

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070621\
 Data File : VD069589.D
 Acq On : 06 Jul 2021 18:37
 Operator : VA/SY
 Sample : M2938-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-070221

Quant Time: Jul 07 04:54:56 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	83511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	171162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	197172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	85054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	88230	84.759	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	169.520%#
35) Dibromofluoromethane	7.914	113	73318	63.368	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.740%
50) Toluene-d8	10.337	98	220560	50.821	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.640%
62) 4-Bromofluorobenzene	12.625	95	80988	56.763	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.520%

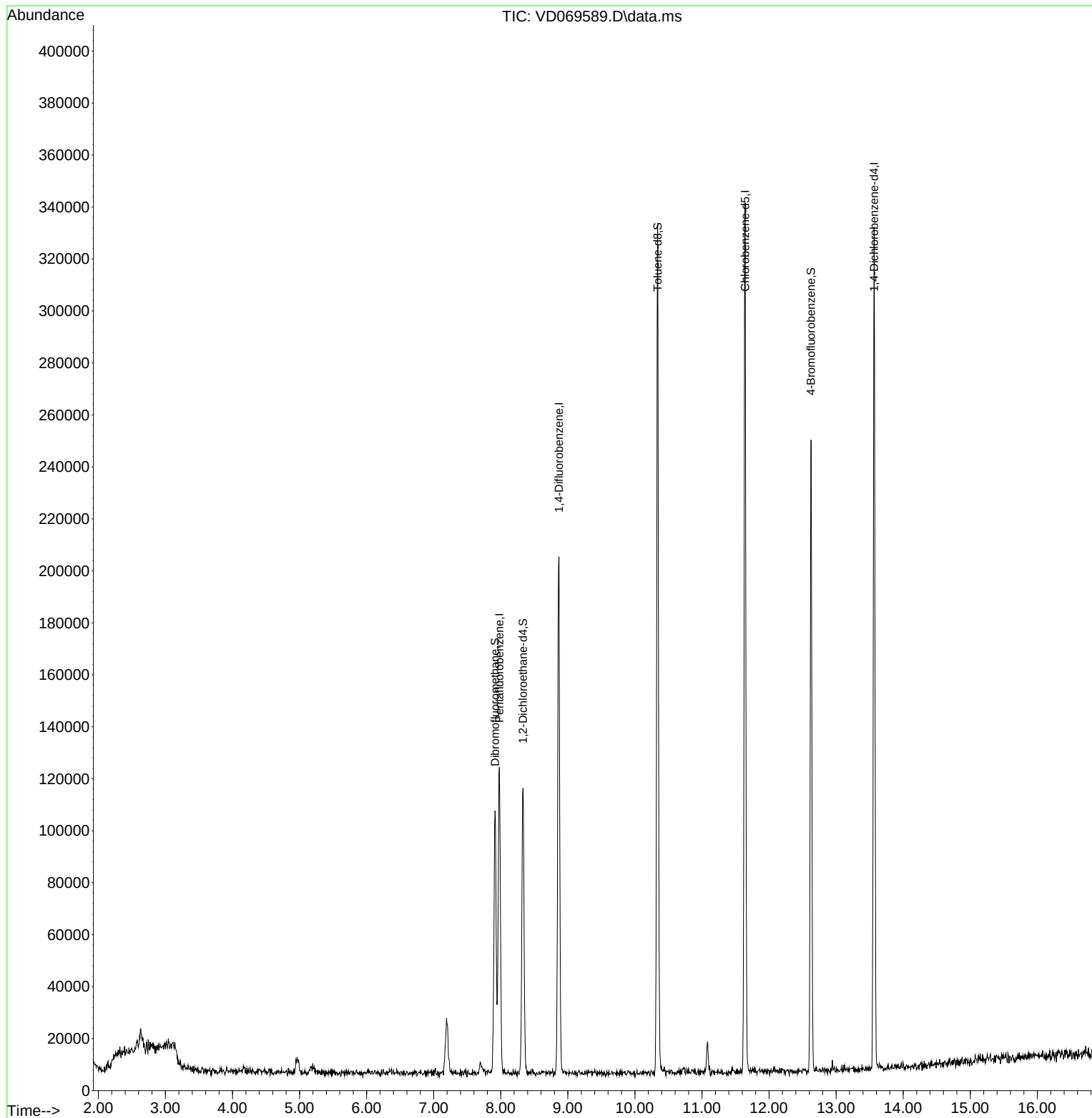
Target Compounds	Qvalue

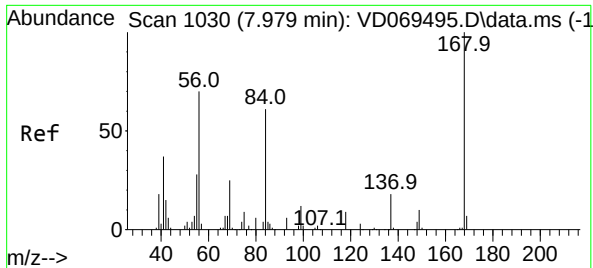
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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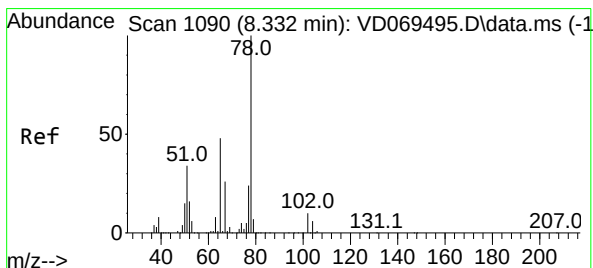
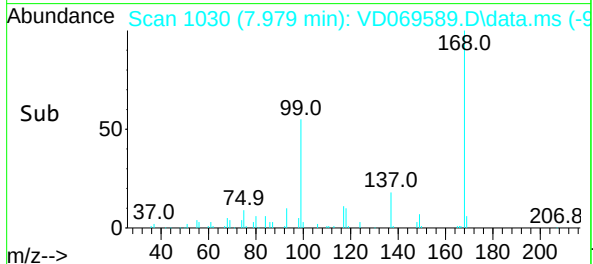
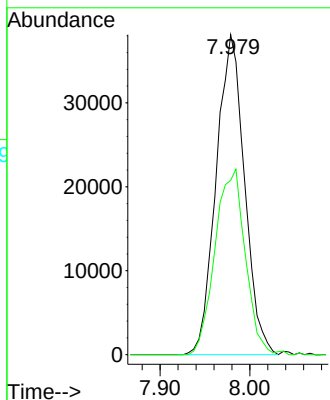
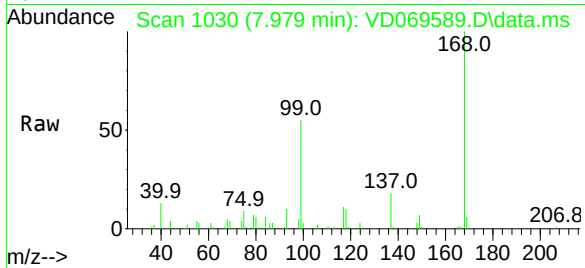




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069589.D
Acq: 06 Jul 2021 18:37

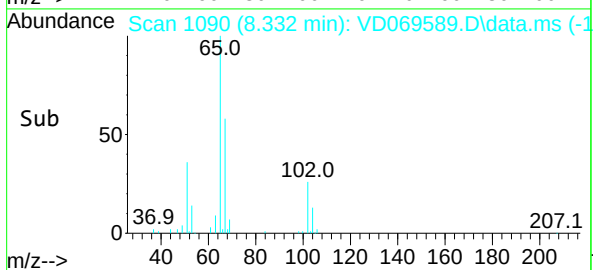
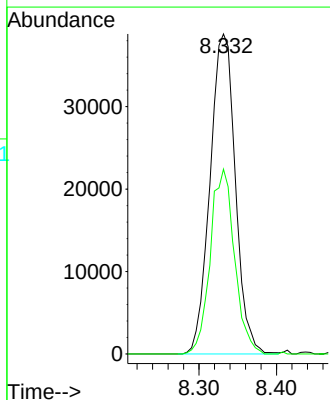
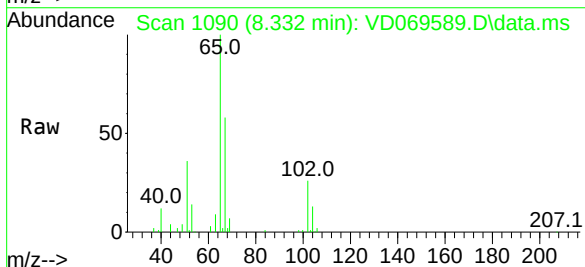
Instrument :
MSVOA_D
ClientSampleId :
OK-01-070221

