

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069306.D
 Acq On : 02 Jun 2021 17:26
 Operator : VA/SY
 Sample : M2575-02
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Jun 03 01:10:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	276665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	589792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	597547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	257541	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	197745	74.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.980%
35) Dibromofluoromethane	7.914	113	213705	57.700	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.400%
50) Toluene-d8	10.338	98	758690	56.332	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.660%
62) 4-Bromofluorobenzene	12.626	95	241110	54.634	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.260%

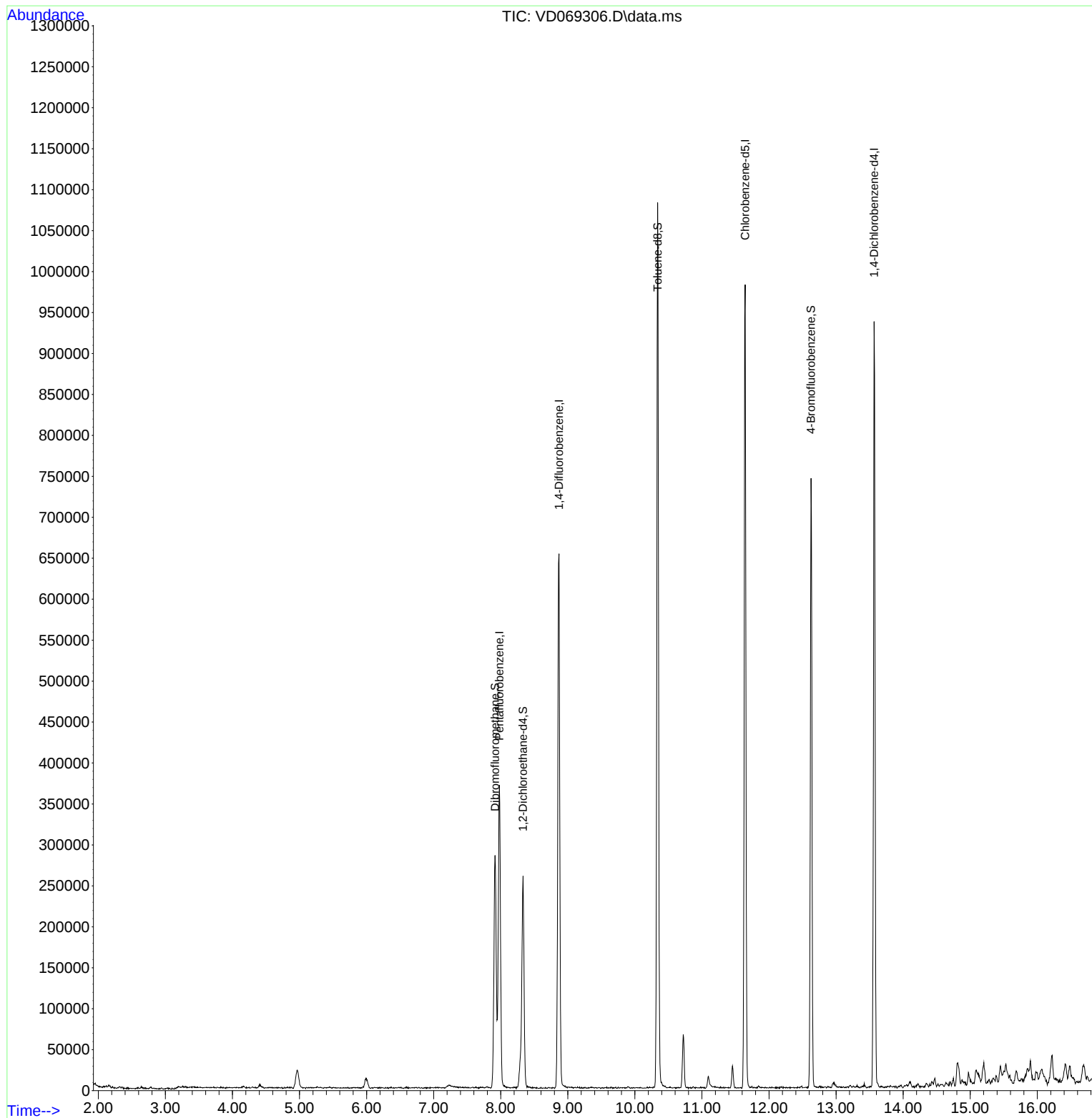
Target Compounds	Qvalue

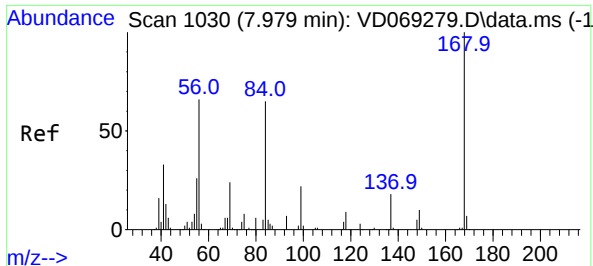
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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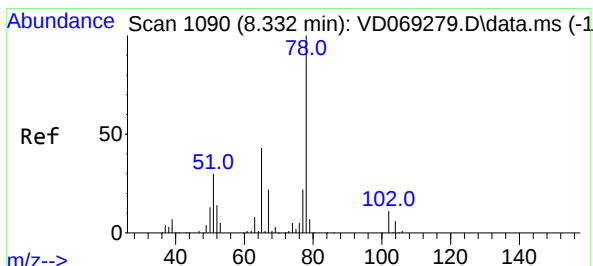
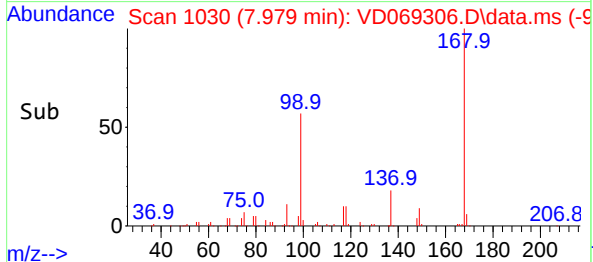
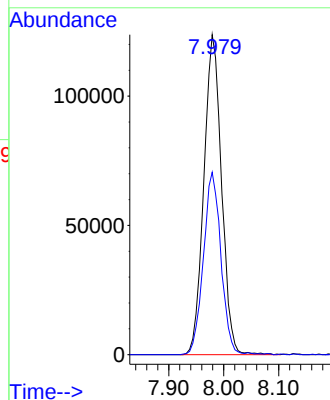
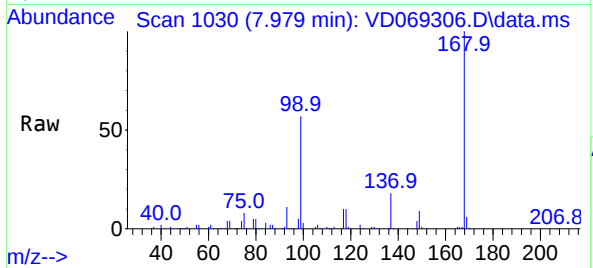




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

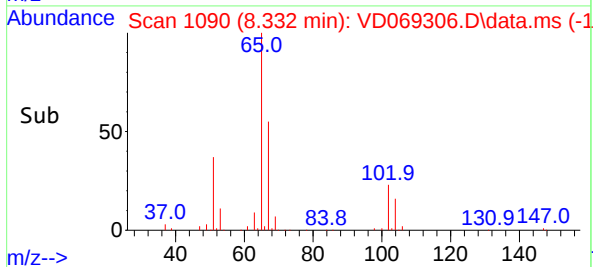
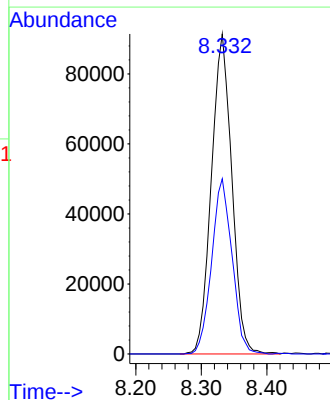
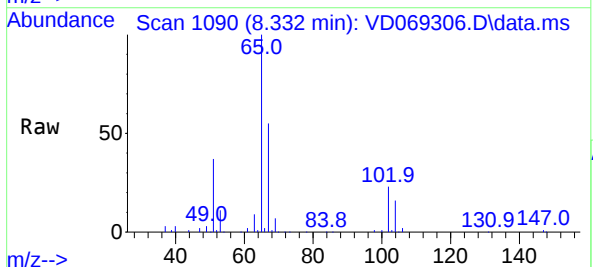
Instrument :
MSVOA_D
ClientSampleId :
VOC

