

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020421\
 Data File : VD068281.D
 Acq On : 04 Feb 2021 17:19
 Operator : VA/SY
 Sample : M1291-21
 Misc : 5.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU421-005-0002

Quant Time: Feb 05 00:05:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	474086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	886108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	797634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	334979	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	273518	60.31	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.62%
35) Dibromofluoromethane	7.914	113	265291	54.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.30%
50) Toluene-d8	10.343	98	1111215	56.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.42%
62) 4-Bromofluorobenzene	12.631	95	345077	48.90	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.80%

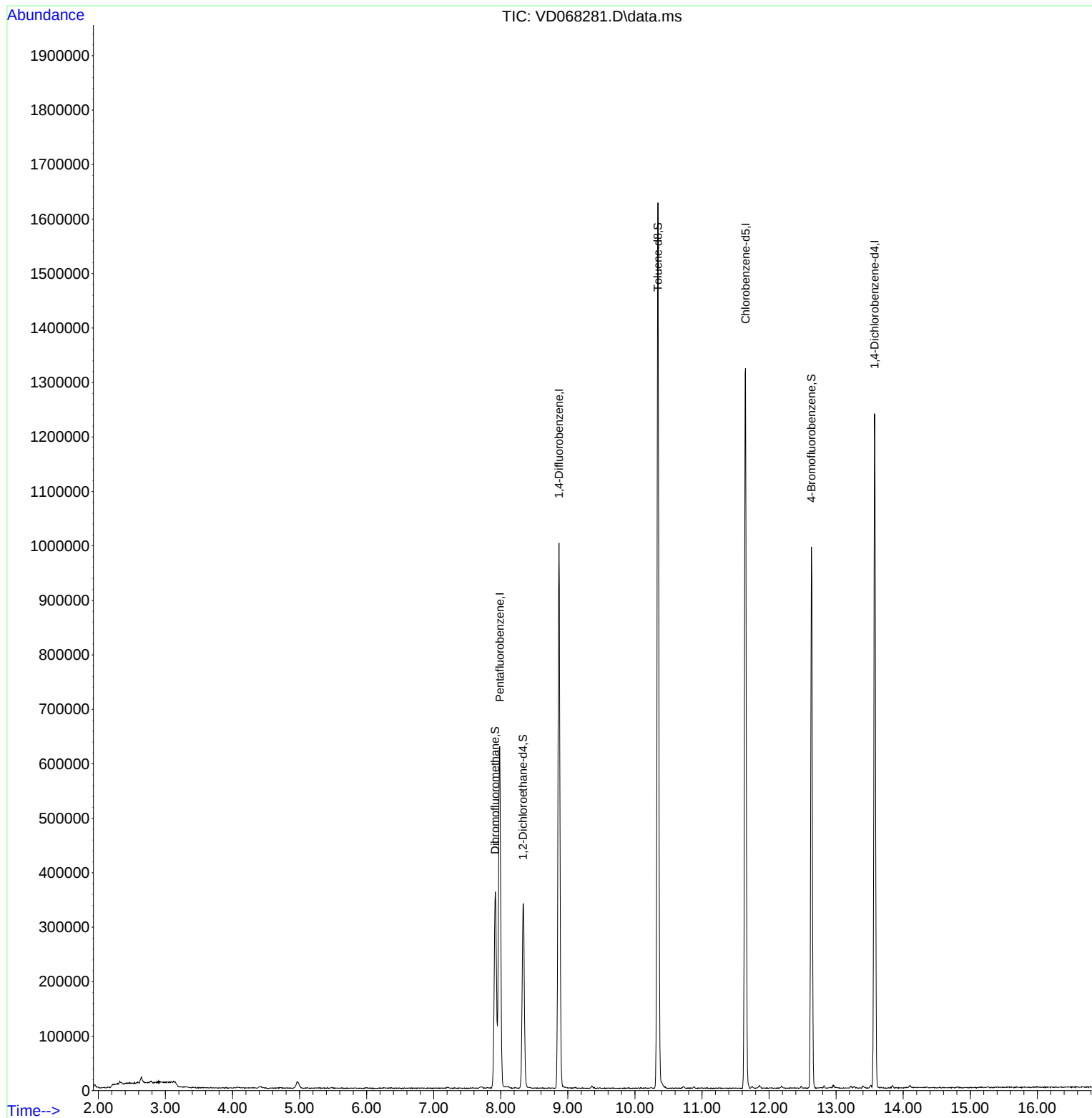
Target Compounds	Qvalue

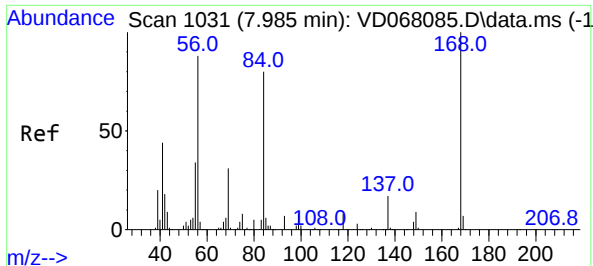
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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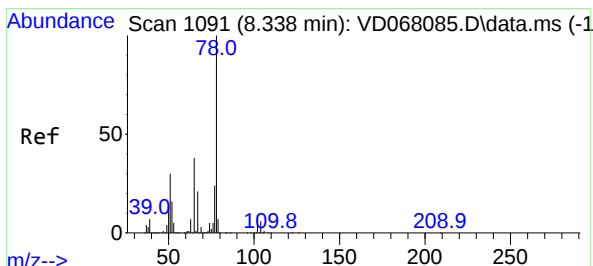
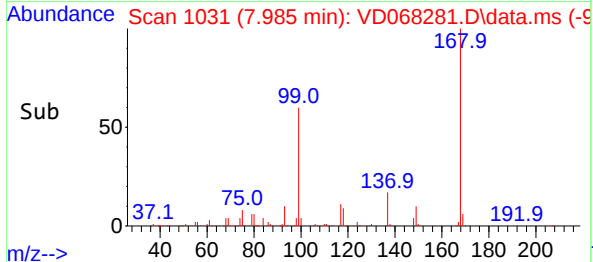
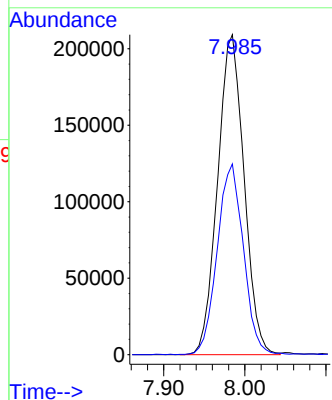
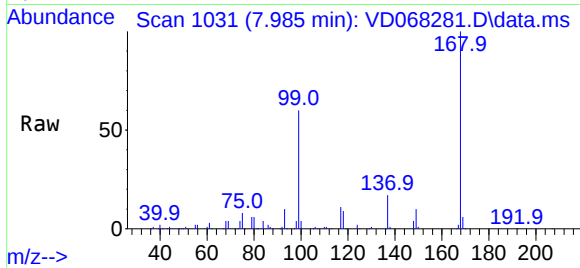




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VD068281.D
 Acq: 04 Feb 2021 17:19

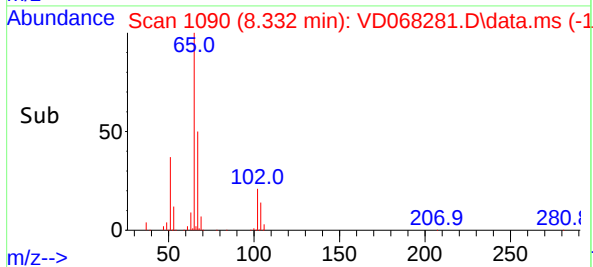
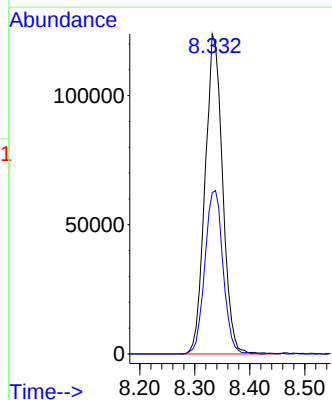
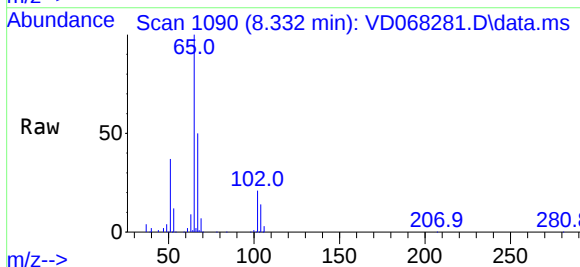
Instrument :
 MSVOA_D
 ClientSampleId :
 OU421-005-0002

