

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
 Data File : VD068692.D
 Acq On : 26 Mar 2021 18:54
 Operator : VA/SY
 Sample : M1832-04
 Misc : 4.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IG004

Quant Time: Mar 27 00:45:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	270461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	534984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	502134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	200465	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	161425	59.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.38%
35) Dibromofluoromethane	7.920	113	181344	54.48	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.96%
50) Toluene-d8	10.344	98	665053	51.82	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.64%
62) 4-Bromofluorobenzene	12.632	95	211919	50.93	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.86%

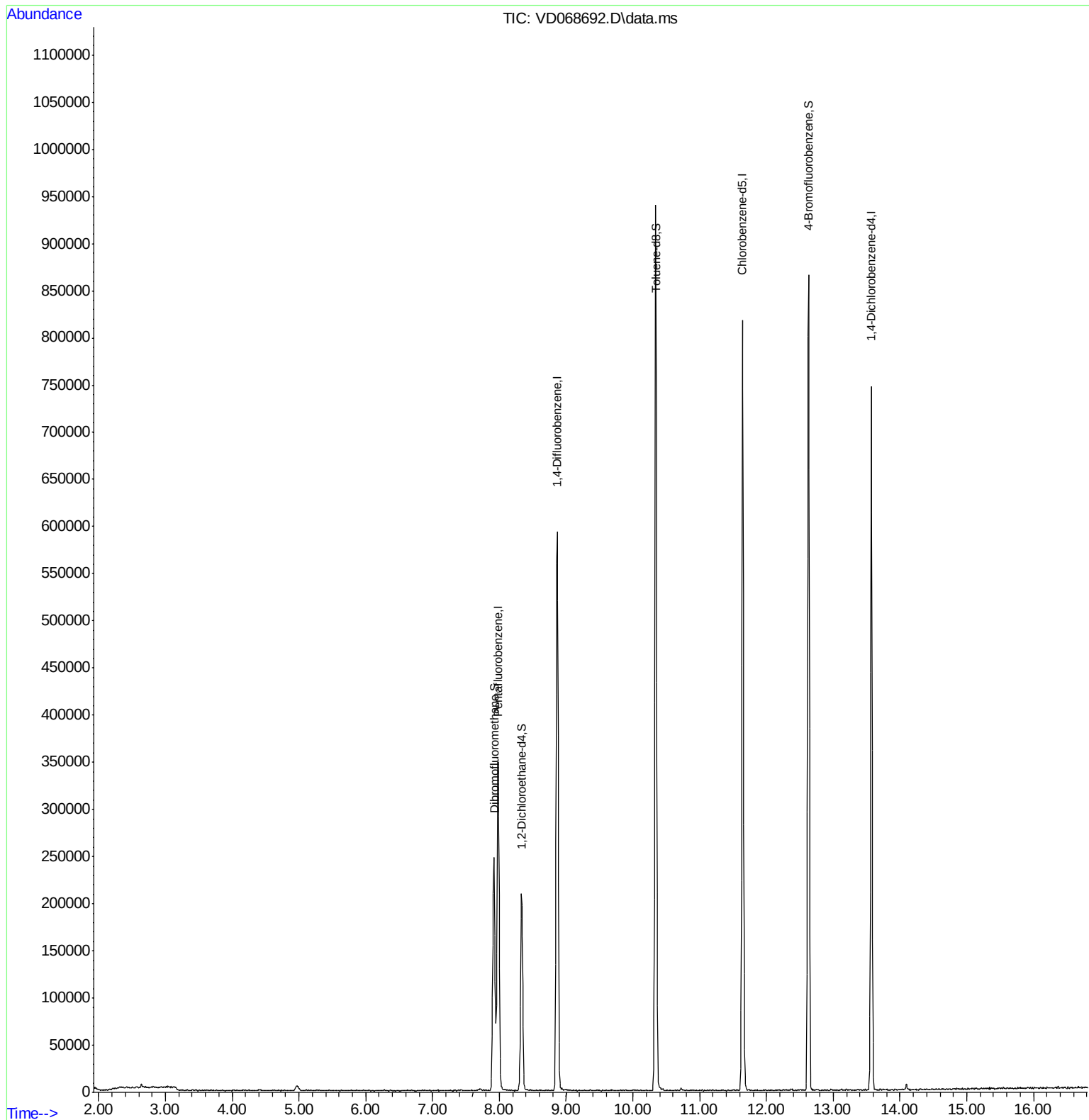
Target Compounds	Qvalue

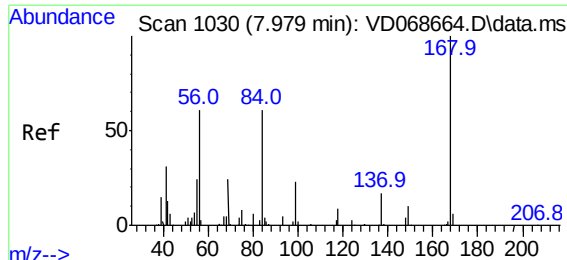
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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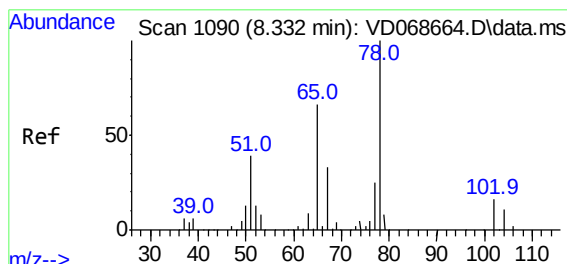
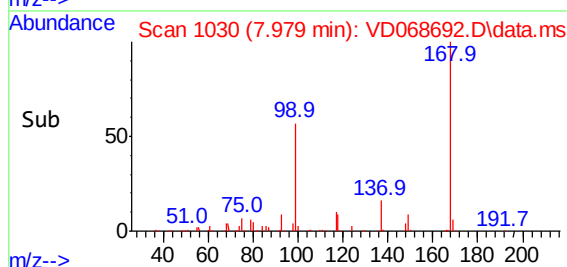
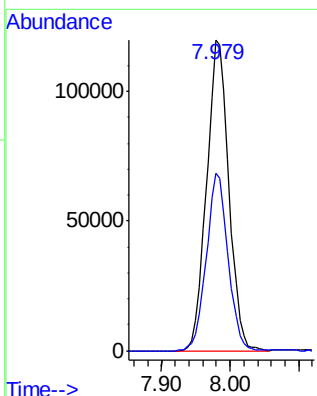
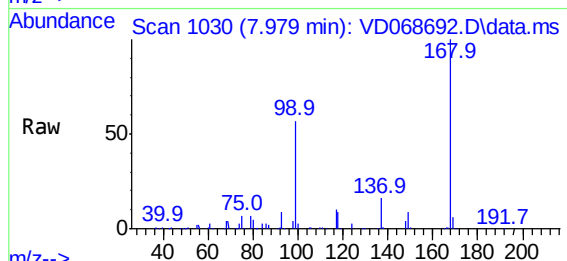




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068692.D
Acq: 26 Mar 2021 18:54

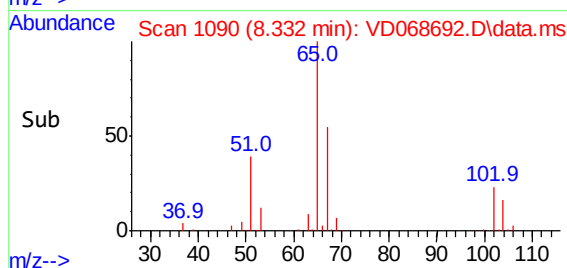
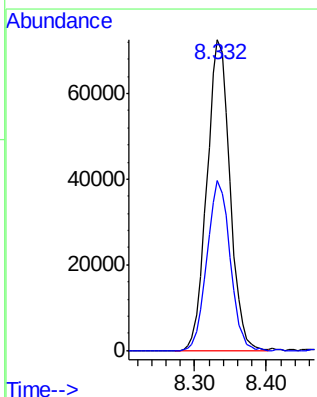
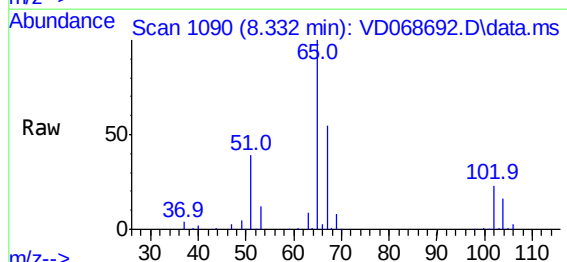
Instrument :
MSVOA_D
ClientSampled :
IG004

