

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072290.D
 Acq On : 18 Mar 2022 15:19
 Operator : VA/SY
 Sample : N1995-04RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-4.5-5.0RE

Quant Time: Mar 19 05:24:46 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	14370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	22787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	25934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	11611	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	11874	74.145	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.300%
35) Dibromofluoromethane	7.903	113	10237	63.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.680%
50) Toluene-d8	10.332	98	26166	44.626	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.260%
62) 4-Bromofluorobenzene	12.620	95	10786	47.344	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.680%

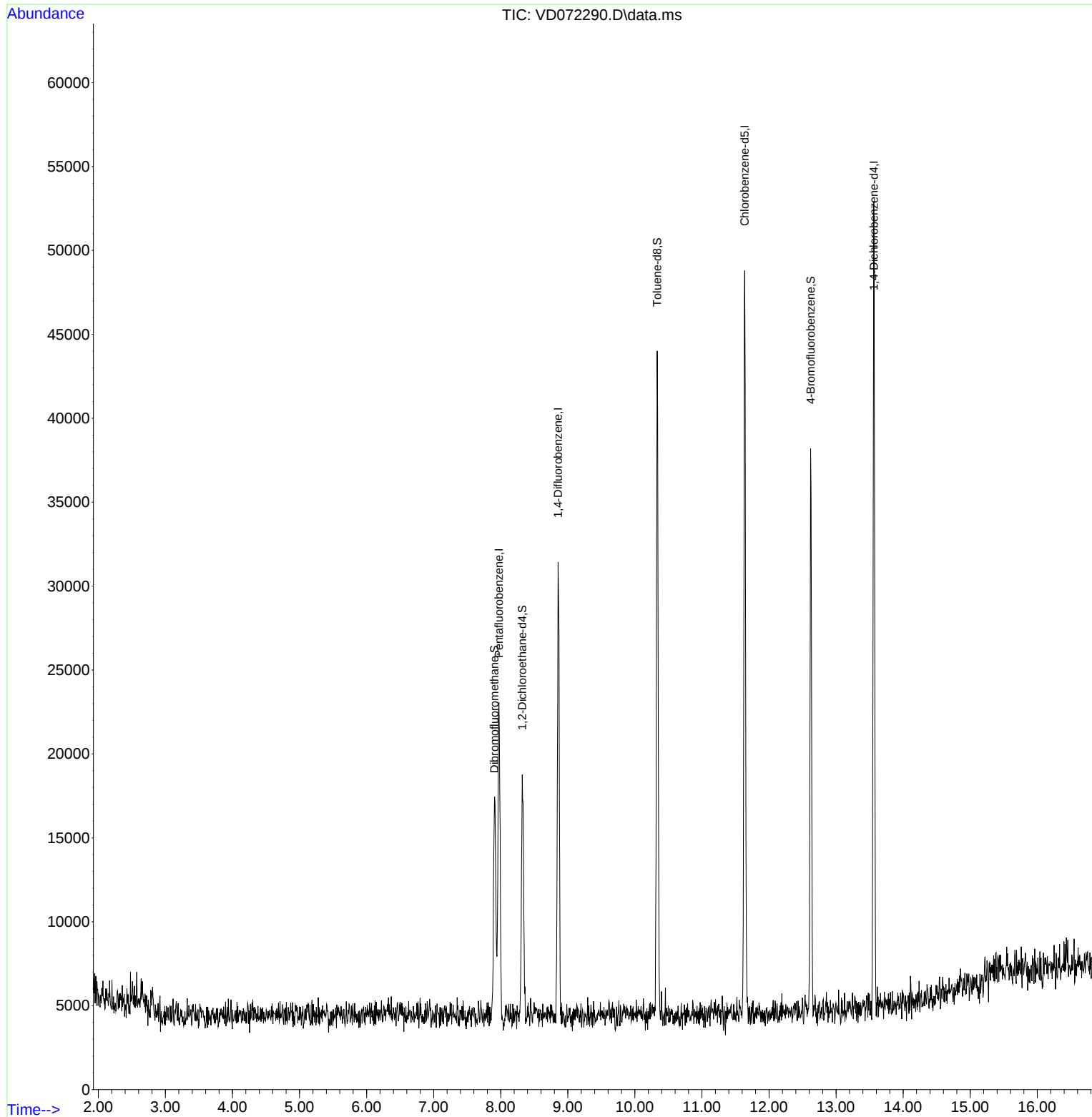
Target Compounds	Qvalue

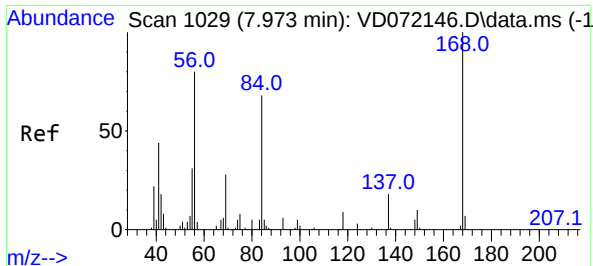
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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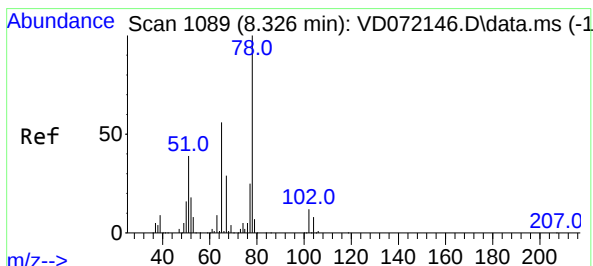
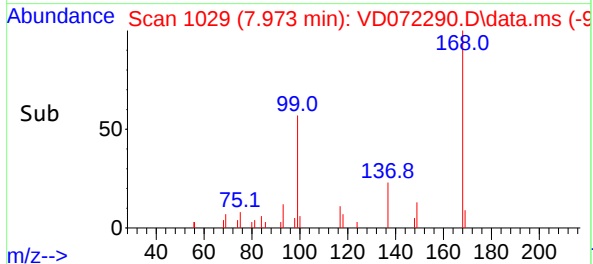
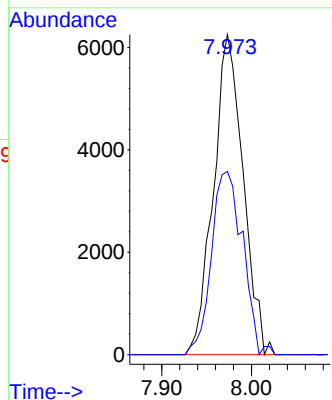
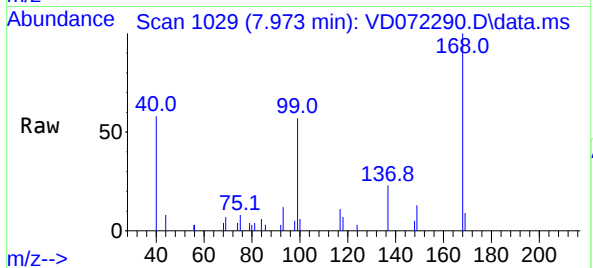




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

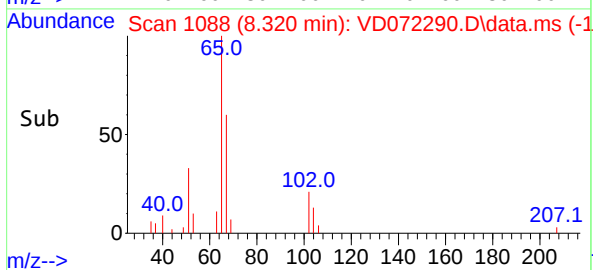
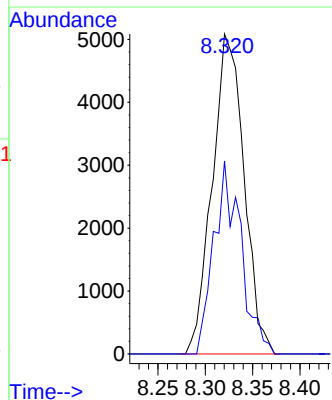
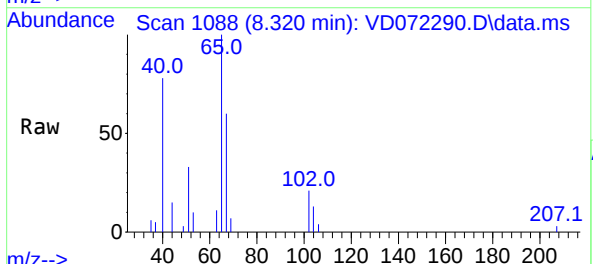
Instrument :
MSVOA_D
ClientSampleId :
SB-07-4.5-5.0RE

