

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042221\
 Data File : VD068956.D
 Acq On : 22 Apr 2021 16:47
 Operator : VA/SY
 Sample : M2107-13
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-32-10.5-11.0

Quant Time: Apr 23 08:46:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

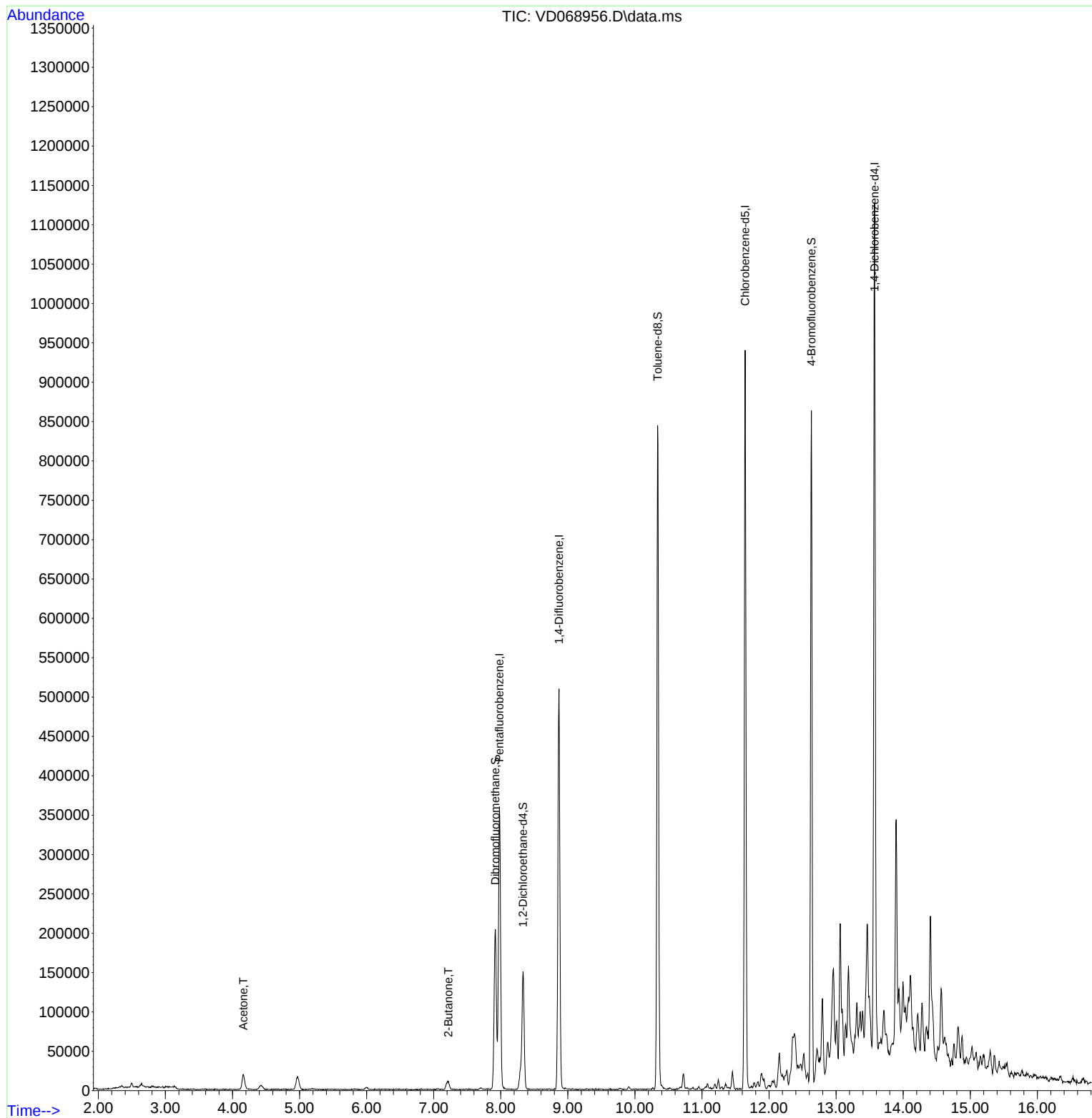
Internal Standards						
1) Pentafluorobenzene	7.979	168	272770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	466119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	555298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	301454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	115860	40.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.38%
35) Dibromofluoromethane	7.920	113	145048	47.84	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.68%
50) Toluene-d8	10.337	98	594678	52.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.00%
62) 4-Bromofluorobenzene	12.631	95	260012	68.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	136.90%
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	33145	83.03	ug/l	100
25) 2-Butanone	7.220	43	9882	17.49	ug/l #	83

