

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071804.D
 Acq On : 27 Jan 2022 16:21
 Operator : VA/SY
 Sample : N1261-02RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOCRE

Quant Time: Jan 28 07:22:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	6474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	13059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	12881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	5195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	7464	91.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 182.440%#	
35) Dibromofluoromethane	7.914	113	4062	47.320	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.640%	
50) Toluene-d8	10.338	98	14659	45.726	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.460%	
62) 4-Bromofluorobenzene	12.620	95	4715	42.116	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.240%	

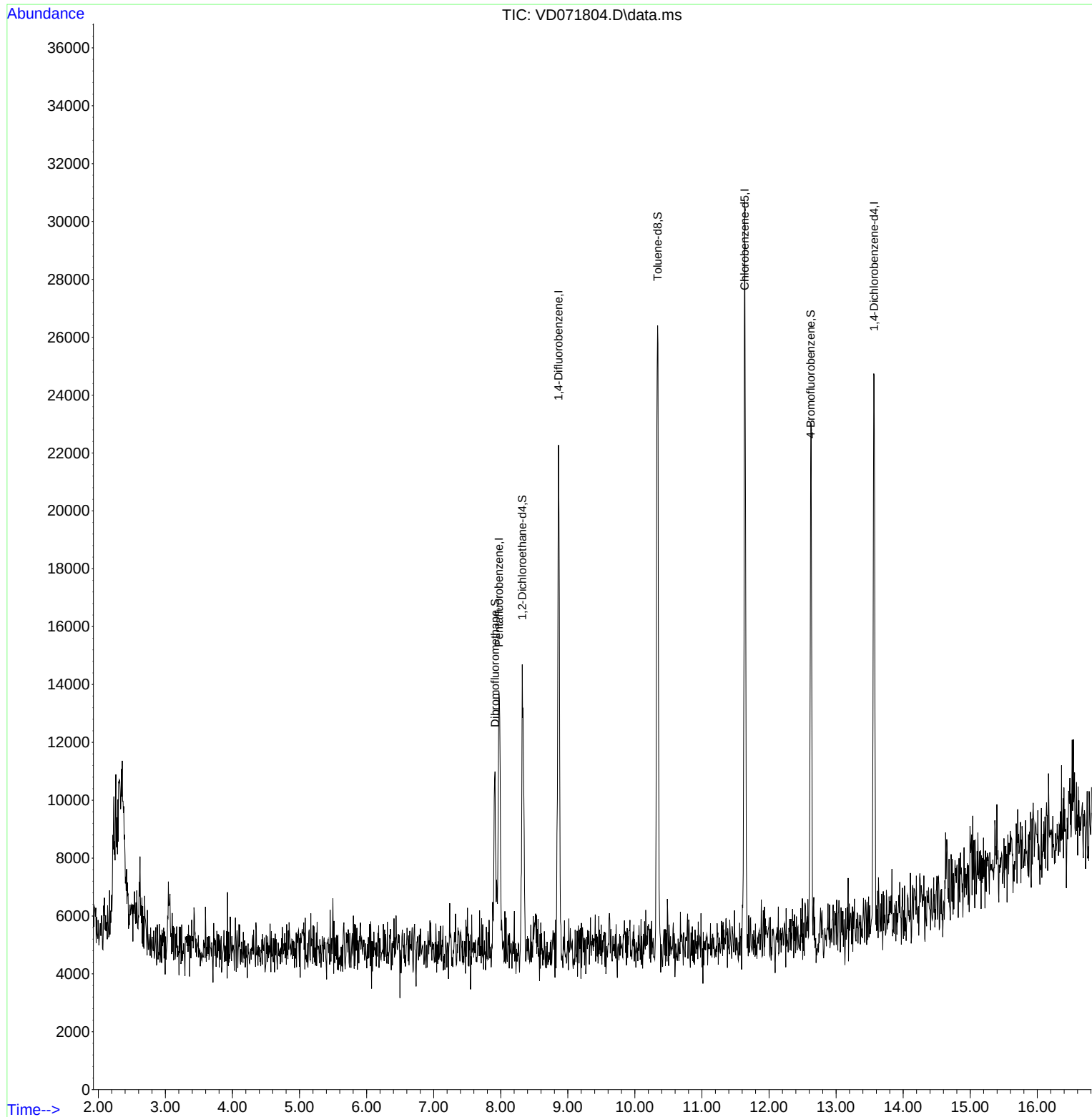
Target Compounds	Qvalue

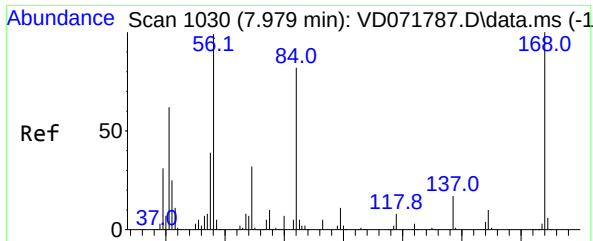
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD071804.D