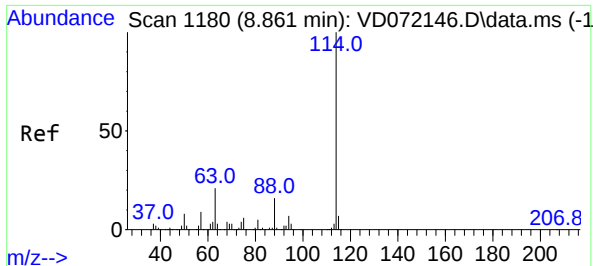
Tgt Ion:168 Resp: 14370
Ion Ratio Lower Upper
168 100
99 57.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 74.145 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

Tgt Ion: 65 Resp: 11874
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072290.D

Acq: 18 Mar 2022 15:19

Instrument :

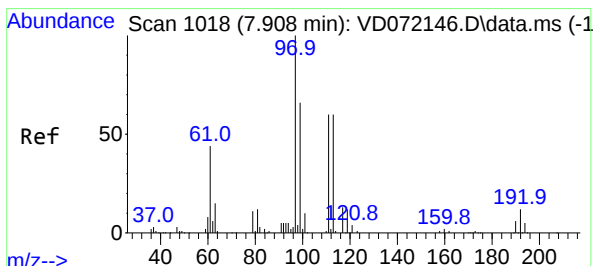
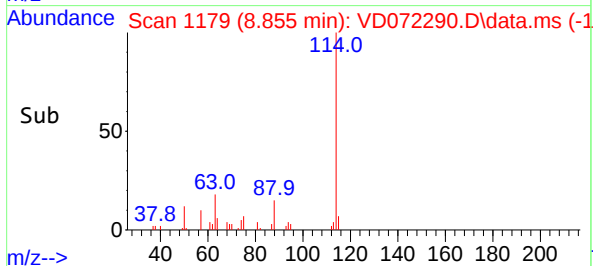
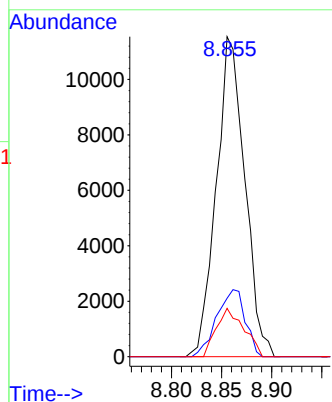
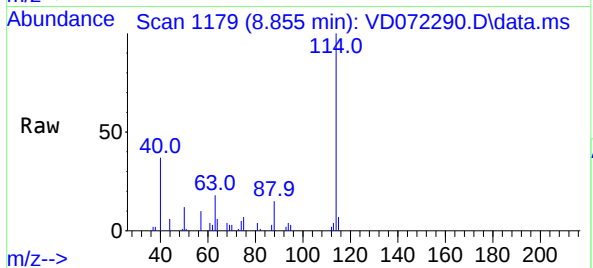
MSVOA_D

ClientSampleId :