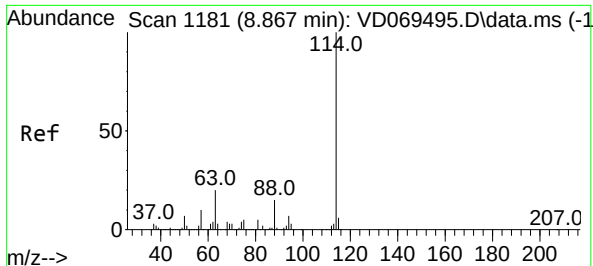
Tgt Ion:168 Resp: 83511
Ion Ratio Lower Upper
168 100
99 54.5 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 84.759 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.001 min
Lab File: VD069589.D
Acq: 06 Jul 2021 18:37

Tgt Ion: 65 Resp: 88230
Ion Ratio Lower Upper
65 100
67 55.0 0.0 105.6

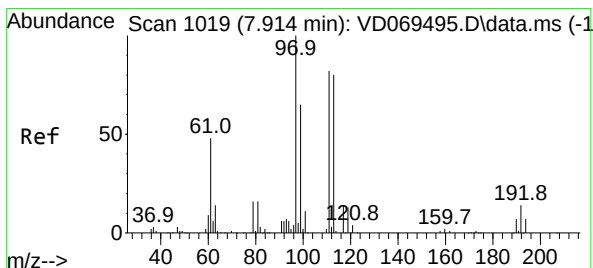
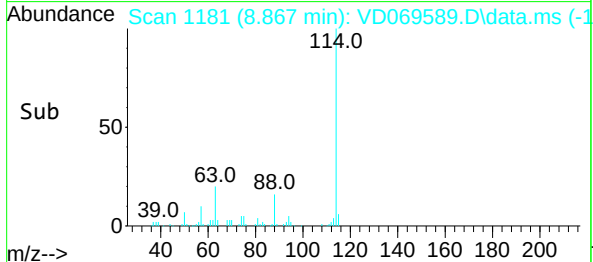
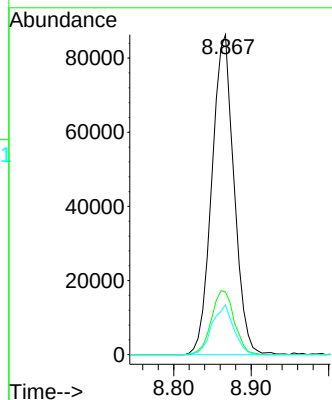
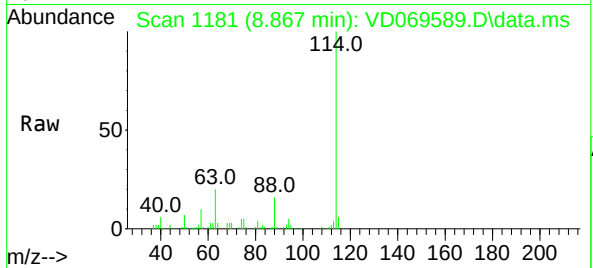




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069589.D
Acq: 06 Jul 2021 18:37

