

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070721\
 Data File : VD069614.D
 Acq On : 07 Jul 2021 17:58
 Operator : VA/SY
 Sample : M2938-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-070221

Quant Time: Jul 08 01:08:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	148314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	284637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	344684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	154314	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	159136	86.080	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	172.160%#
35) Dibromofluoromethane	7.914	113	129704	67.411	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	134.820%
50) Toluene-d8	10.337	98	376290	52.138	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.626	95	143911	60.654	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.300%

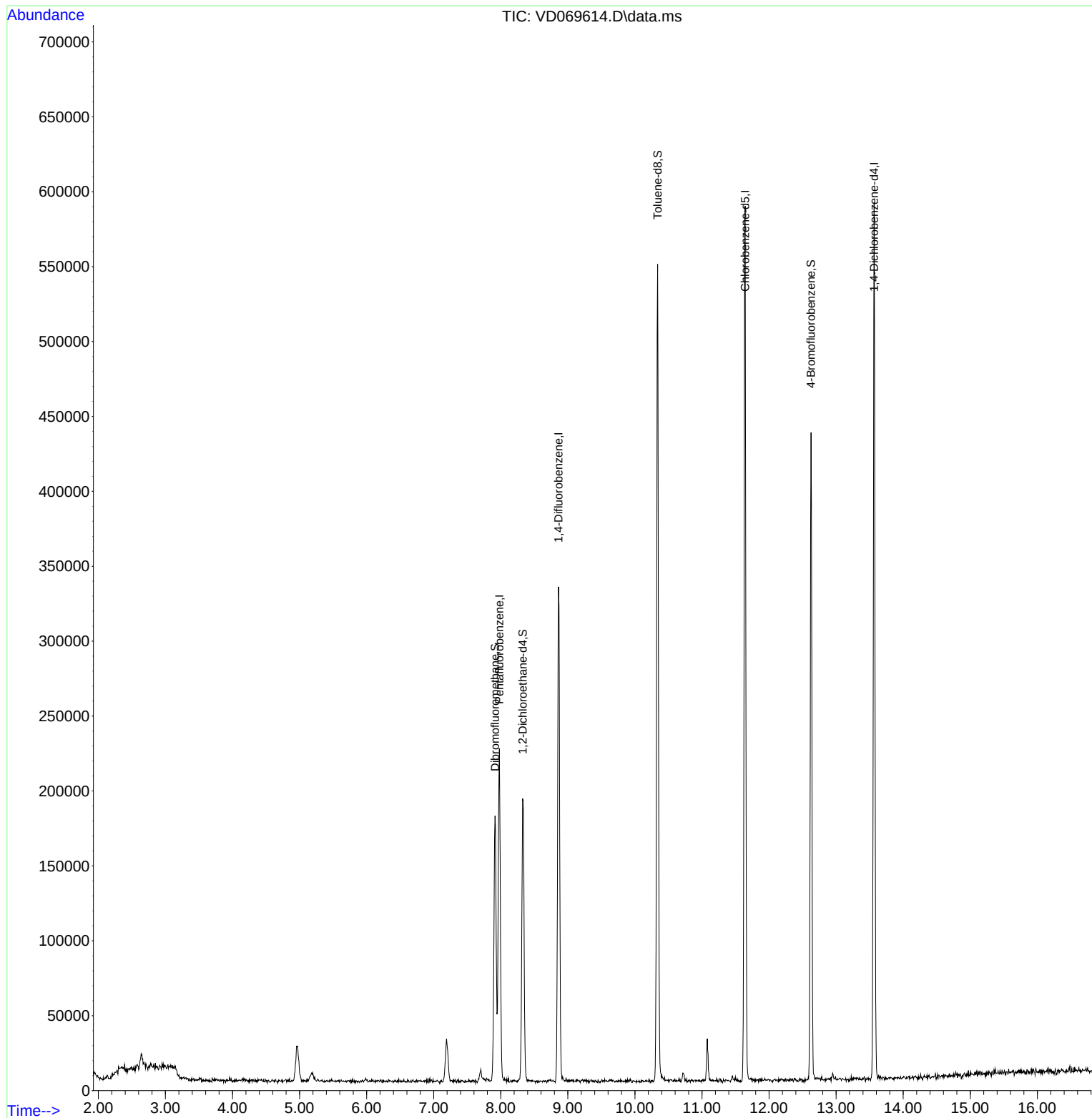
Target Compounds	Qvalue

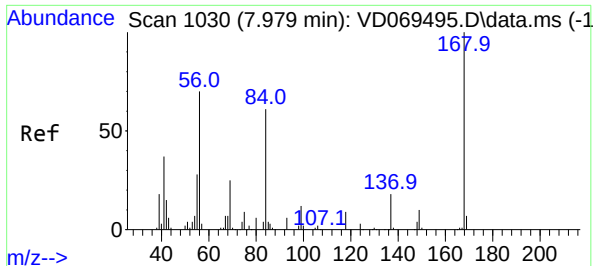
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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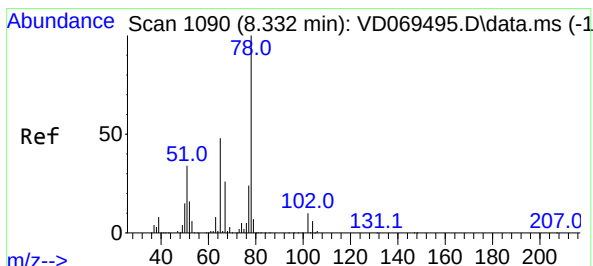
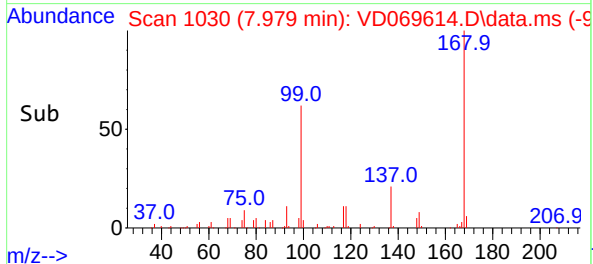
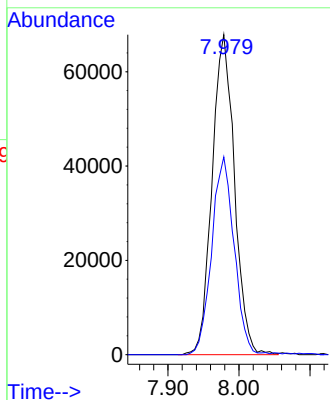
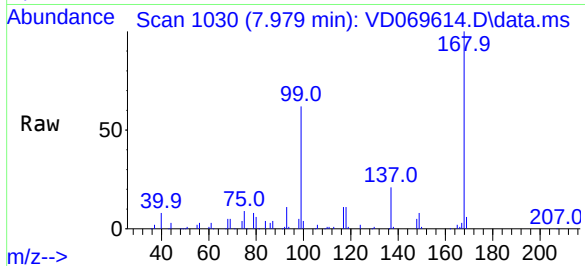




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069614.D
Acq: 07 Jul 2021 17:58

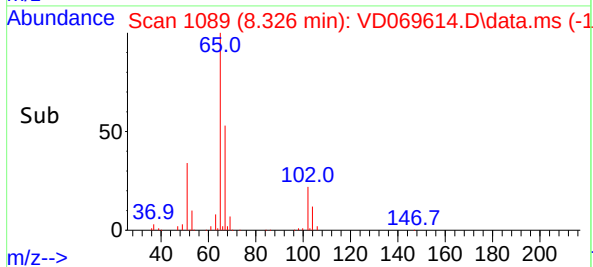
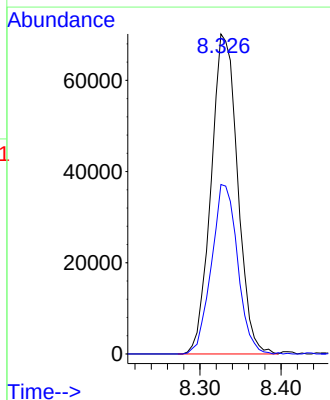
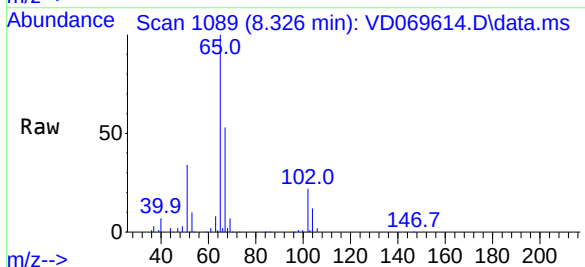
Instrument :
MSVOA_D
ClientSampleId :
OK-01-070221

