

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069889.D
 Acq On : 28 Jul 2021 15:25
 Operator : VA/SY
 Sample : M3202-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-072721

Quant Time: Jul 29 03:59:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	15088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	23779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	22679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	7434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	12307	70.923	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.840%
35) Dibromofluoromethane	7.908	113	8095	54.002	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.000%
50) Toluene-d8	10.337	98	29796	51.549	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.100%
62) 4-Bromofluorobenzene	12.620	95	7591	39.296	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.600%

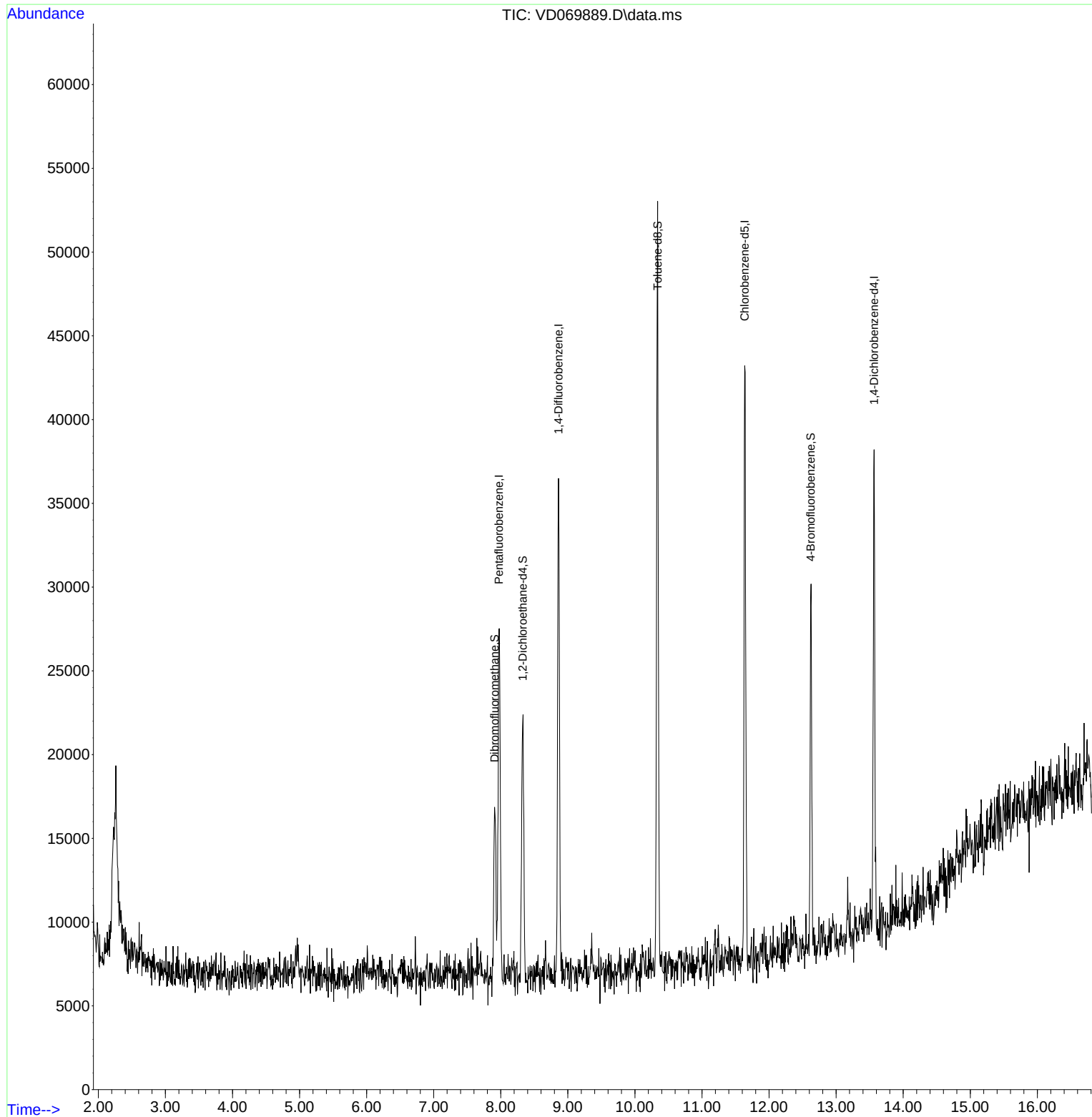
Target Compounds	Qvalue

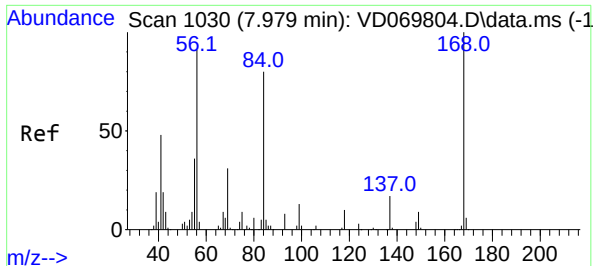
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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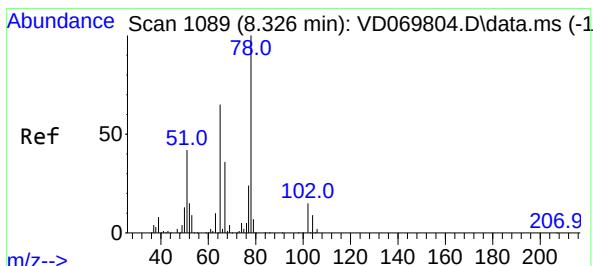
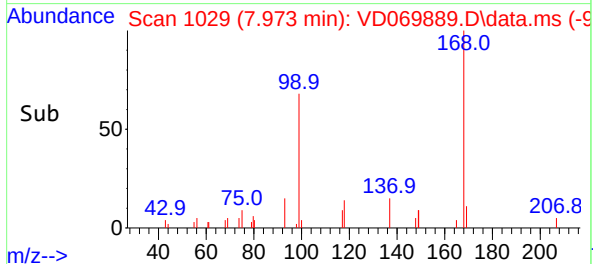
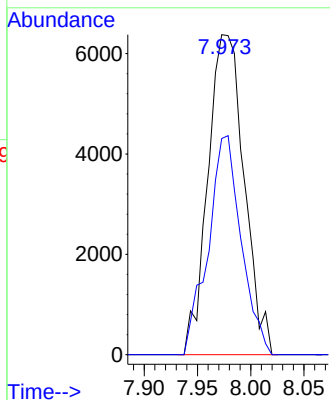
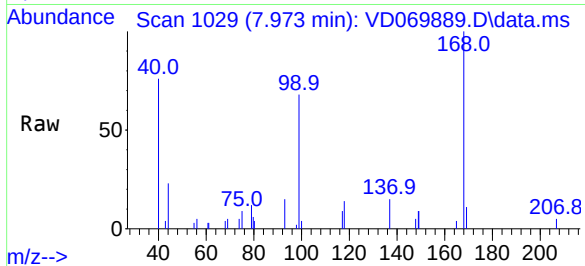




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069889.D
Acq: 28 Jul 2021 15:25

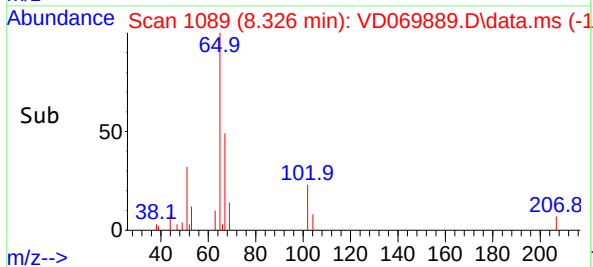
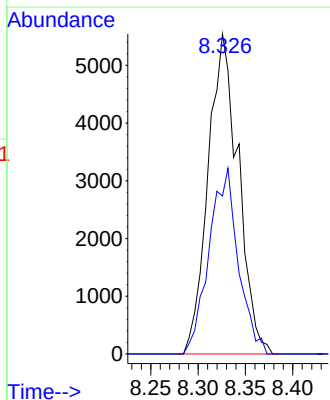
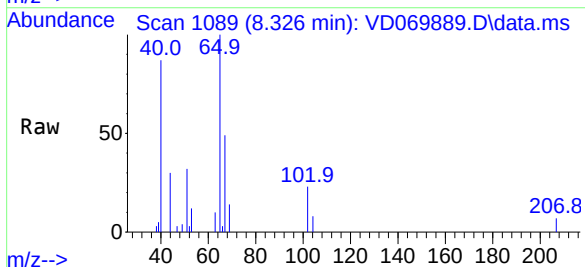
Instrument :
MSVOA_D
ClientSampleId :
CL-02-072721

