

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071819.D
 Acq On : 28 Jan 2022 12:57
 Operator : VA/SY
 Sample : N1319-01
 Misc : 9.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-1S

Quant Time: Jan 29 04:51:03 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)

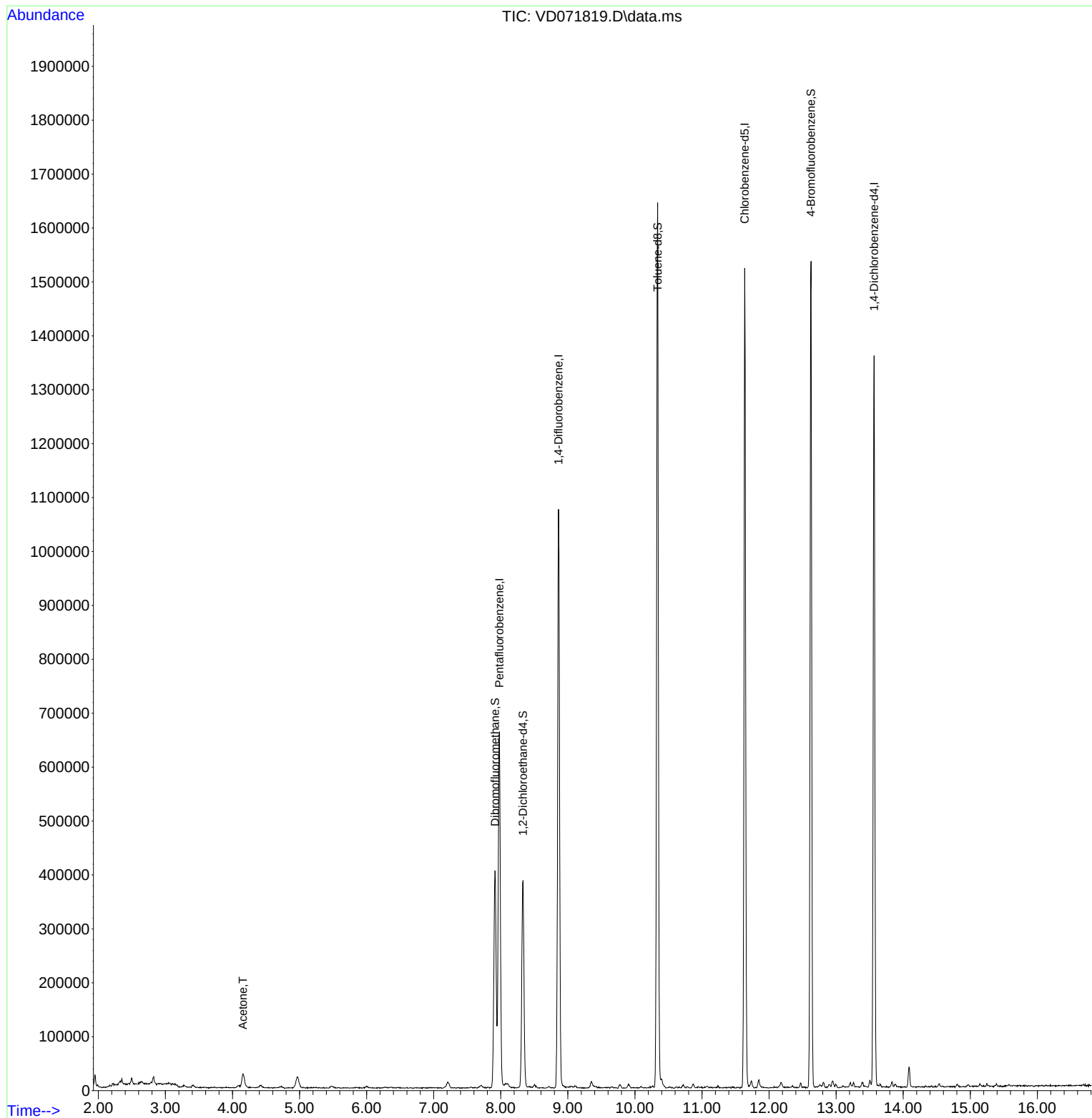
Internal Standards						
1) Pentafluorobenzene	7.979	168	447569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	862039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	786117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	335813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	316419	55.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.860%
35) Dibromofluoromethane	7.914	113	283137	49.967	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.940%
50) Toluene-d8	10.337	98	1078111	50.945	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.900%
62) 4-Bromofluorobenzene	12.625	95	360530	48.785	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.580%
Target Compounds					Qvalue	
16) Acetone	4.155	43	47314	30.554	ug/l	96

