

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040121\
 Data File : VD068765.D
 Acq On : 01 Apr 2021 18:22
 Operator : VA/SY
 Sample : M1887-01RE
 Misc : 5.19G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-03-033121RE

Quant Time: Apr 02 01:37:30 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	7.985	168	37410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	64231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	71791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	35415	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	26833	71.13	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.26%
35) Dibromofluoromethane	7.914	113	22120	55.35	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.70%
50) Toluene-d8	10.343	98	79414	51.54	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.08%
62) 4-Bromofluorobenzene	12.631	95	31269	62.59	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.18%

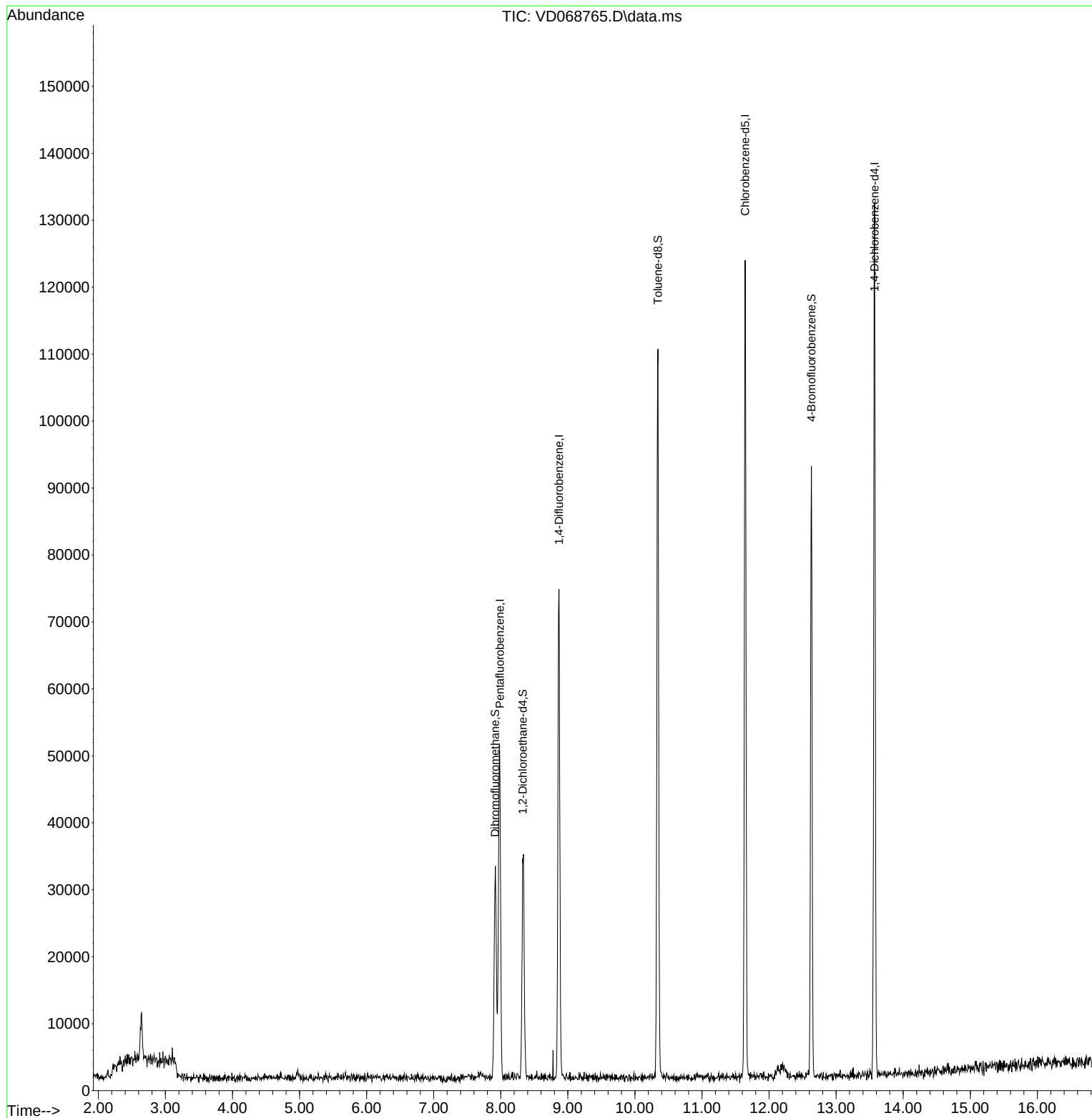
Target Compounds	Qvalue

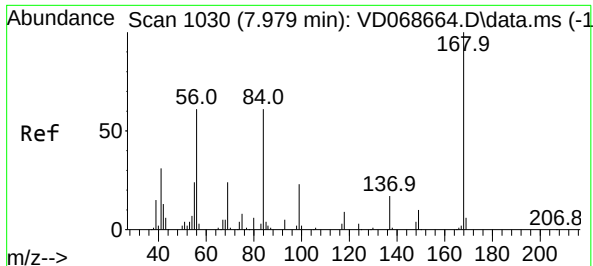
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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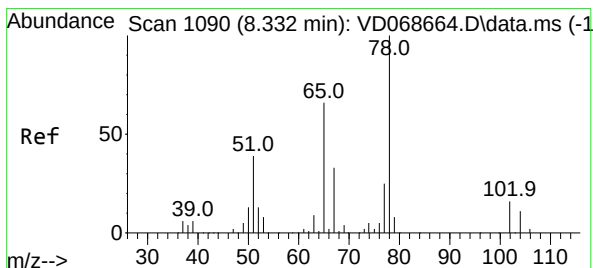
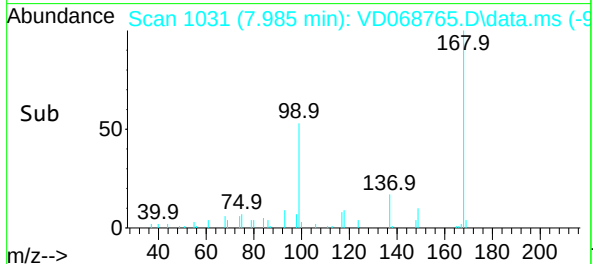
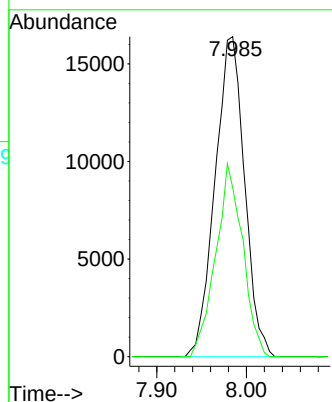
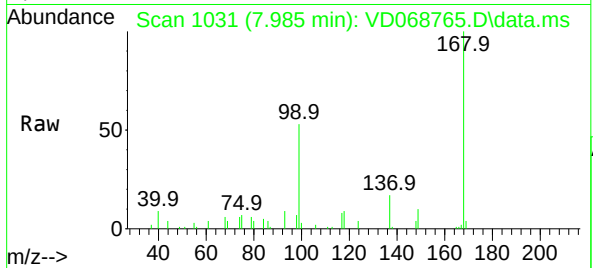




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068765.D
Acq: 01 Apr 2021 18:22

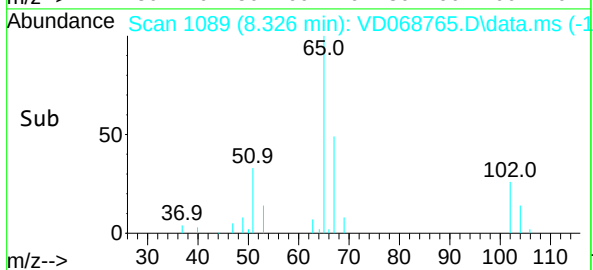
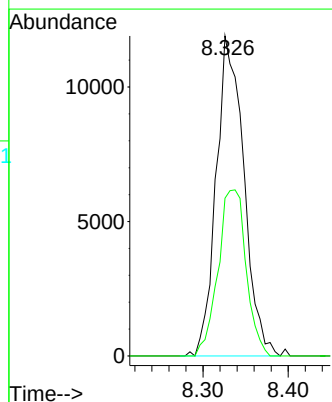
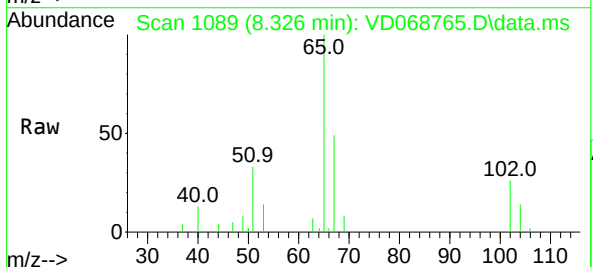
Instrument :
MSVOA_D
ClientSampleId :
TR-03-033121RE