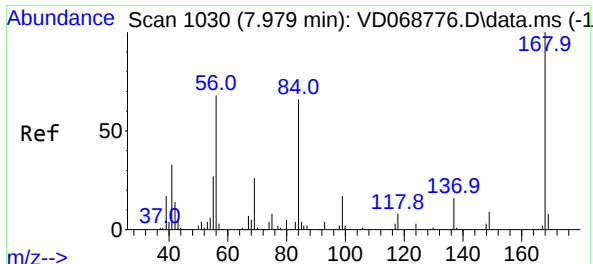
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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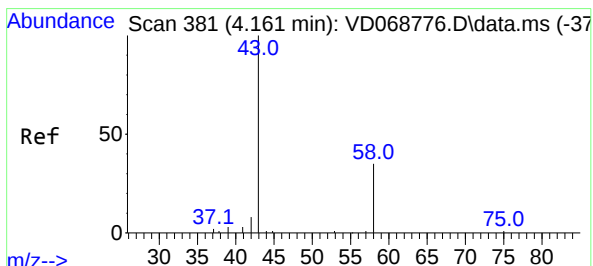
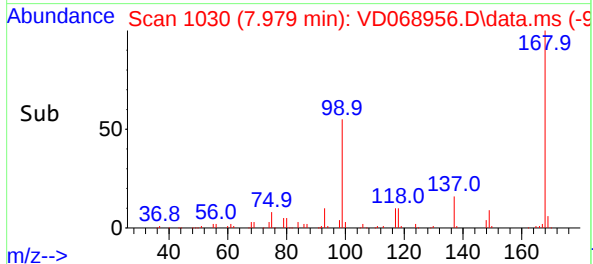
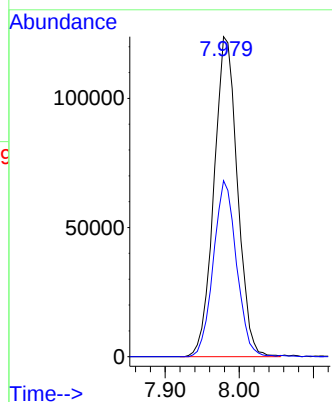
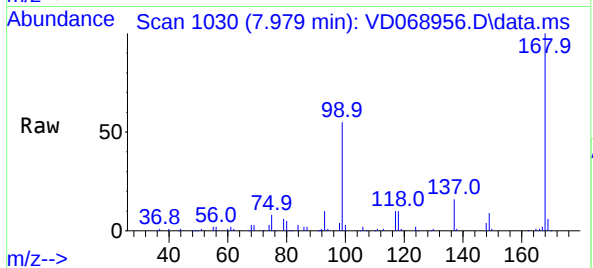




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068956.D
Acq: 22 Apr 2021 16:47

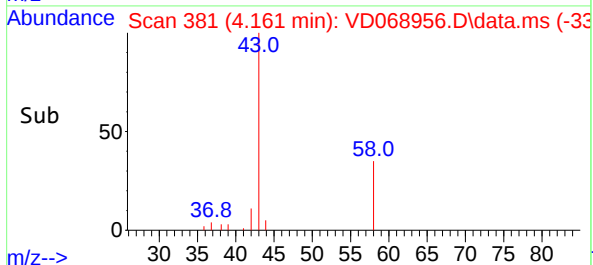
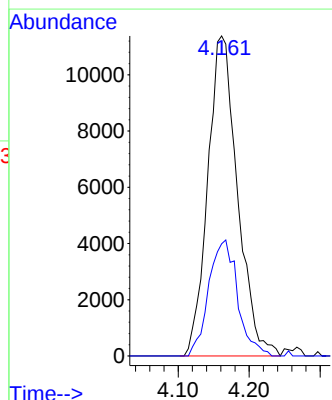
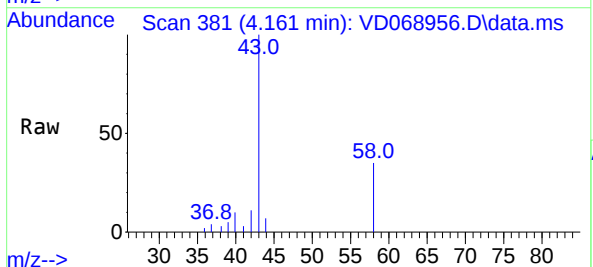
Instrument :
MSVOA_D
ClientSampleId :
SB-32-10.5-11.0