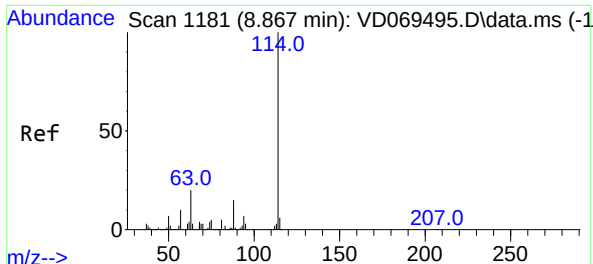
Tgt Ion:168 Resp: 148314
Ion Ratio Lower Upper
168 100
99 61.8 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 86.080 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069614.D
Acq: 07 Jul 2021 17:58

Tgt Ion: 65 Resp: 159136
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.6



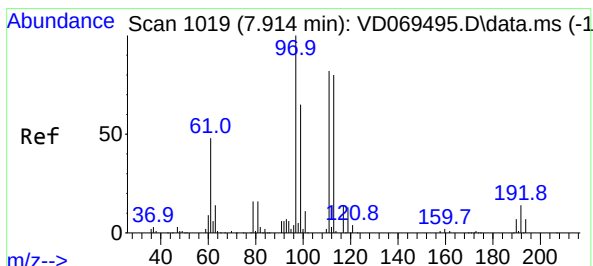
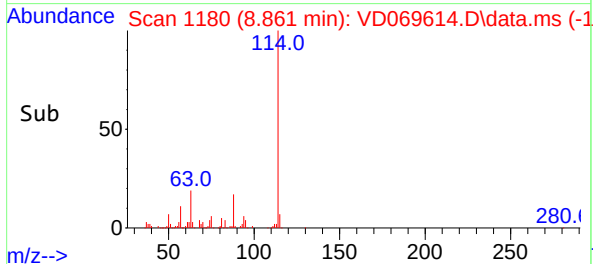
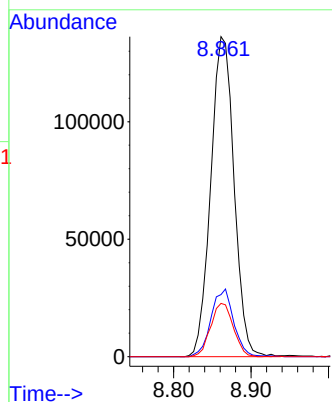
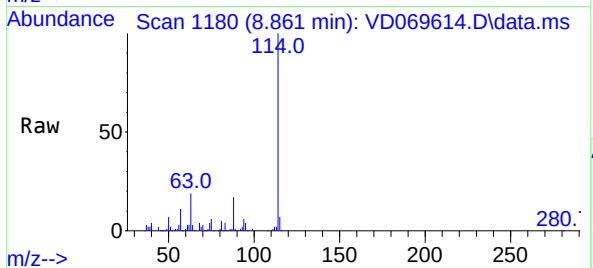


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069614.D
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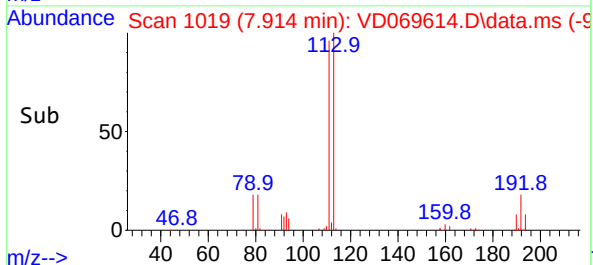
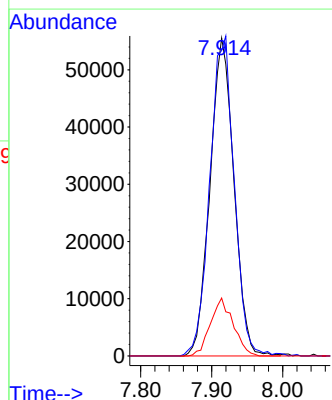
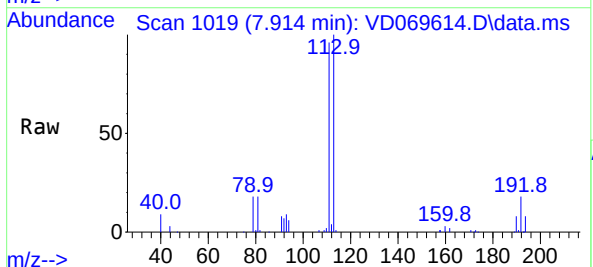
Tgt Ion:114 Resp: 284637
Ion Ratio Lower Upper
114 100
63 19.4 0.0 39.6
88 16.7 0.0 29.8