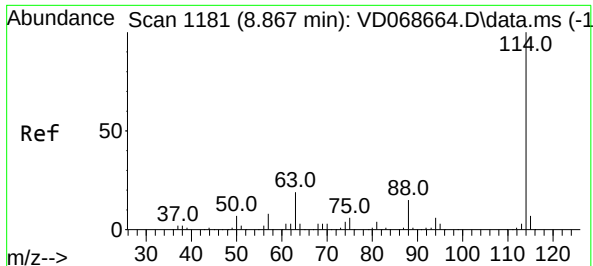
Tgt Ion:168 Resp: 37410
Ion Ratio Lower Upper
168 100
99 52.9 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 71.13 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD068765.D
Acq: 01 Apr 2021 18:22

Tgt Ion: 65 Resp: 26833
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.0

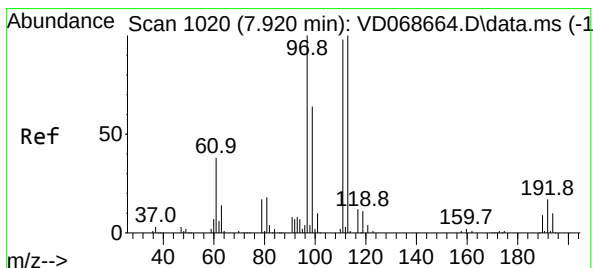
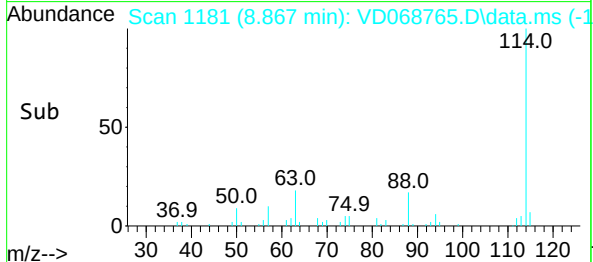
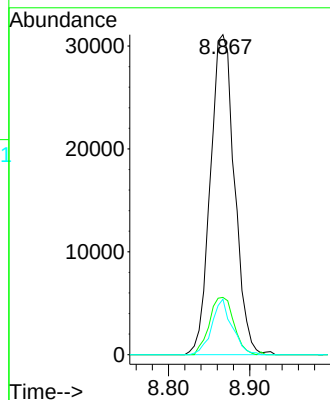
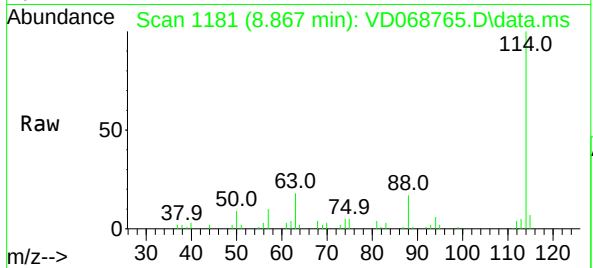




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068765.D
Acq: 01 Apr 2021 18:22

