

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073116.D
 Acq On : 19 May 2022 00:51
 Operator : VA/SY
 Sample : N2832-11
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB13

Quant Time: May 19 04:51:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

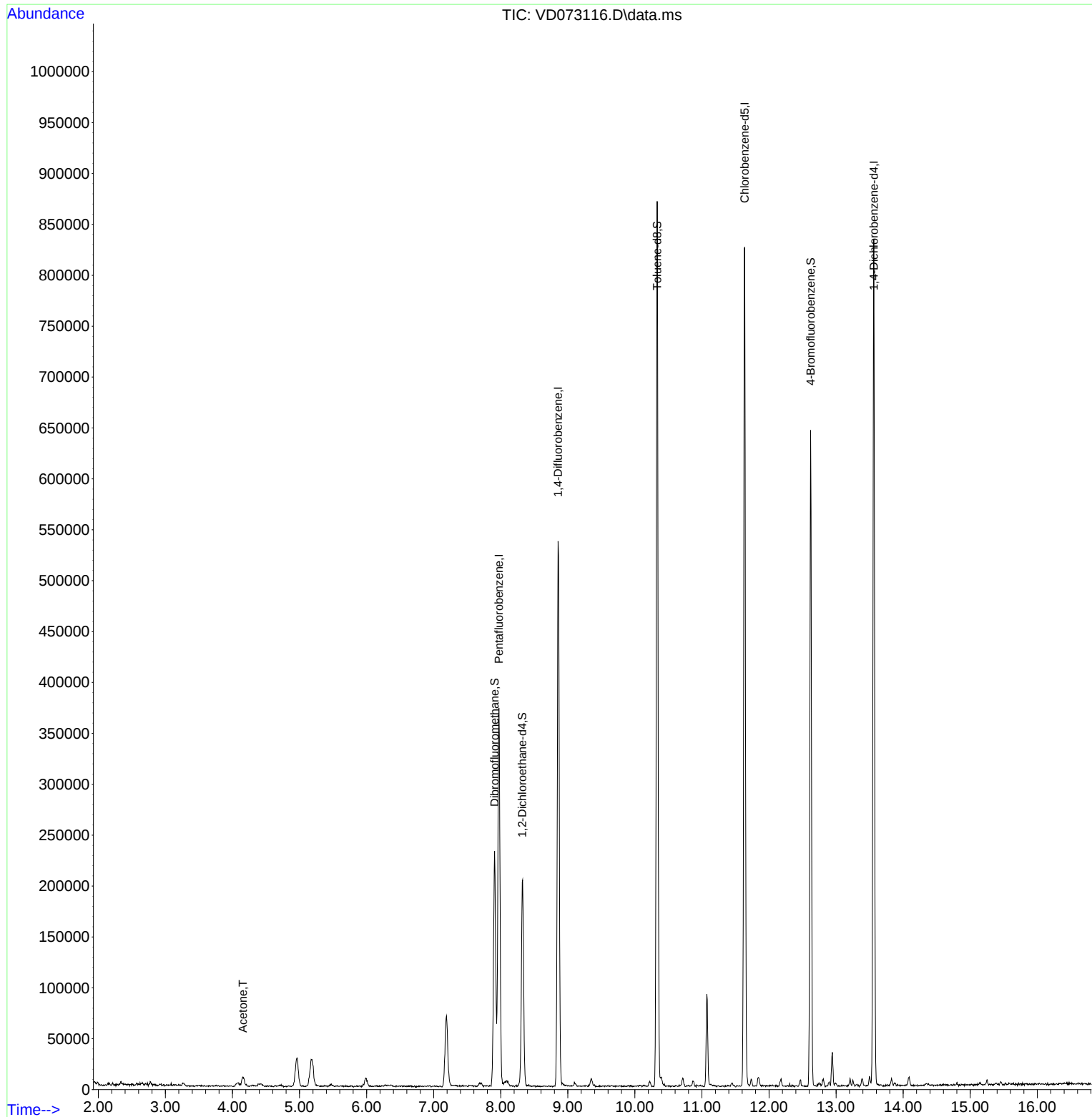
Internal Standards						
1) Pentafluorobenzene	7.973	168	260537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	460228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	483825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	216593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	158953	48.785	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.580%
35) Dibromofluoromethane	7.908	113	161222	49.894	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.780%
50) Toluene-d8	10.332	98	568816	48.523	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.620	95	210302	49.531	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.060%
Target Compounds						
16) Acetone	4.156	43	17501	29.682	ug/l	Qvalue 97

