SY
 Sample : N1319-07
 Misc : 10.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-2S

Quant Time: Jan 28 07:23:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

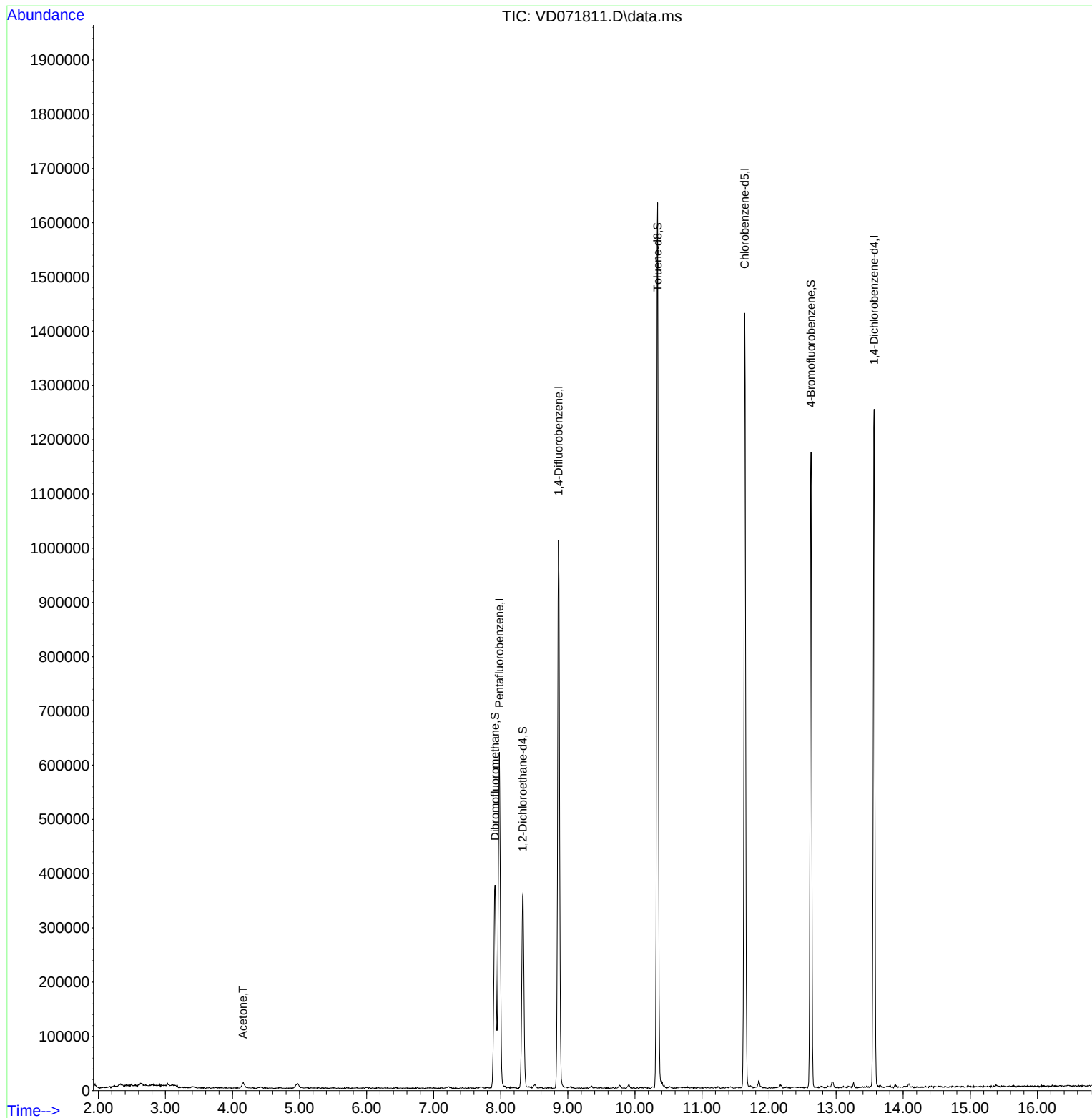
Internal Standards						
1) Pentafluorobenzene	7.979	168	415923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	816943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	760985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	312374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	289461	55.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.120%
35) Dibromofluoromethane	7.914	113	267856	49.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.760%
50) Toluene-d8	10.338	98	1052331	52.472	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.940%
62) 4-Bromofluorobenzene	12.626	95	329401	47.034	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.060%
Target Compounds						
16) Acetone	4.156	43	17707	12.304	ug/l	Qvalue 95

