

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072293.D
 Acq On : 18 Mar 2022 16:45
 Operator : VA/SY
 Sample : N1994-04RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-02-4.5-5.0RE

Quant Time: Mar 19 05:25:56 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	13362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	19937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	22692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	11617	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	9363	62.876	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.760%
35) Dibromofluoromethane	7.909	113	9284	66.173	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.340%
50) Toluene-d8	10.332	98	24624	48.000	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.000%
62) 4-Bromofluorobenzene	12.620	95	10090	50.620	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.240%

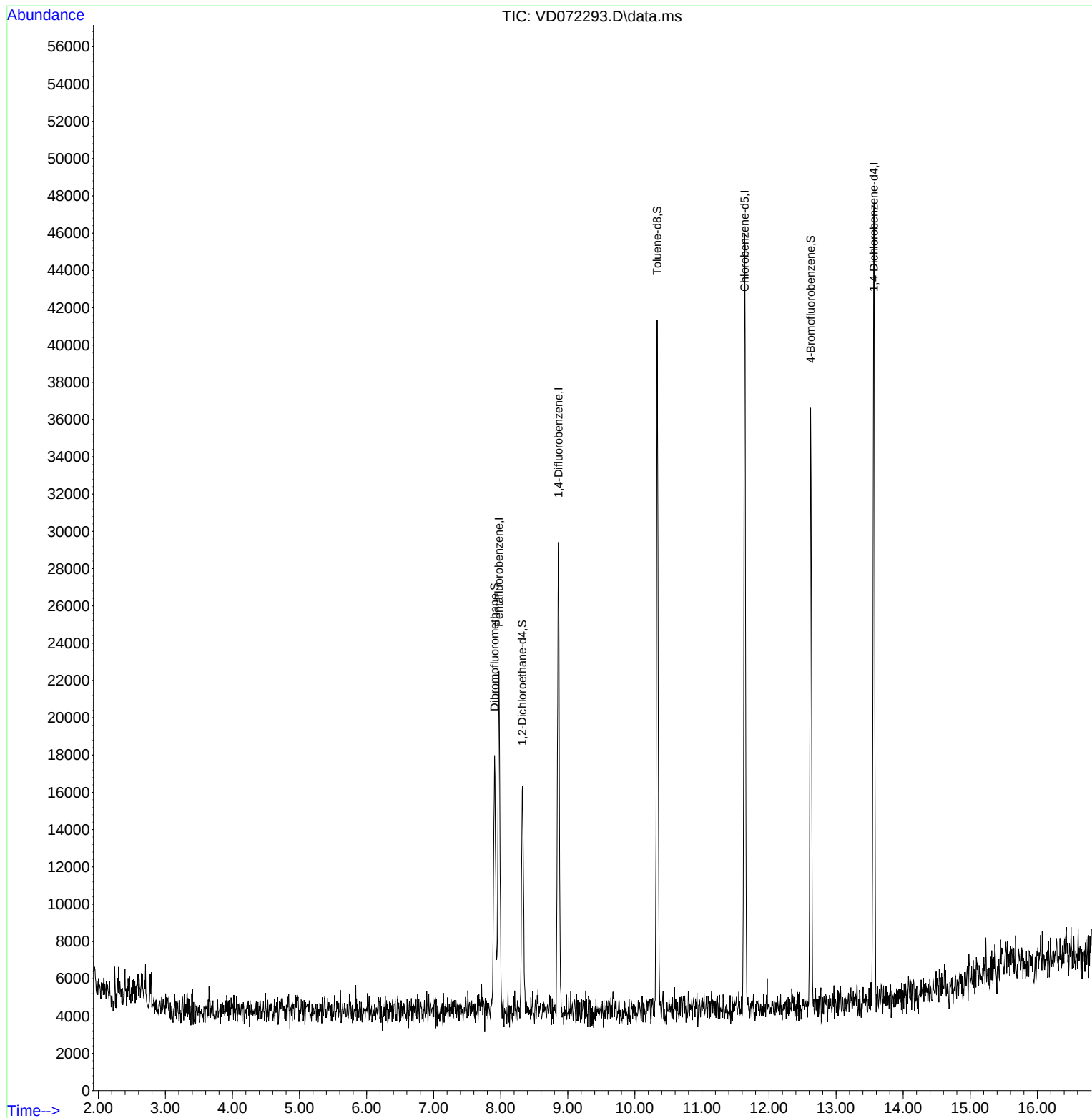
Target Compounds	Qvalue

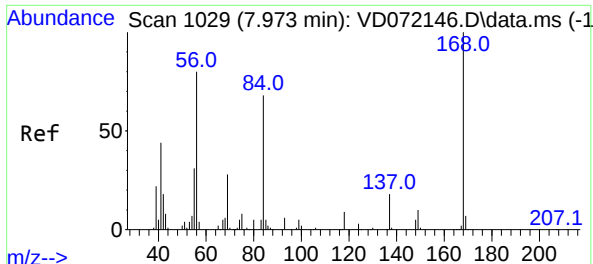
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
Data File : VD072293.D
Acq On : 18 Mar 2022 16:45
Operator : VA/SY
Sample : N1994-04RE
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-02-4.5-5.0RE

Quant Time: Mar 19 05:25:56 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

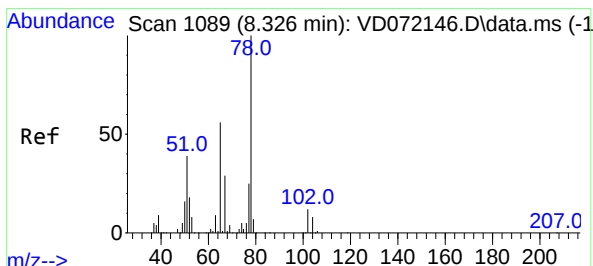
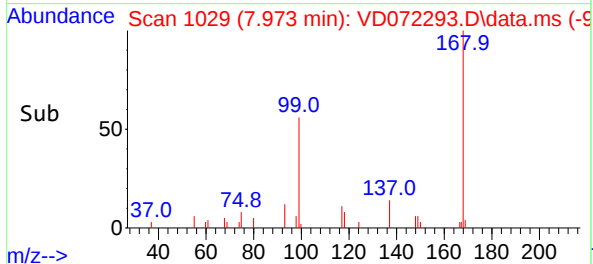
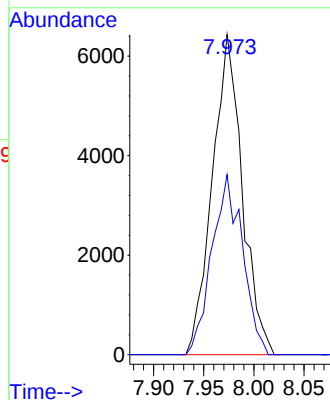
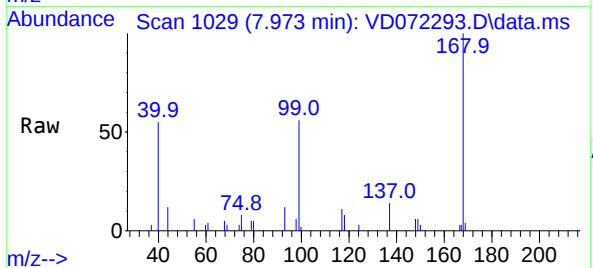




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072293.D
Acq: 18 Mar 2022 16:45

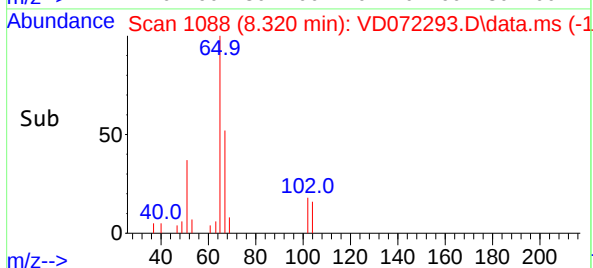
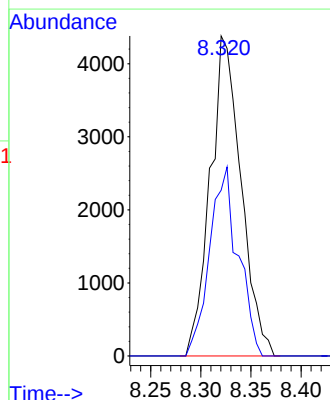
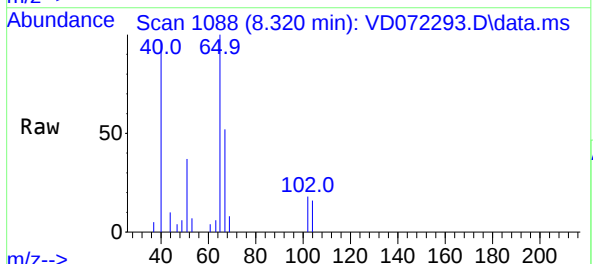
Instrument :
MSVOA_D
ClientSampleId :
SB-02-4.5-5.0RE