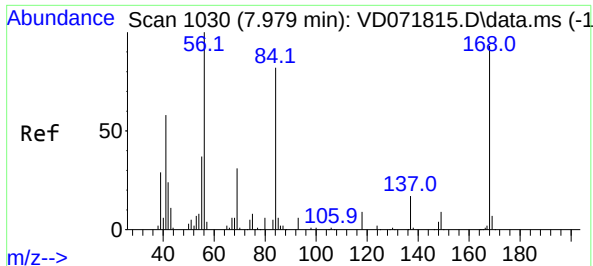
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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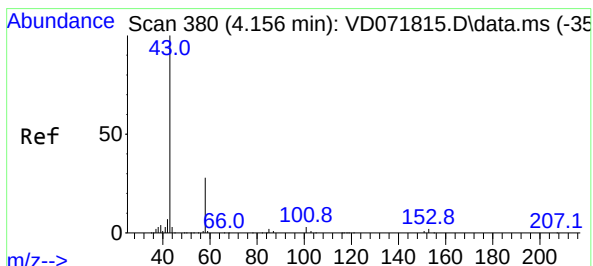
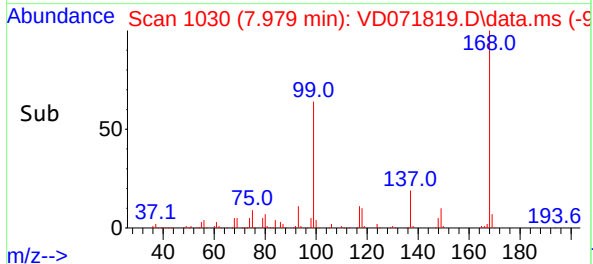
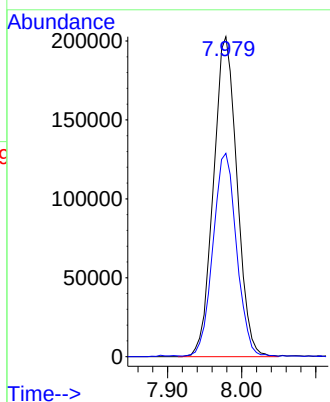
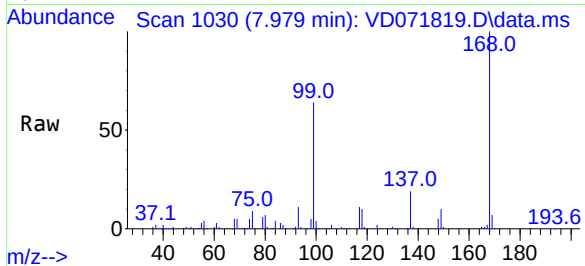




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071819.D
Acq: 28 Jan 2022 12:57

