

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052521\
 Data File : VD069271.D
 Acq On : 25 May 2021 13:57
 Operator : VA/SY
 Sample : M2502-01
 Misc : 5.65G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SA-01-052421

Quant Time: May 26 01:05:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	193066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	383493	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	383518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	168509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	137088	70.83	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.66%
35) Dibromofluoromethane	7.914	113	142345	57.04	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.08%
50) Toluene-d8	10.338	98	499798	54.50	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.00%
62) 4-Bromofluorobenzene	12.632	95	164923	55.89	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.78%

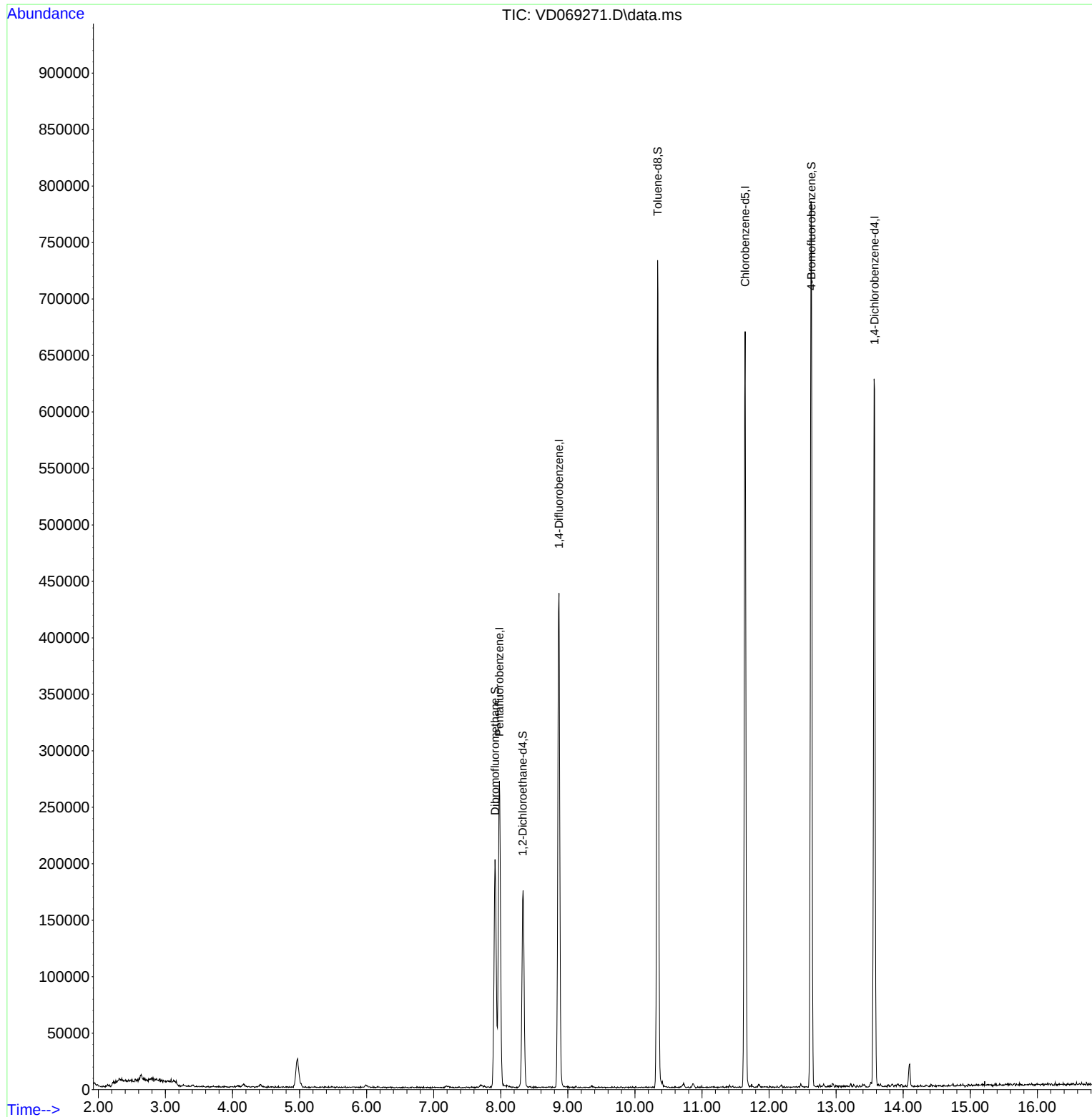
Target Compounds	Qvalue

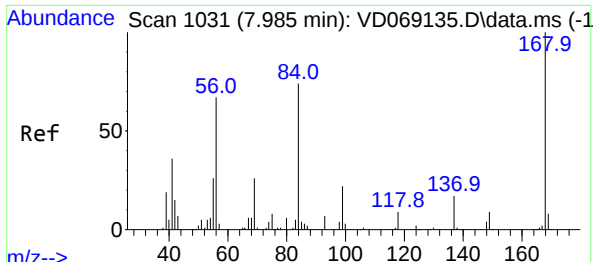
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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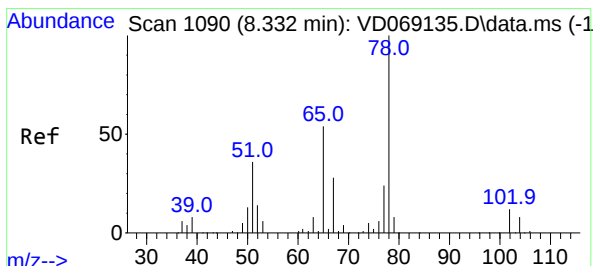
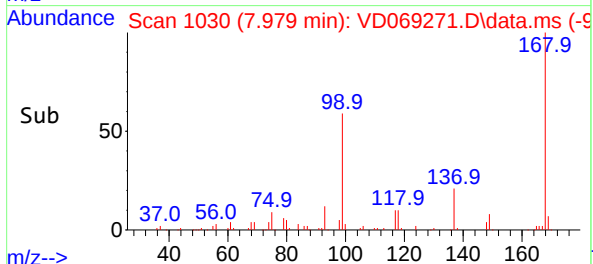
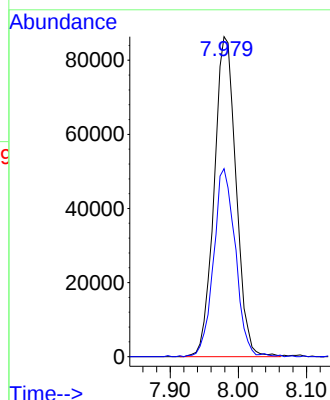
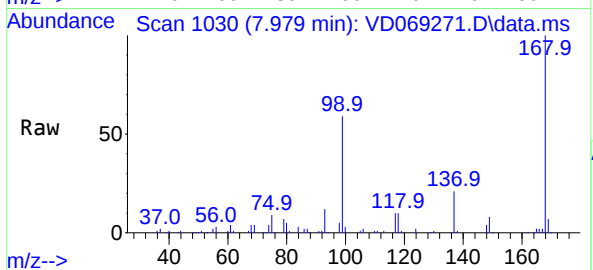




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

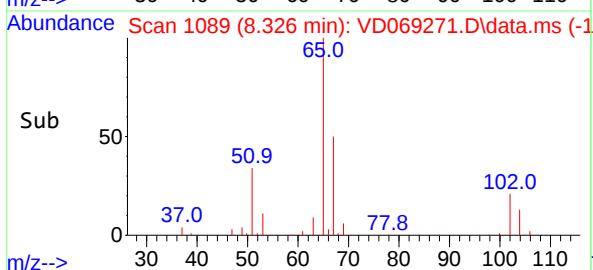
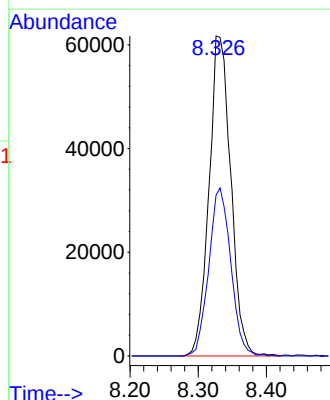
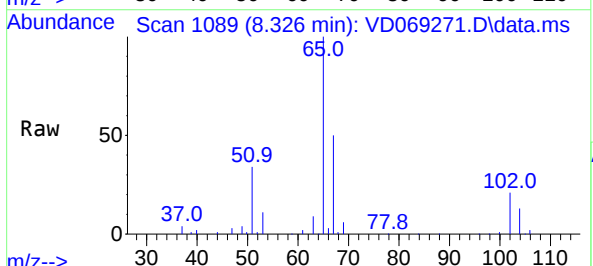
Instrument :
MSVOA_D
ClientSampleId :
SA-01-052421