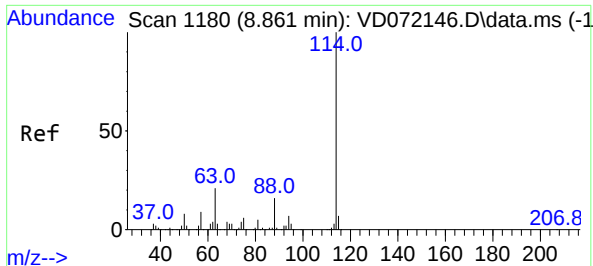
Tgt Ion:168 Resp: 13362
Ion Ratio Lower Upper
168 100
99 56.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 62.876 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072293.D
Acq: 18 Mar 2022 16:45

Tgt Ion: 65 Resp: 9363
Ion Ratio Lower Upper
65 100
67 54.7 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: VD072293.D

Acq: 18 Mar 2022 16:45

Instrument :

MSVOA_D

ClientSampleId :

SB-02-4.5-5.0RE

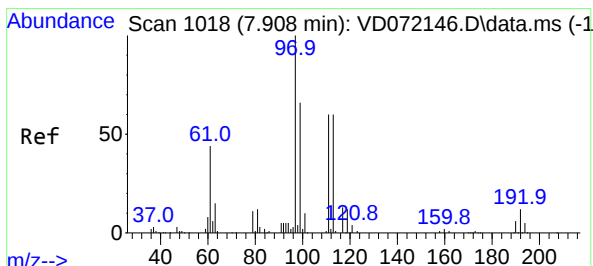
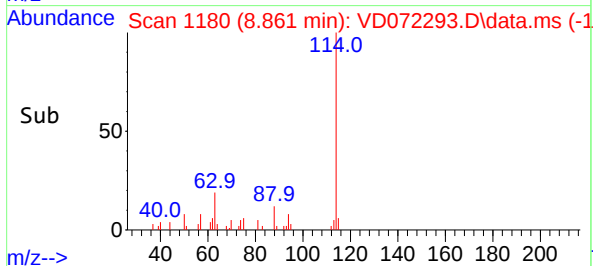
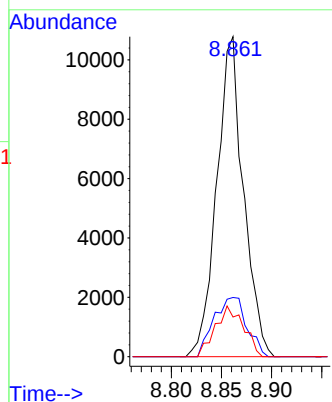
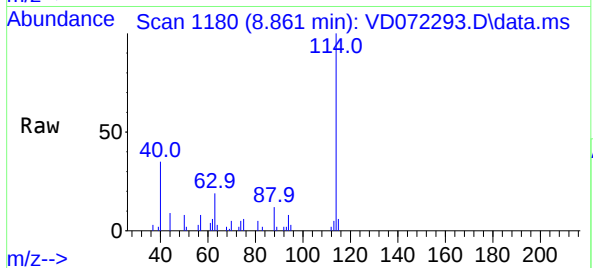
Tgt Ion:114 Resp: 19937

Ion Ratio Lower Upper

114 100

63 18.5 0.0 46.6

88 12.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 66.173 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072293.D

Acq: 18 Mar 2022 16:45

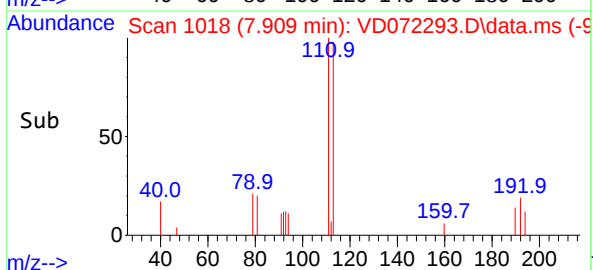
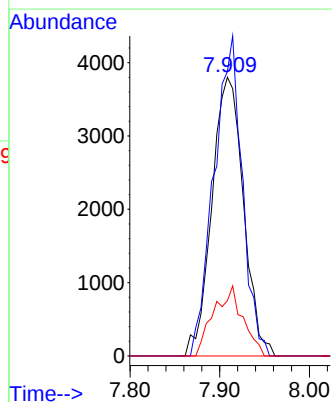
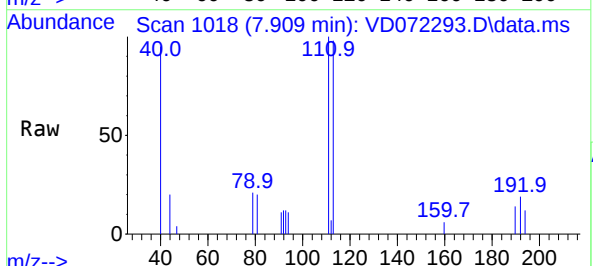
Tgt Ion:113 Resp: 9284