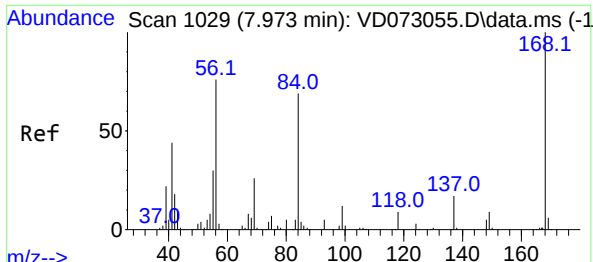
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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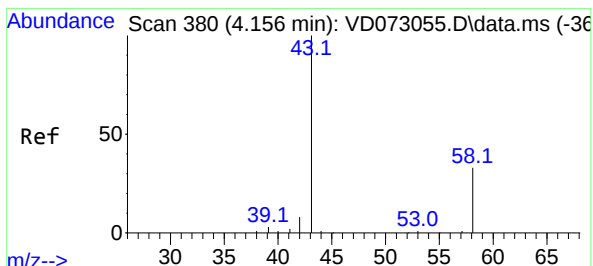
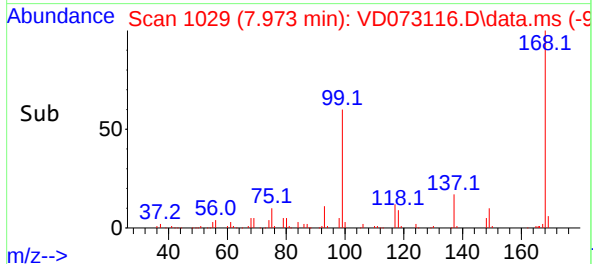
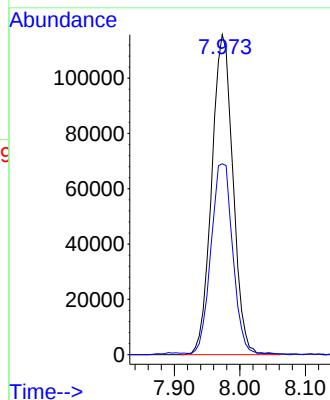
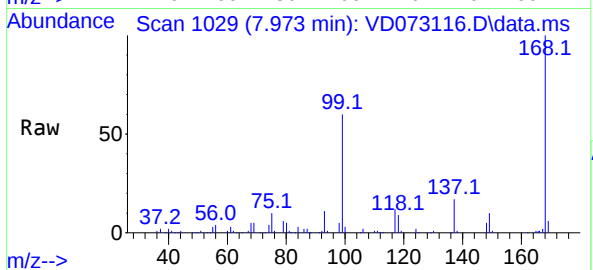




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073116.D
Acq: 19 May 2022 00:51

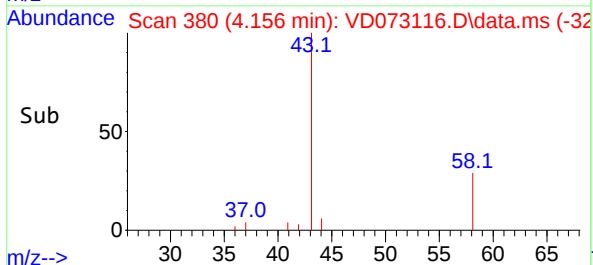
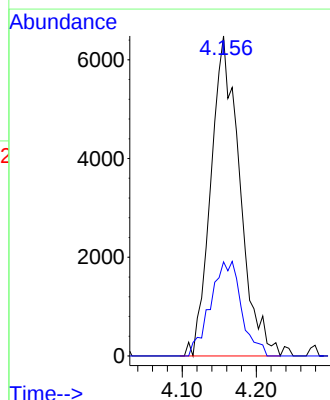
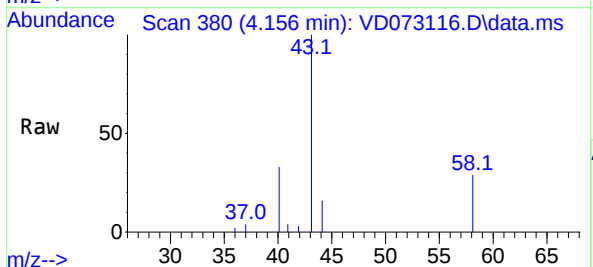
Instrument :
MSVOA_D
ClientSampleId :
SB13