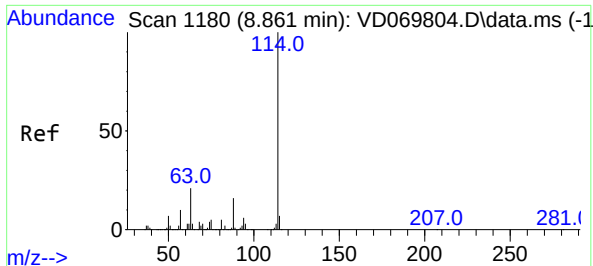
Tgt Ion:168 Resp: 15088
Ion Ratio Lower Upper
168 100
99 67.6 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 70.923 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069889.D
Acq: 28 Jul 2021 15:25

Tgt Ion: 65 Resp: 12307
Ion Ratio Lower Upper
65 100
67 56.1 0.0 111.2

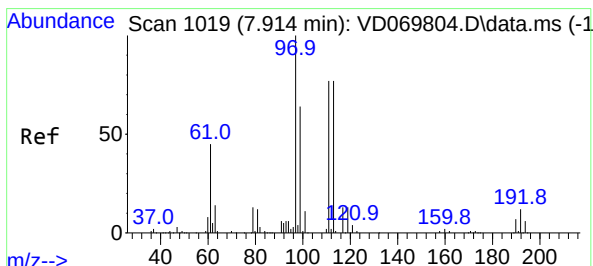
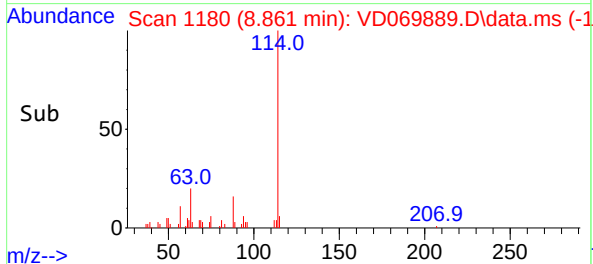
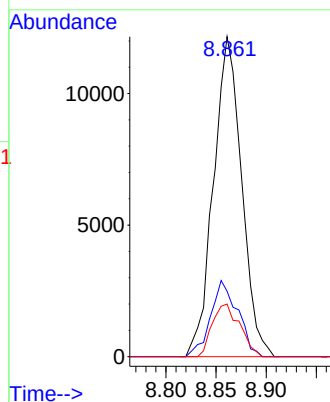
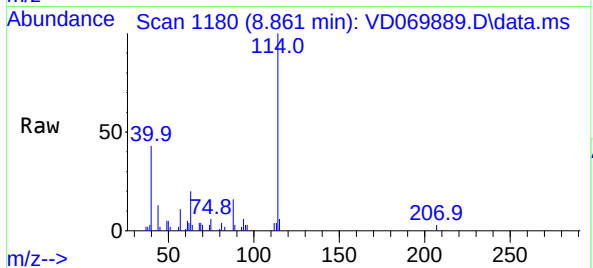




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD069889.D
Acq: 28 Jul 2021 15:25

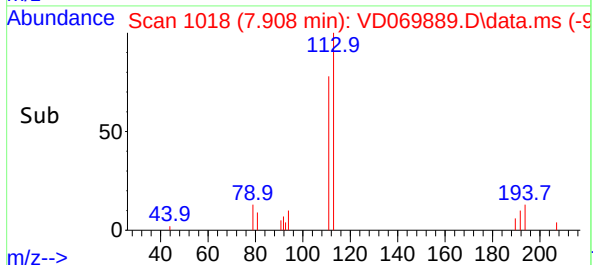
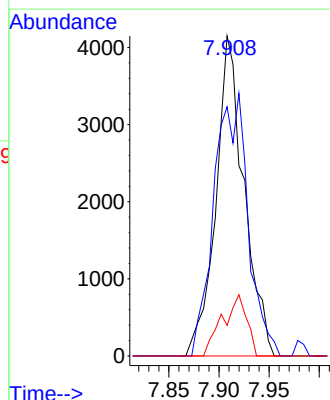
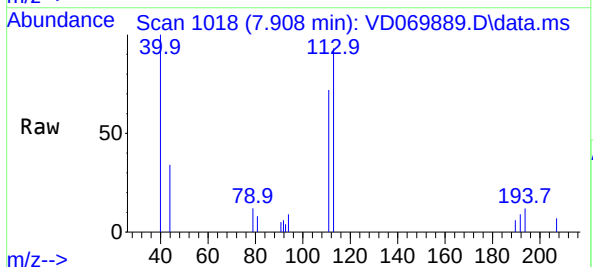
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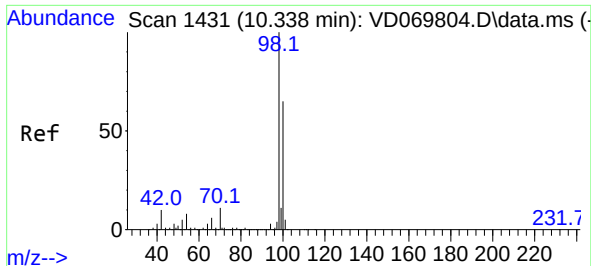
Tgt Ion:	114	Resp:	23779
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.6
88	16.4	0.0	31.4