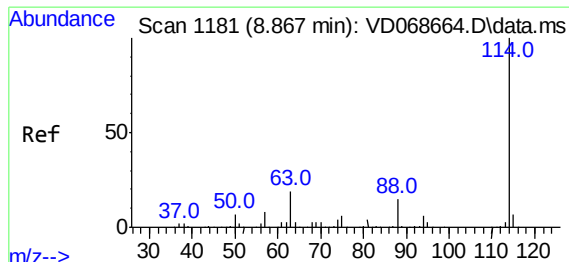
Tgt Ion:168 Resp: 270461
Ion Ratio Lower Upper
168 100
99 57.2 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 59.19 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068692.D
Acq: 26 Mar 2021 18:54

Tgt Ion: 65 Resp: 161425
Ion Ratio Lower Upper
65 100
67 55.0 0.0 106.0

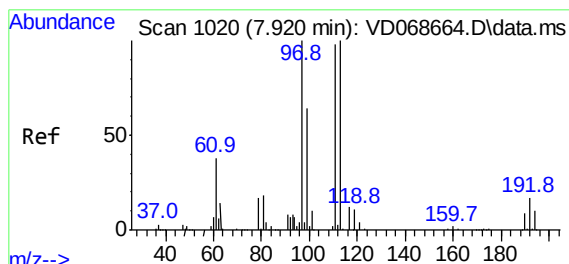
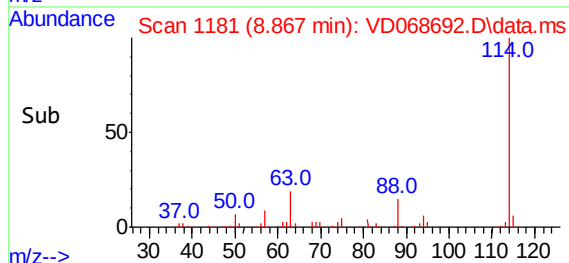
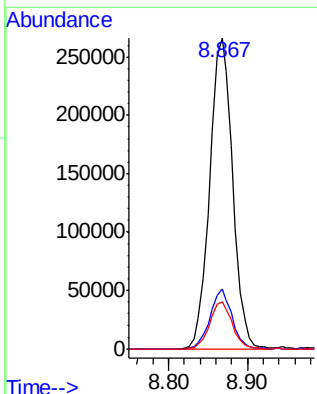
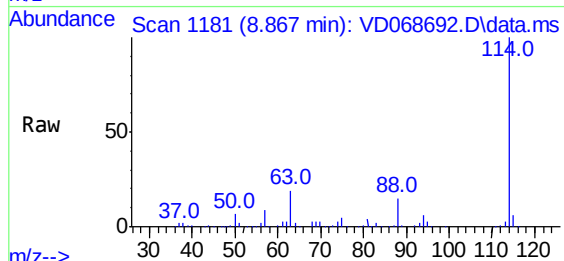




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068692.D
Acq: 26 Mar 2021 18:54

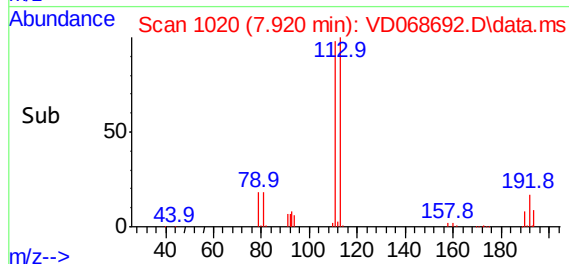
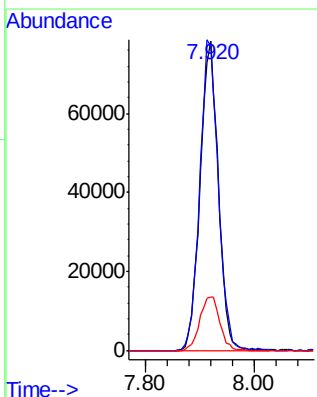
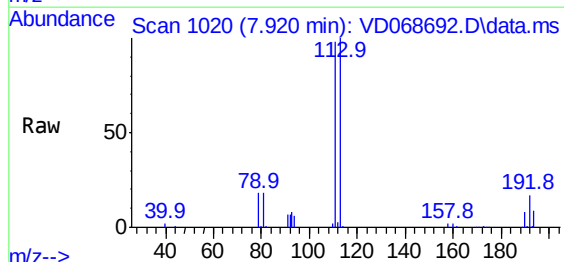
Instrument :
MSVOA_D
ClientSampled :
IG004

