

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
 Data File : VD072449.D
 Acq On : 28 Mar 2022 17:26
 Operator : VA/SY
 Sample : N1977-06
 Misc : 4.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-14-20220315-15.0-16.0

Quant Time: Mar 29 01:30:40 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	3428	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.856	114	5452	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	5592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1481	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	1409	36.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.760%
35) Dibromofluoromethane	7.903	113	2138	55.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.460%
50) Toluene-d8	10.332	98	6441	45.913	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.820%
62) 4-Bromofluorobenzene	12.626	95	1966	36.068	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.140%

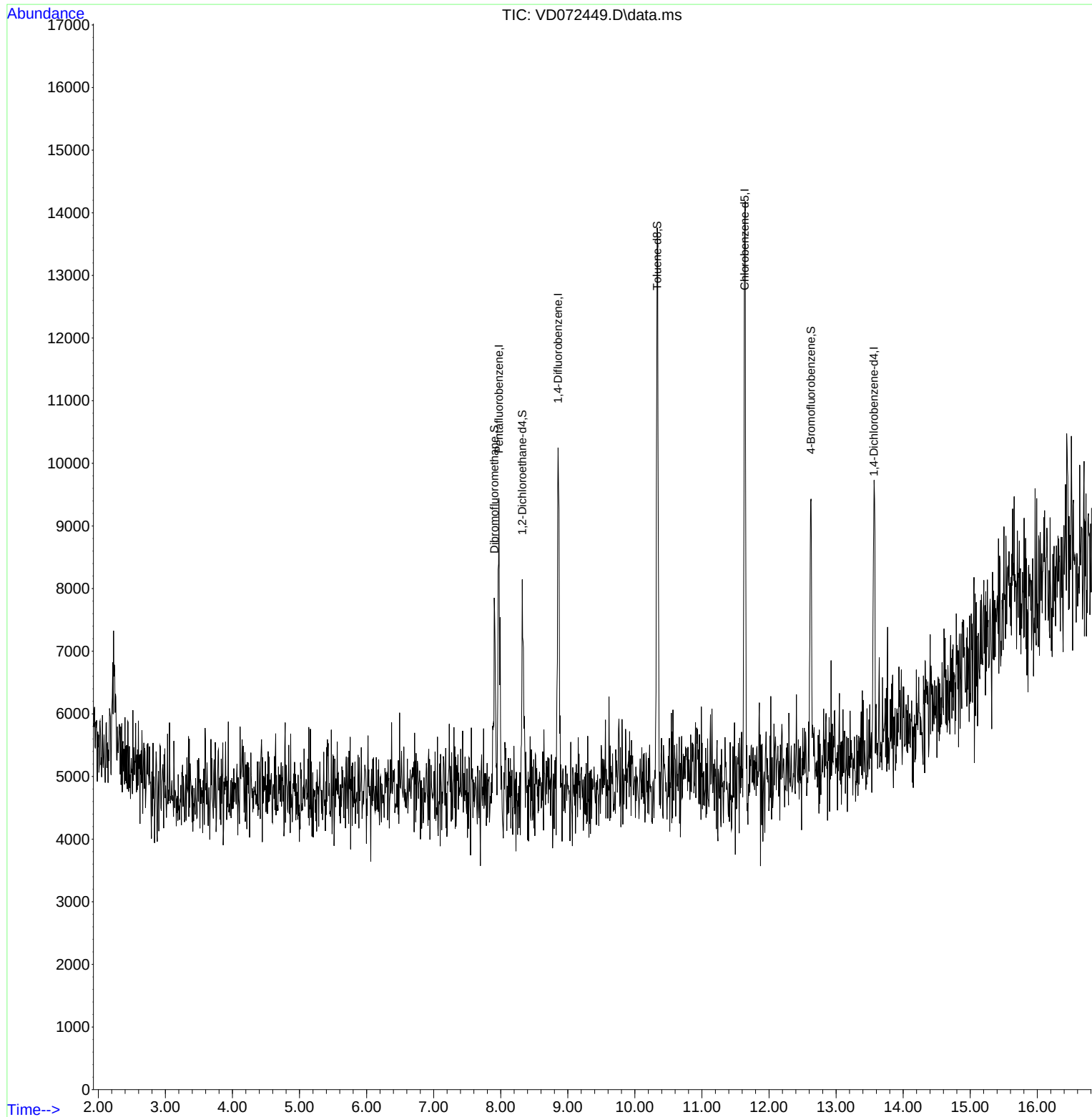
Target Compounds	Qvalue

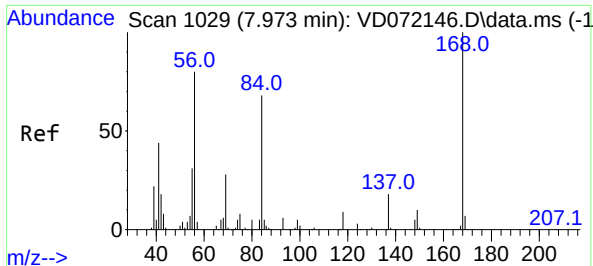
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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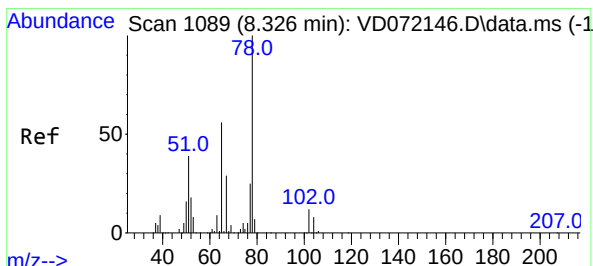
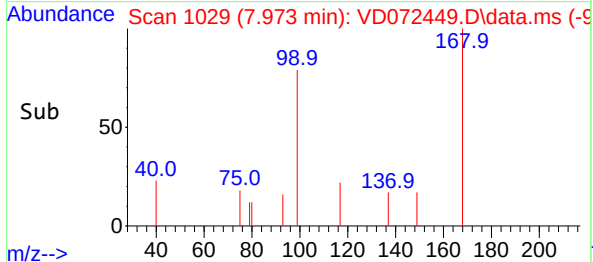
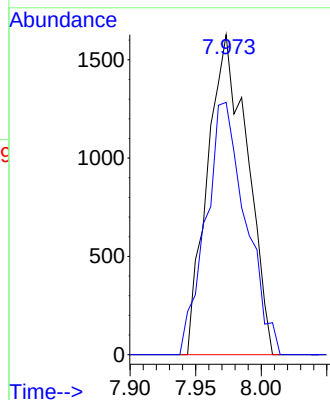
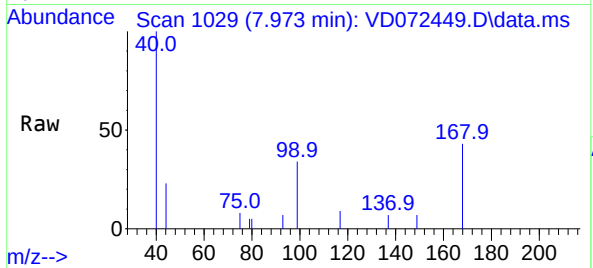




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072449.D
Acq: 28 Mar 2022 17:26

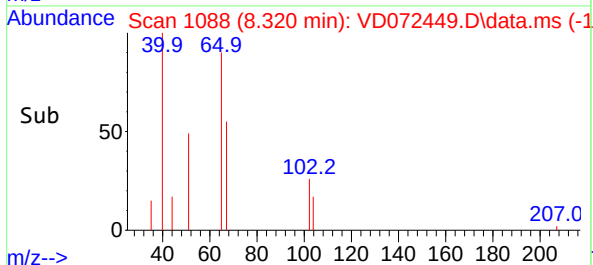
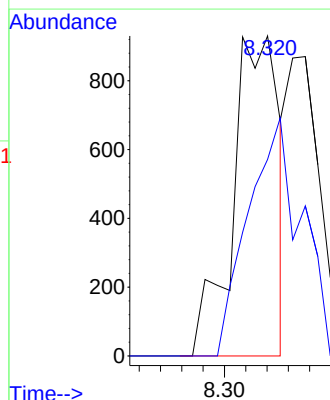
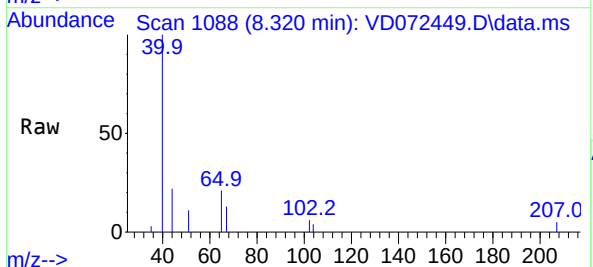
Instrument :
MSVOA_D
ClientSampleId :
SB-14-20220315-15.0-16.0