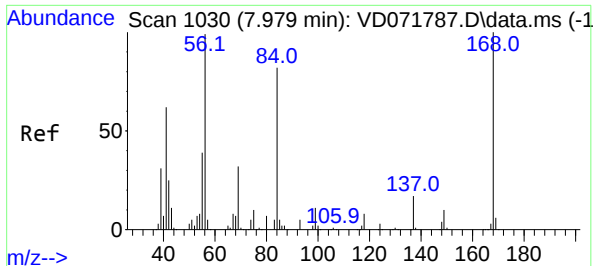
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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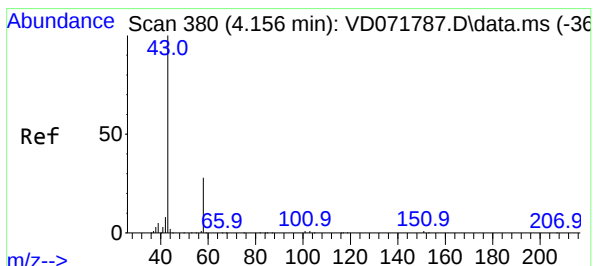
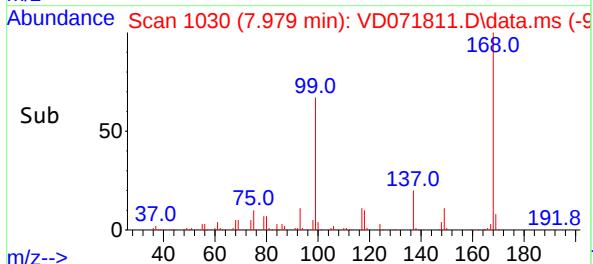
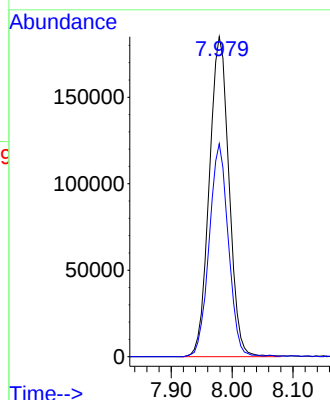
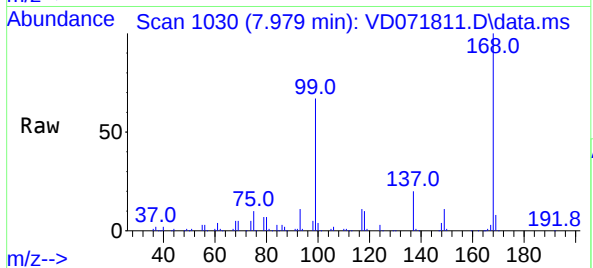




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071811.D
Acq: 27 Jan 2022 19:37

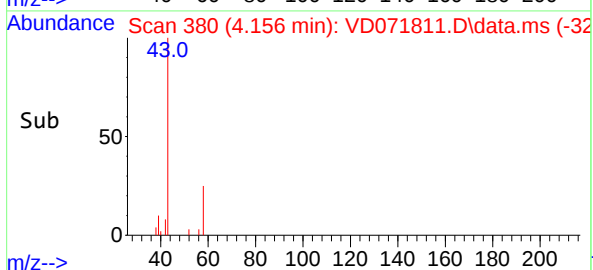
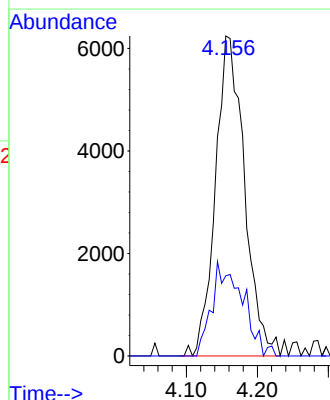
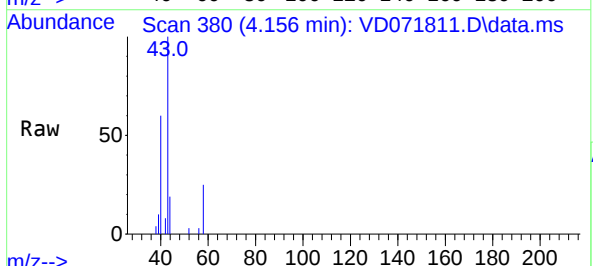
Instrument :
MSVOA_D
ClientSampleId :
MH-2S

