

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069749.D
 Acq On : 19 Jul 2021 13:58
 Operator : VA/SY
 Sample : M3074-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-071621

Quant Time: Jul 20 02:11:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	18337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	33963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	38090	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	17445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	18164	79.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.660%	
35) Dibromofluoromethane	7.908	113	10186	44.705	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.400%	
50) Toluene-d8	10.338	98	39826	44.991	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.980%	
62) 4-Bromofluorobenzene	12.620	95	16196	54.860	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.720%	

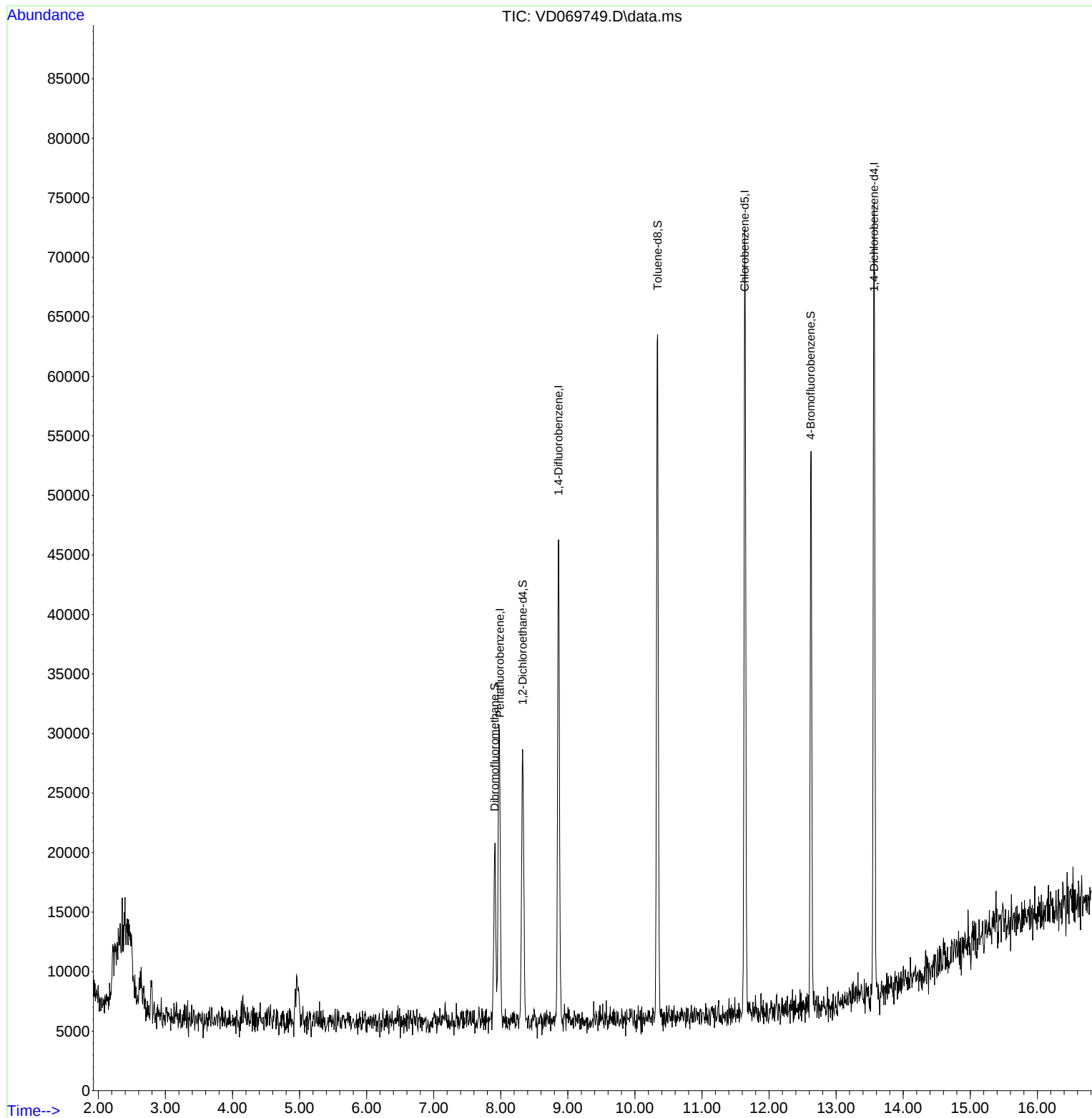
Target Compounds	Qvalue

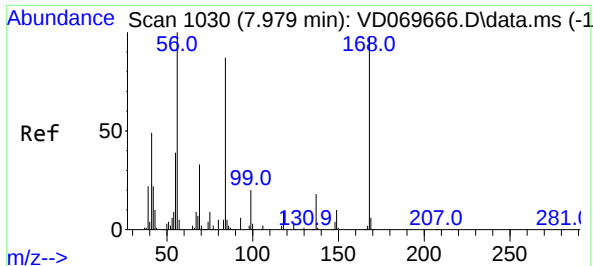
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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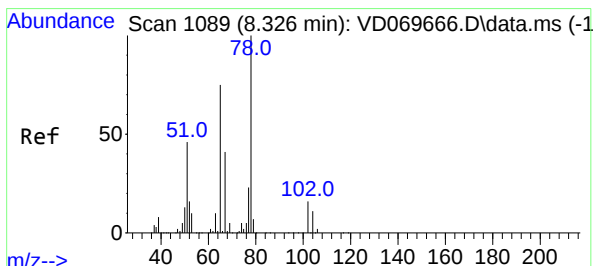
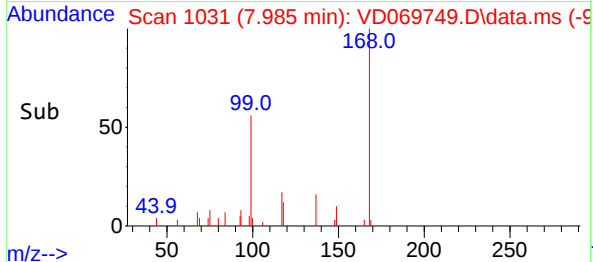
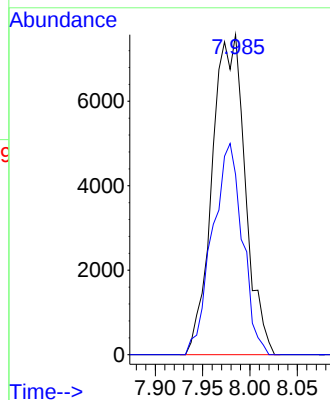
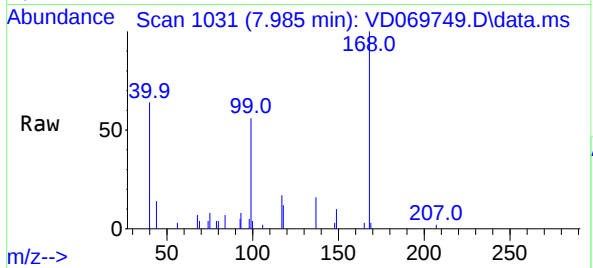




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069749.D
Acq: 19 Jul 2021 13:58

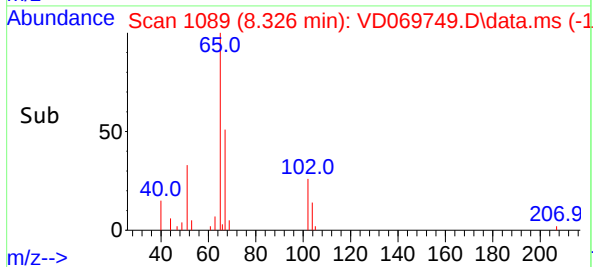
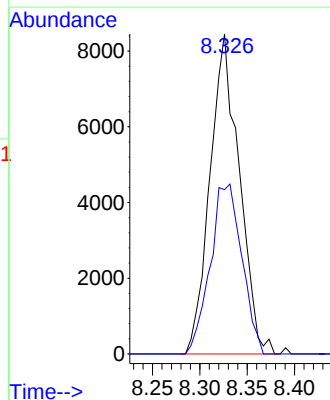
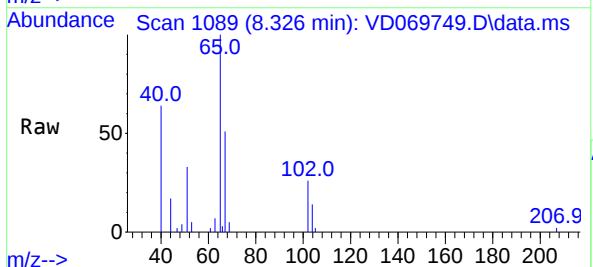
Instrument :
MSVOA_D
ClientSampleId :
OK-02-071621