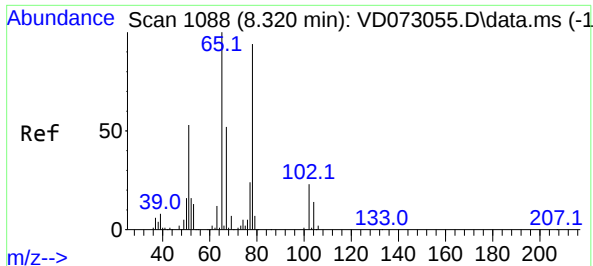
Tgt Ion:168 Resp: 260537
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#16
Acetone
Concen: 29.682 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073116.D
Acq: 19 May 2022 00:51

Tgt Ion: 43 Resp: 17501
Ion Ratio Lower Upper
43 100
58 29.4 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 48.785 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD073116.D

Acq: 19 May 2022 00:51

Instrument :

MSVOA_D

ClientSampleId :

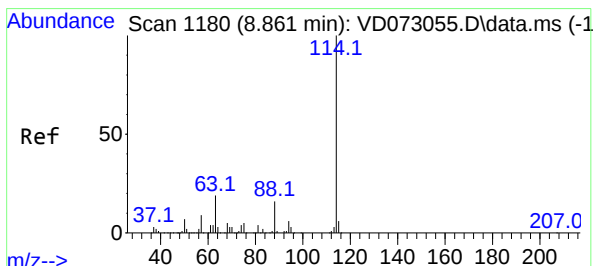
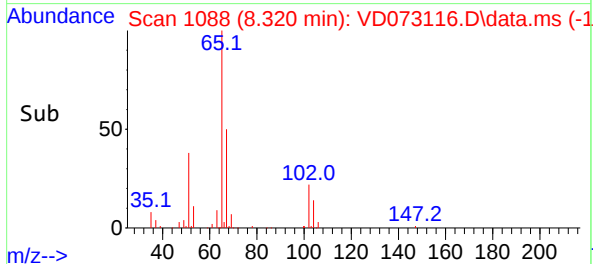
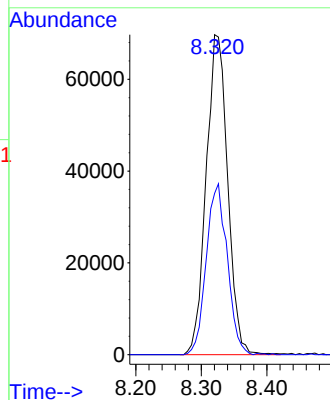
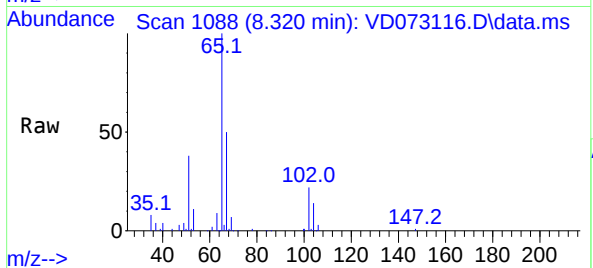
SB13