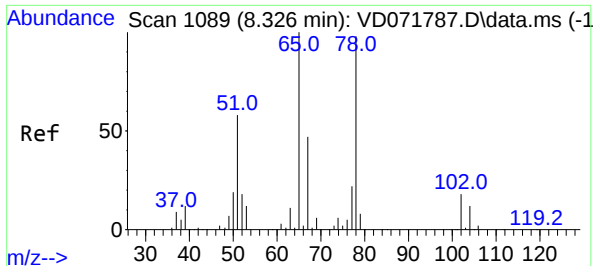
Tgt Ion:168 Resp: 415923
Ion Ratio Lower Upper
168 100
99 66.6 49.8 74.6



#16
Acetone
Concen: 12.304 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071811.D
Acq: 27 Jan 2022 19:37

Tgt Ion: 43 Resp: 17707
Ion Ratio Lower Upper
43 100
58 25.0 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 55.061 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071811.D

Acq: 27 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

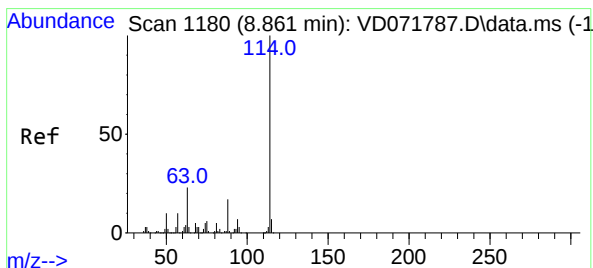
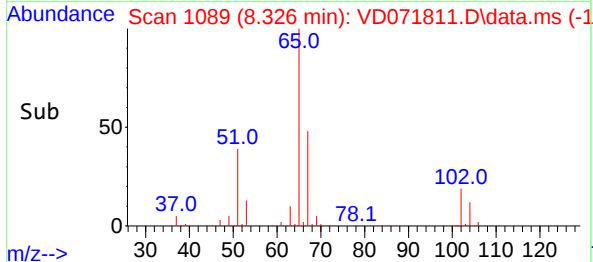
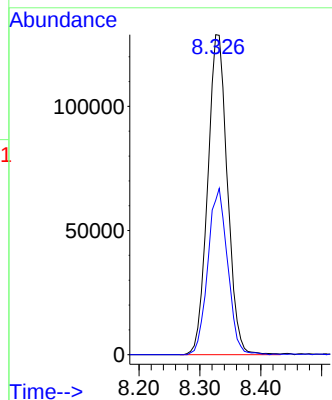
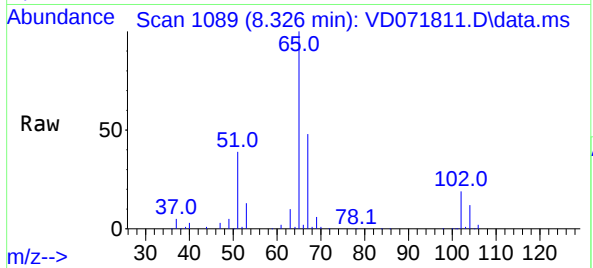
MH-2S