Tgt Ion:168 Resp: 474086
 Ion Ratio Lower Upper
 168 100
 99 59.5 43.5 65.3



1,2-Dichloroethane-d4
 Concen: 60.31 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VD068281.D
 Acq: 04 Feb 2021 17:19

Tgt Ion: 65 Resp: 273518
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.0



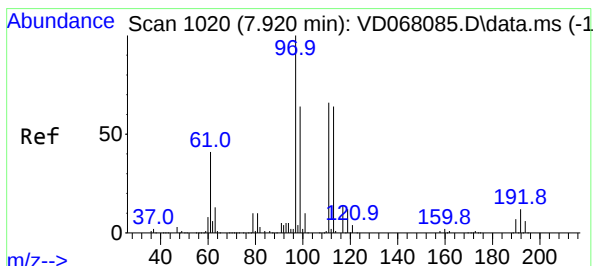
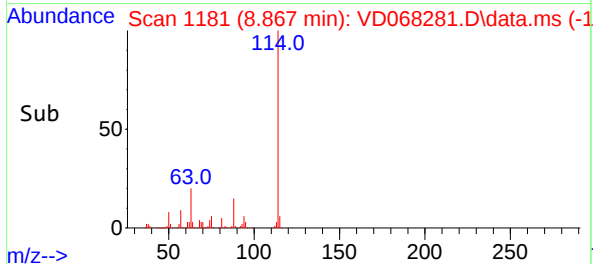
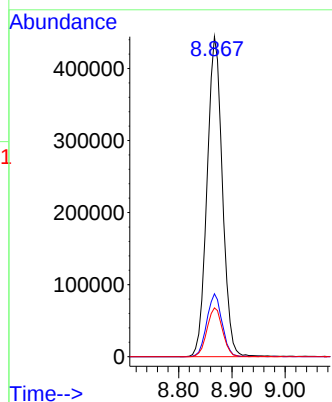
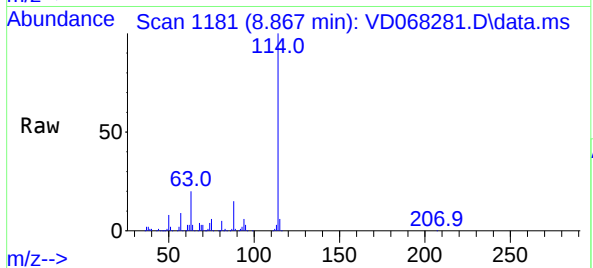


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068281.D
Acq: 04 Feb 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0002

Tgt Ion:114 Resp: 886108

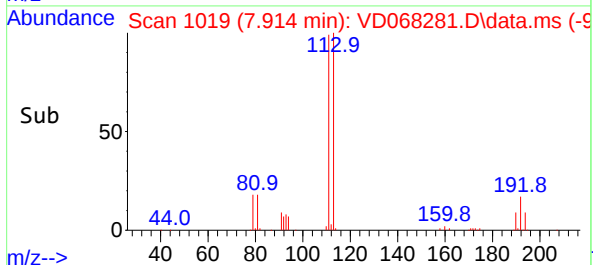
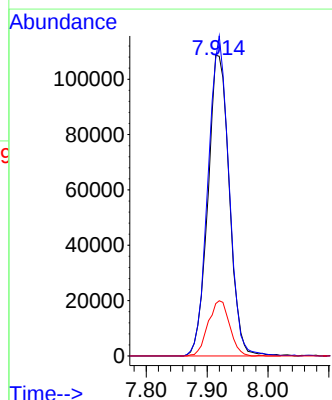
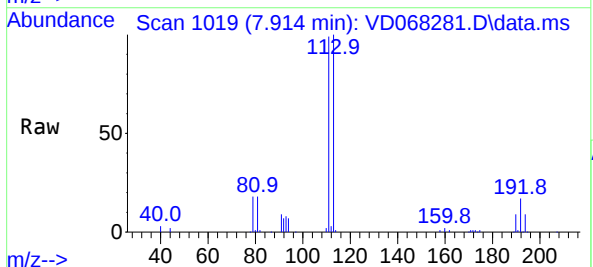
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	34.8
88	15.2	0.0	31.6