Tgt Ion: 65 Resp: 158953

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD073116.D

Acq: 19 May 2022 00:51

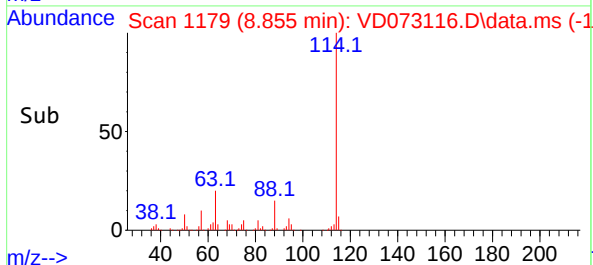
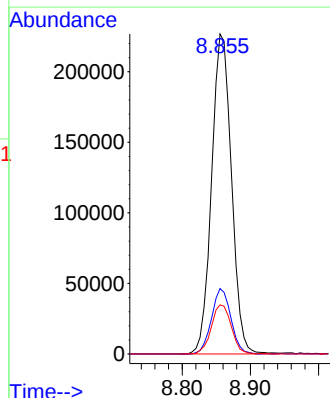
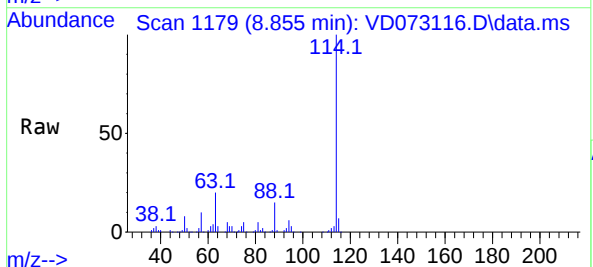
Tgt Ion: 114 Resp: 460228

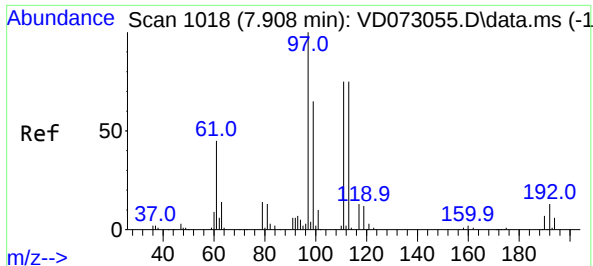
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.4 0.0 33.2

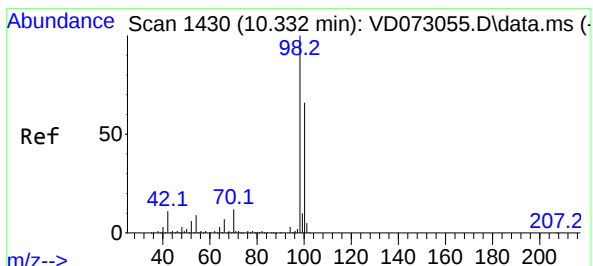
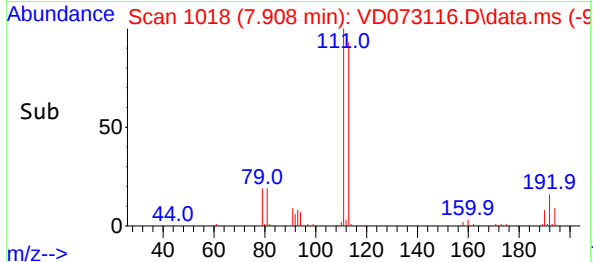
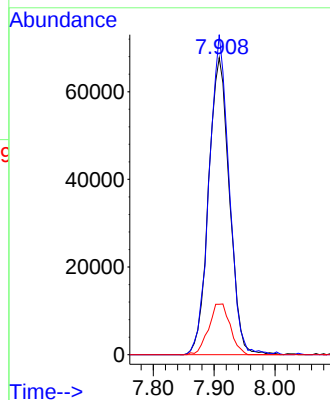
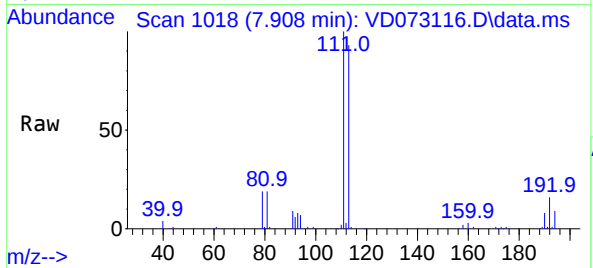