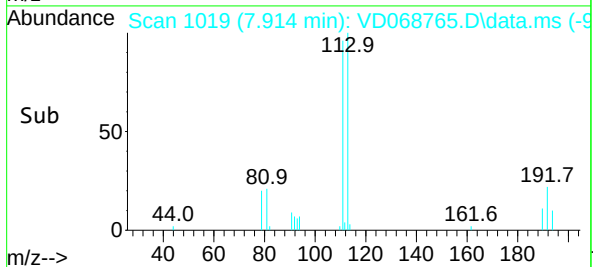
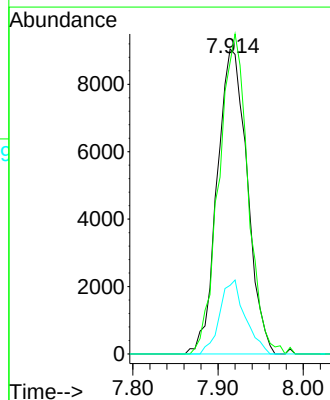
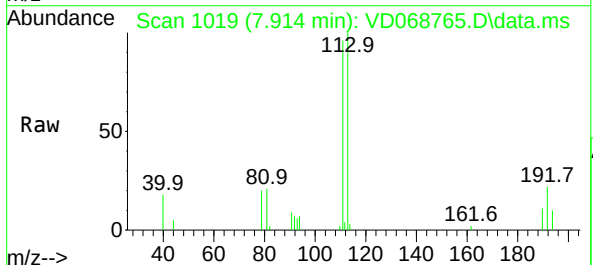
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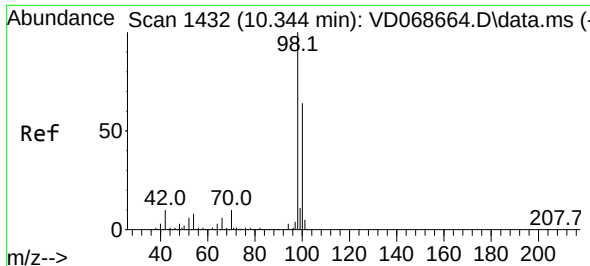
Tgt Ion:	114	Resp:	64231
Ion Ratio	Lower	Upper	
114	100		
63	17.9	0.0	38.2
88	17.4	0.0	29.4



#35
Dibromofluoromethane
Concen: 55.35 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068765.D
Acq: 01 Apr 2021 18:22

Tgt Ion:	113	Resp:	22120
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.5	123.7
192	20.5	15.1	22.7

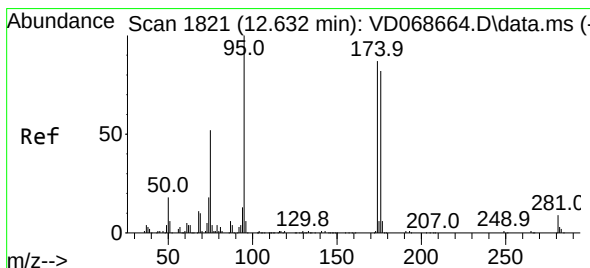
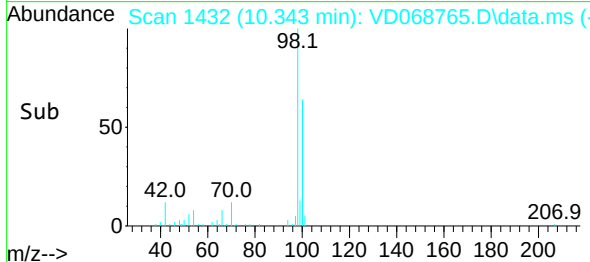
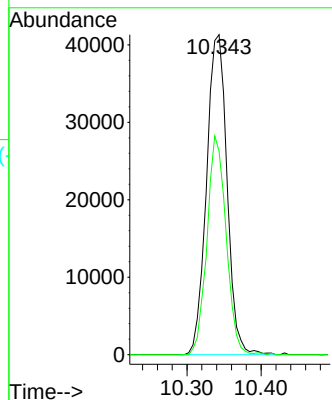
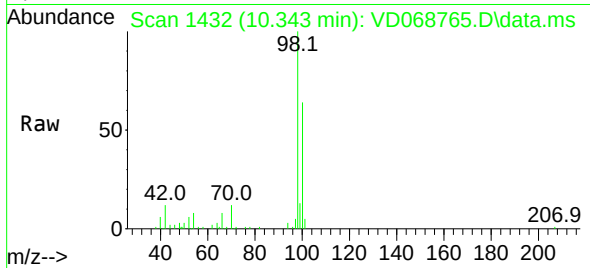




#50
Toluene-d8
Concen: 51.54 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068765.D
Acq: 01 Apr 2021 18:22

