

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072610.D
 Acq On : 18 Apr 2022 21:09
 Operator : VA/SY
 Sample : N2444-12
 Misc : 4.34G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12

Quant Time: Apr 19 02:53:38 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	3088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	6004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	6041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.549	152	2239	50.000	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	3216	86.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	172.180%#
35) Dibromofluoromethane	7.903	113	2937	62.945	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.900%
50) Toluene-d8	10.338	98	6679	41.180	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.360%
62) 4-Bromofluorobenzene	12.626	95	2401	37.905	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.800%

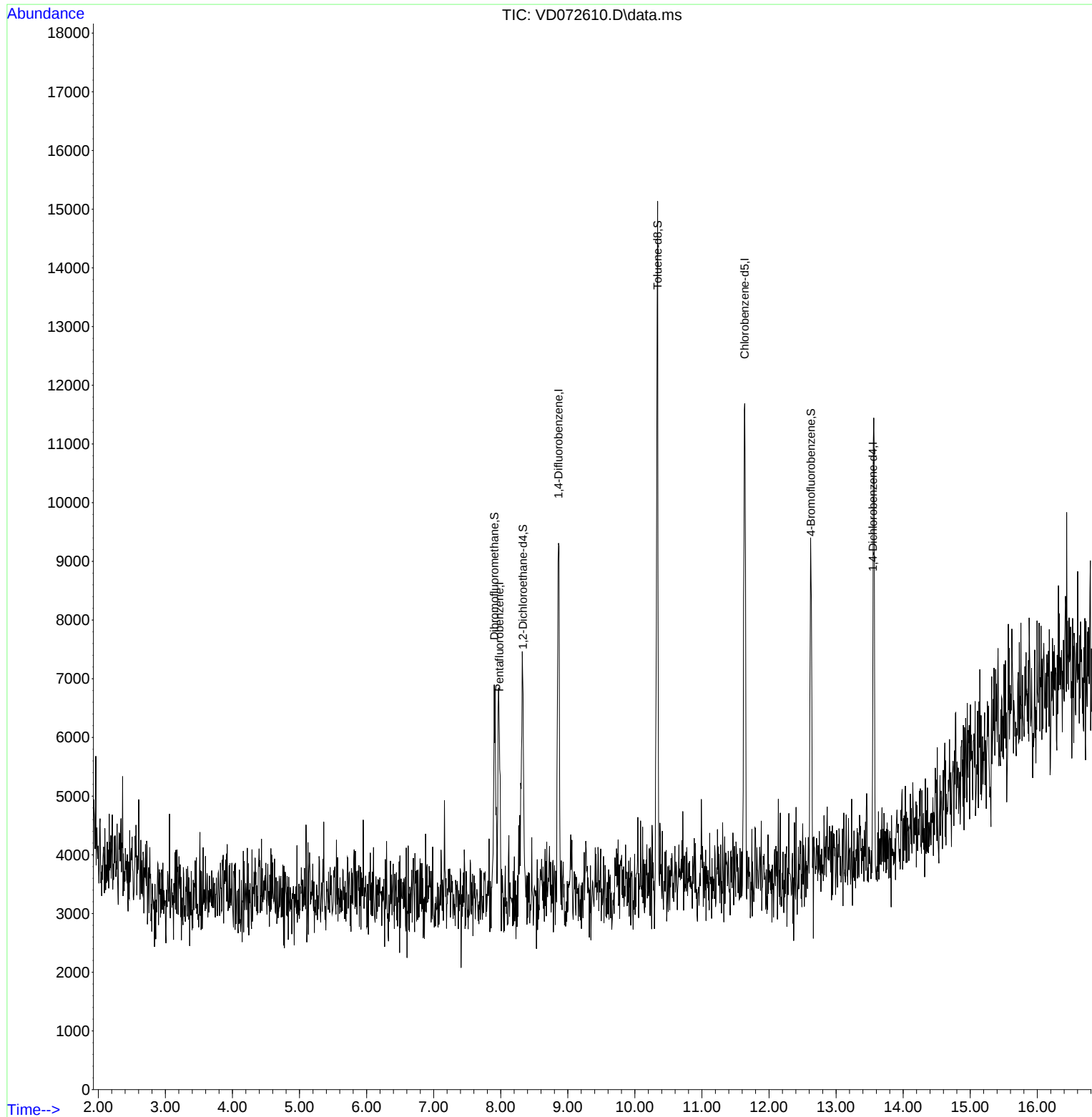
Target Compounds	Qvalue

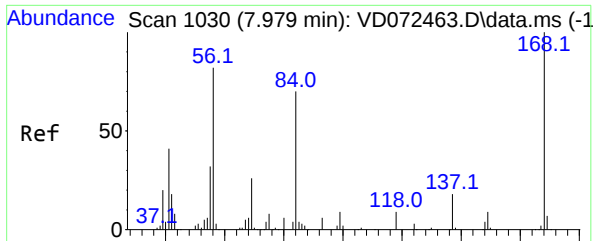
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

