

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072677.D
 Acq On : 21 Apr 2022 18:11
 Operator : VA/SY
 Sample : N2525-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-042122

Quant Time: Apr 22 03:42:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

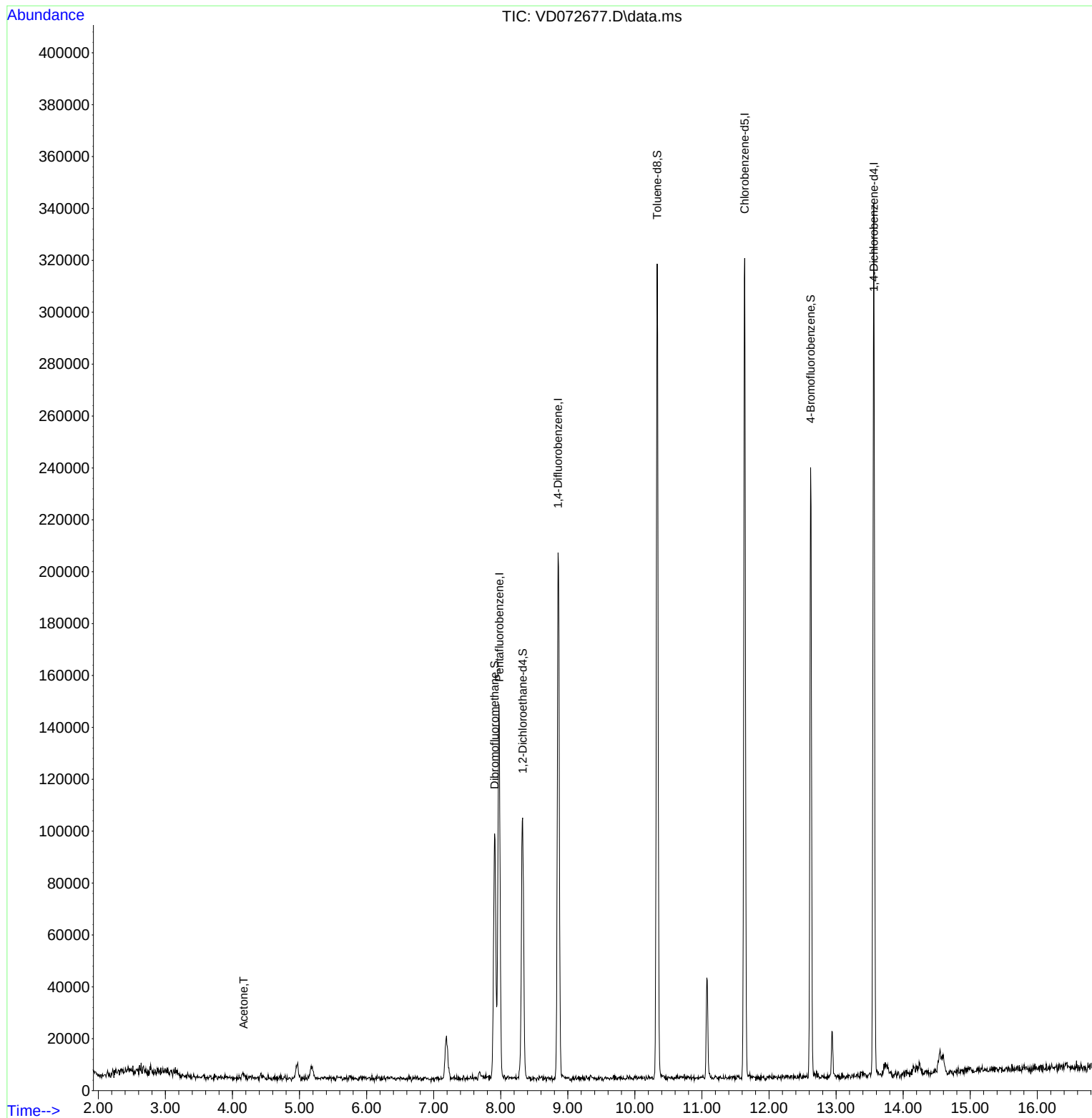
Internal Standards						
1) Pentafluorobenzene	7.979	168	103367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	175856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	188915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	87331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	86365	69.069	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.140%
35) Dibromofluoromethane	7.909	113	69294	50.704	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.400%
50) Toluene-d8	10.332	98	217286	45.739	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.480%
62) 4-Bromofluorobenzene	12.620	95	79106	42.638	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.280%
Target Compounds						
16) Acetone	4.168	43	3860	16.555	ug/l	Qvalue 90