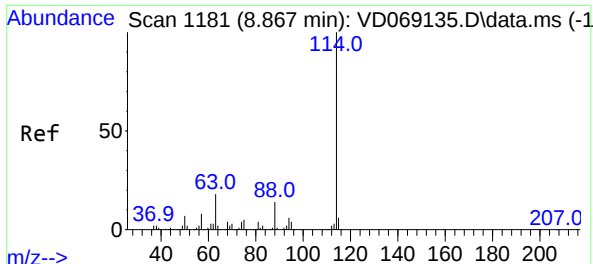
Tgt Ion:168 Resp: 193066
Ion Ratio Lower Upper
168 100
99 58.5 47.2 70.8



1,2-Dichloroethane-d4
Concen: 70.83 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

Tgt Ion: 65 Resp: 137088
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.0



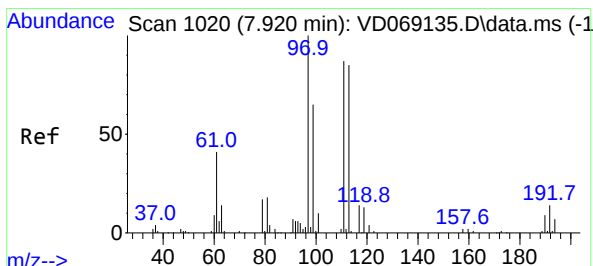
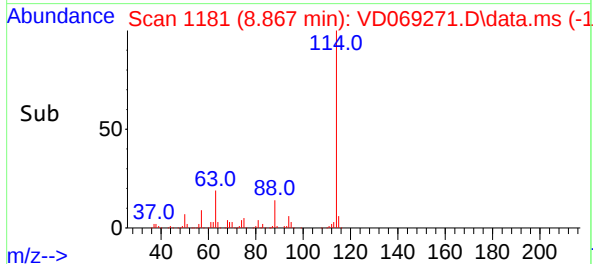
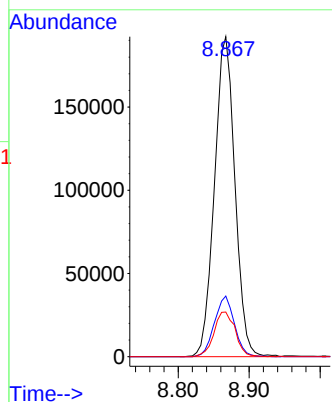
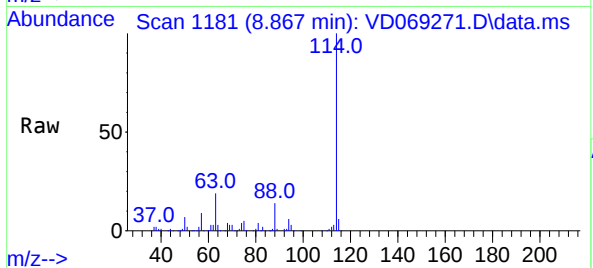


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

Instrument :
MSVOA_D
ClientSampleId :
SA-01-052421

Tgt Ion:114 Resp: 383493

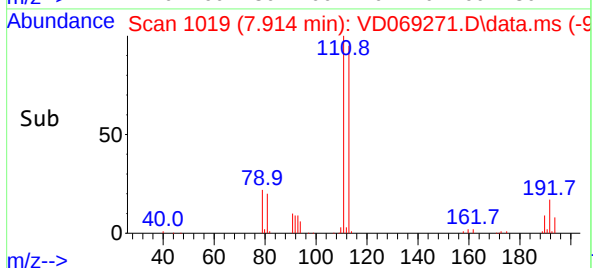
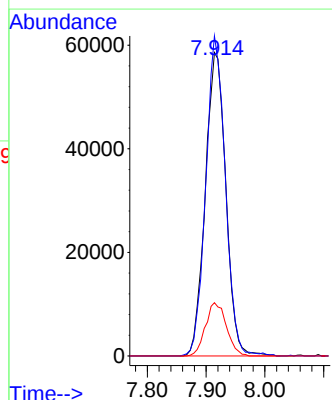
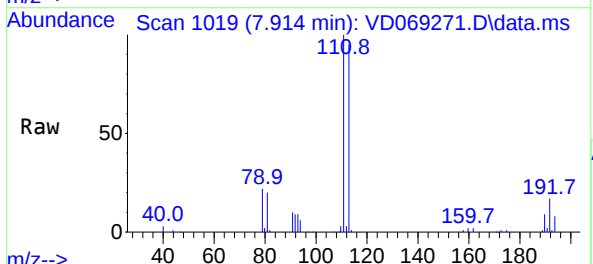
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	36.4
88	14.0	0.0	28.2