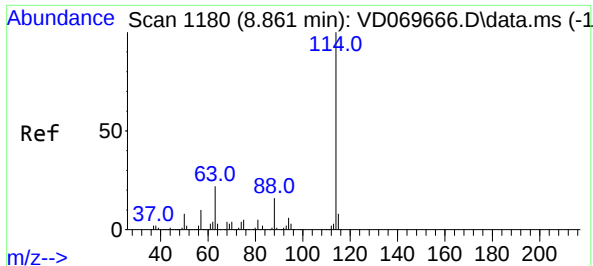
Tgt Ion:168 Resp: 18337
Ion Ratio Lower Upper
168 100
99 56.3 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 79.332 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069749.D
Acq: 19 Jul 2021 13:58

Tgt Ion: 65 Resp: 18164
Ion Ratio Lower Upper
65 100
67 57.4 0.0 107.2



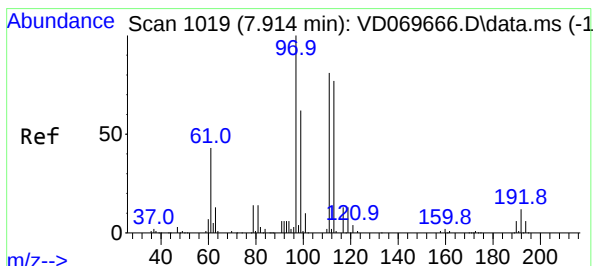
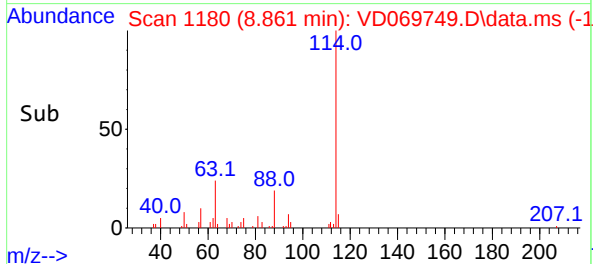
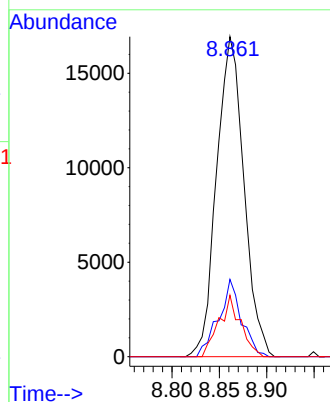
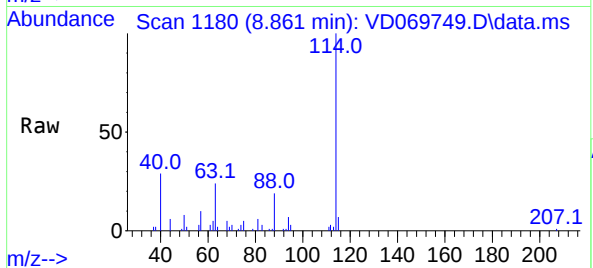


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069749.D
Acq: 19 Jul 2021 13:58

Instrument :
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OK-02-071621

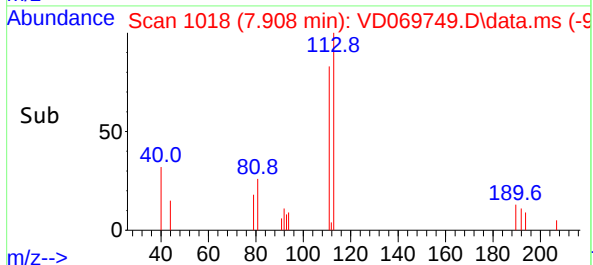
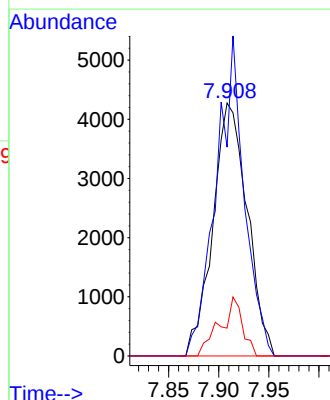
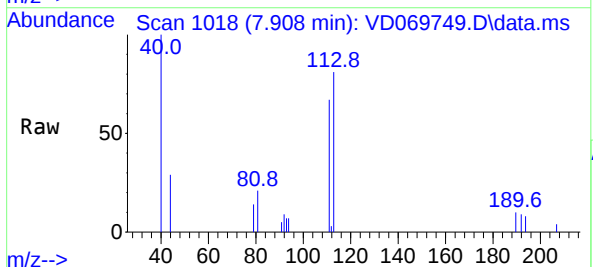
Tgt Ion:	114	Resp:	33963
Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	43.4
88	19.2	0.0	32.0