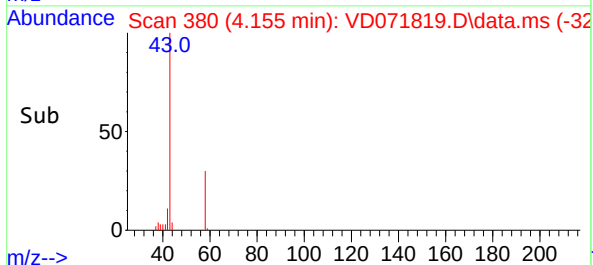
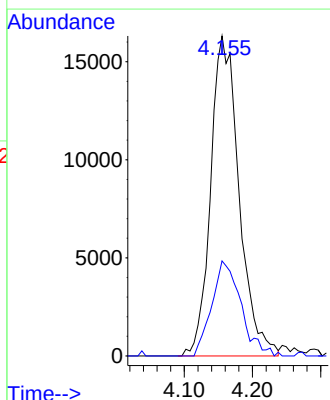
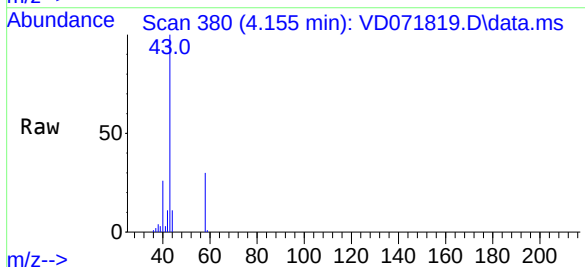
Instrument :
MSVOA_D
ClientSampleId :
MH-1S

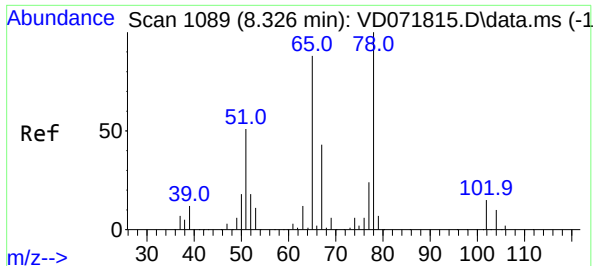
Tgt Ion:168 Resp: 447569
Ion Ratio Lower Upper
168 100
99 63.4 49.8 74.6



#16
Acetone
Concen: 30.554 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071819.D
Acq: 28 Jan 2022 12:57

Tgt Ion: 43 Resp: 47314
Ion Ratio Lower Upper
43 100
58 29.7 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 55.934 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.005 min

Lab File: VD071819.D

Acq: 28 Jan 2022 12:57

Instrument :

MSVOA_D

ClientSampleId :

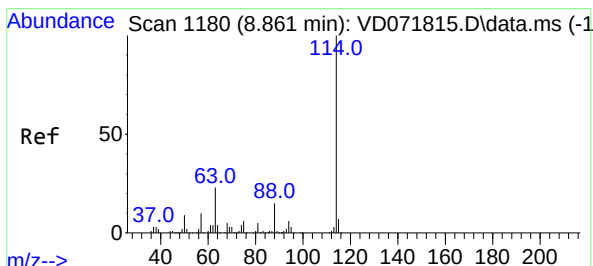
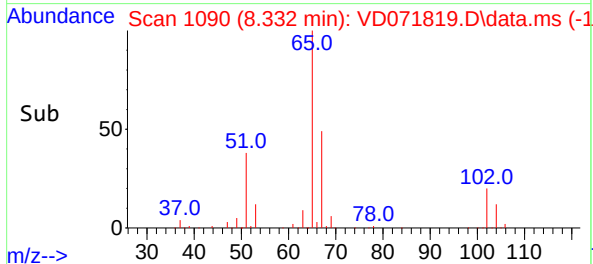
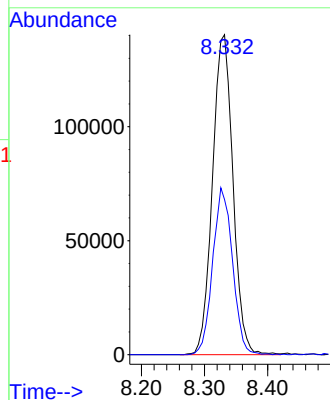
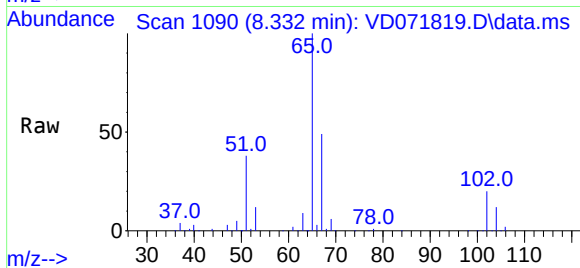
MH-1S