Tgt Ion: 65 Resp: 289461

Ion Ratio Lower Upper

65 100

67 51.9 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: VD071811.D

Acq: 27 Jan 2022 19:37

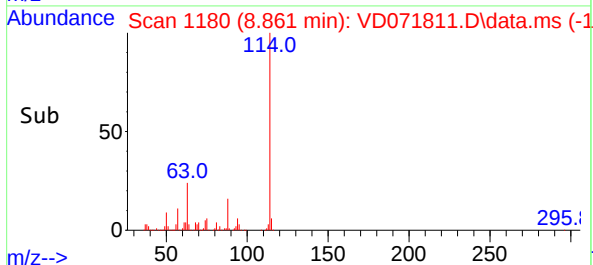
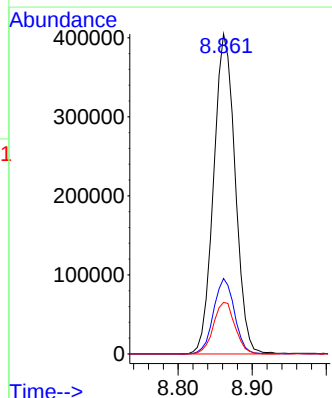
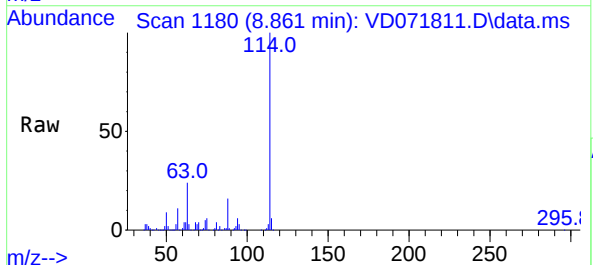
Tgt Ion:114 Resp: 816943

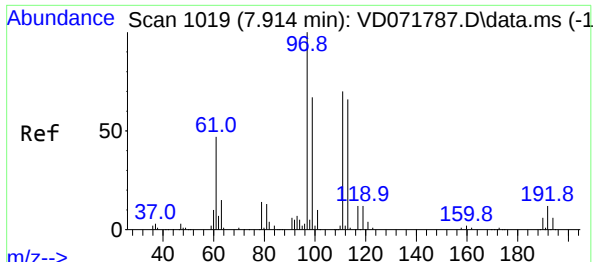
Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.6

88 16.1 0.0 33.2

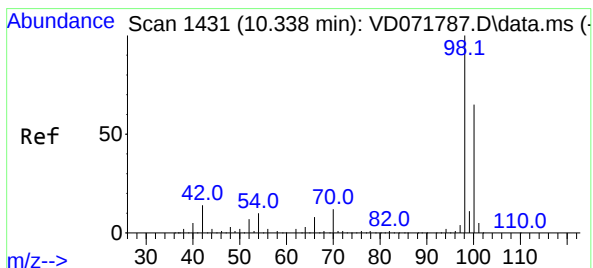
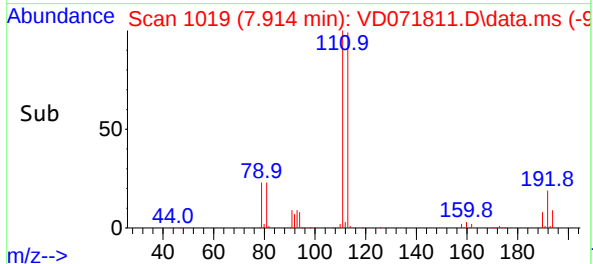
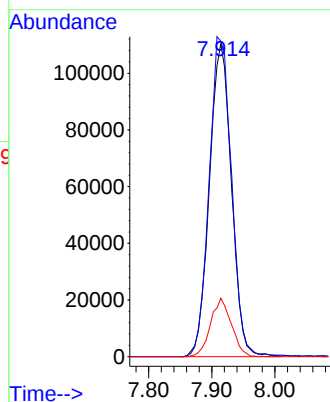
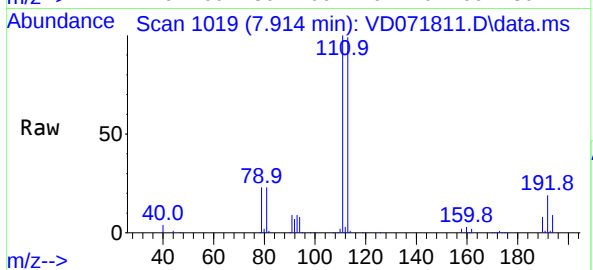