#35
Dibromofluoromethane
Concen: 49.894 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073116.D
Acq: 19 May 2022 00:51

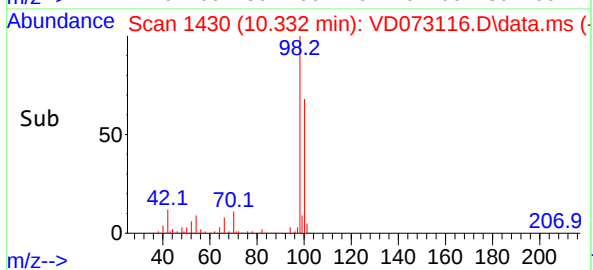
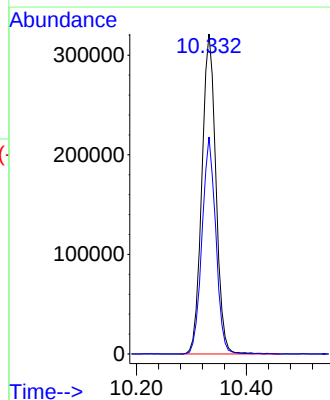
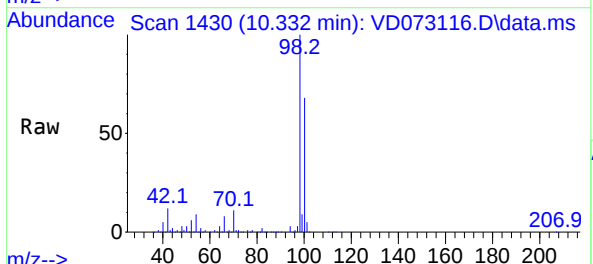
Instrument :
MSVOA_D
ClientSampleId :
SB13

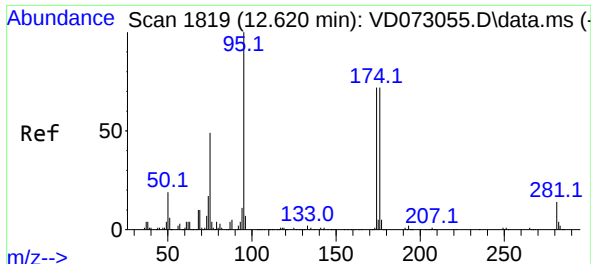
Tgt Ion:113 Resp: 161222
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.6 14.6 21.8



#50
Toluene-d8
Concen: 48.523 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073116.D
Acq: 19 May 2022 00:51

Tgt Ion: 98 Resp: 568816
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

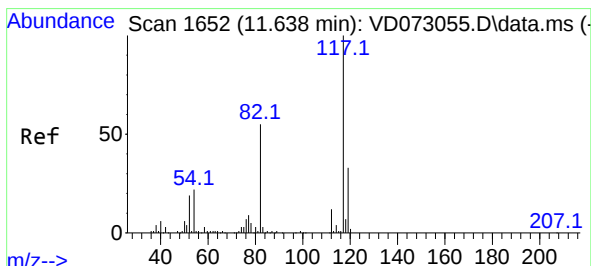
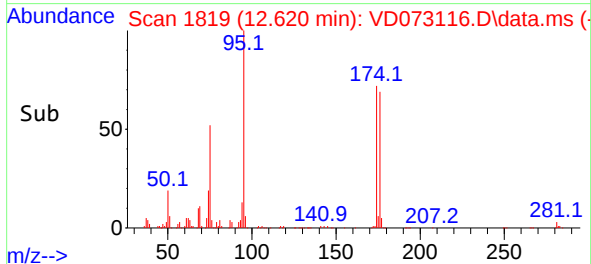
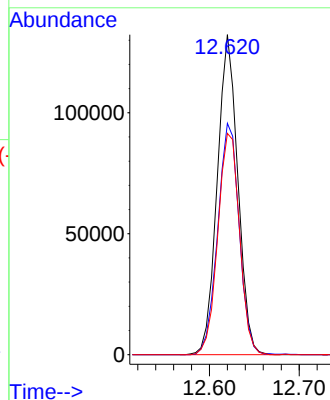
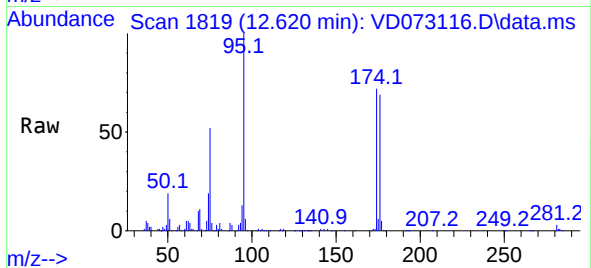