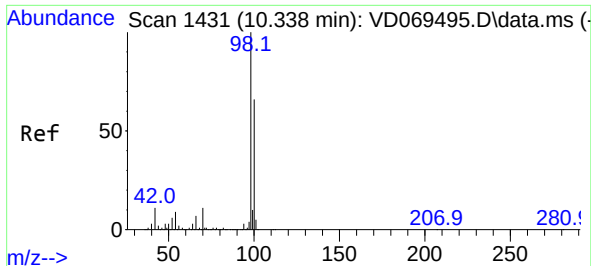


#35

Dibromofluoromethane
Concen: 67.411 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069614.D
Acq: 07 Jul 2021 17:58

Tgt Ion:113 Resp: 129704
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 17.4 13.8 20.6

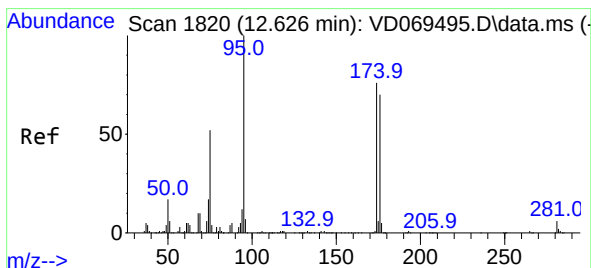
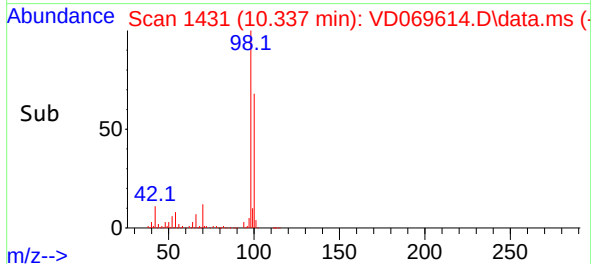
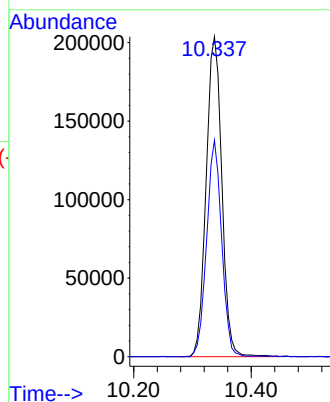
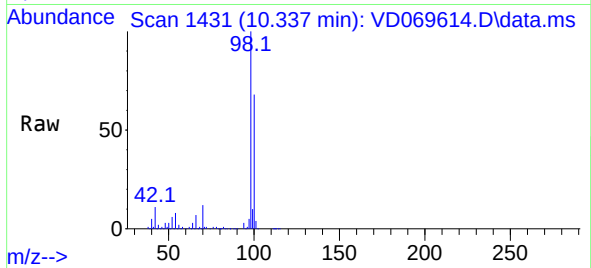




#50
Toluene-d8
Concen: 52.138 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069614.D
Acq: 07 Jul 2021 17:58