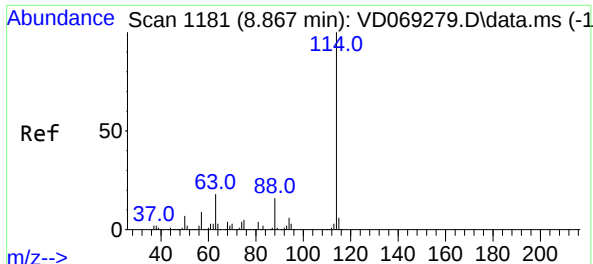
Tgt Ion:168 Resp: 276665
Ion Ratio Lower Upper
168 100
99 57.0 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 74.490 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

Tgt Ion: 65 Resp: 197745
Ion Ratio Lower Upper
65 100
67 54.6 0.0 105.8



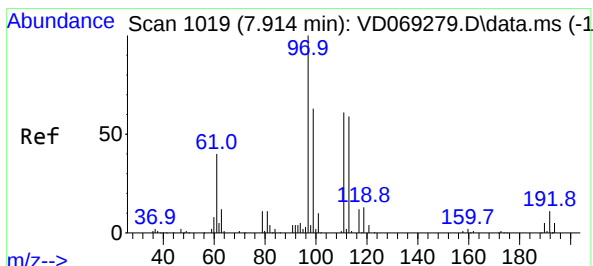
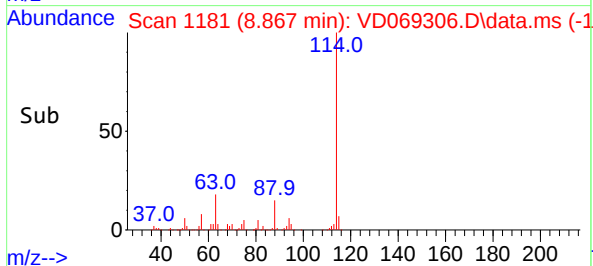
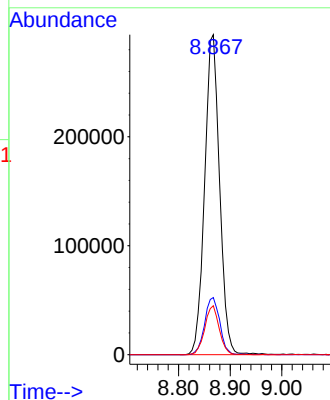
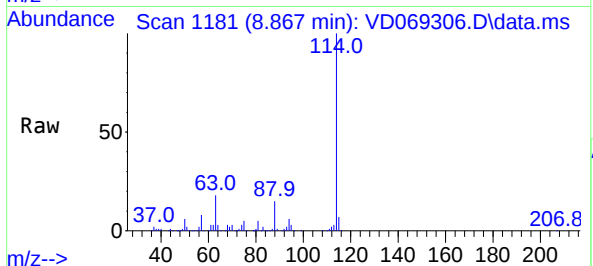


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

Instrument :
MSVOA_D
ClientSampled :
VOC

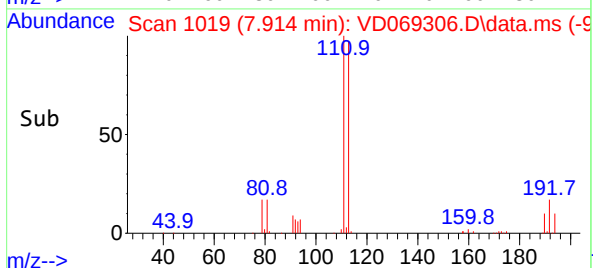
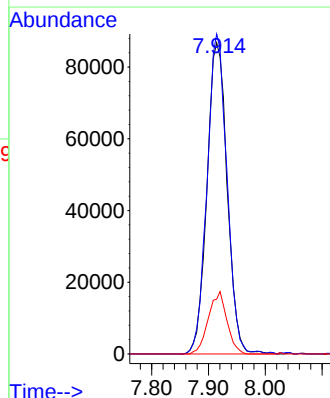
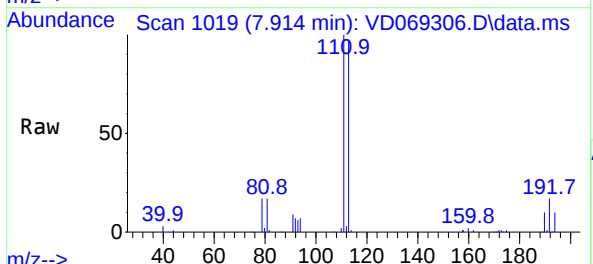
Tgt Ion:114 Resp: 589792
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.6
88 15.3 0.0 31.2