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Instrument :

MSVOA_D

ClientSampleId :

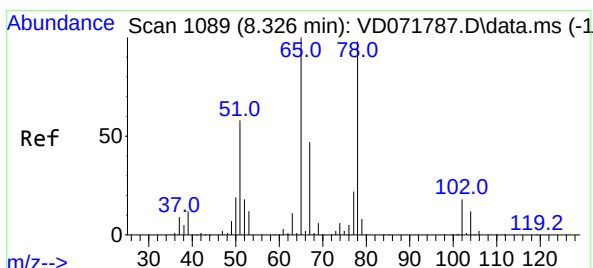
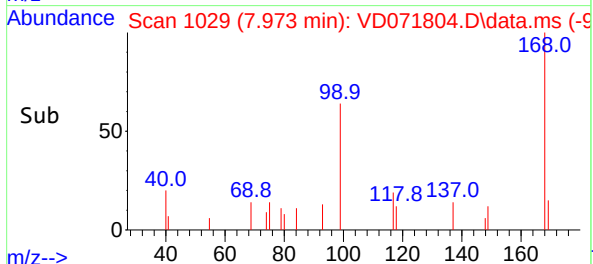
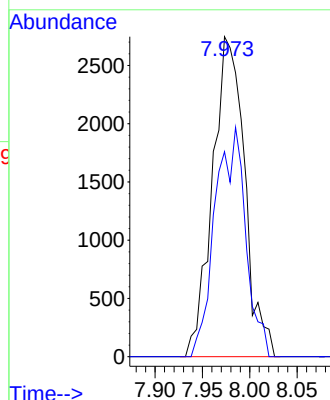
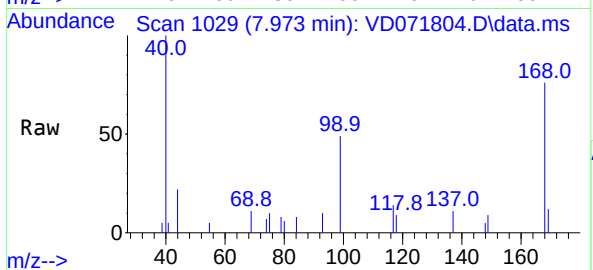
VOCRE

Tgt Ion:168 Resp: 6474

Ion Ratio Lower Upper

168 100

99 64.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 91.216 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD071804.D

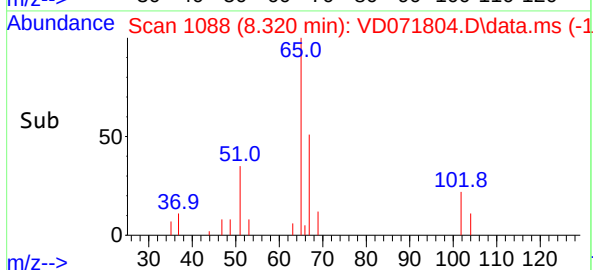
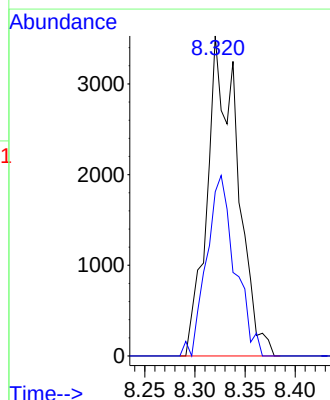
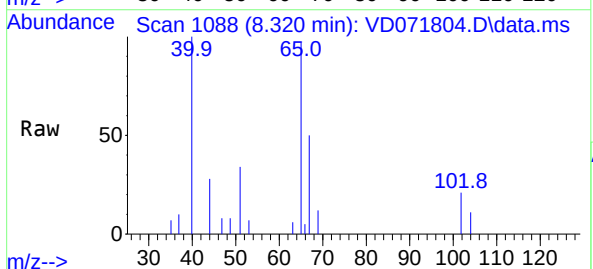
Acq: 27 Jan 2022 16:21