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MSVOA_D

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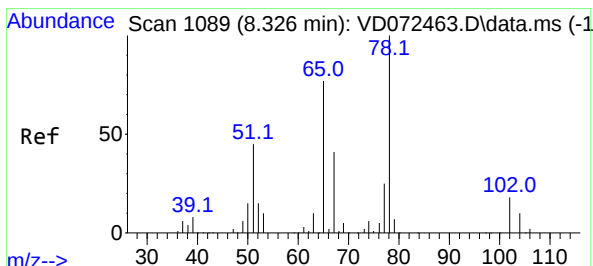
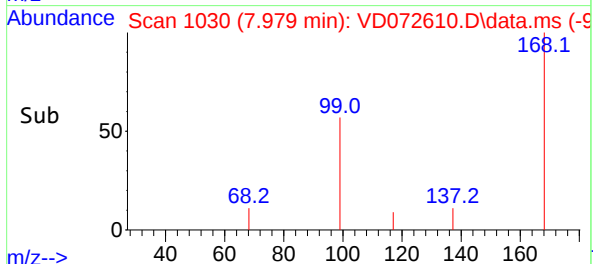
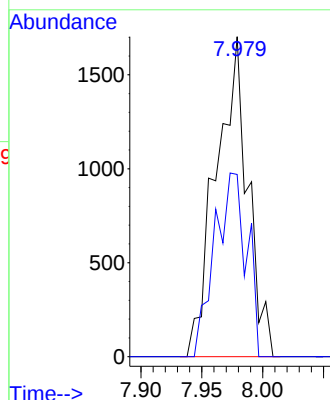
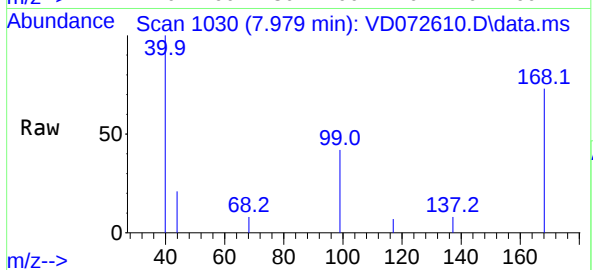
SB-12

Tgt Ion:168 Resp: 3088

Ion Ratio Lower Upper

168 100

99 57.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 86.092 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD072610.D

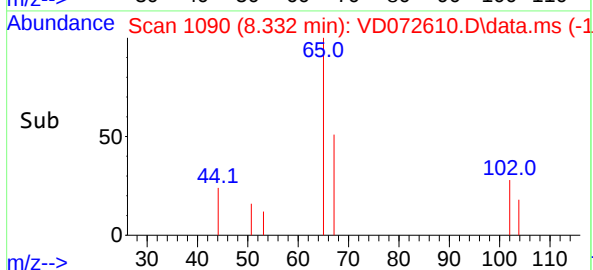
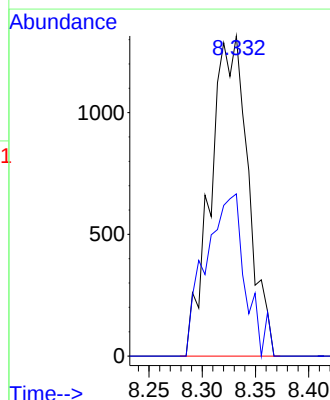
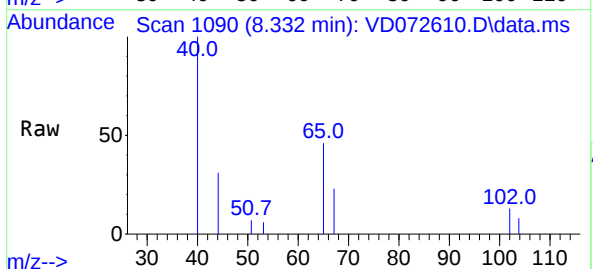
Acq: 18 Apr 2022 21:09