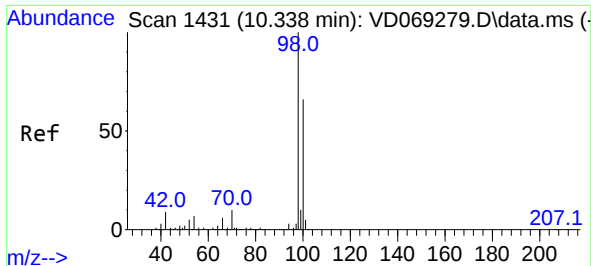


#35

Dibromofluoromethane
Concen: 57.700 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

Tgt Ion:113 Resp: 213705
Ion Ratio Lower Upper
113 100
111 101.0 83.0 124.6
192 18.4 15.1 22.7

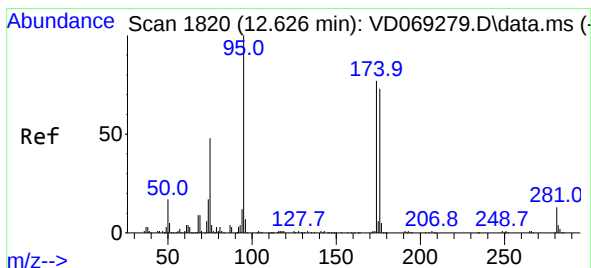
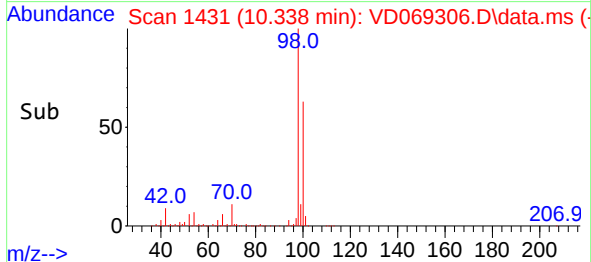
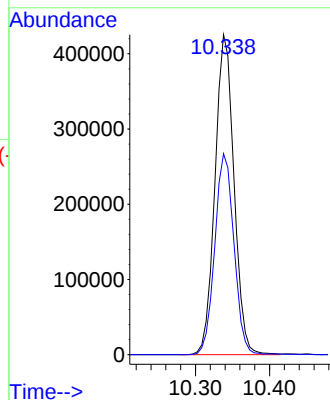
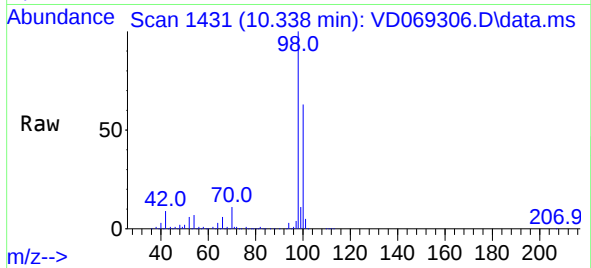




#50
Toluene-d8
Concen: 56.332 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