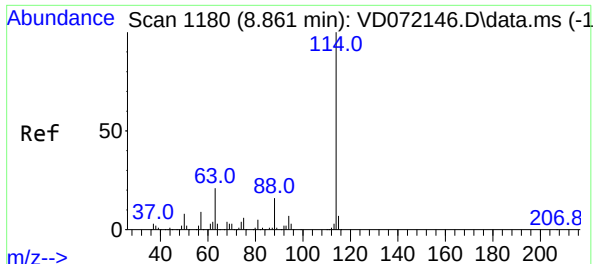
Tgt Ion:168 Resp: 3428
Ion Ratio Lower Upper
168 100
99 78.9 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: 36.882 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072449.D
Acq: 28 Mar 2022 17:26

Tgt Ion: 65 Resp: 1409
Ion Ratio Lower Upper
65 100
67 88.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072449.D

Acq: 28 Mar 2022 17:26

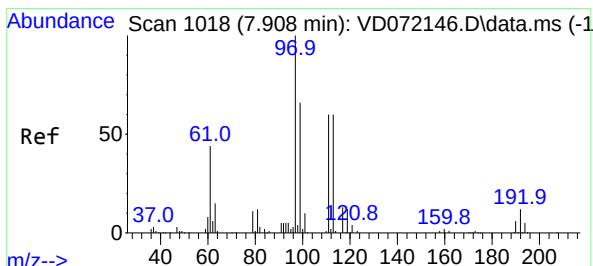
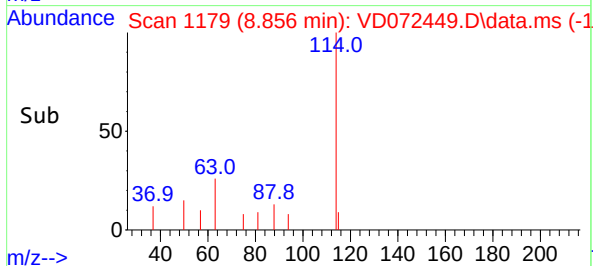
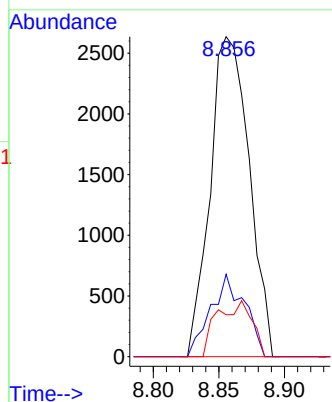
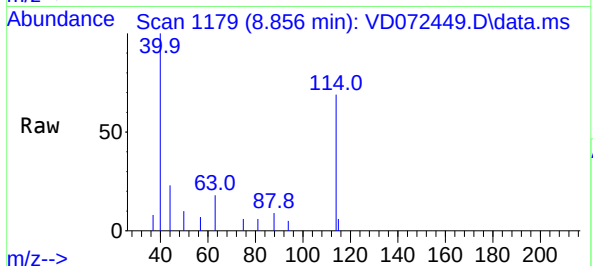
Instrument :

MSVOA_D

ClientSampleId :

SB-14-20220315-15.0-16.0

Tgt Ion:114	Resp:	5452
Ion Ratio	Lower	Upper
114	100	
63	25.8	0.0 46.6
88	13.1	0.0 33.2



#35

Dibromofluoromethane

Concen: 55.726 ug/l

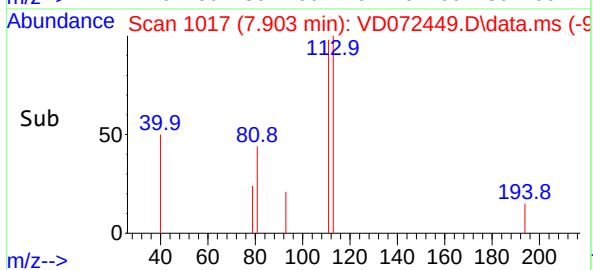
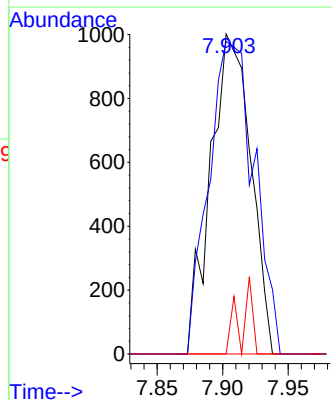
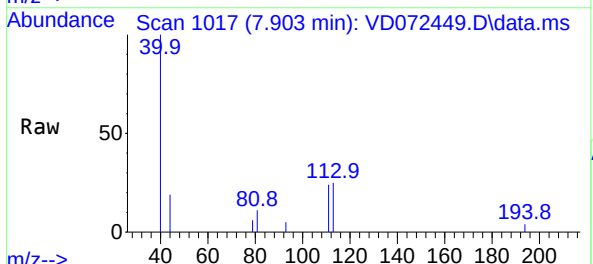
RT: 7.903 min Scan# 1017

