

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070304.D
 Acq On : 10 Sep 2021 17:16
 Operator : VA/SY
 Sample : M3684-05
 Misc : 10.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-210908B

Quant Time: Sep 11 02:27:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	4238	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	8999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	10012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	3117	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	4706	86.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	172.960%#
35) Dibromofluoromethane	7.908	113	3725	58.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.300%
50) Toluene-d8	10.338	98	10790	46.394	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.780%
62) 4-Bromofluorobenzene	12.620	95	3648	44.881	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.760%

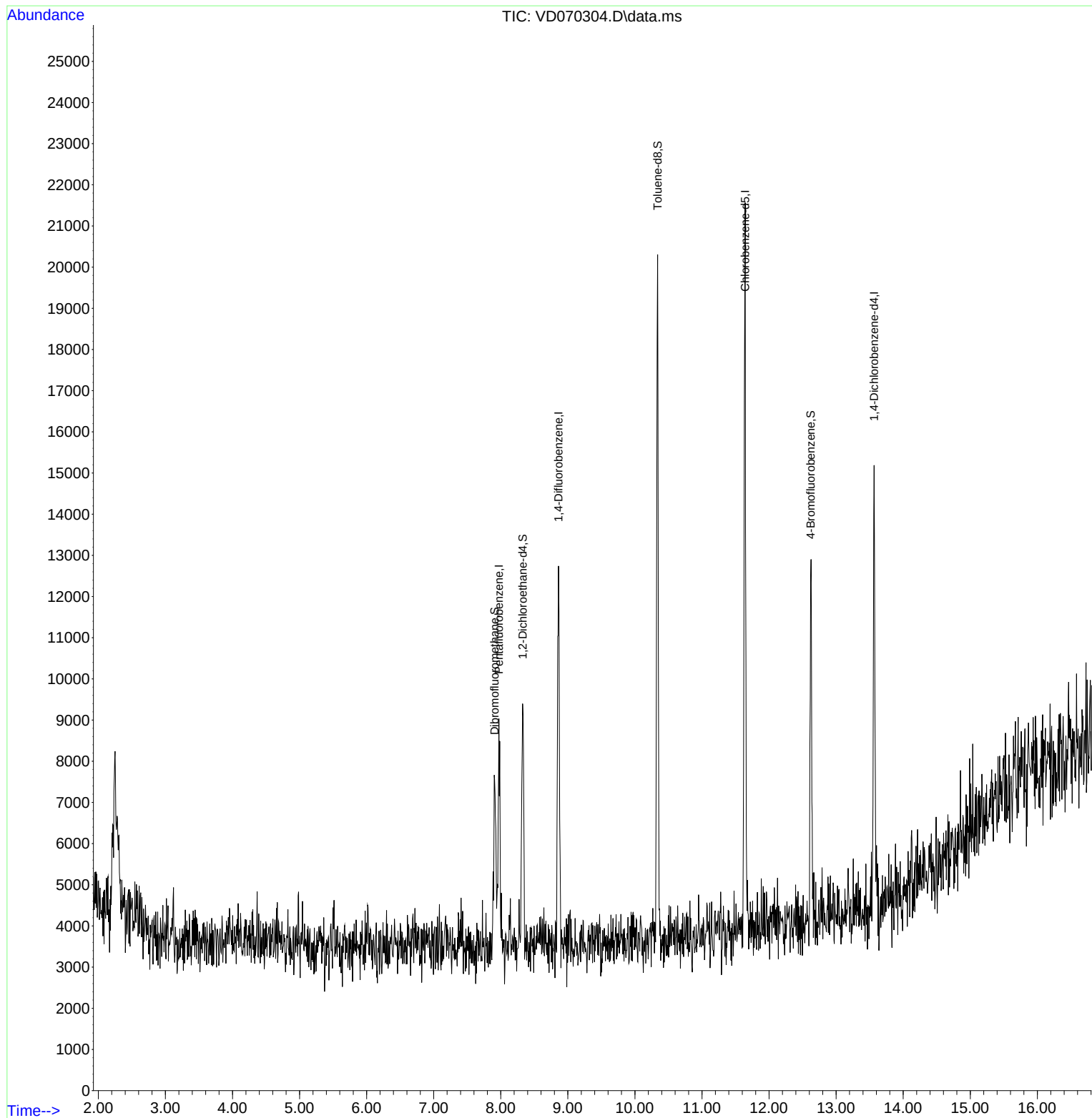
Target Compounds	Qvalue

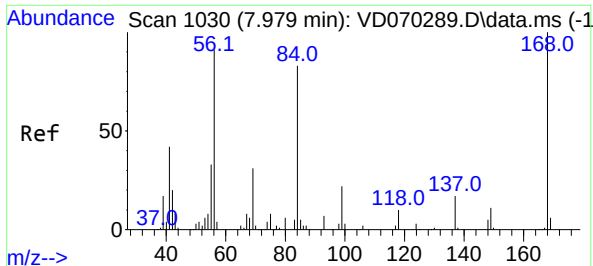
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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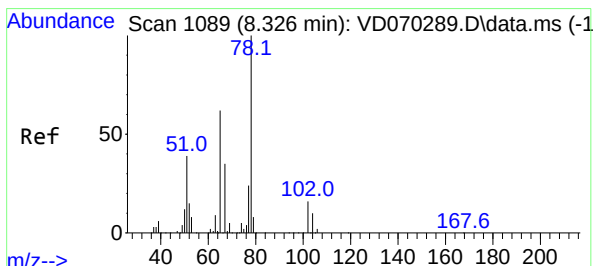
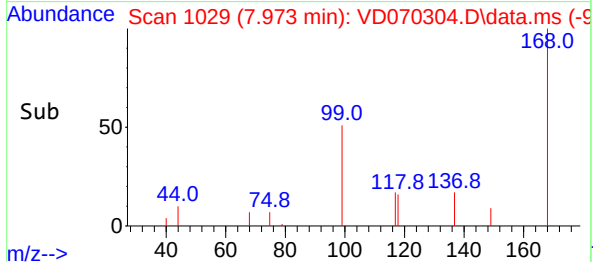
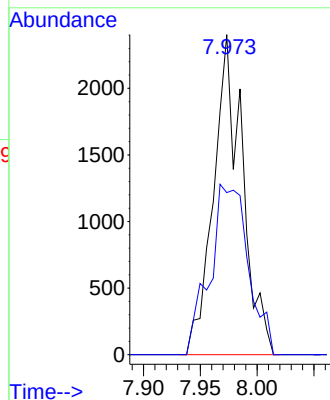
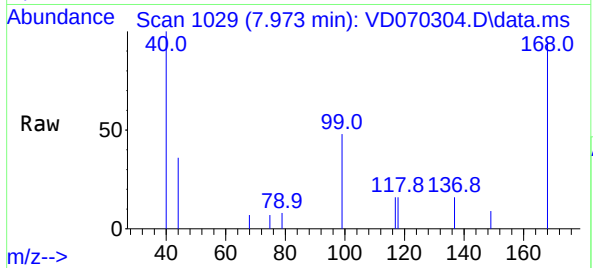




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070304.D
Acq: 10 Sep 2021 17:16

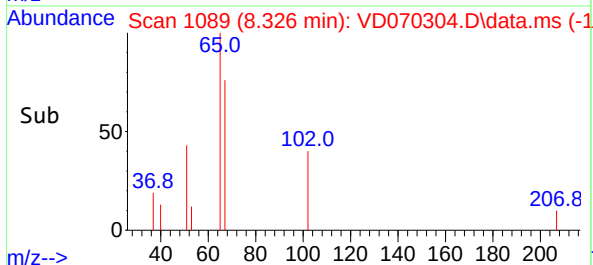
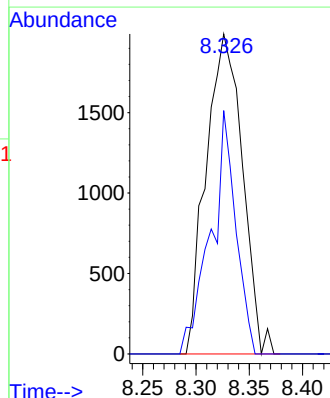
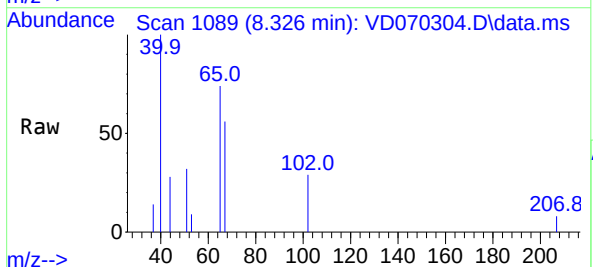
Instrument :
MSVOA_D
ClientSampleID :
DUP-210908B