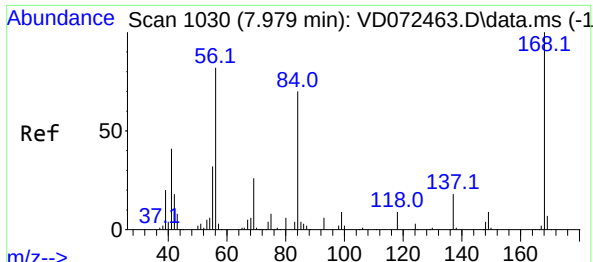
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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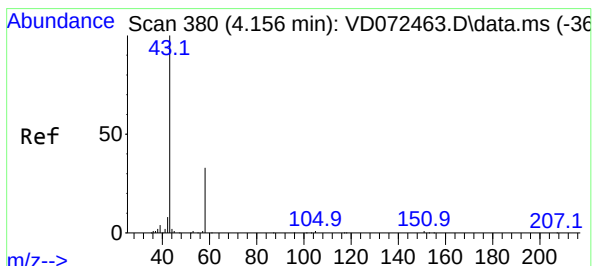
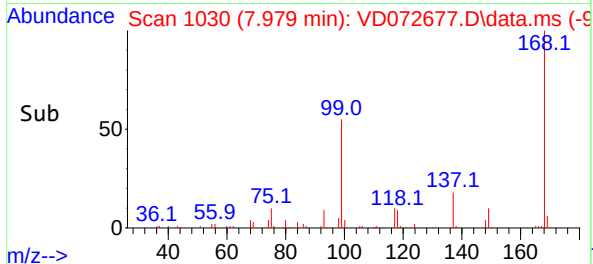
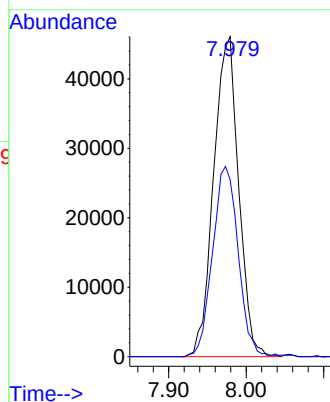
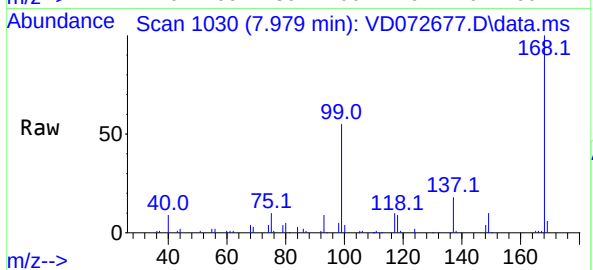




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072677.D
Acq: 21 Apr 2022 18:11

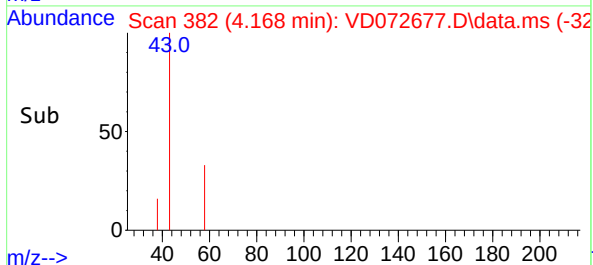
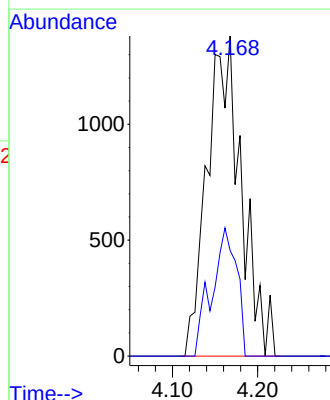
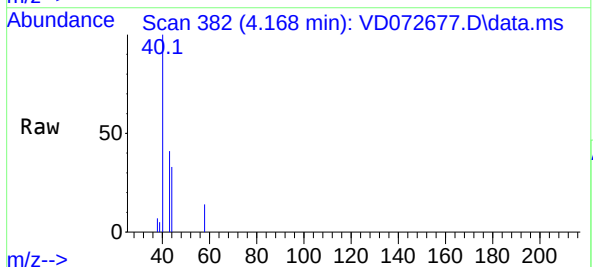
Instrument :
MSVOA_D
ClientSampleId :
HR-01-042122