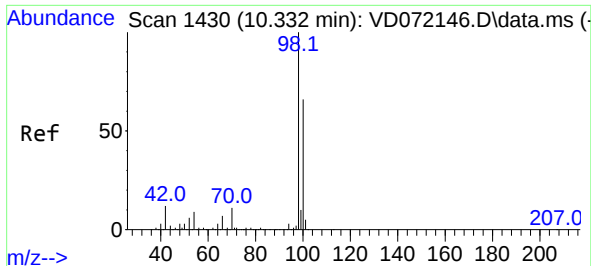
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 23.2 14.6 21.8#

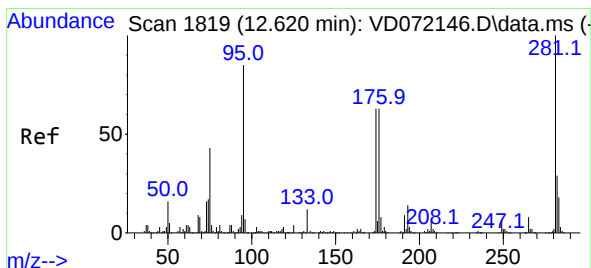
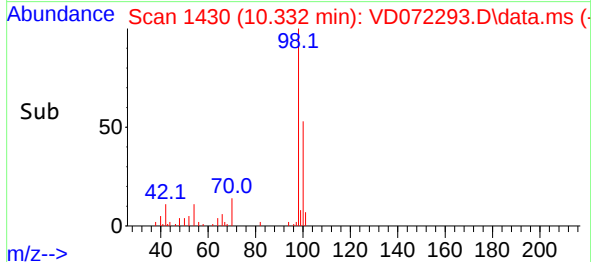
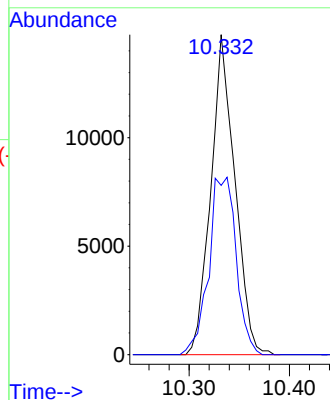
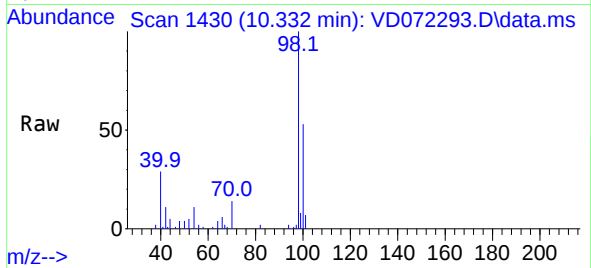




#50
Toluene-d8
Concen: 48.000 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072293.D
Acq: 18 Mar 2022 16:45