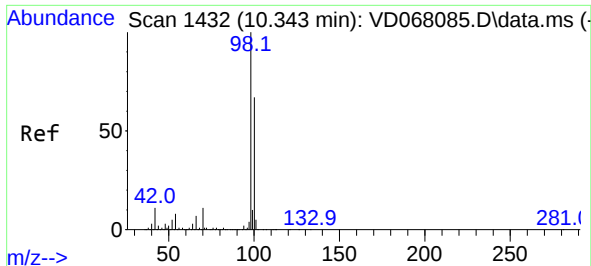


#35
Dibromofluoromethane
Concen: 54.15 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068281.D
Acq: 04 Feb 2021 17:19

Tgt Ion:113 Resp: 265291

Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.4	122.0
192	18.4	16.1	24.1

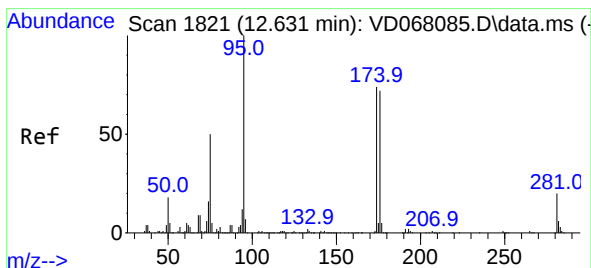
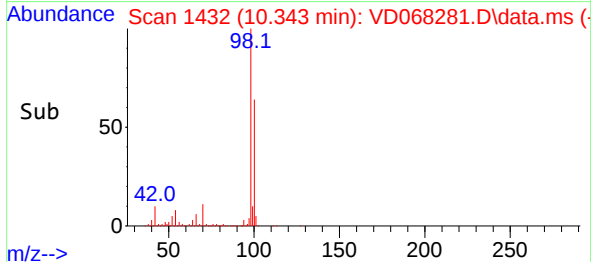
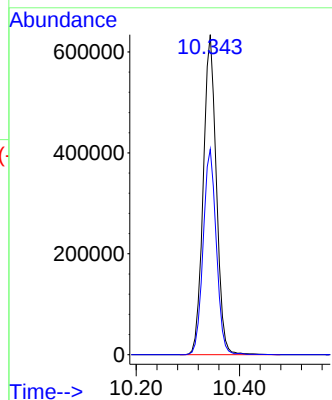
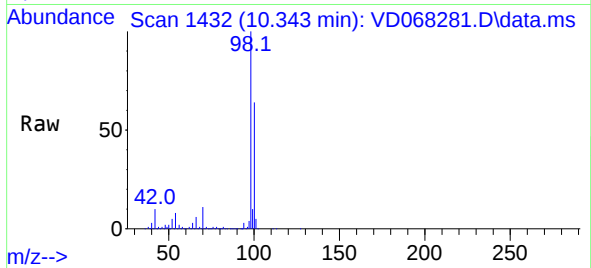




#50
Toluene-d8
Concen: 56.71 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068281.D
Acq: 04 Feb 2021 17:19

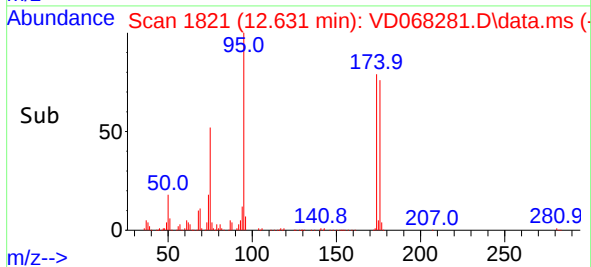
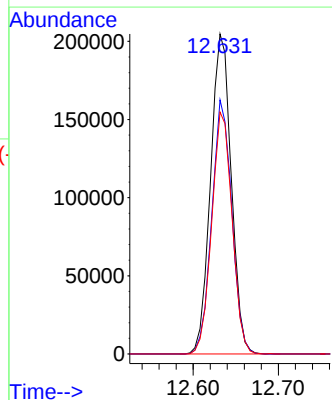
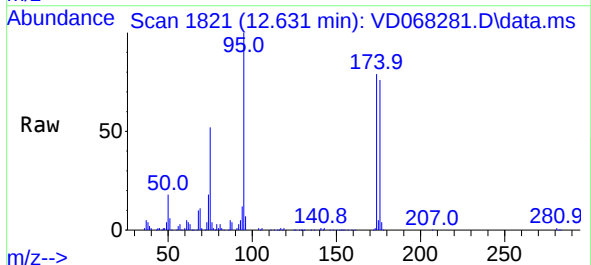
Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0002