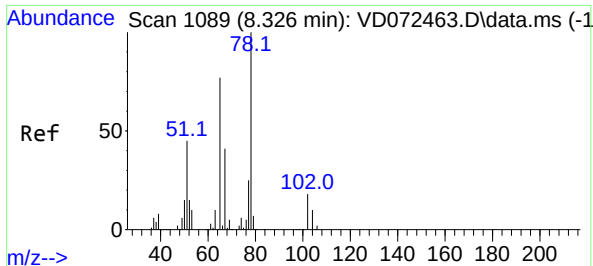
Tgt Ion:168 Resp: 103367
Ion Ratio Lower Upper
168 100
99 55.3 49.8 74.6



#16
Acetone
Concen: 16.555 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072677.D
Acq: 21 Apr 2022 18:11

Tgt Ion: 43 Resp: 3860
Ion Ratio Lower Upper
43 100
58 32.9 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 69.069 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072677.D

Acq: 21 Apr 2022 18:11

Instrument :

MSVOA_D

ClientSampleId :

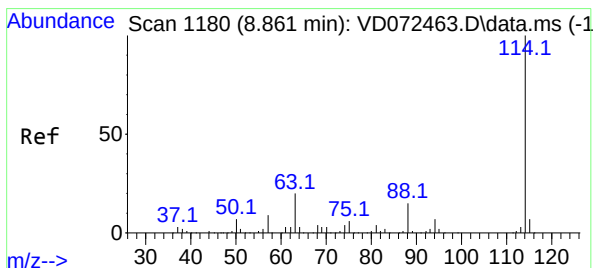
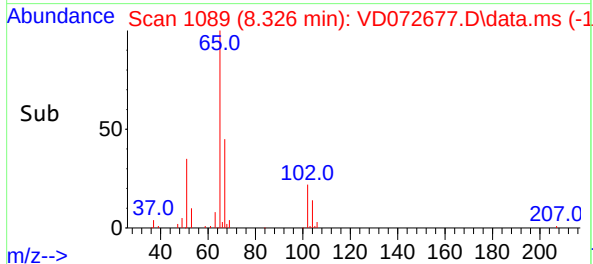
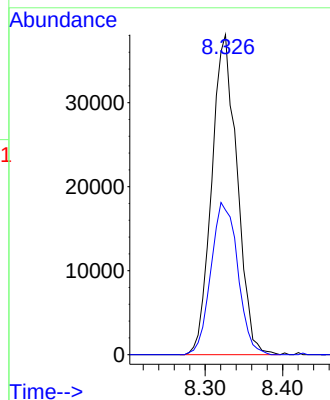
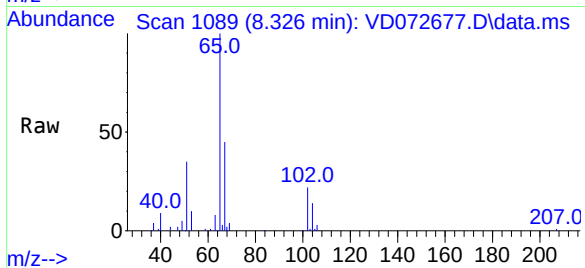
HR-01-042122