#35
Dibromofluoromethane
Concen: 54.002 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069889.D
Acq: 28 Jul 2021 15:25

Tgt Ion:	113	Resp:	8095
Ion	Ratio	Lower	Upper
113	100		
111	98.9	80.5	120.7
192	16.5	12.6	19.0

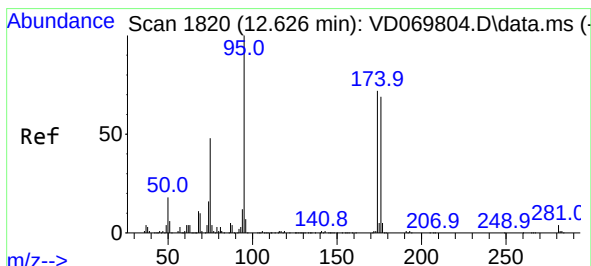
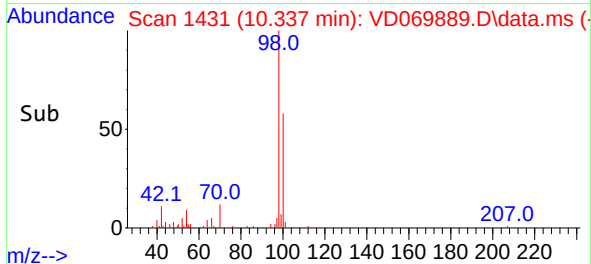
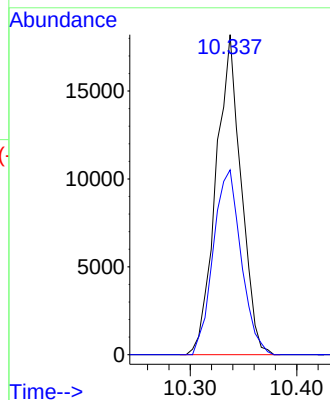
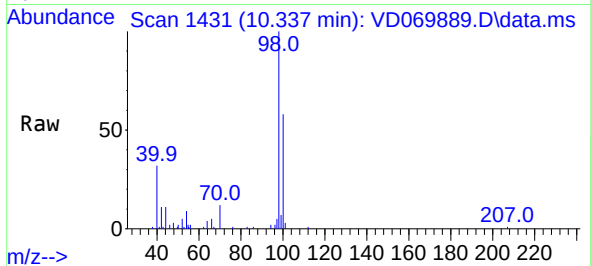




#50
Toluene-d8
Concen: 51.549 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069889.D
Acq: 28 Jul 2021 15:25