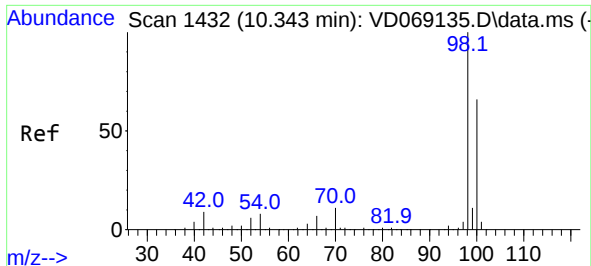


#35
Dibromofluoromethane
Concen: 57.04 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

Tgt Ion:113 Resp: 142345

Ion	Ratio	Lower	Upper
113	100		
111	100.7	80.6	120.8
192	17.9	14.8	22.2

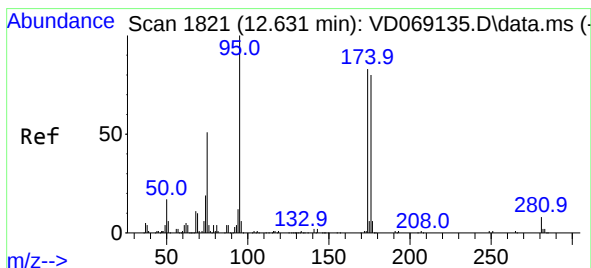
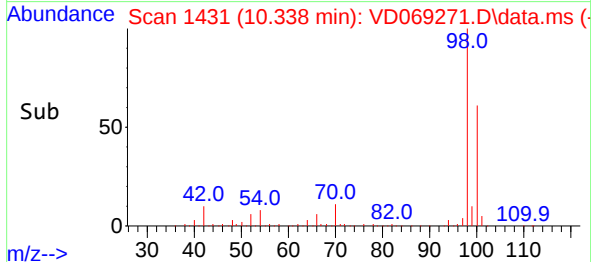
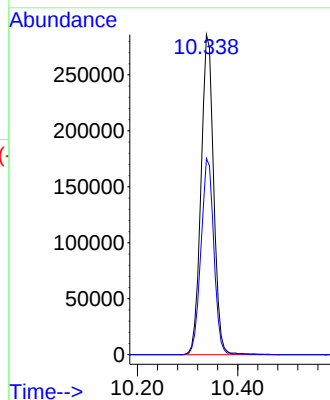
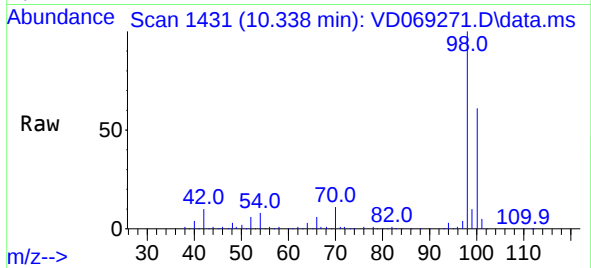




#50
Toluene-d8
Concen: 54.50 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