Tgt Ion: 65 Resp: 86365

Ion Ratio Lower Upper

65 100

67 50.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072677.D

Acq: 21 Apr 2022 18:11

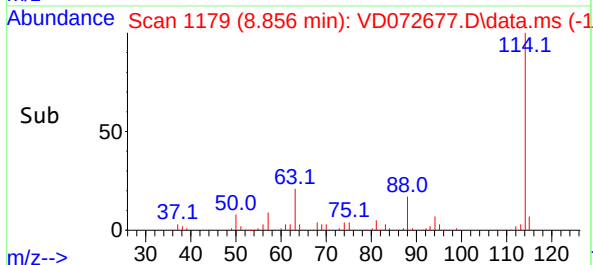
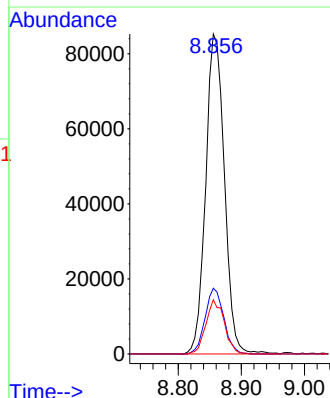
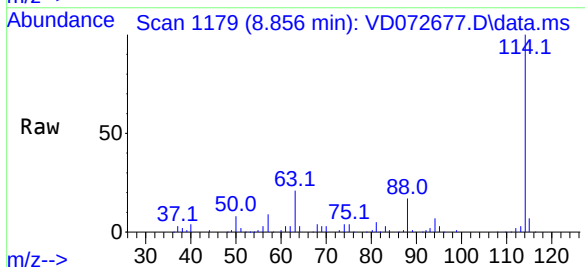
Tgt Ion: 114 Resp: 175856

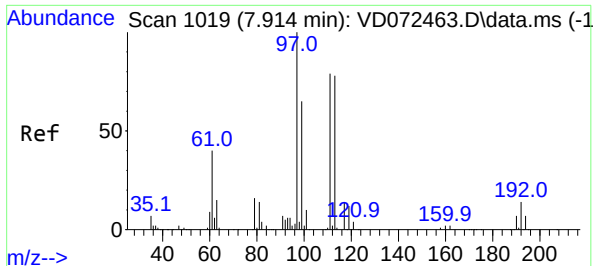
Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 17.0 0.0 33.2

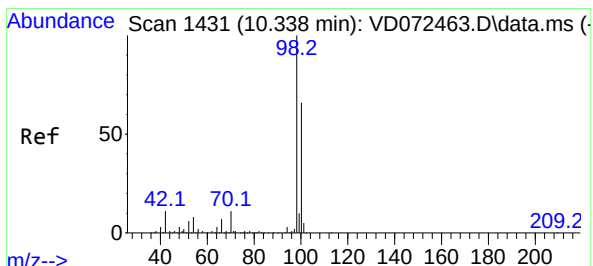
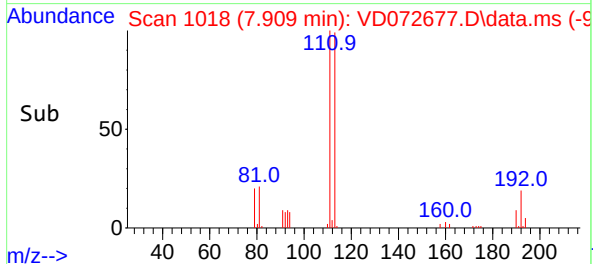
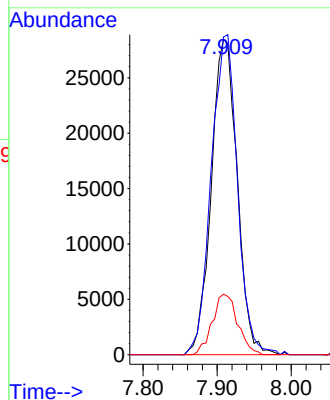
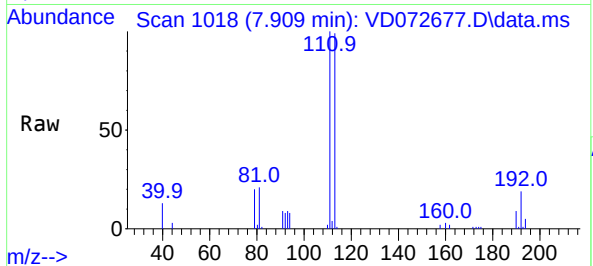