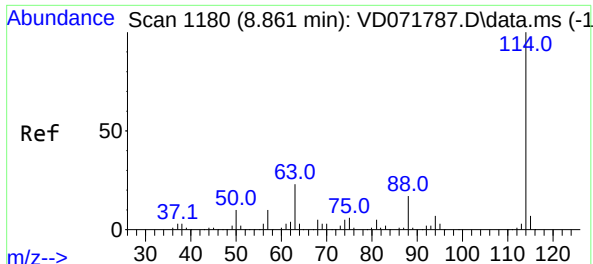
Tgt Ion: 65 Resp: 7464

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.4

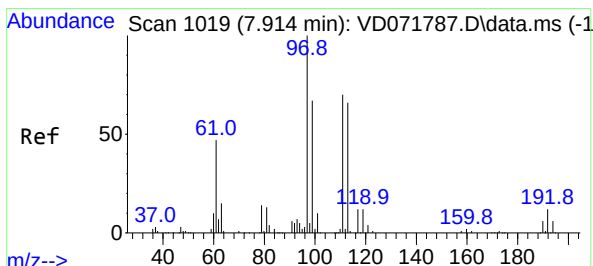
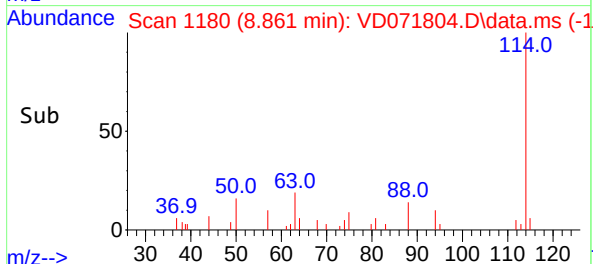
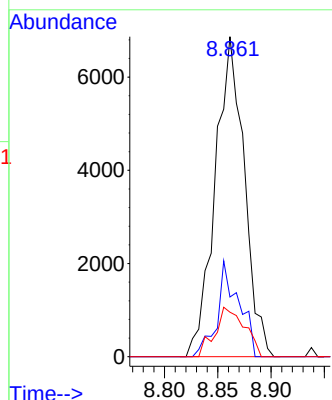
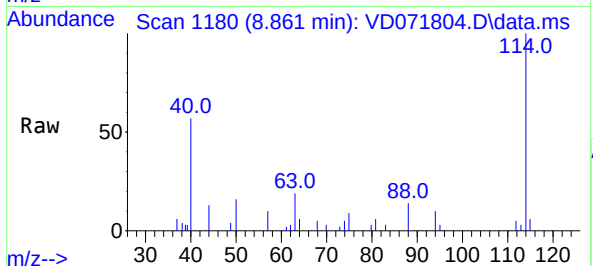




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071804.D
Acq: 27 Jan 2022 16:21

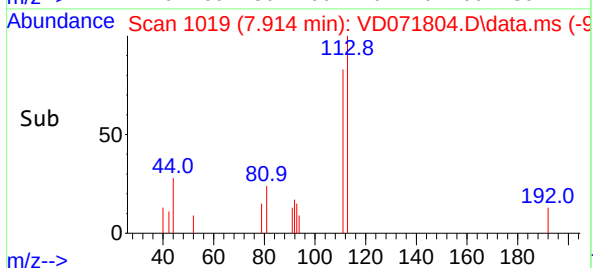
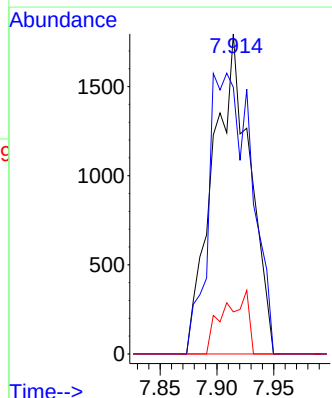
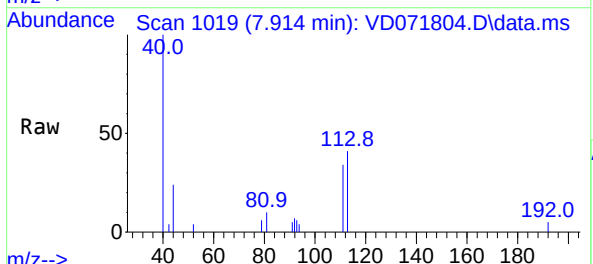
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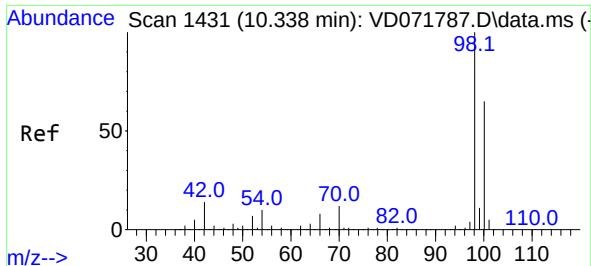
Tgt Ion:114	Resp:	13059
Ion Ratio	Lower	Upper
114	100	
63	18.7	0.0 46.6
88	13.9	0.0 33.2