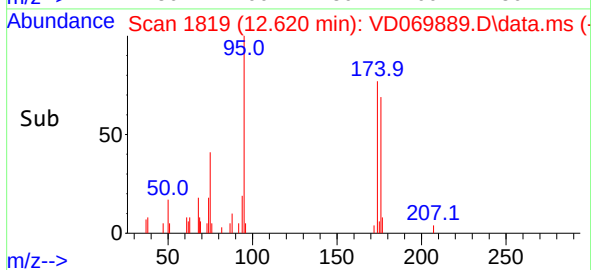
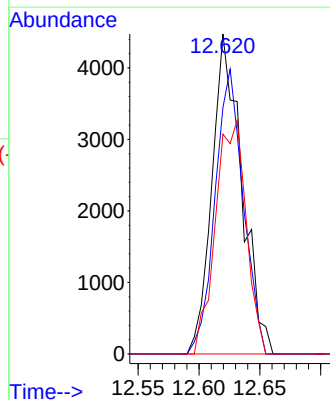
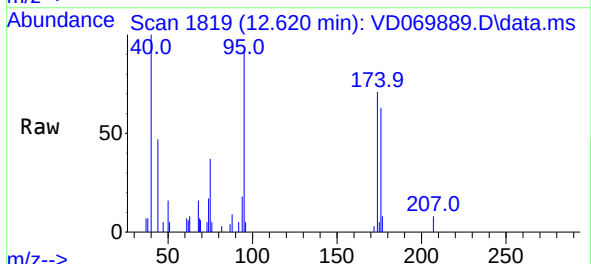
Instrument :
MSVOA_D
ClientSampleId :
CL-02-072721

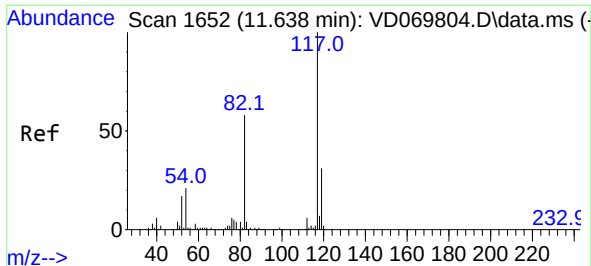
Tgt Ion: 98 Resp: 29796
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 39.296 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069889.D
Acq: 28 Jul 2021 15:25

Tgt Ion: 95 Resp: 7591
Ion Ratio Lower Upper
95 100
174 84.4 0.0 142.6
176 75.1 0.0 134.2

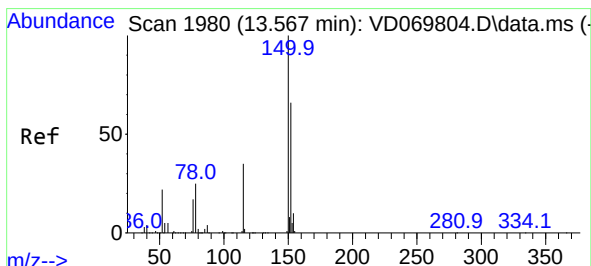
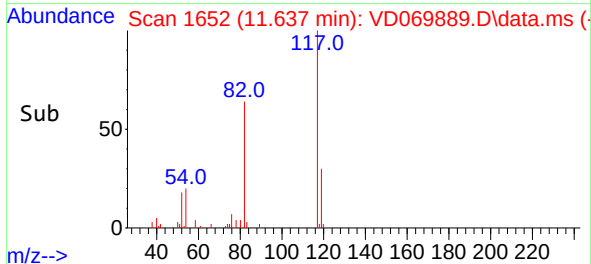
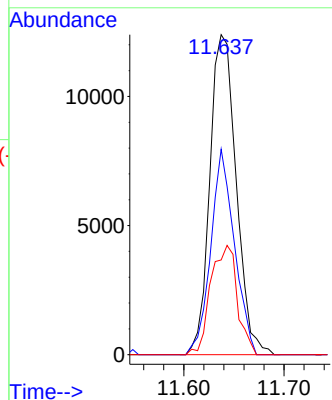
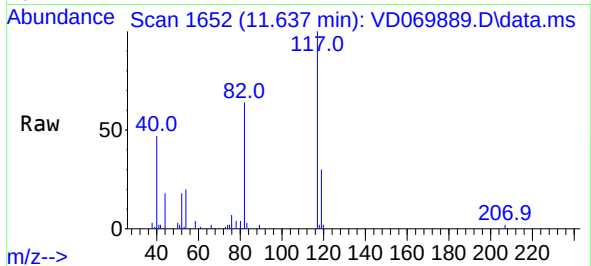




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069889.D
Acq: 28 Jul 2021 15:25

Instrument :
MSVOA_D
ClientSampleId :
CL-02-072721

Tgt Ion:	117	Resp:	22679
Ion Ratio	Lower	Upper	
117	100		
82	64.2	46.3	69.5
119	29.6	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069889.D
Acq: 28 Jul 2021 15:25

Tgt Ion:	152	Resp:	7434
Ion Ratio	Lower	Upper	
152	100		
115	69.3	31.1	93.3
150	156.4	0.0	343.0