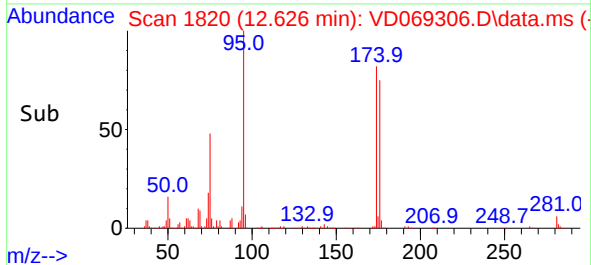
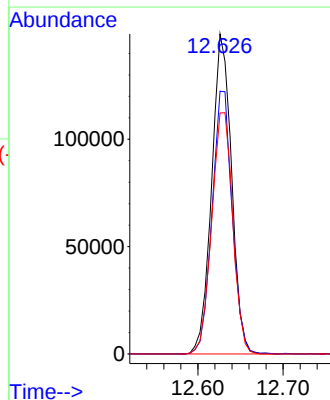
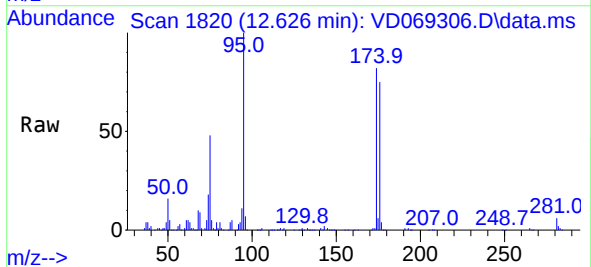
Instrument :
MSVOA_D
ClientSampled :
VOC

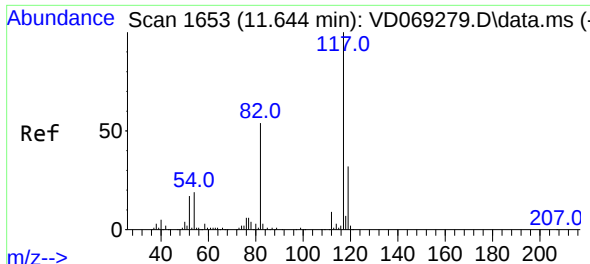
Tgt Ion: 98 Resp: 758690
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 54.634 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

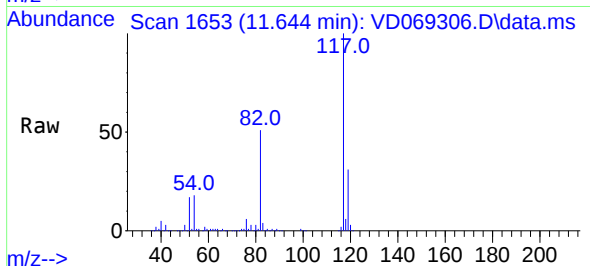
Tgt Ion: 95 Resp: 241110
Ion Ratio Lower Upper
95 100
174 83.5 0.0 162.8
176 79.8 0.0 154.4





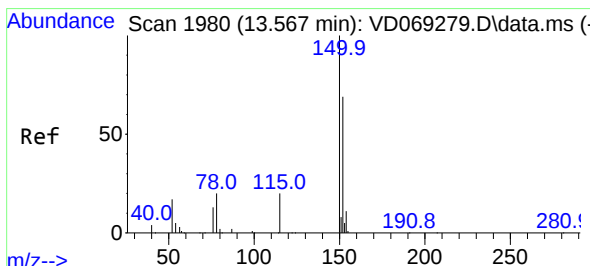
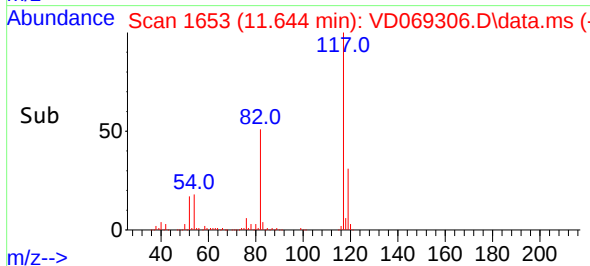
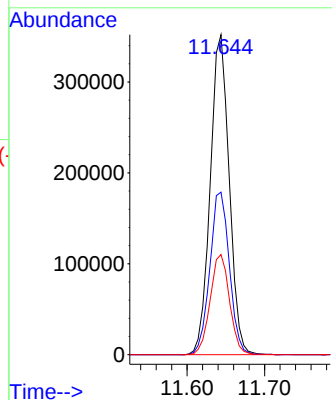
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

Instrument :
MSVOA_D
ClientSampled :
VOC



Tgt Ion:117 Resp: 597547

Ion	Ratio	Lower	Upper
117	100		
82	50.8	43.3	64.9
119	31.3	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069306.D
Acq: 02 Jun 2021 17:26

Tgt Ion:152 Resp: 257541

Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.4	88.3
150	160.6	0.0	355.0