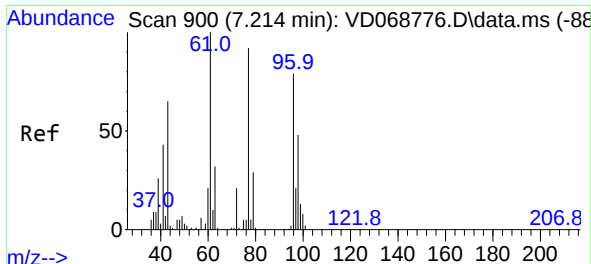
Tgt Ion:168 Resp: 272770
Ion Ratio Lower Upper
168 100
99 55.0 46.2 69.2



#16
Acetone
Concen: 83.03 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068956.D
Acq: 22 Apr 2021 16:47

Tgt Ion: 43 Resp: 33145
Ion Ratio Lower Upper
43 100
58 35.1 28.0 42.0

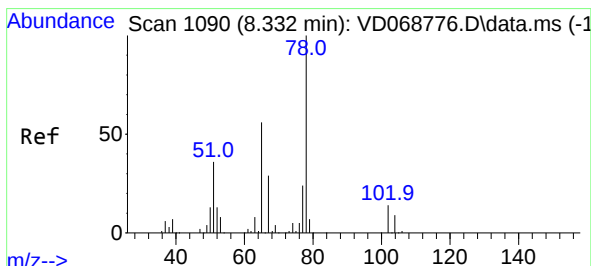
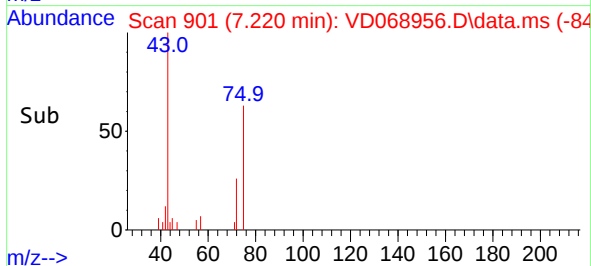
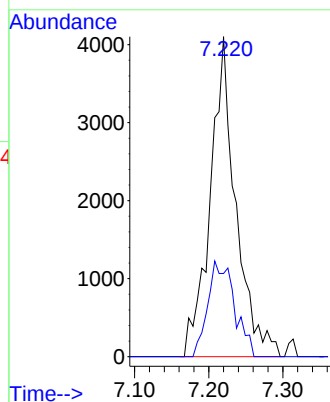
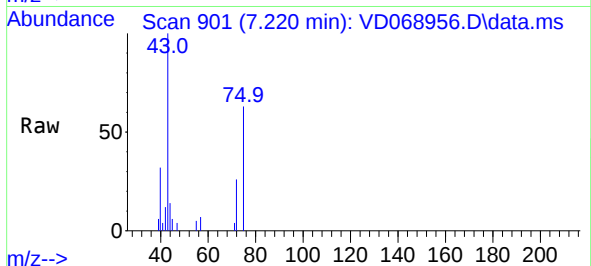




#25
2-Butanone
Concen: 17.49 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068956.D
Acq: 22 Apr 2021 16:47

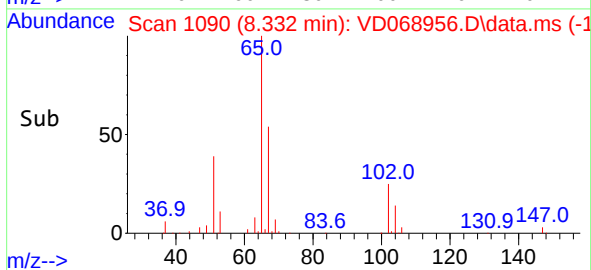
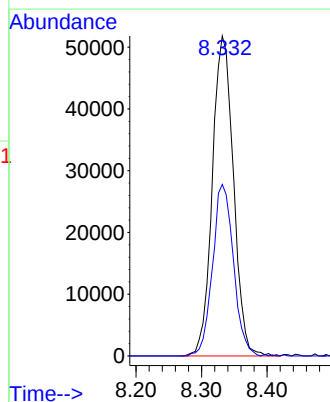
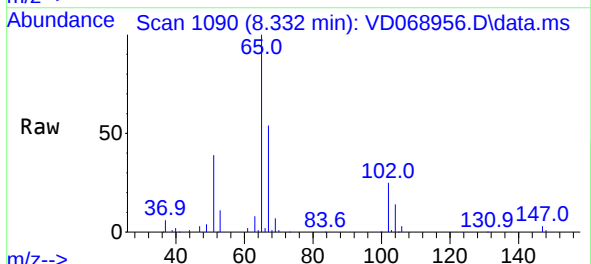
Instrument :
MSVOA_D
ClientSampleId :
SB-32-10.5-11.0