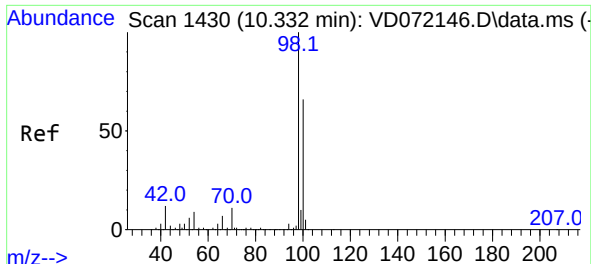
Delta R.T. -0.006 min

Lab File: VD072449.D

Acq: 28 Mar 2022 17:26

Tgt Ion:113	Resp:	2138
Ion Ratio	Lower	Upper
113	100	
111	110.2	83.8 125.6
192	3.0	14.6 21.8

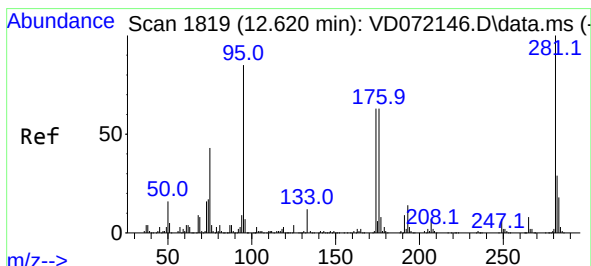
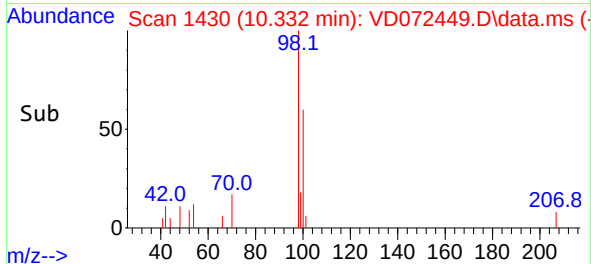
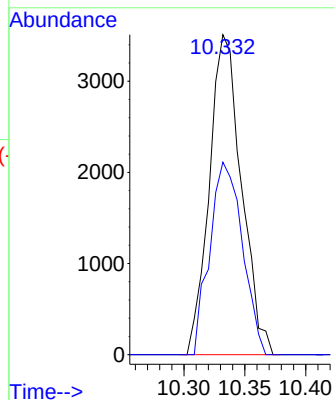
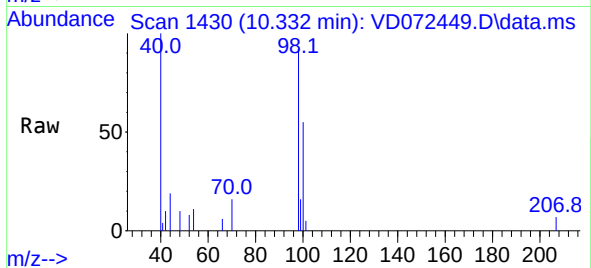




#50
Toluene-d8
Concen: 45.913 ug/l
RT: 10.332 min Scan# 14
Delta R.T. 0.000 min
Lab File: VD072449.D
Acq: 28 Mar 2022 17:26