#35
Dibromofluoromethane
Concen: 49.880 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071811.D
Acq: 27 Jan 2022 19:37

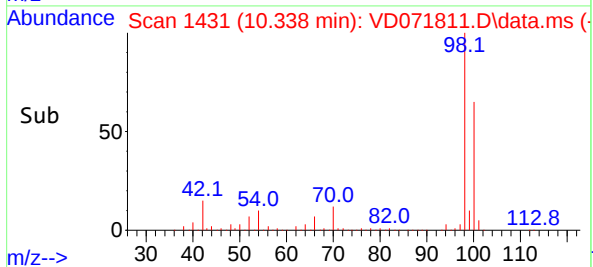
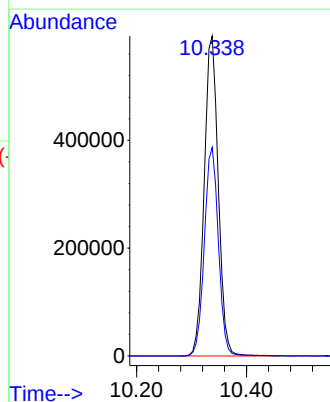
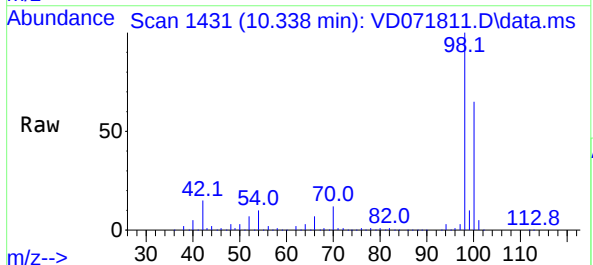
Instrument :
MSVOA_D
ClientSampleId :
MH-2S

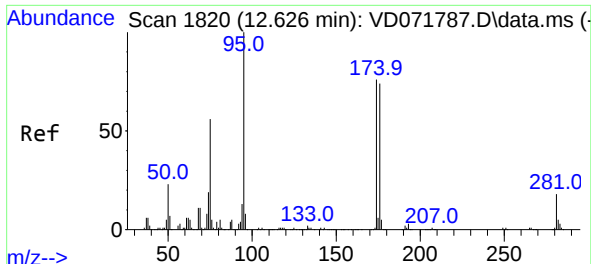
Tgt Ion:113 Resp: 267856
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 17.7 14.6 21.8



#50
Toluene-d8
Concen: 52.472 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071811.D
Acq: 27 Jan 2022 19:37

Tgt Ion: 98 Resp: 1052331
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6

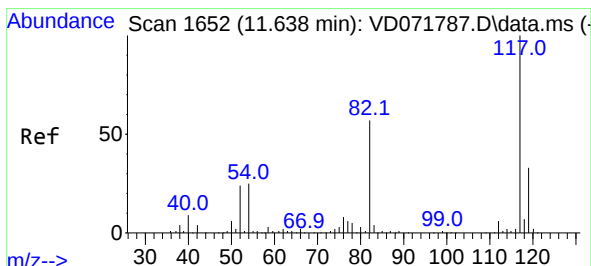
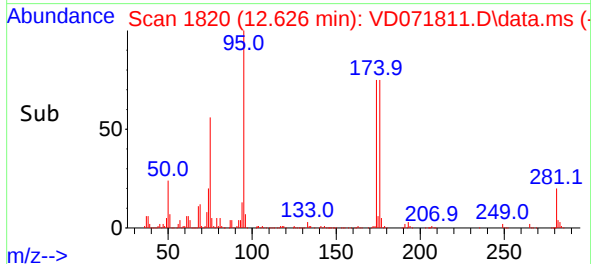
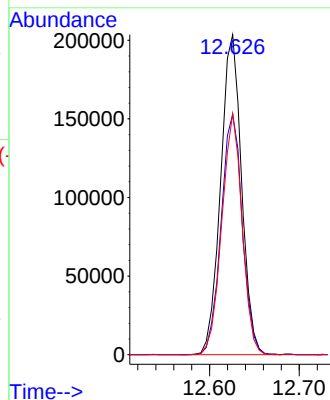
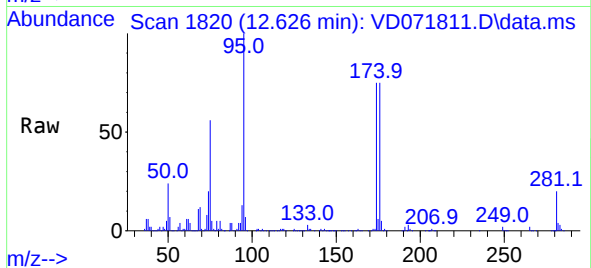