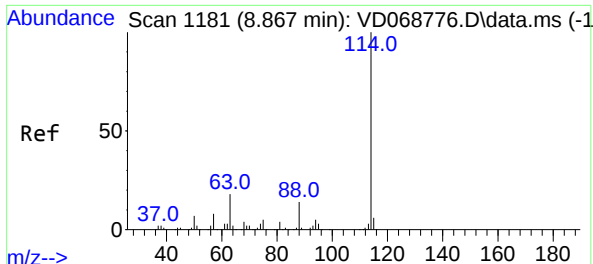
Tgt Ion: 43 Resp: 9882
Ion Ratio Lower Upper
43 100
72 26.0 28.6 43.0#



#33
1,2-Dichloroethane-d4
Concen: 40.19 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068956.D
Acq: 22 Apr 2021 16:47

Tgt Ion: 65 Resp: 115860
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.0



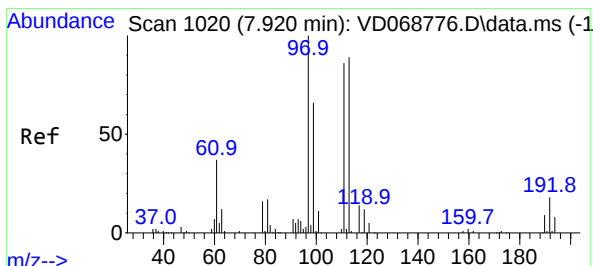
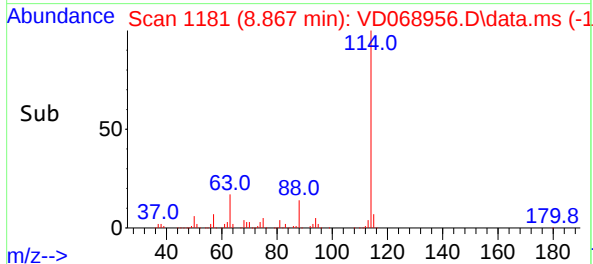
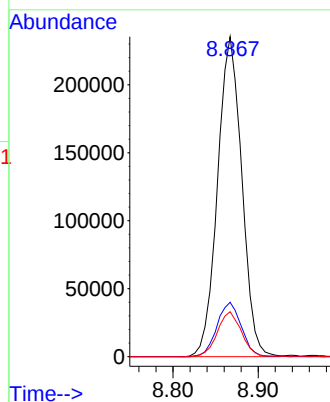
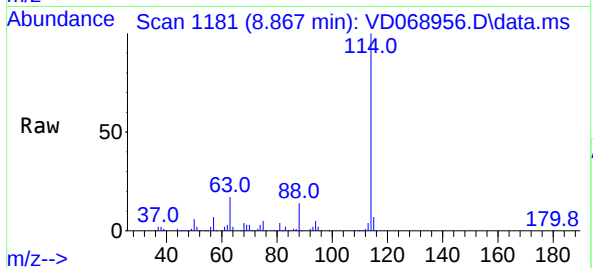


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068956.D
Acq: 22 Apr 2021 16:47

Instrument :
MSVOA_D
ClientSampleId :
SB-32-10.5-11.0

Tgt Ion:114 Resp: 466119

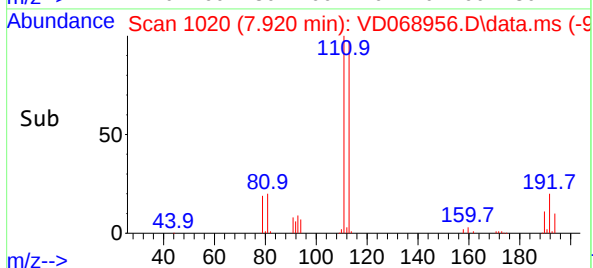
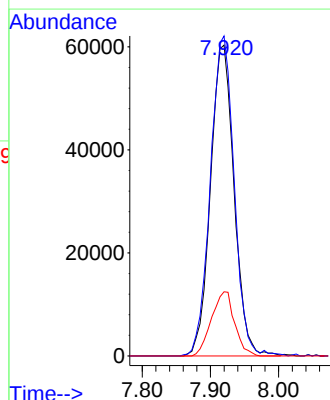
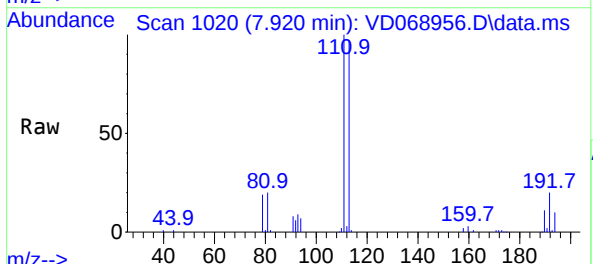
Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	38.2
88	14.0	0.0	29.4

