

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022321\
 Data File : VD068422.D
 Acq On : 23 Feb 2021 13:23
 Operator : VA/SY
 Sample : M1462-01
 Misc : 6.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-022221

Quant Time: Feb 24 09:06:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

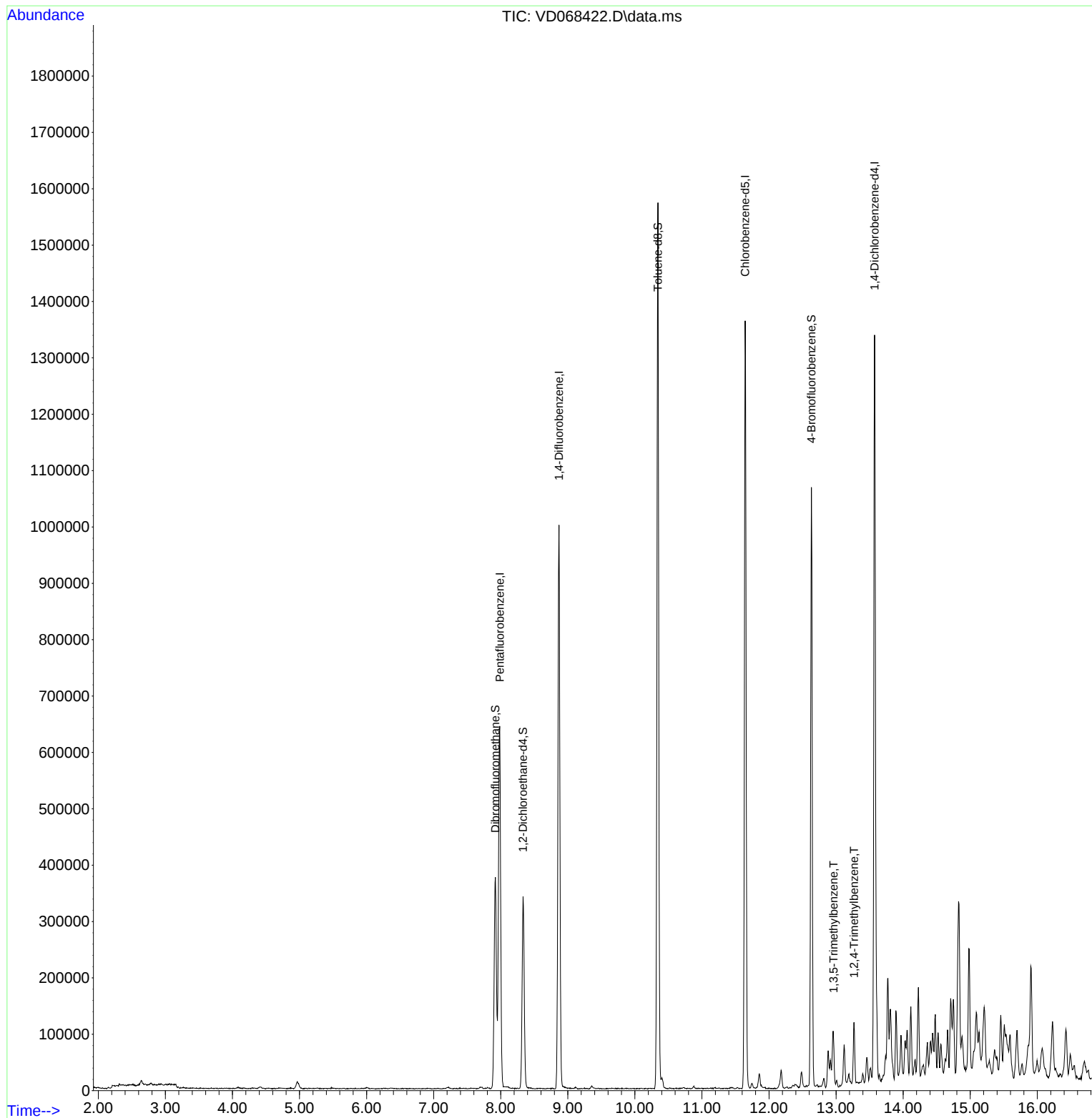
Internal Standards						
1) Pentafluorobenzene	7.985	168	496201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	898230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	819581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	363940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	264304	52.10	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.20%			
35) Dibromofluoromethane	7.920	113	273792	51.35	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.70%			
50) Toluene-d8	10.344	98	1107861	50.13	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.26%			
62) 4-Bromofluorobenzene	12.632	95	359378	49.92	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.84%			
Target Compounds						
80) 1,3,5-Trimethylbenzene	12.961	105	32625	1.50	ug/l	93
84) 1,2,4-Trimethylbenzene	13.267	105	62376	2.88	ug/l	98