Tgt Ion: 65 Resp: 316419

Ion Ratio Lower Upper

65 100

67 50.5 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: VD071819.D

Acq: 28 Jan 2022 12:57

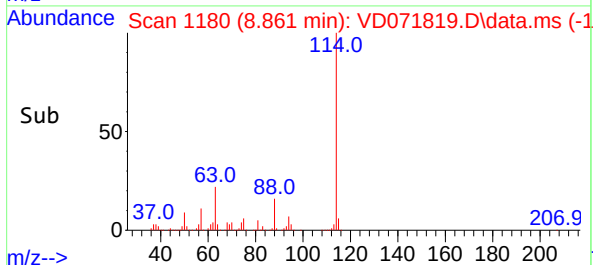
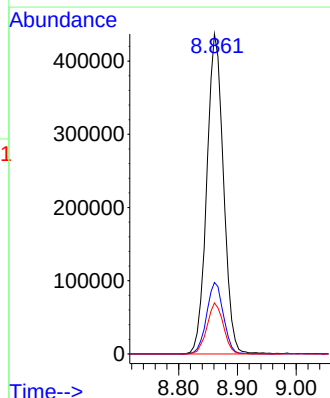
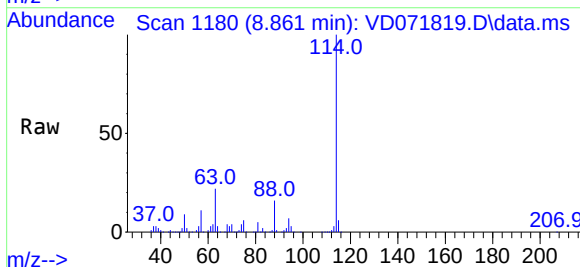
Tgt Ion: 114 Resp: 862039

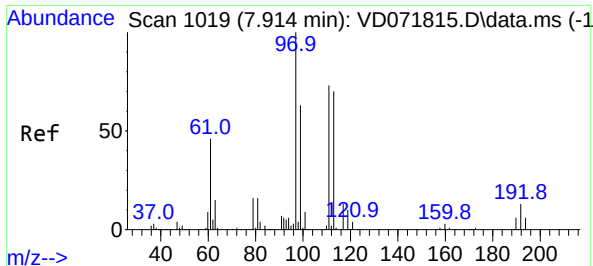
Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.6

88 15.9 0.0 33.2

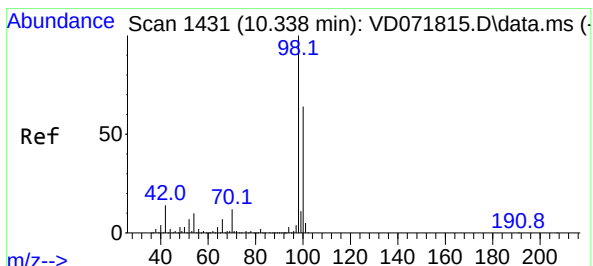
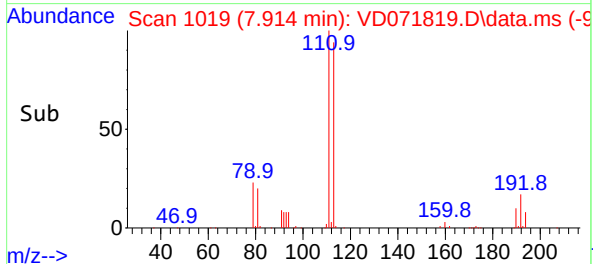
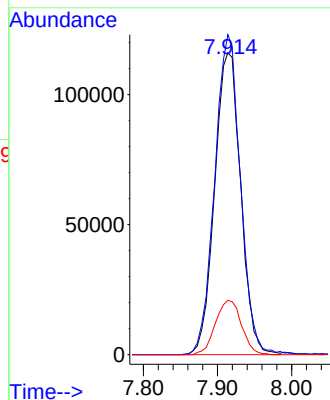
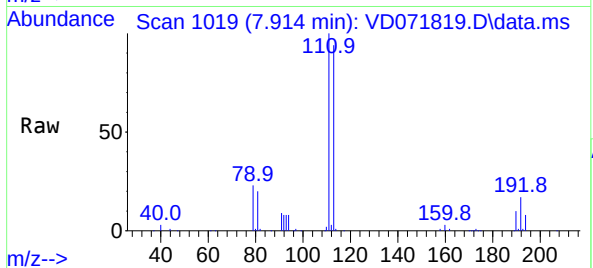