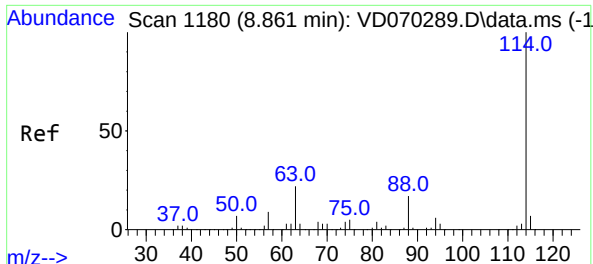
Tgt Ion:168 Resp: 4238
Ion Ratio Lower Upper
168 100
99 50.6 50.8 76.2#



#33
1,2-Dichloroethane-d4
Concen: 86.481 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070304.D
Acq: 10 Sep 2021 17:16

Tgt Ion: 65 Resp: 4706
Ion Ratio Lower Upper
65 100
67 52.3 0.0 111.4

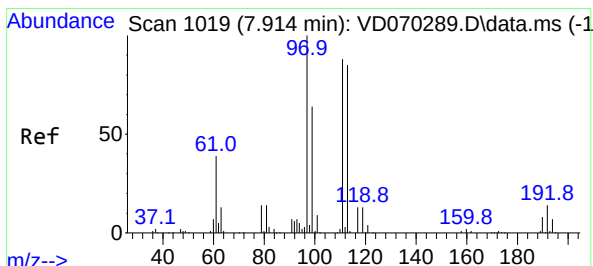
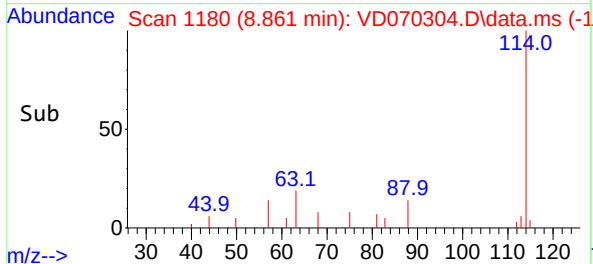
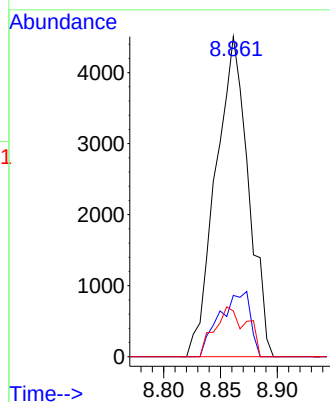
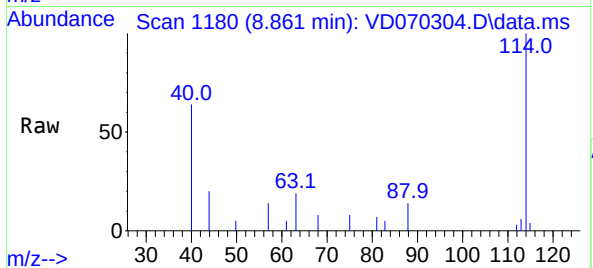




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070304.D
Acq: 10 Sep 2021 17:16

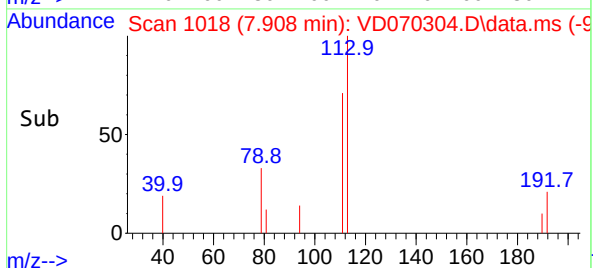
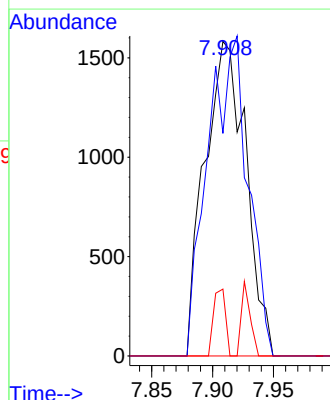
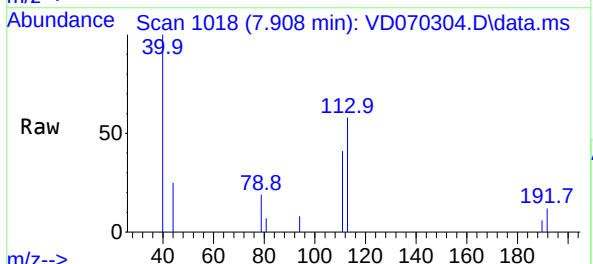
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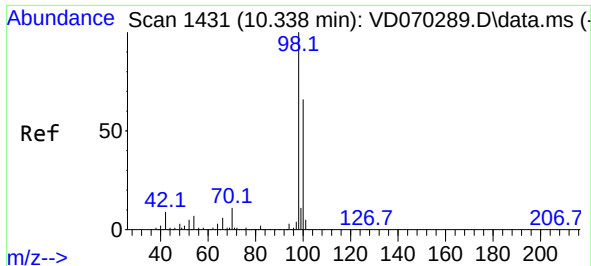
Tgt Ion:114	Resp:	8999
Ion	Ratio	Lower Upper
114	100	
63	19.1	0.0 43.4
88	14.3	0.0 33.4