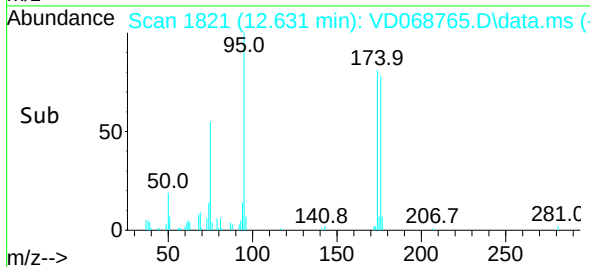
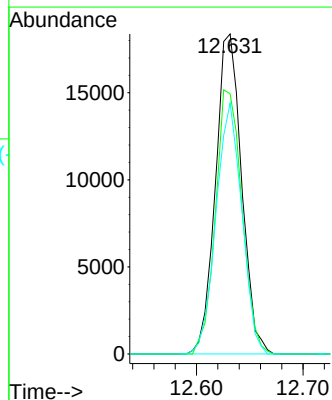
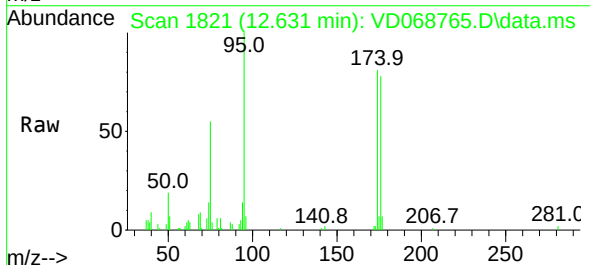
Instrument :
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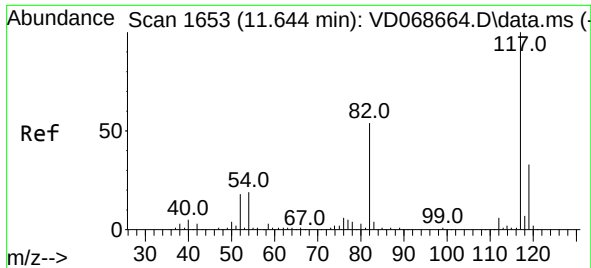
Tgt Ion: 98 Resp: 79414
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.59 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068765.D
Acq: 01 Apr 2021 18:22

Tgt Ion: 95 Resp: 31269
Ion Ratio Lower Upper
95 100
174 83.7 0.0 168.0
176 77.6 0.0 160.2

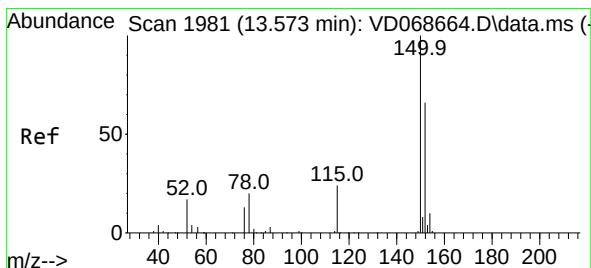
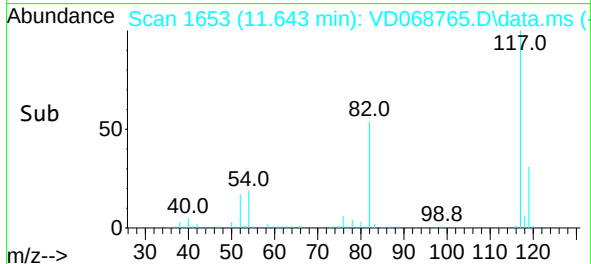
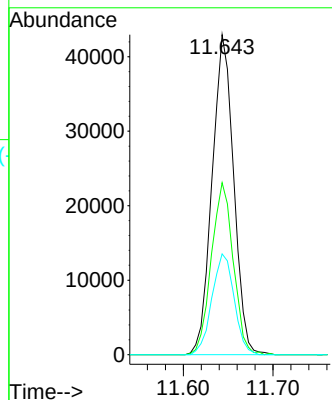
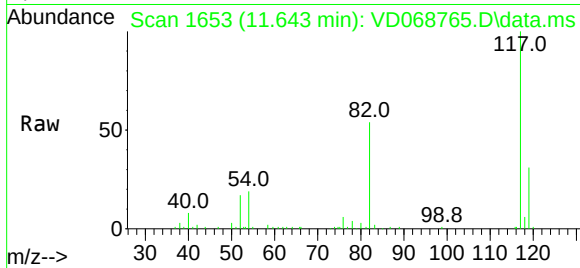




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068765.D
Acq: 01 Apr 2021 18:22

Instrument :
MSVOA_D
ClientSampleId :
TR-03-033121RE

Tgt Ion:	117	Resp:	71791
Ion	Ratio	Lower	Upper
117	100		
82	53.7	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: VD068765.D
Acq: 01 Apr 2021 18:22

Tgt Ion:	152	Resp:	35415
Ion	Ratio	Lower	Upper
152	100		
115	57.5	29.3	87.8
150	161.6	0.0	347.6