#35
Dibromofluoromethane
Concen: 49.967 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071819.D
Acq: 28 Jan 2022 12:57

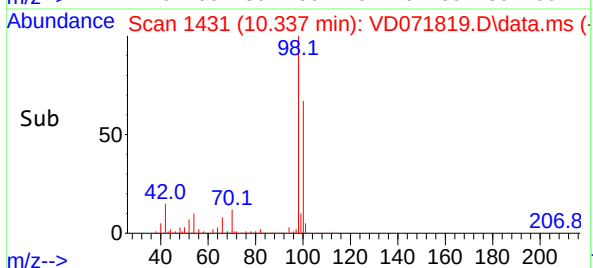
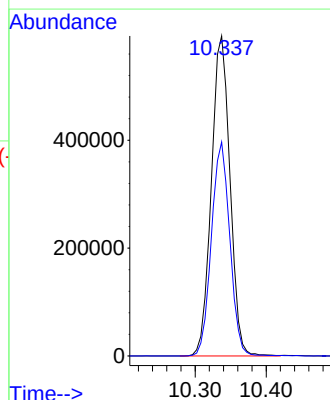
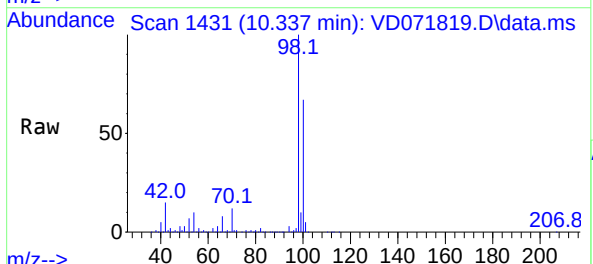
Instrument :
MSVOA_D
ClientSampleId :
MH-1S

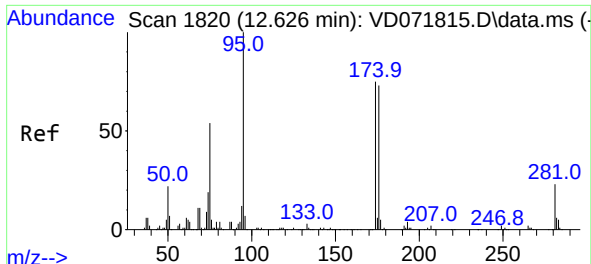
Tgt Ion:113 Resp: 283137
Ion Ratio Lower Upper
113 100
111 105.1 83.8 125.6
192 18.0 14.6 21.8



#50
Toluene-d8
Concen: 50.945 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071819.D
Acq: 28 Jan 2022 12:57