#35
Dibromofluoromethane
Concen: 58.152 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070304.D
Acq: 10 Sep 2021 17:16

Tgt Ion:113	Resp:	3725
Ion	Ratio	Lower Upper
113	100	
111	0.0	81.4 122.2#
192	6.2	13.0 19.6#

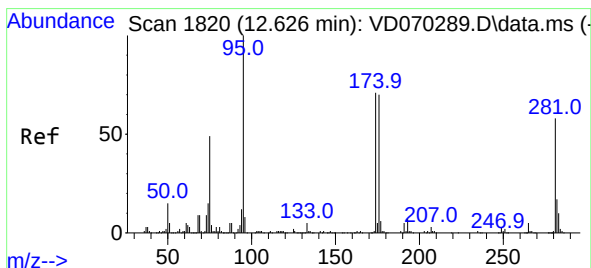
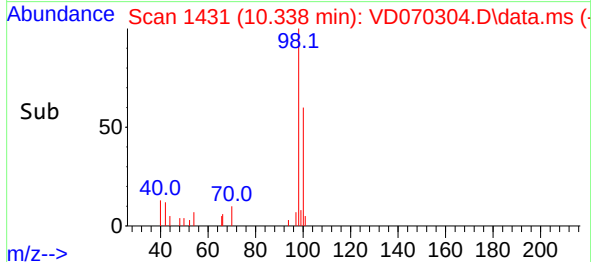
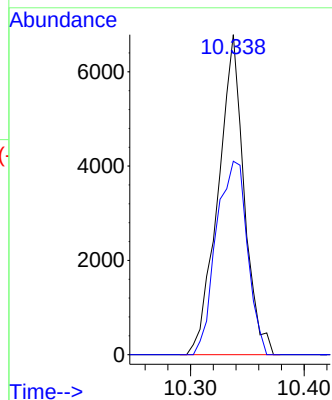
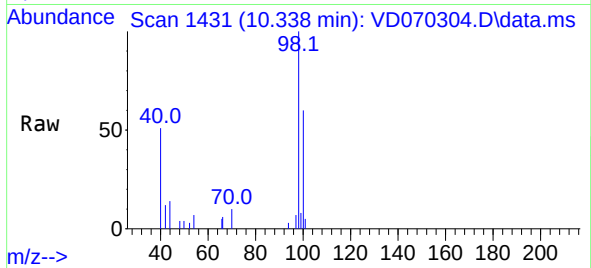




#50
Toluene-d8
Concen: 46.394 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070304.D
Acq: 10 Sep 2021 17:16