#35
Dibromofluoromethane
Concen: 50.704 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072677.D
Acq: 21 Apr 2022 18:11

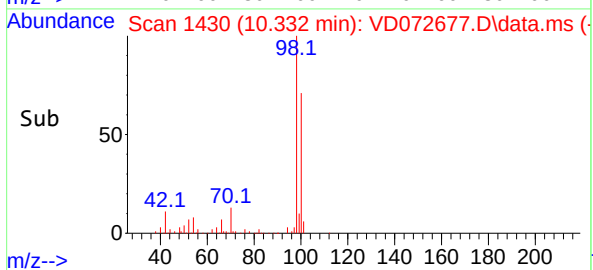
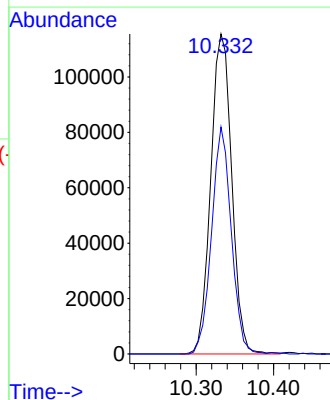
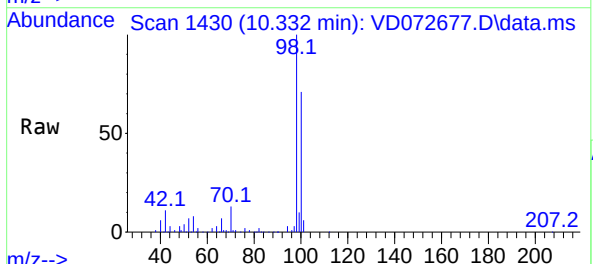
Instrument :
MSVOA_D
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HR-01-042122

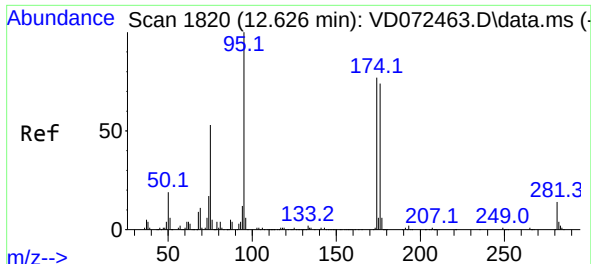
Tgt Ion:113 Resp: 69294
Ion Ratio Lower Upper
113 100
111 102.3 83.8 125.6
192 18.7 14.6 21.8



#50
Toluene-d8
Concen: 45.739 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072677.D
Acq: 21 Apr 2022 18:11

Tgt Ion: 98 Resp: 217286
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6

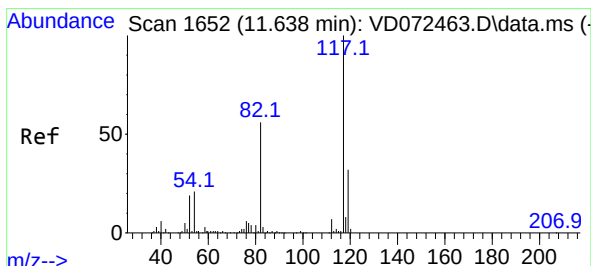
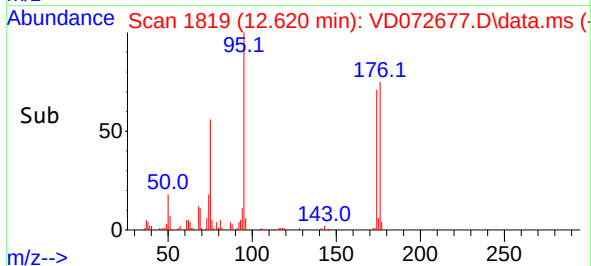
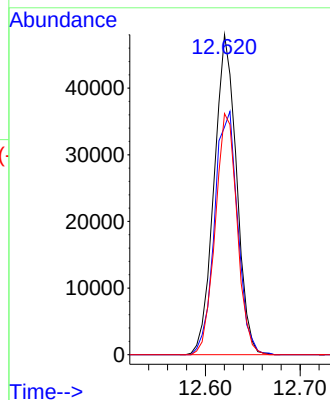
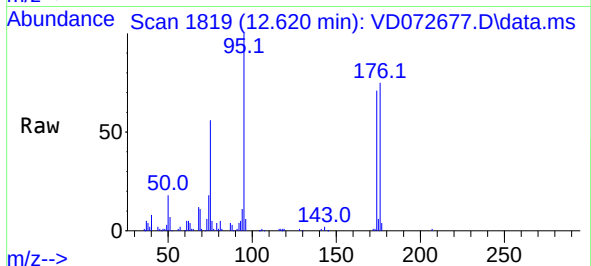