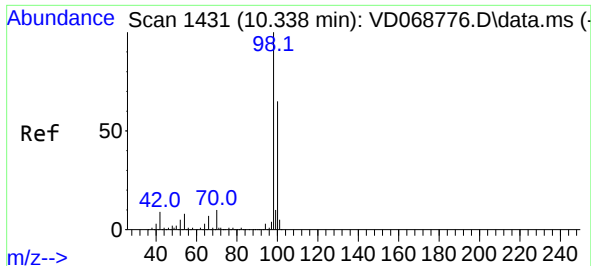


#35
Dibromofluoromethane
Concen: 47.84 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068956.D
Acq: 22 Apr 2021 16:47

Tgt Ion:113 Resp: 145048

Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.5	123.7
192	20.3	15.1	22.7

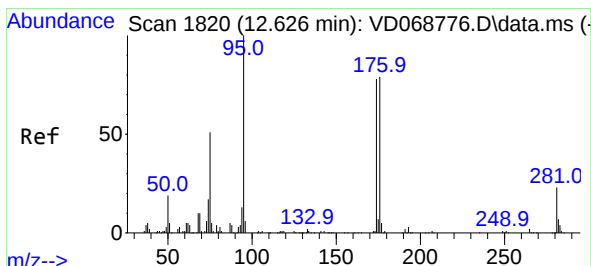
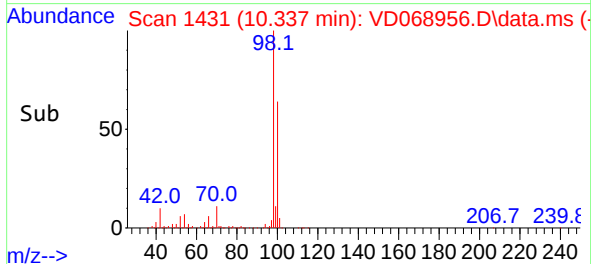
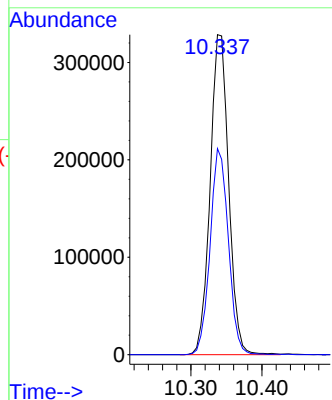
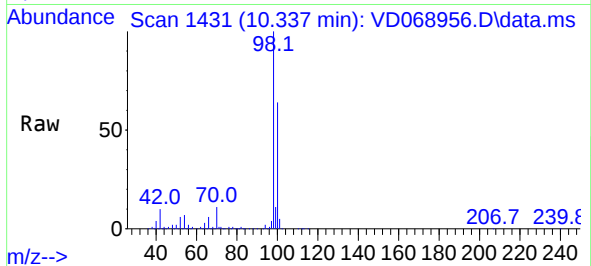




#50
Toluene-d8
Concen: 52.00 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD068956.D
Acq: 22 Apr 2021 16:47