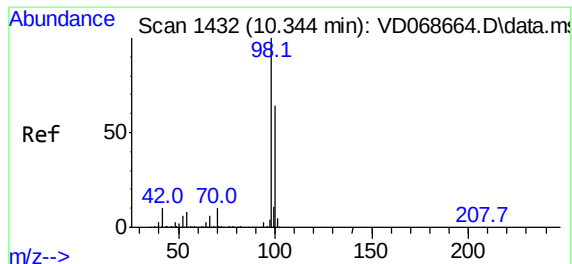
Tgt Ion:114 Resp: 534984
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.2
88 15.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 54.48 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068692.D
Acq: 26 Mar 2021 18:54

Tgt Ion:113 Resp: 181344
Ion Ratio Lower Upper
113 100
111 101.8 82.5 123.7
192 19.0 15.1 22.7

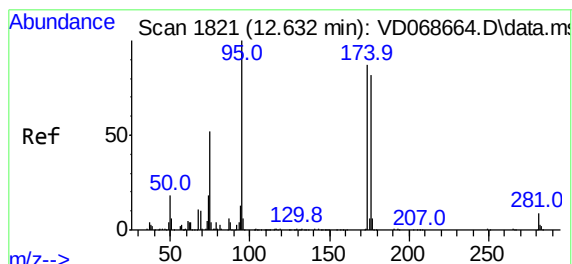
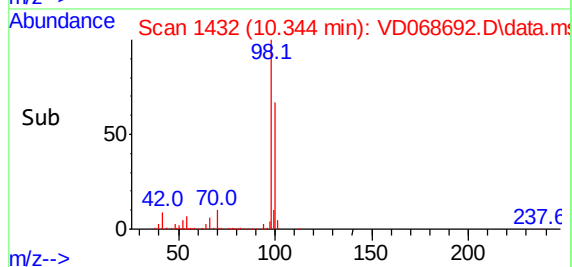
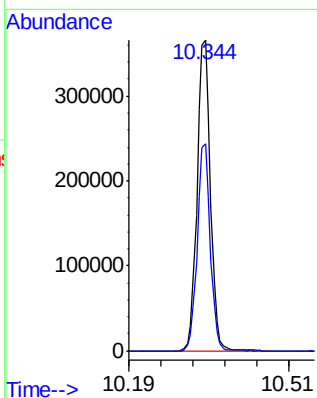
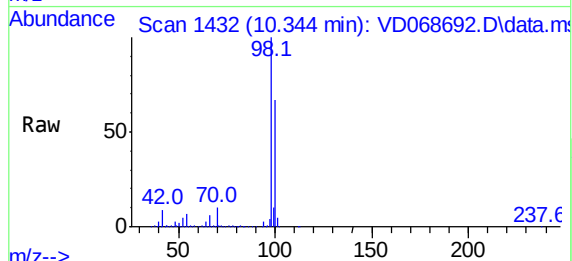




#50
Toluene-d8
Concen: 51.82 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068692.D
Acq: 26 Mar 2021 18:54