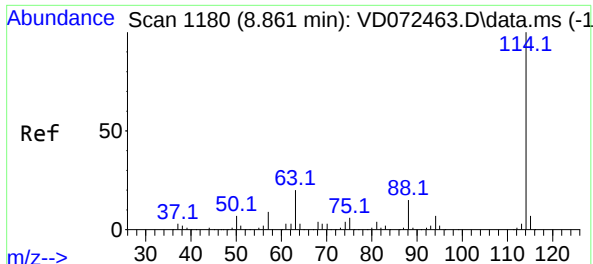
Tgt Ion: 65 Resp: 3216

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.4

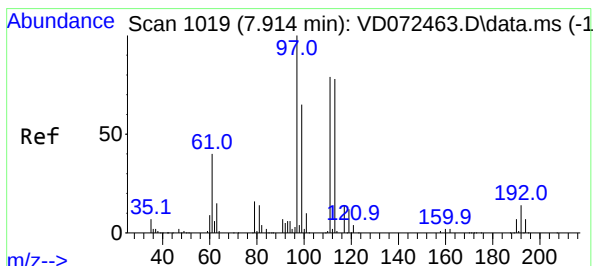
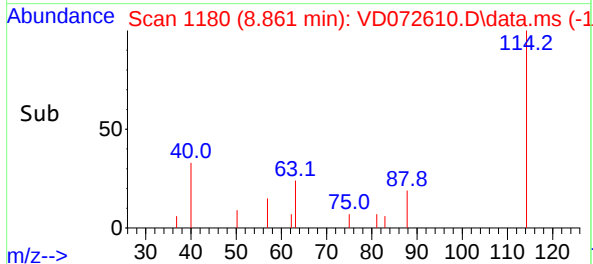
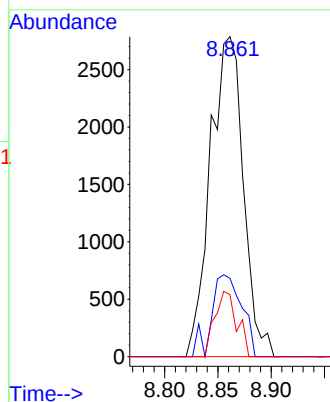
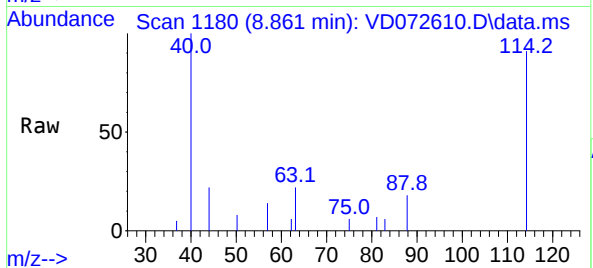




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072610.D
Acq: 18 Apr 2022 21:09

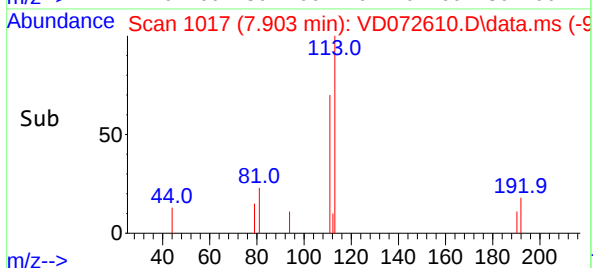
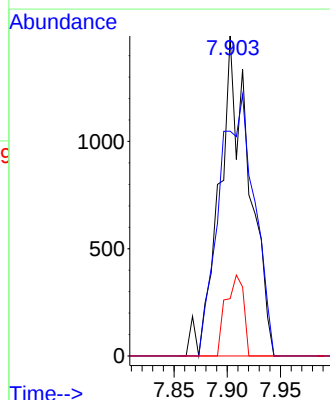
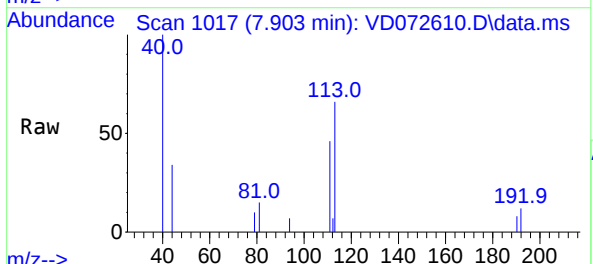
Instrument :
MSVOA_D
ClientSampleId :
SB-12