#62
4-Bromofluorobenzene
Concen: 47.034 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071811.D
Acq: 27 Jan 2022 19:37

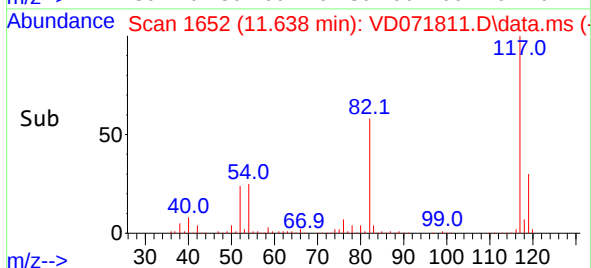
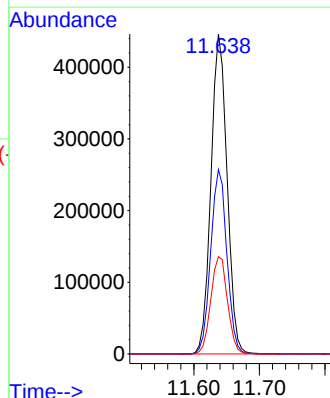
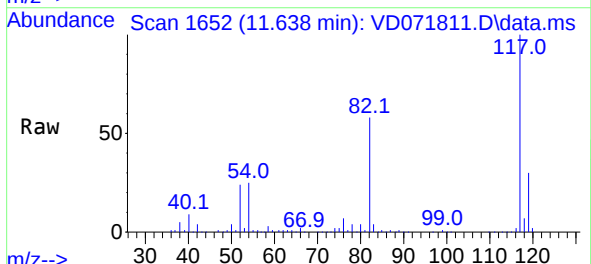
Instrument :
MSVOA_D
ClientSampleId :
MH-2S

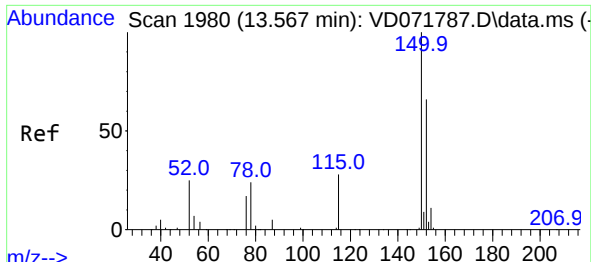
Tgt Ion: 95 Resp: 329401
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 72.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071811.D
Acq: 27 Jan 2022 19:37

Tgt Ion: 117 Resp: 760985
Ion Ratio Lower Upper
117 100
82 57.6 45.3 67.9
119 30.4 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 19

Delta R.T. -0.000 min

Lab File: VD071811.D

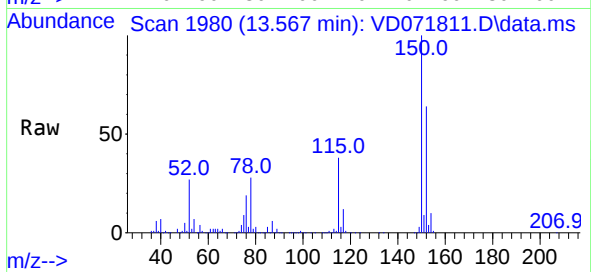
Acq: 27 Jan 2022 19:37

Instrument :

MSVOA_D

ClientSampleId :

MH-2S



Tgt Ion:152 Resp: 312374

Ion Ratio Lower Upper

152 100

115 61.3 31.3 93.8

150 157.0 0.0 348.6