#62
4-Bromofluorobenzene
Concen: 42.638 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072677.D
Acq: 21 Apr 2022 18:11

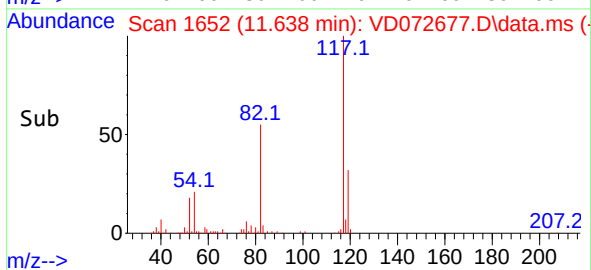
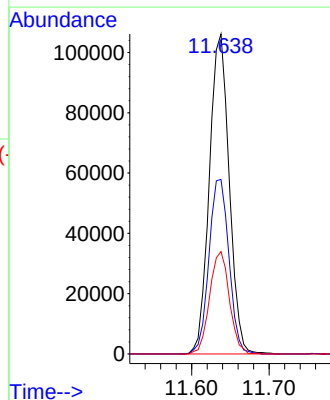
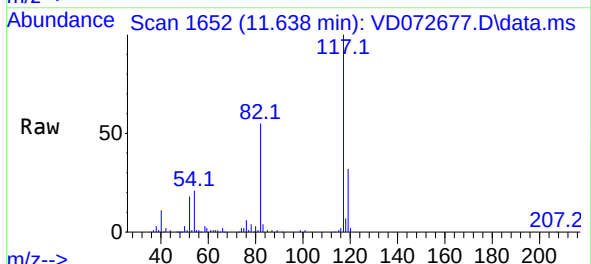
Instrument :
MSVOA_D
ClientSampleId :
HR-01-042122

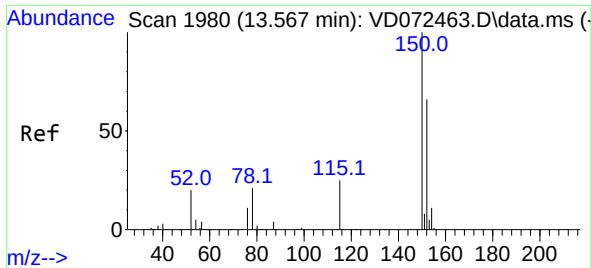
Tgt Ion:	95	Resp:	79106
Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	152.8
176	73.5	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072677.D
Acq: 21 Apr 2022 18:11

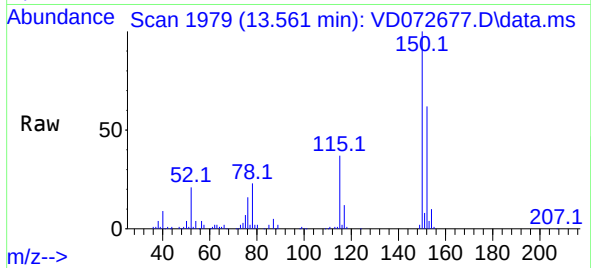
Tgt Ion:	117	Resp:	188915
Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.3	67.9
119	32.0	26.6	40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072677.D
 Acq: 21 Apr 2022 18:11

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-042122



Tgt Ion:152 Resp: 87331

Ion	Ratio	Lower	Upper
152	100		
115	60.0	31.3	93.8
150	161.5	0.0	348.6