Tgt Ion: 98 Resp: 1078111
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6

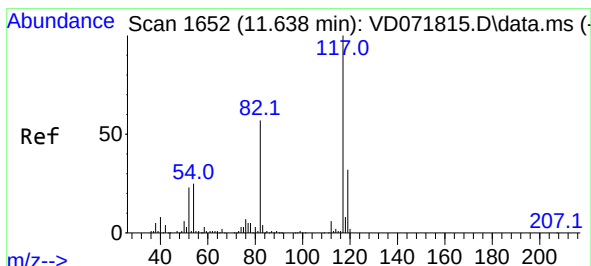
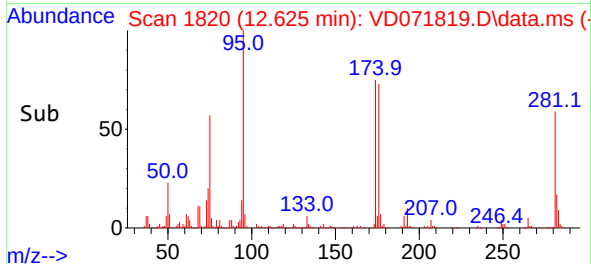
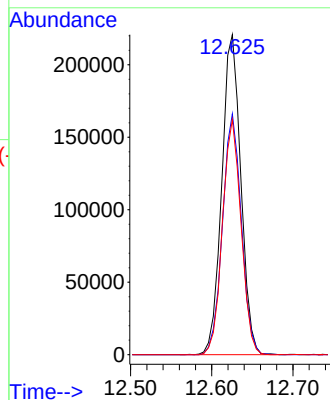
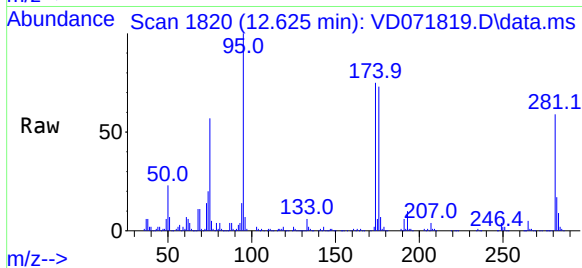




#62
4-Bromofluorobenzene
Concen: 48.785 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071819.D
Acq: 28 Jan 2022 12:57

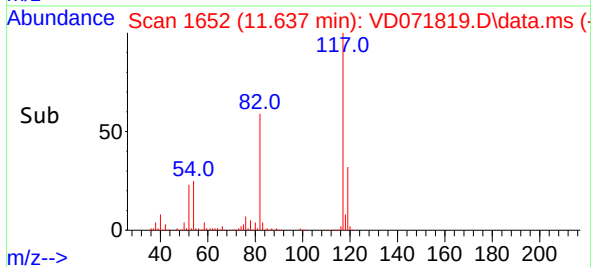
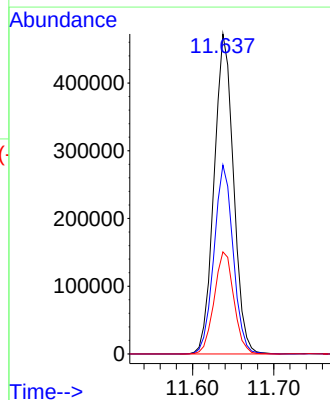
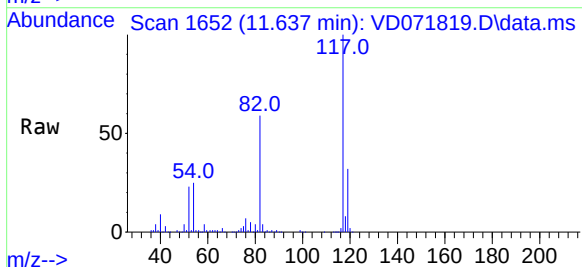
Instrument :
MSVOA_D
ClientSampleId :
MH-1S

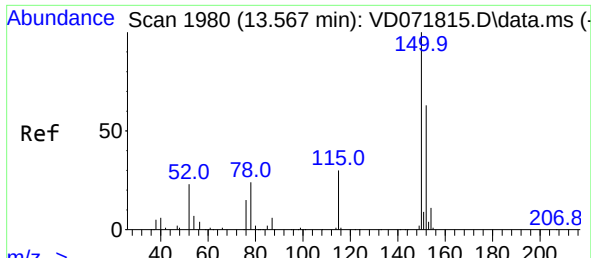
Tgt Ion: 95 Resp: 360530
Ion Ratio Lower Upper
95 100
174 74.3 0.0 152.8
176 71.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071819.D
Acq: 28 Jan 2022 12:57

Tgt Ion: 117 Resp: 786117
Ion Ratio Lower Upper
117 100
82 59.0 45.3 67.9
119 31.9 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD071819.D
 Acq: 28 Jan 2022 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-1S

Tgt Ion:152 Resp: 335813
 Ion Ratio Lower Upper
 152 100
 115 61.8 31.3 93.8
 150 158.8 0.0 348.6