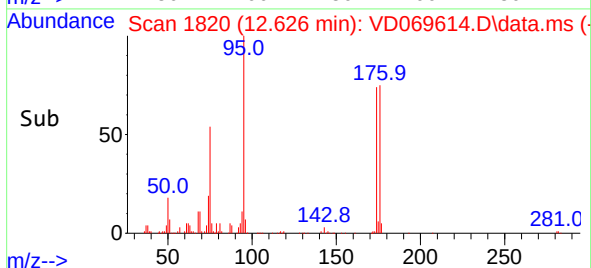
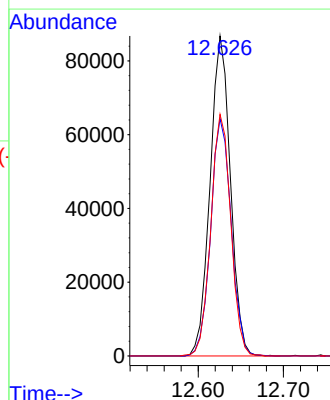
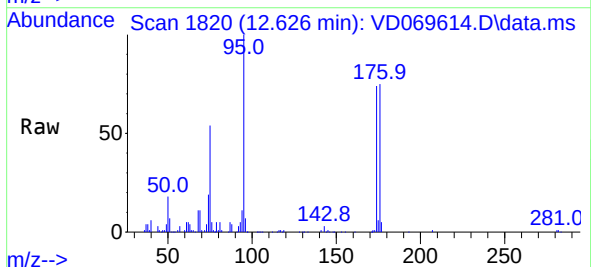
Instrument :
MSVOA_D
ClientSampleId :
OK-01-070221

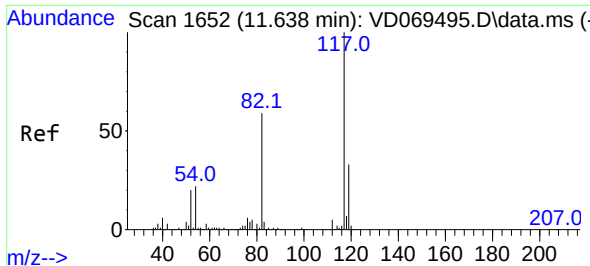
Tgt Ion: 98 Resp: 376290
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 60.654 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069614.D
Acq: 07 Jul 2021 17:58

Tgt Ion: 95 Resp: 143911
Ion Ratio Lower Upper
95 100
174 74.6 0.0 148.0
176 74.1 0.0 139.8

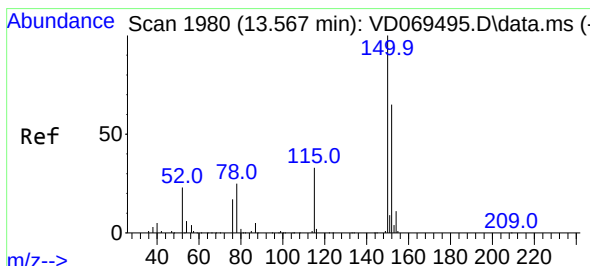
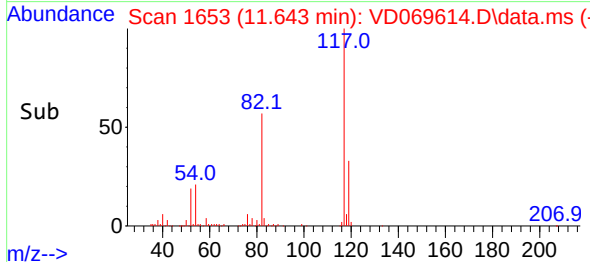
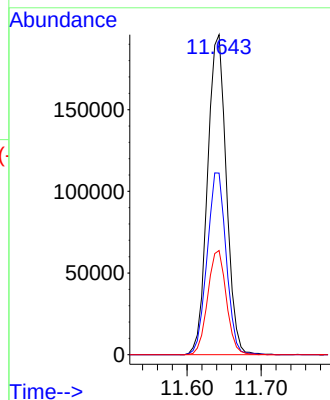
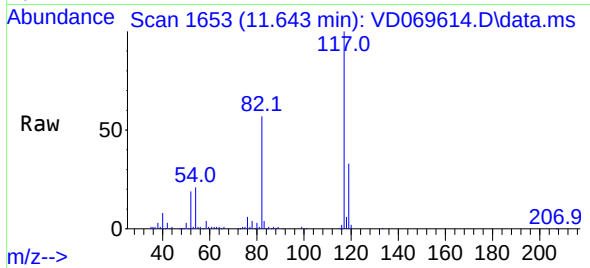




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.005 min
Lab File: VD069614.D
Acq: 07 Jul 2021 17:58

Instrument :
MSVOA_D
ClientSampleId :
OK-01-070221

Tgt Ion:	117	Resp:	344684
Ion	Ratio	Lower	Upper
117	100		
82	56.7	46.8	70.2
119	32.5	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069614.D
Acq: 07 Jul 2021 17:58

Tgt Ion:	152	Resp:	154314
Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.7	95.1
150	156.1	0.0	350.8