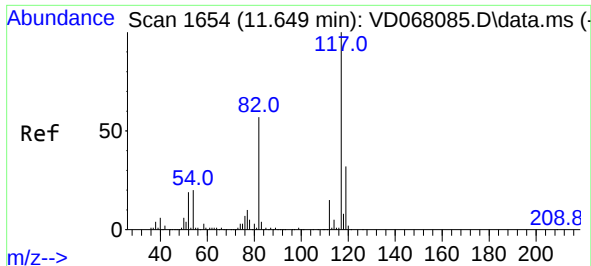
Tgt Ion: 98 Resp: 1111215
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.90 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068281.D
Acq: 04 Feb 2021 17:19

Tgt Ion: 95 Resp: 345077
Ion Ratio Lower Upper
95 100
174 77.0 0.0 172.4
176 74.5 0.0 168.4



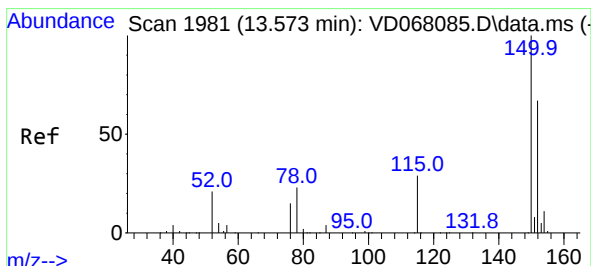
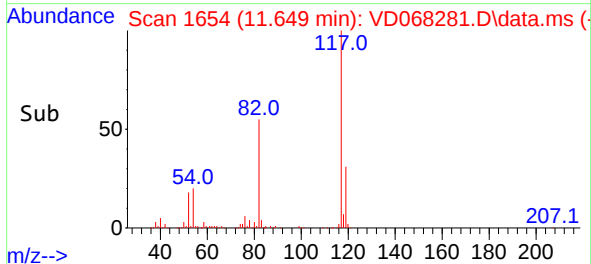
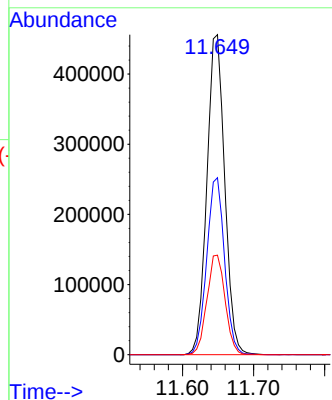
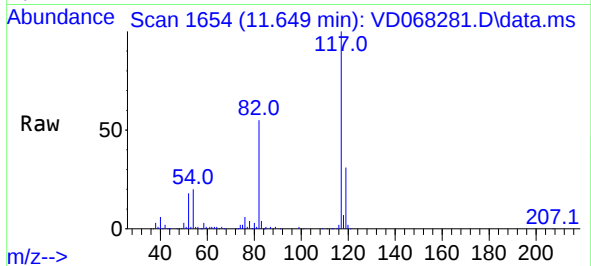


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068281.D
Acq: 04 Feb 2021 17:19

Instrument :
MSVOA_D
ClientSampleId :
OU421-005-0002

Tgt Ion:117 Resp: 797634

Ion	Ratio	Lower	Upper
117	100		
82	55.3	41.4	62.0
119	31.1	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068281.D
Acq: 04 Feb 2021 17:19

Tgt Ion:152 Resp: 334979

Ion	Ratio	Lower	Upper
152	100		
115	60.4	28.9	86.8
150	156.6	0.0	344.4