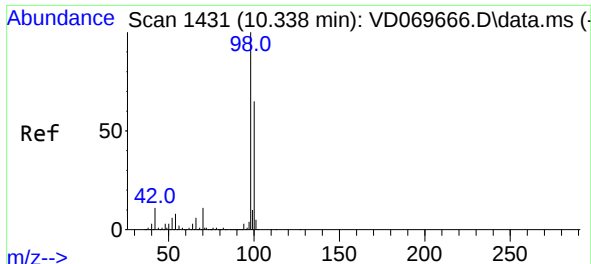


#35

Dibromofluoromethane
Concen: 44.705 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069749.D
Acq: 19 Jul 2021 13:58

Tgt Ion:	113	Resp:	10186
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	15.3	12.7	19.1

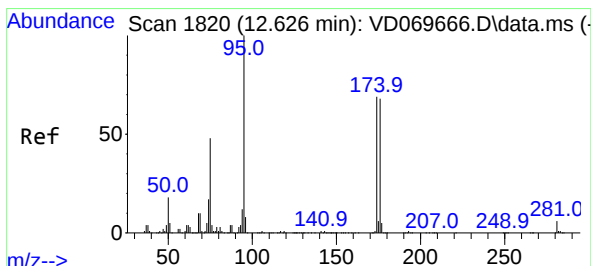
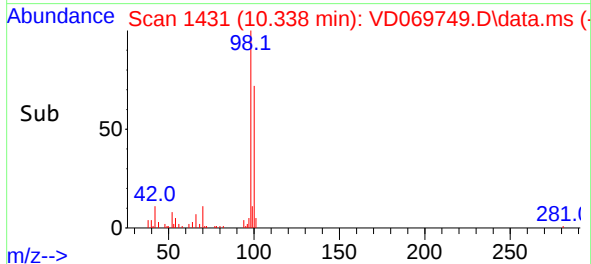
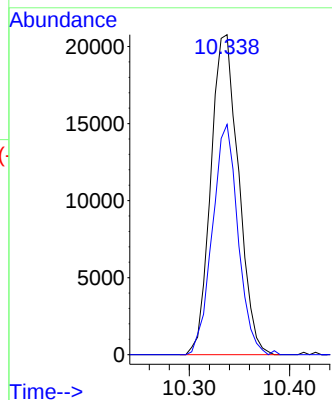
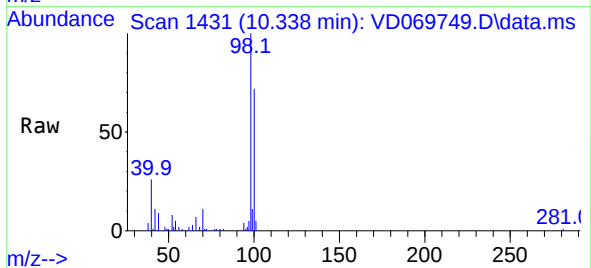




#50
Toluene-d8
Concen: 44.991 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069749.D
Acq: 19 Jul 2021 13:58

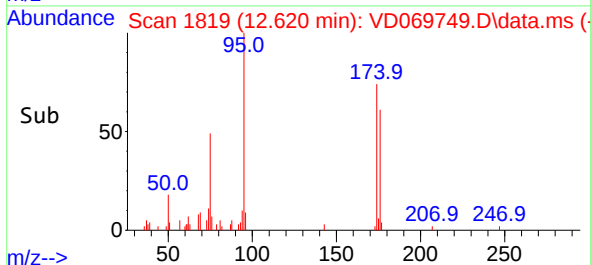
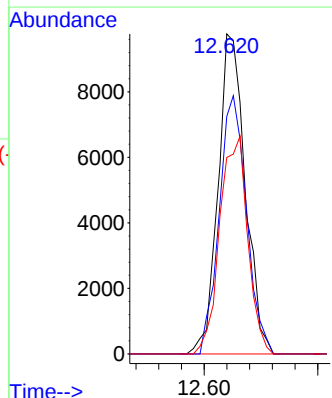
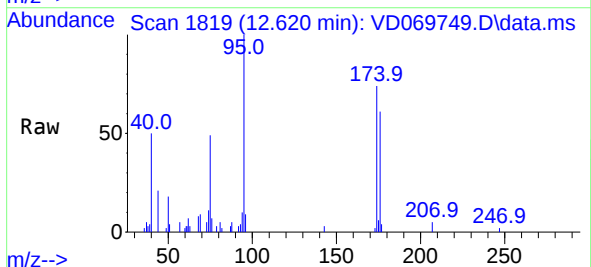
Instrument :
MSVOA_D
ClientSampleId :
OK-02-071621