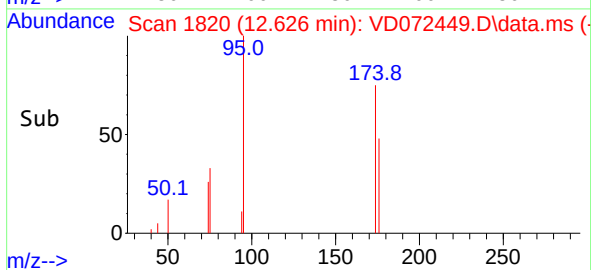
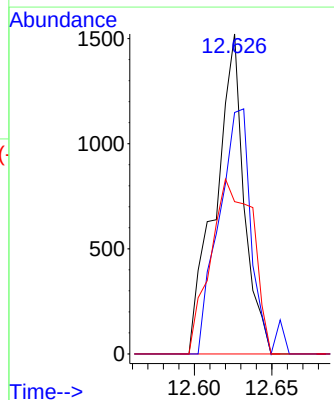
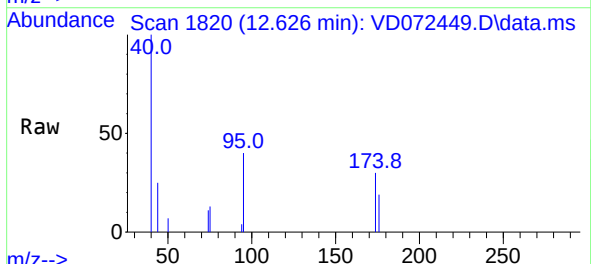
Instrument :
MSVOA_D
ClientSampleId :
SB-14-20220315-15.0-16.0

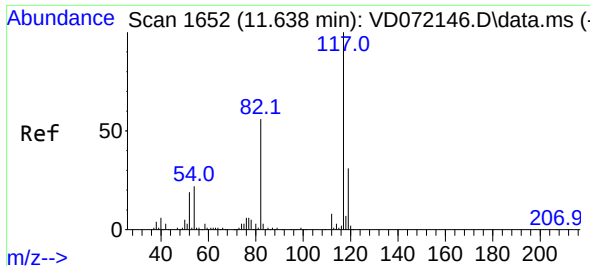
Tgt Ion: 98 Resp: 6441
Ion Ratio Lower Upper
98 100
100 61.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 36.068 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072449.D
Acq: 28 Mar 2022 17:26

Tgt Ion: 95 Resp: 1966
Ion Ratio Lower Upper
95 100
174 87.1 0.0 152.8
176 79.6 0.0 145.4

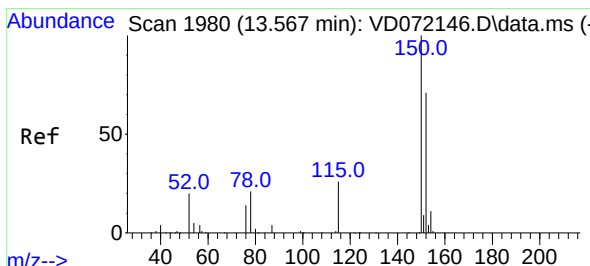
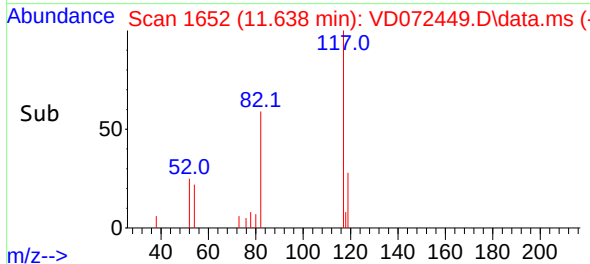
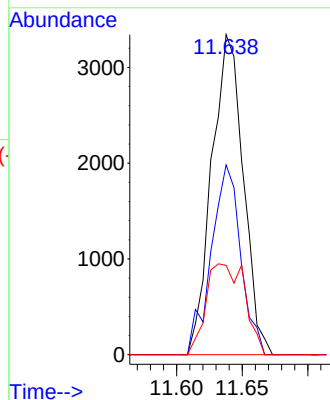
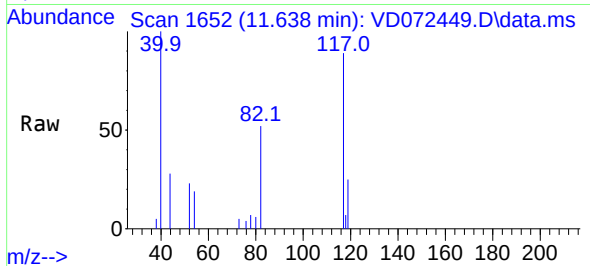




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072449.D
Acq: 28 Mar 2022 17:26

Instrument :
MSVOA_D
ClientSampleId :
SB-14-20220315-15.0-16.0

Tgt Ion:	117	Resp:	5592
Ion	Ratio	Lower	Upper
117	100		
82	59.3	45.3	67.9
119	27.9	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: VD072449.D
Acq: 28 Mar 2022 17:26

Tgt Ion:	152	Resp:	1481
Ion	Ratio	Lower	Upper
152	100		
115	66.2	31.3	93.8
150	166.9	0.0	348.6