#62
4-Bromofluorobenzene
Concen: 49.531 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073116.D
Acq: 19 May 2022 00:51

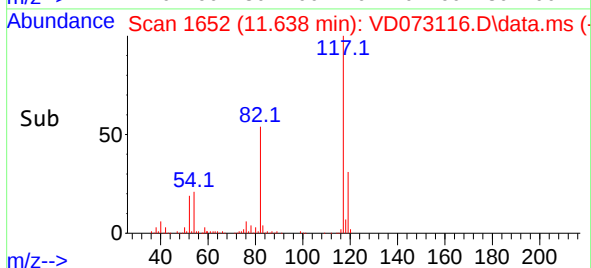
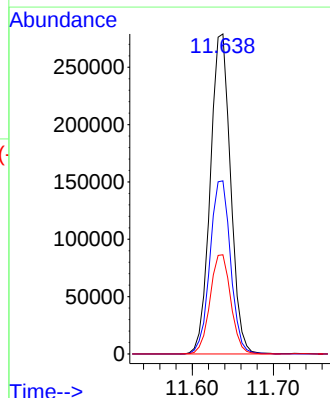
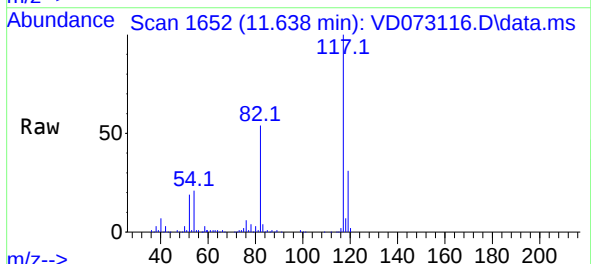
Instrument :
MSVOA_D
ClientSampleId :
SB13

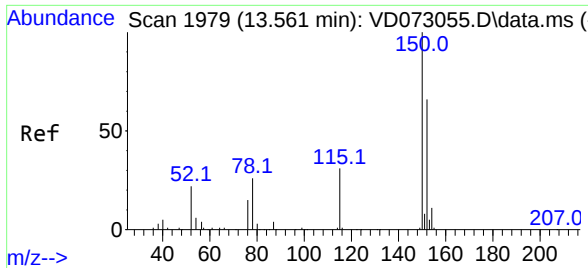
Tgt Ion: 95 Resp: 210302
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 72.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073116.D
Acq: 19 May 2022 00:51

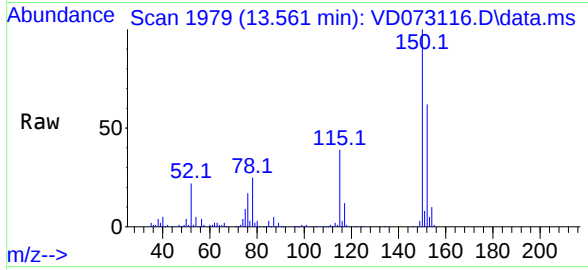
Tgt Ion: 117 Resp: 483825
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 31.0 26.6 40.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073116.D
Acq: 19 May 2022 00:51

Instrument :
MSVOA_D
ClientSampleId :
SB13



Tgt Ion:152 Resp: 216593
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 157.7 0.0 348.6