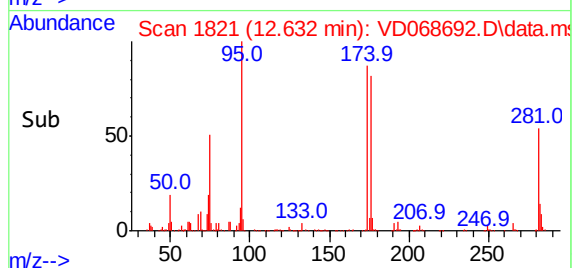
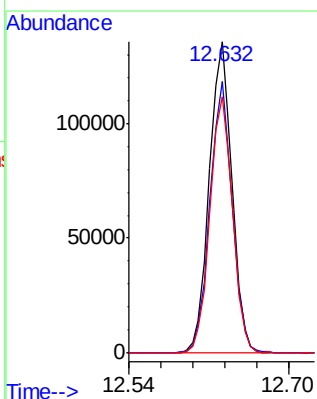
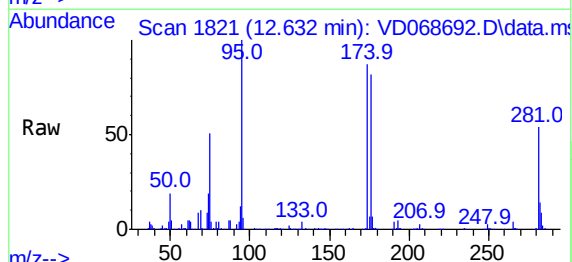
Instrument :
MSVOA_D
ClientSampleId :
IG004

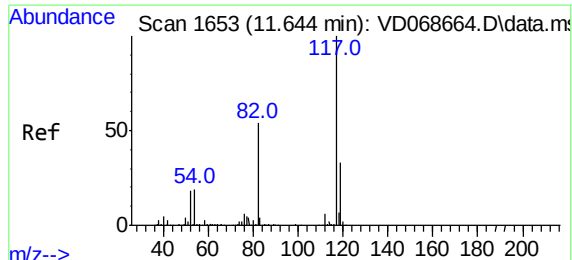
Tgt Ion: 98 Resp: 665053
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.93 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068692.D
Acq: 26 Mar 2021 18:54

Tgt Ion: 95 Resp: 211919
Ion Ratio Lower Upper
95 100
174 86.0 0.0 168.0
176 82.4 0.0 160.2

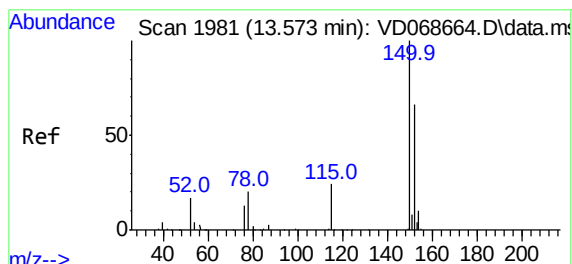
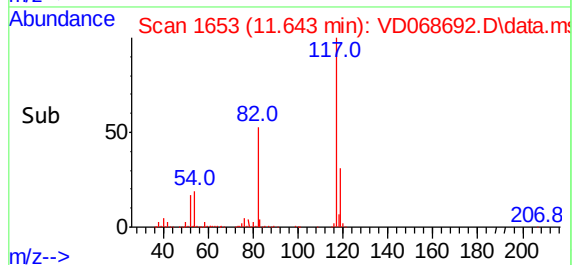
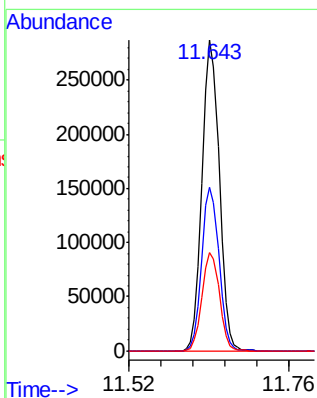
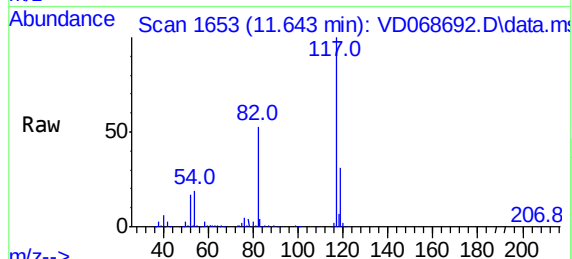




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068692.D
Acq: 26 Mar 2021 18:54

Instrument :
MSVOA_D
ClientSampleID :
IG004

Tgt Ion:117 Resp: 502134
Ion Ratio Lower Upper
117 100
82 52.5 43.5 65.3
119 31.5 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068692.D
Acq: 26 Mar 2021 18:54

Tgt Ion:152 Resp: 200465
Ion Ratio Lower Upper
152 100
115 57.0 29.3 87.8
150 158.0 0.0 347.6