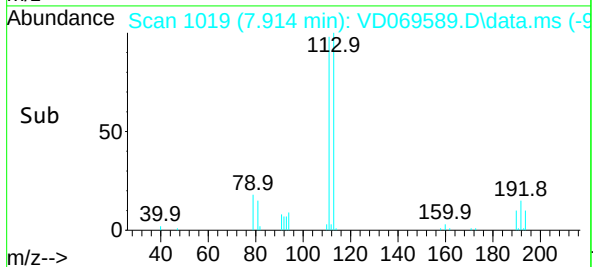
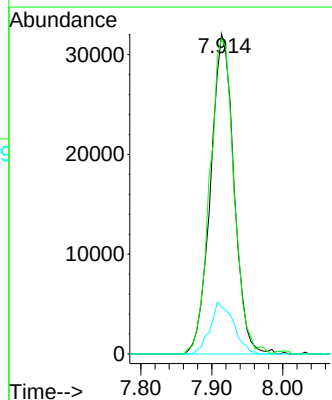
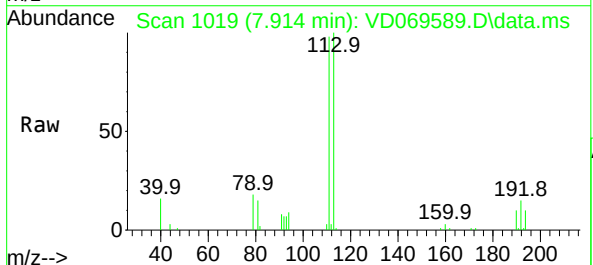
Instrument :
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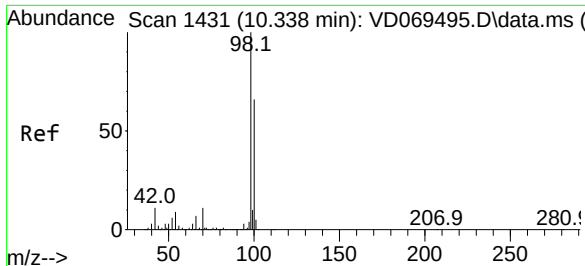
Tgt Ion:114	Resp:	171162
Ion Ratio	Lower	Upper
114	100	
63	19.6	0.0 39.6
88	15.6	0.0 29.8



#35
Dibromofluoromethane
Concen: 63.368 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.001 min
Lab File: VD069589.D
Acq: 06 Jul 2021 18:37

Tgt Ion:113	Resp:	73318
Ion Ratio	Lower	Upper
113	100	
111	102.0	81.8 122.8
192	16.2	13.8 20.6

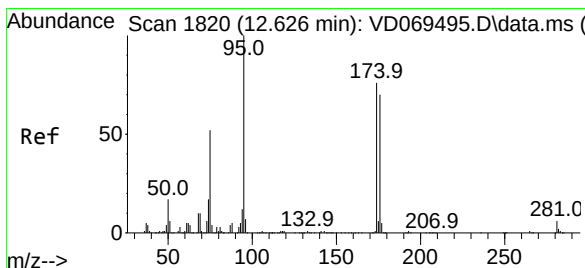
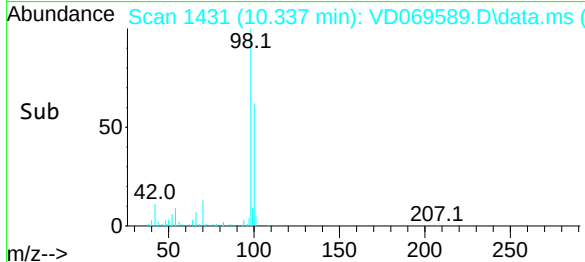
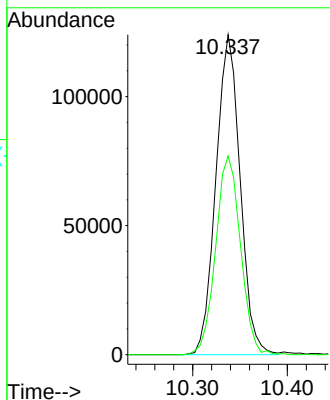
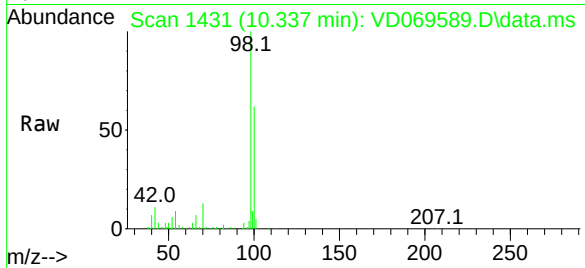




#50
Toluene-d8
Concen: 50.821 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069589.D
Acq: 06 Jul 2021 18:37