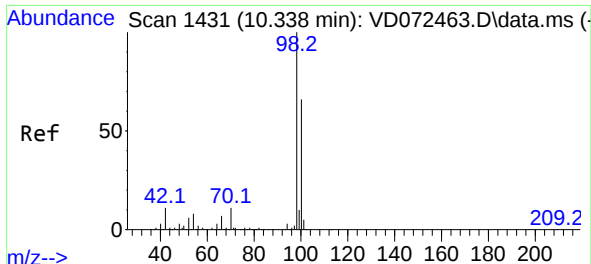
Tgt Ion:	114	Resp:	6004
Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	46.6
88	19.4	0.0	33.2



#35
Dibromofluoromethane
Concen: 62.945 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.012 min
Lab File: VD072610.D
Acq: 18 Apr 2022 21:09

Tgt Ion:	113	Resp:	2937
Ion	Ratio	Lower	Upper
113	100		
111	95.4	83.8	125.6
192	14.7	14.6	21.8

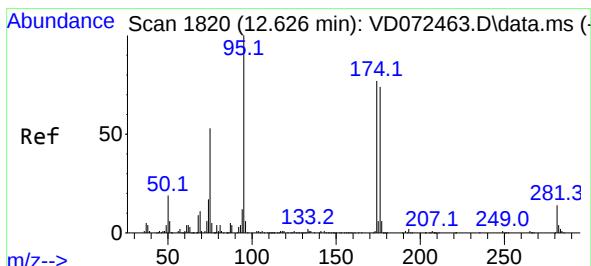
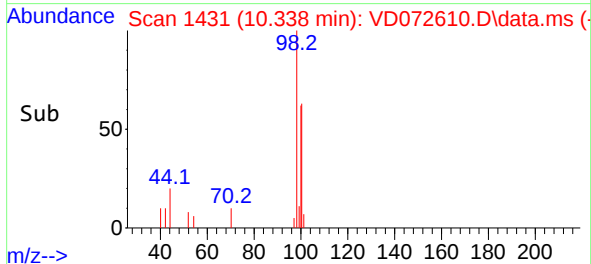
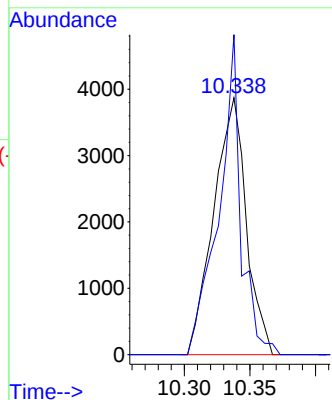
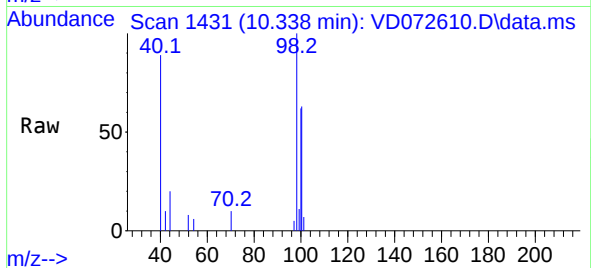




#50
Toluene-d8
Concen: 41.180 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD072610.D
Acq: 18 Apr 2022 21:09

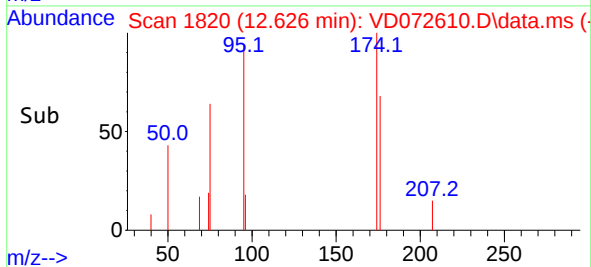
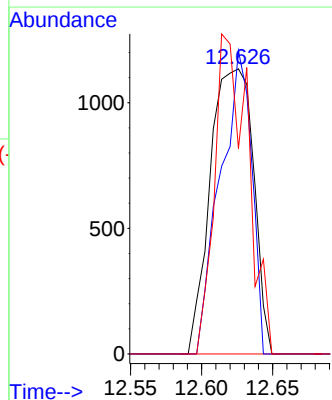
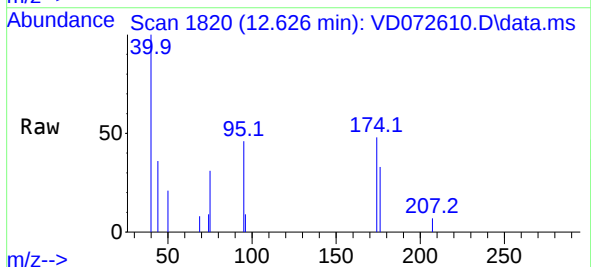
Instrument :
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ClientSampleId :
SB-12