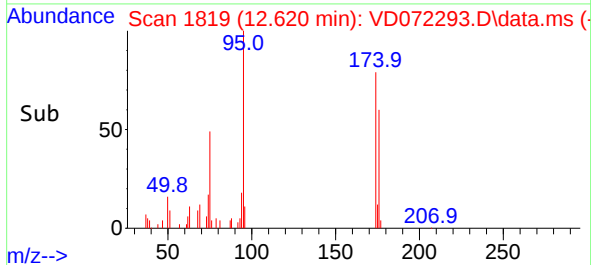
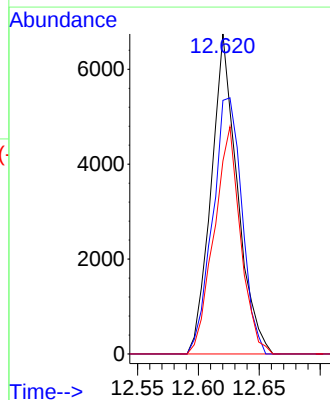
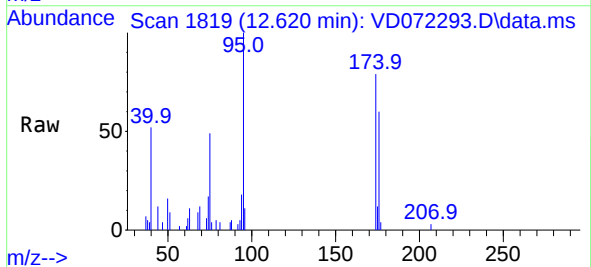
Instrument :
MSVOA_D
ClientSampleId :
SB-02-4.5-5.0RE

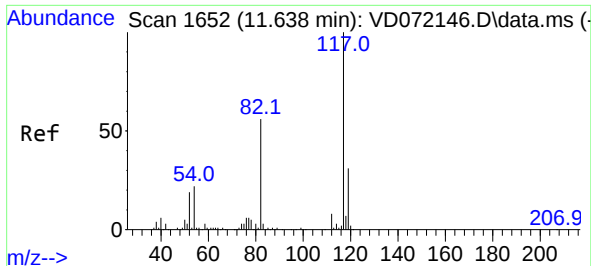
Tgt Ion: 98 Resp: 24624
Ion Ratio Lower Upper
98 100
100 63.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.620 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072293.D
Acq: 18 Mar 2022 16:45

Tgt Ion: 95 Resp: 10090
Ion Ratio Lower Upper
95 100
174 89.6 0.0 152.8
176 71.9 0.0 145.4

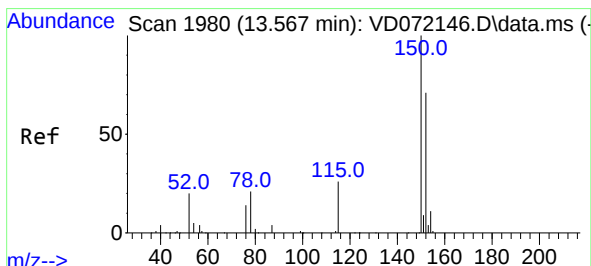
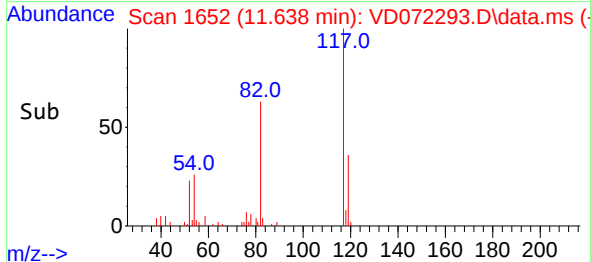
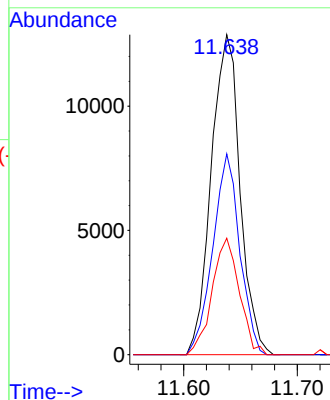
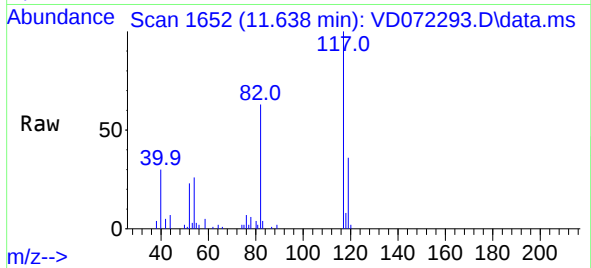




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072293.D
Acq: 18 Mar 2022 16:45

Instrument :
MSVOA_D
ClientSampleId :
SB-02-4.5-5.0RE

Tgt Ion:	117	Resp:	22692
Ion	Ratio	Lower	Upper
117	100		
82	62.8	45.3	67.9
119	36.4	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072293.D
Acq: 18 Mar 2022 16:45

Tgt Ion:	152	Resp:	11617
Ion	Ratio	Lower	Upper
152	100		
115	63.6	31.3	93.8
150	152.5	0.0	348.6