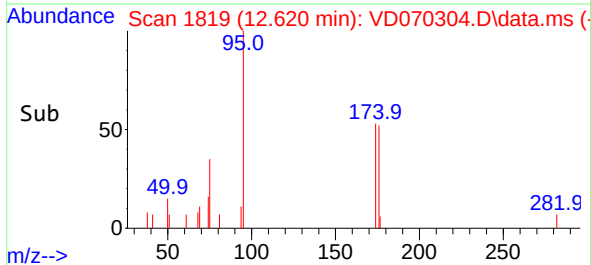
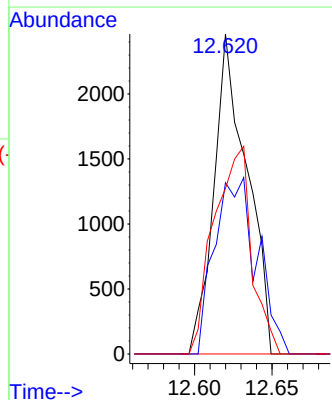
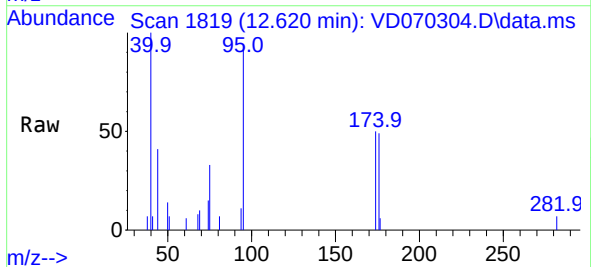
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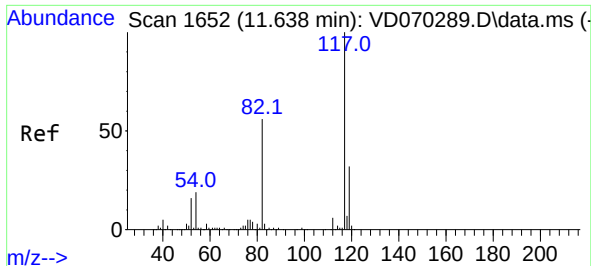
Tgt Ion: 98 Resp: 10790
Ion Ratio Lower Upper
98 100
100 72.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.881 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070304.D
Acq: 10 Sep 2021 17:16

Tgt Ion: 95 Resp: 3648
Ion Ratio Lower Upper
95 100
174 70.9 0.0 140.6
176 73.6 0.0 137.4

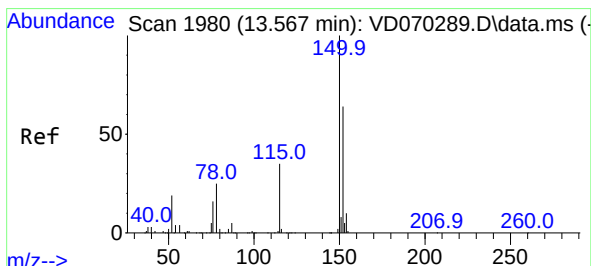
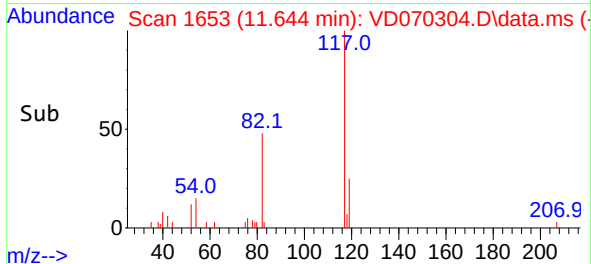
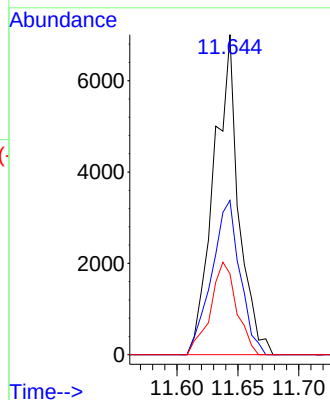
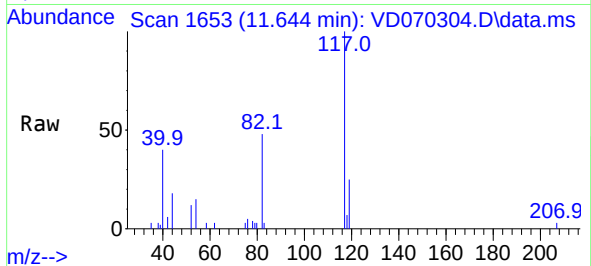




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD070304.D
Acq: 10 Sep 2021 17:16

Instrument :
MSVOA_D
ClientSampleId :
DUP-210908B

Tgt Ion:	117	Resp:	10012
Ion	Ratio	Lower	Upper
117	100		
82	48.2	45.0	67.4
119	25.3	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070304.D
Acq: 10 Sep 2021 17:16

Tgt Ion:	152	Resp:	3117
Ion	Ratio	Lower	Upper
152	100		
115	67.0	32.1	96.3
150	157.4	0.0	350.6