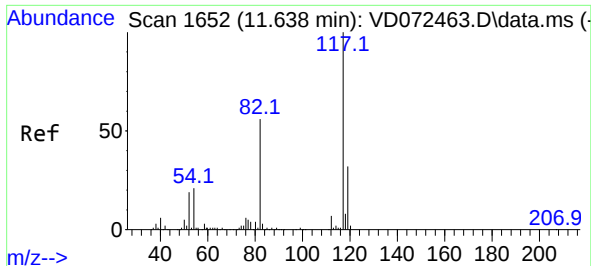
Tgt Ion: 98 Resp: 6679
Ion Ratio Lower Upper
98 100
100 84.4 52.4 78.6#



#62
4-Bromofluorobenzene
Concen: 37.905 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD072610.D
Acq: 18 Apr 2022 21:09

Tgt Ion: 95 Resp: 2401
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 86.8 0.0 145.4

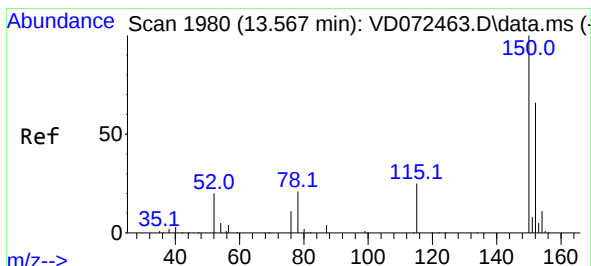
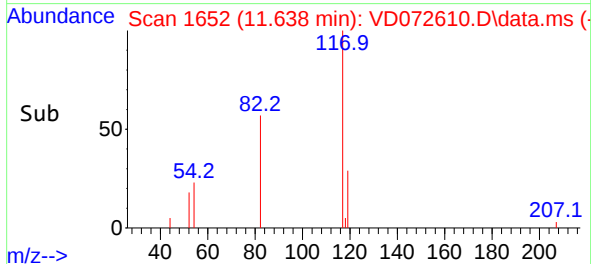
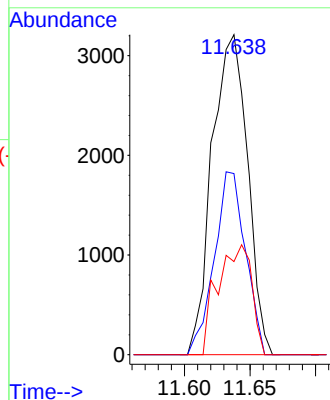
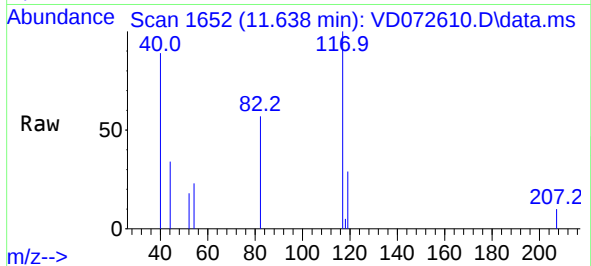




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VD072610.D
Acq: 18 Apr 2022 21:09

Instrument :
MSVOA_D
ClientSampleId :
SB-12

Tgt Ion:	117	Resp:	6041
Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.3	67.9
119	29.1	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.549 min Scan# 1977
Delta R.T. -0.018 min
Lab File: VD072610.D
Acq: 18 Apr 2022 21:09

Tgt Ion:	152	Resp:	2239
Ion	Ratio	Lower	Upper
152	100		
115	81.6	31.3	93.8
150	154.2	0.0	348.6