SB-07-4.5-5.0RE

Tgt Ion:114 Resp: 22787

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	46.6
88	15.1	0.0	33.2



#35

Dibromofluoromethane

Concen: 63.840 ug/l

RT: 7.903 min Scan# 1017

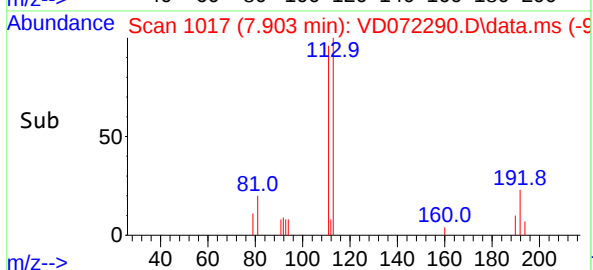
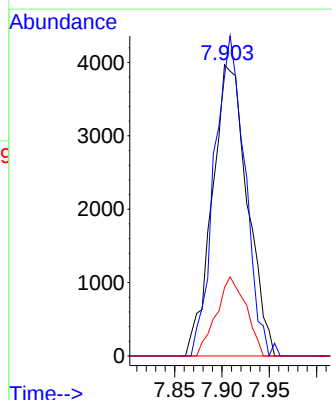
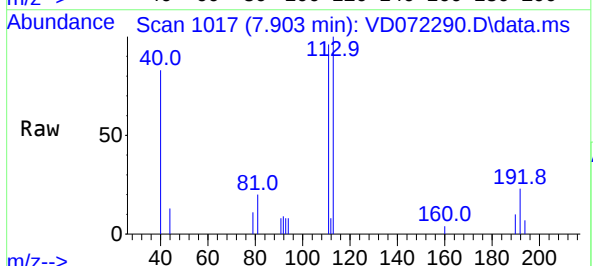
Delta R.T. -0.006 min

Lab File: VD072290.D

Acq: 18 Mar 2022 15:19

Tgt Ion:113 Resp: 10237

Ion	Ratio	Lower	Upper
113	100		
111	95.5	83.8	125.6
192	22.9	14.6	21.8

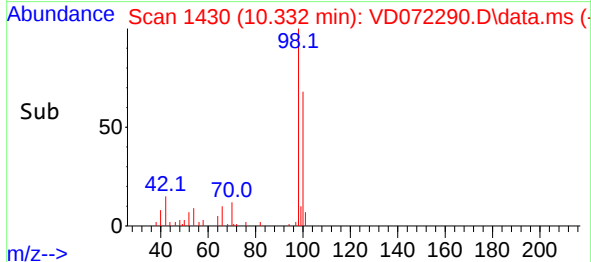
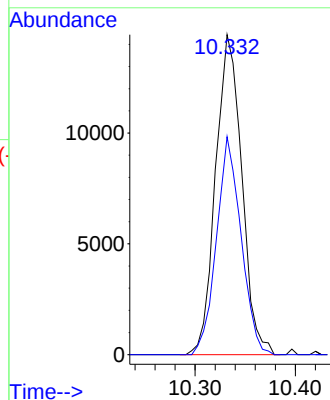
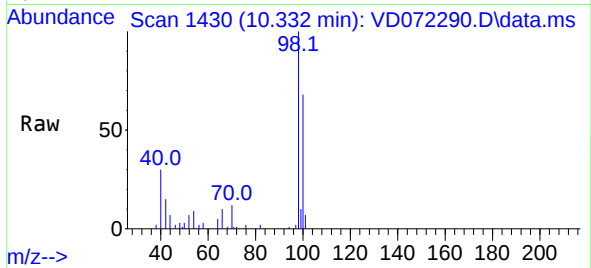




#50
Toluene-d8
Concen: 44.626 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