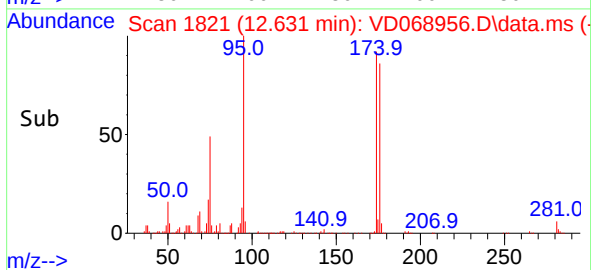
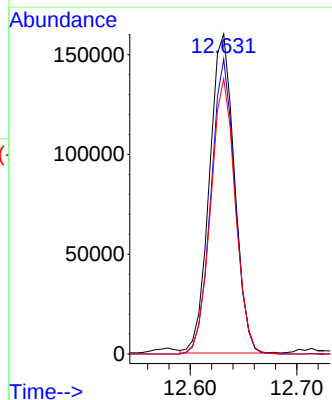
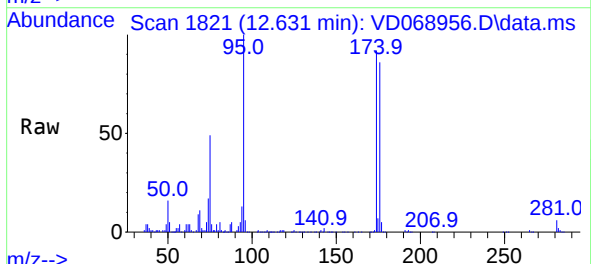
Instrument :
MSVOA_D
ClientSampleId :
SB-32-10.5-11.0

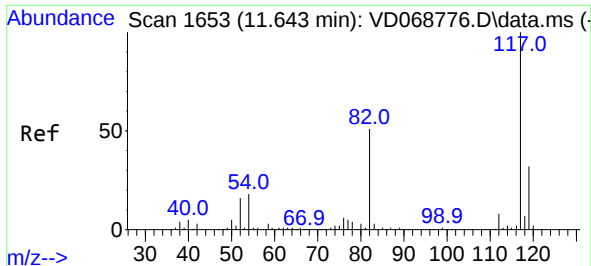
Tgt Ion: 98 Resp: 594678
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 68.45 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD068956.D
Acq: 22 Apr 2021 16:47

Tgt Ion: 95 Resp: 260012
Ion Ratio Lower Upper
95 100
174 88.6 0.0 168.0
176 84.9 0.0 160.2

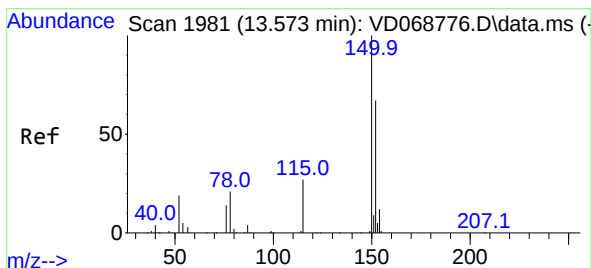
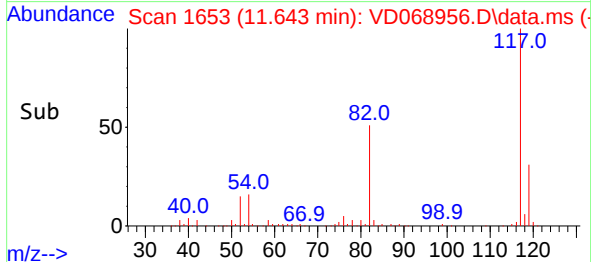
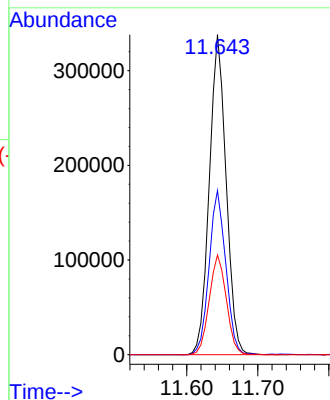
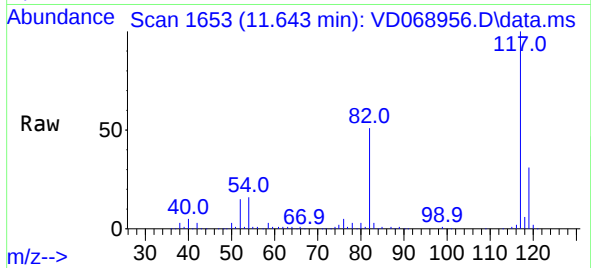




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068956.D
Acq: 22 Apr 2021 16:47

Instrument :
MSVOA_D
ClientSampleId :
SB-32-10.5-11.0

Tgt Ion:	117	Resp:	555298
Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.5	65.3
119	31.1	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: VD068956.D
Acq: 22 Apr 2021 16:47

Tgt Ion:	152	Resp:	301454
Ion	Ratio	Lower	Upper
152	100		
115	56.7	29.3	87.8
150	156.8	0.0	347.6