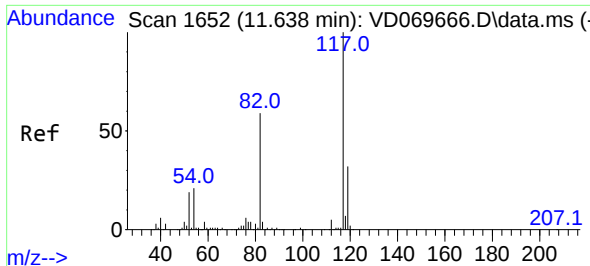
Tgt Ion: 98 Resp: 39826
Ion Ratio Lower Upper
98 100
100 66.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 54.860 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069749.D
Acq: 19 Jul 2021 13:58

Tgt Ion: 95 Resp: 16196
Ion Ratio Lower Upper
95 100
174 81.3 0.0 140.0
176 69.7 0.0 136.2

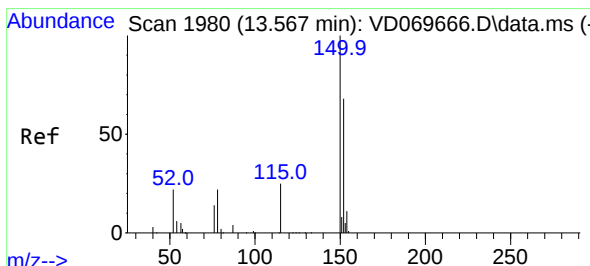
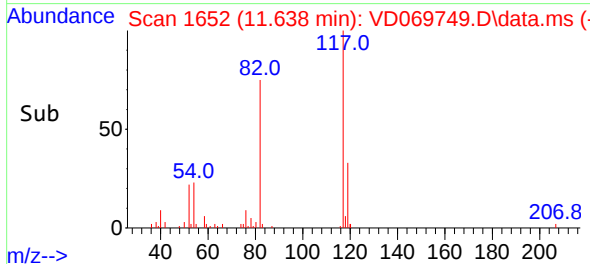
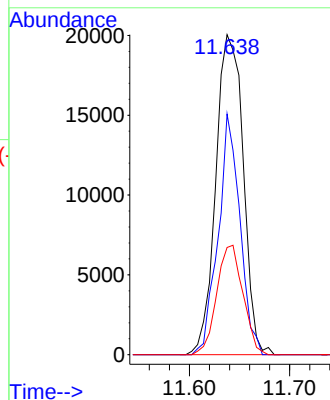
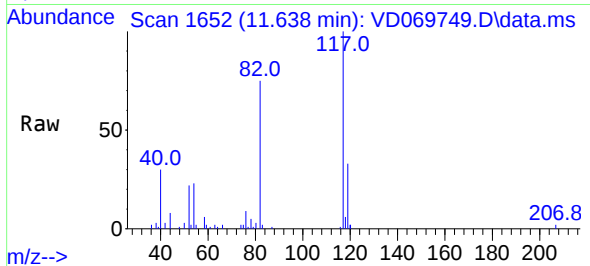




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069749.D
Acq: 19 Jul 2021 13:58

Instrument :
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ClientSampleId :
OK-02-071621

Tgt Ion:	117	Resp:	38090
Ion Ratio	Lower	Upper	
117	100		
82	75.2	47.4	71.2#
119	33.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069749.D
Acq: 19 Jul 2021 13:58

Tgt Ion:	152	Resp:	17445
Ion Ratio	Lower	Upper	
152	100		
115	66.6	31.7	95.1
150	159.8	0.0	350.4