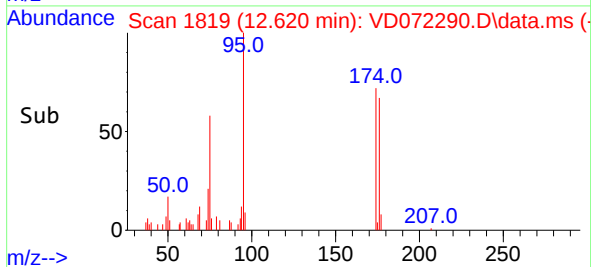
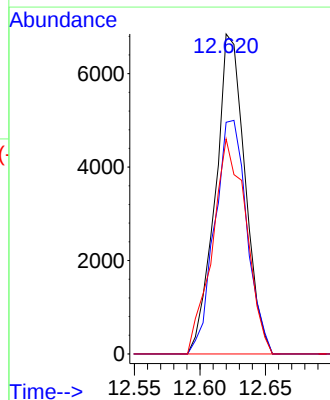
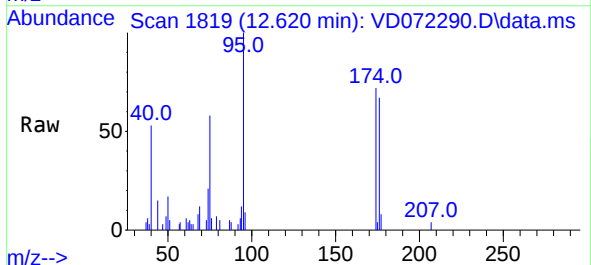
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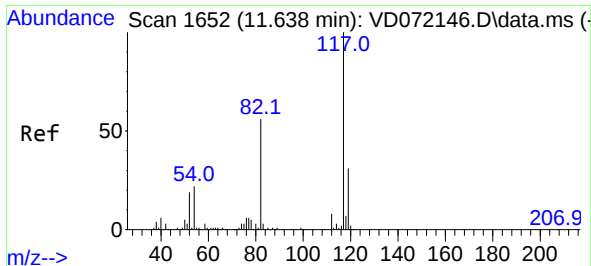
Tgt Ion: 98 Resp: 26166
Ion Ratio Lower Upper
98 100
100 64.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.344 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

Tgt Ion: 95 Resp: 10786
Ion Ratio Lower Upper
95 100
174 79.1 0.0 152.8
176 76.3 0.0 145.4

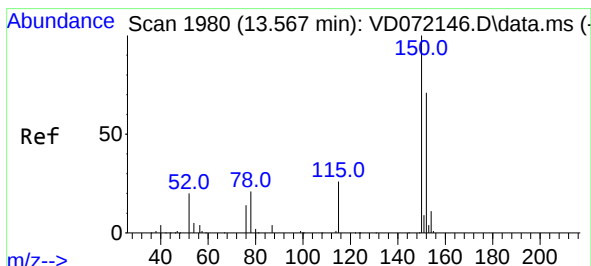
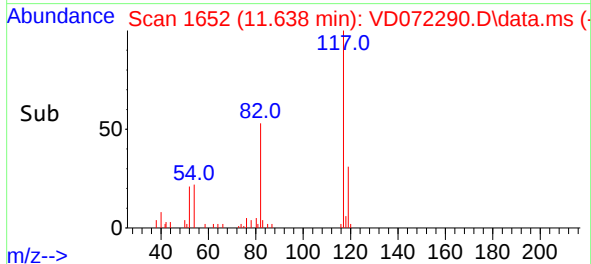
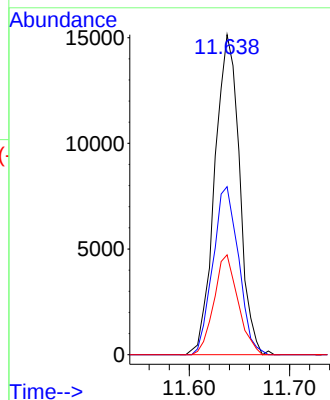
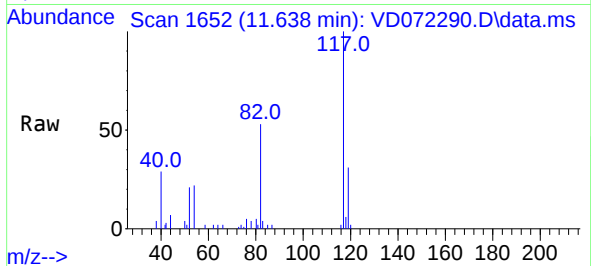




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072290.D
Acq: 18 Mar 2022 15:19

Instrument :
MSVOA_D
ClientSampleId :
SB-07-4.5-5.0RE

Tgt Ion:	117	Resp:	25934
Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.3	67.9
119	31.2	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: VD072290.D
Acq: 18 Mar 2022 15:19

Tgt Ion:	152	Resp:	11611
Ion	Ratio	Lower	Upper
152	100		
115	64.5	31.3	93.8
150	168.1	0.0	348.6