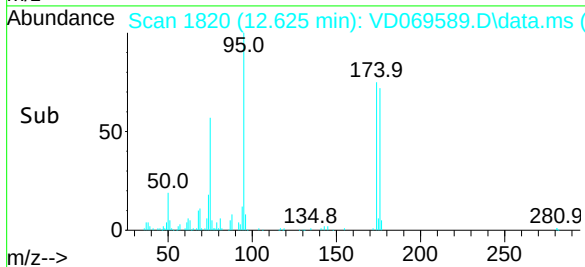
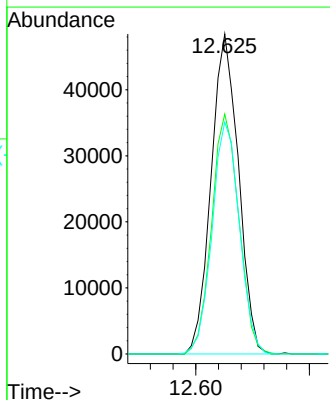
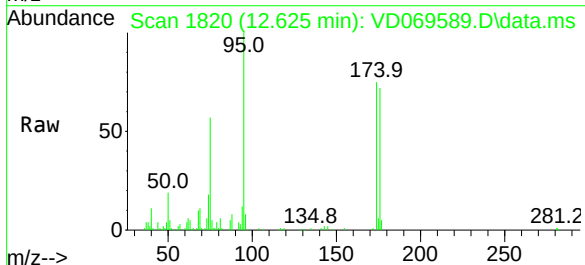
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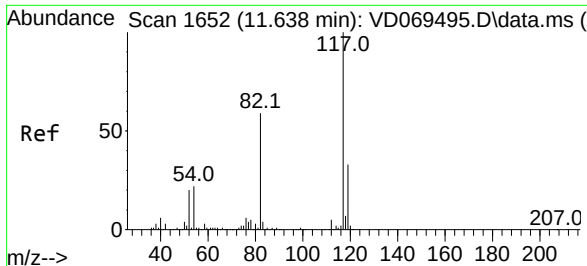
Tgt Ion: 98 Resp: 220560
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 56.763 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.001 min
Lab File: VD069589.D
Acq: 06 Jul 2021 18:37

Tgt Ion: 95 Resp: 80988
Ion Ratio Lower Upper
95 100
174 74.7 0.0 148.0
176 72.4 0.0 139.8

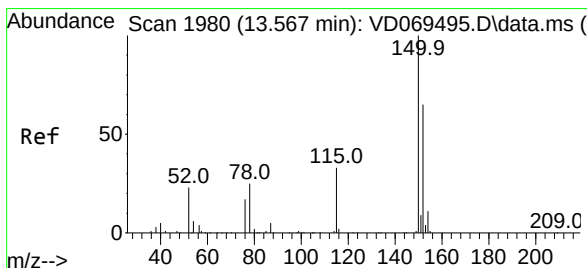
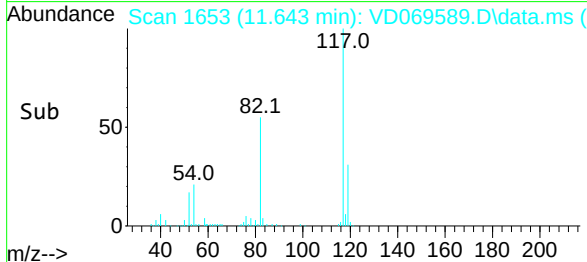
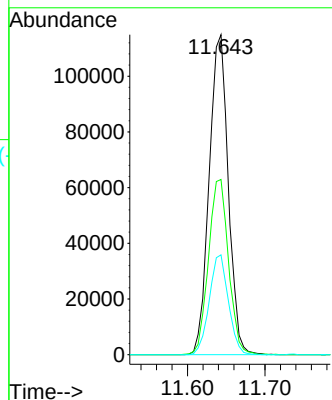
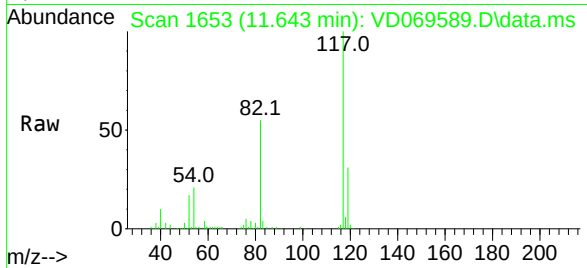




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.005 min
Lab File: VD069589.D
Acq: 06 Jul 2021 18:37

Instrument :
MSVOA_D
ClientSampleId :
OK-01-070221

Tgt Ion:117 Resp: 197172
Ion Ratio Lower Upper
117 100
82 54.7 46.8 70.2
119 31.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.001 min
Lab File: VD069589.D
Acq: 06 Jul 2021 18:37

Tgt Ion:152 Resp: 85054
Ion Ratio Lower Upper
152 100
115 58.9 31.7 95.1
150 159.9 0.0 350.8