#35
Dibromofluoromethane
Concen: 47.320 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071804.D
Acq: 27 Jan 2022 16:21

Tgt Ion:113	Resp:	4062
Ion Ratio	Lower	Upper
113	100	
111	101.6	83.8 125.6
192	13.2	14.6 21.8#

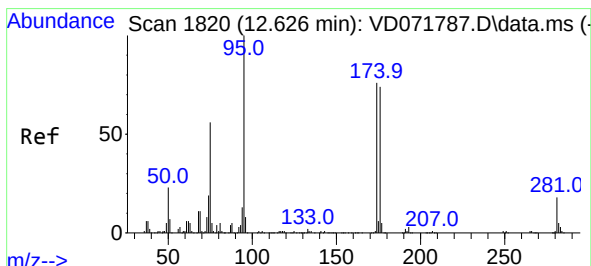
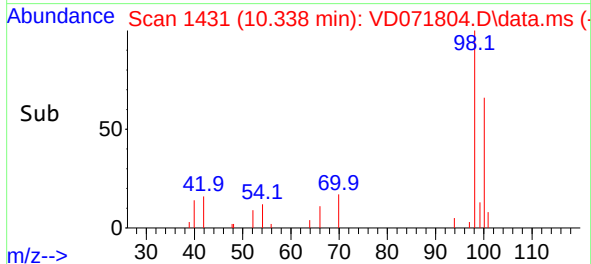
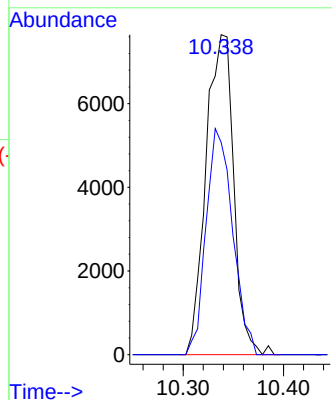
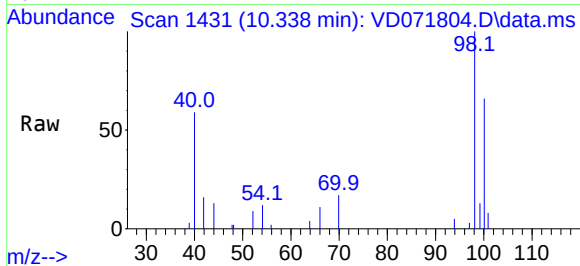




#50
Toluene-d8
Concen: 45.726 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071804.D
Acq: 27 Jan 2022 16:21