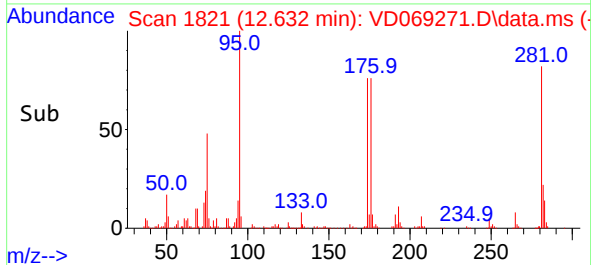
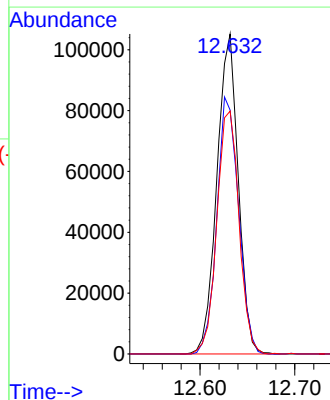
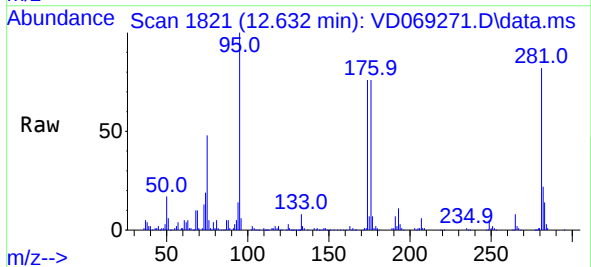
Instrument :
MSVOA_D
ClientSampleId :
SA-01-052421

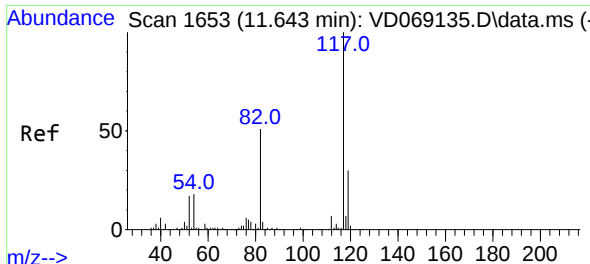
Tgt Ion: 98 Resp: 499798
Ion Ratio Lower Upper
98 100
100 62.8 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 55.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

Tgt Ion: 95 Resp: 164923
Ion Ratio Lower Upper
95 100
174 81.5 0.0 171.8
176 78.8 0.0 165.4

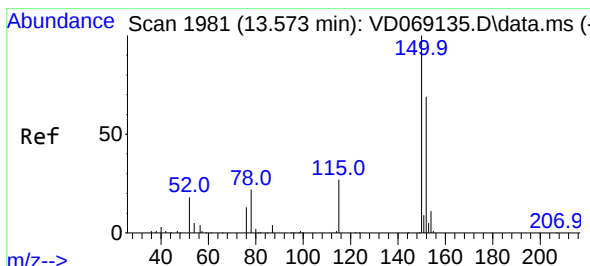
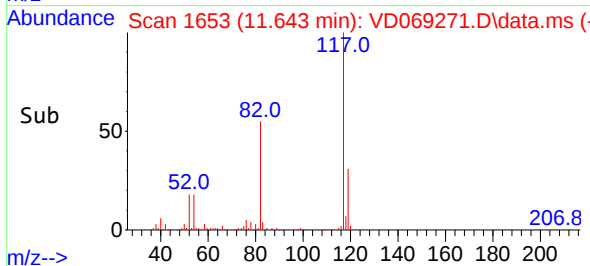
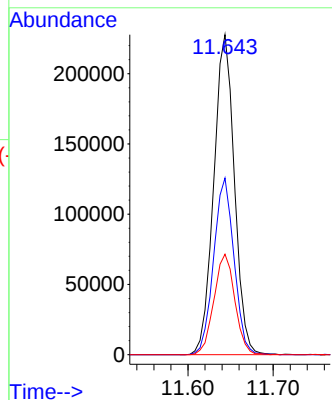
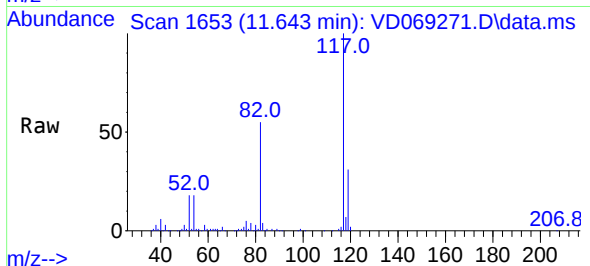




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

Instrument :
MSVOA_D
ClientSampleId :
SA-01-052421

Tgt Ion:	117	Resp:	383518
Ion	Ratio	Lower	Upper
117	100		
82	55.2	40.5	60.7
119	31.4	24.2	36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069271.D
Acq: 25 May 2021 13:57

Tgt Ion:	152	Resp:	168509
Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.9	89.8
150	157.9	0.0	350.2