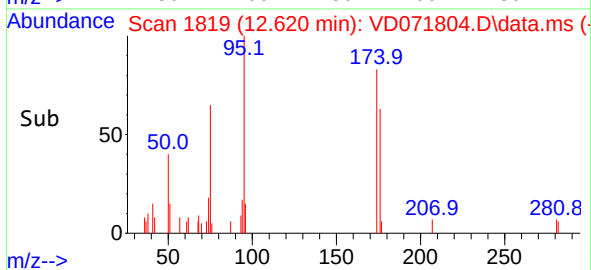
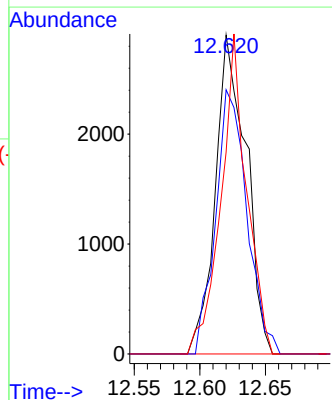
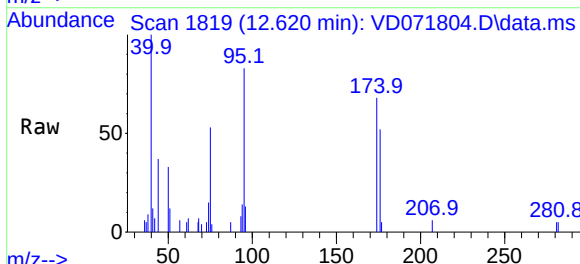
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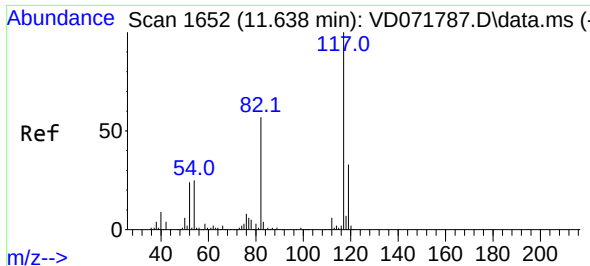
Tgt Ion: 98 Resp: 14659
Ion Ratio Lower Upper
98 100
100 67.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 42.116 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071804.D
Acq: 27 Jan 2022 16:21

Tgt Ion: 95 Resp: 4715
Ion Ratio Lower Upper
95 100
174 84.6 0.0 152.8
176 84.2 0.0 145.4

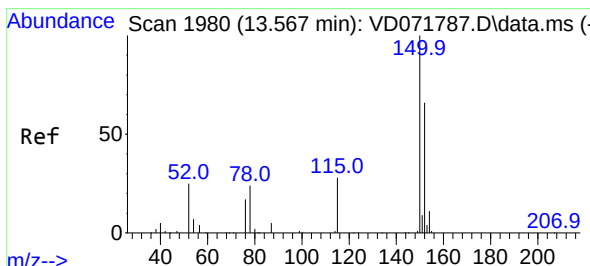
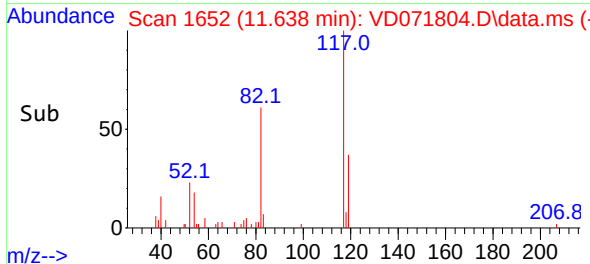
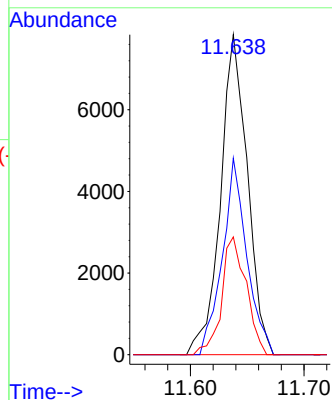
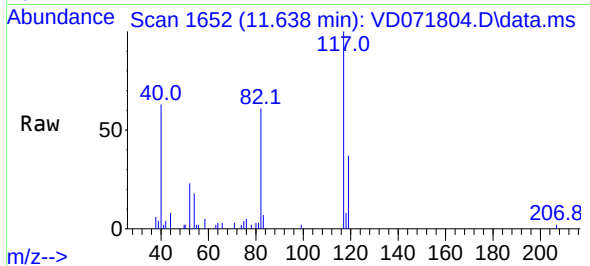




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071804.D
Acq: 27 Jan 2022 16:21

Instrument :
MSVOA_D
ClientSampleId :
VOCRE

Tgt Ion:	117	Resp:	12881
Ion	Ratio	Lower	Upper
117	100		
82	61.4	45.3	67.9
119	36.8	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071804.D
Acq: 27 Jan 2022 16:21

Tgt Ion:	152	Resp:	5195
Ion	Ratio	Lower	Upper
152	100		
115	60.4	31.3	93.8
150	140.7	0.0	348.6