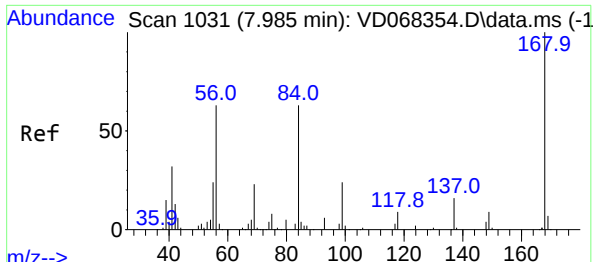
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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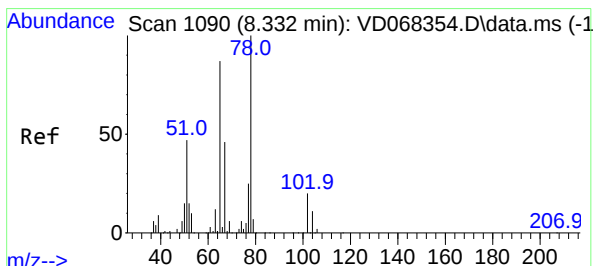
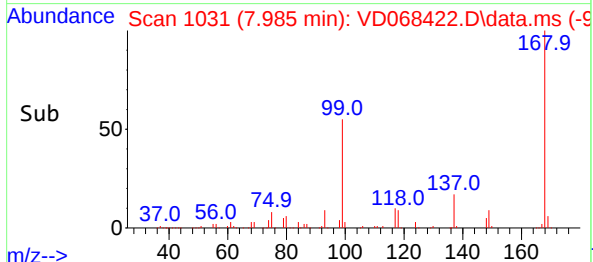
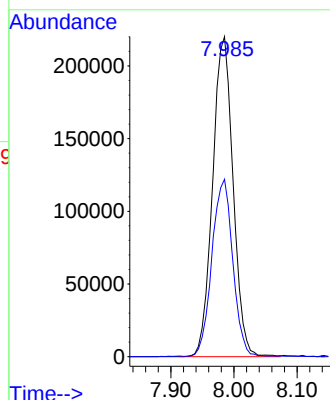
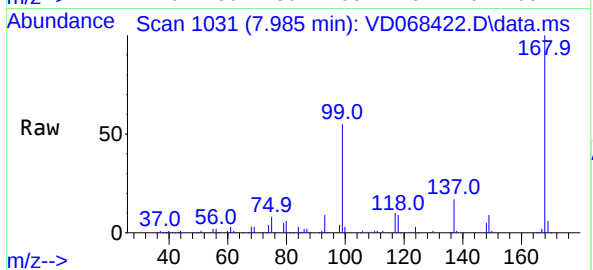




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068422.D
Acq: 23 Feb 2021 13:23

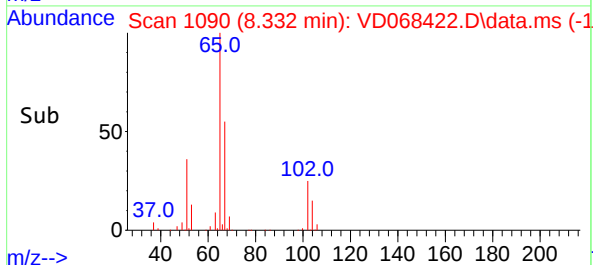
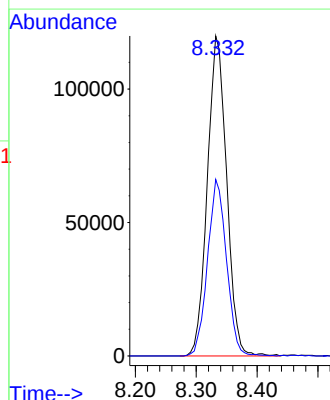
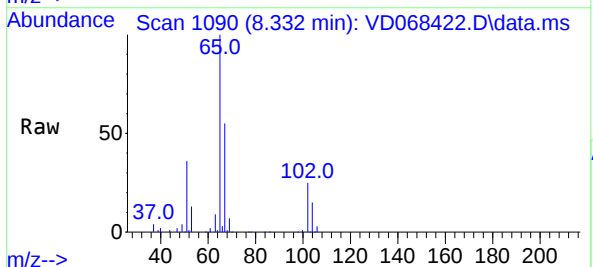
Instrument :
MSVOA_D
ClientSampleId :
CL-01-022221

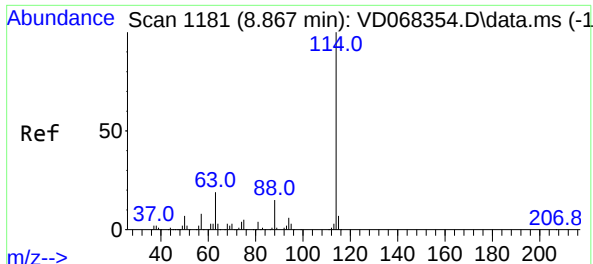
Tgt Ion:168 Resp: 496201
Ion Ratio Lower Upper
168 100
99 55.3 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 52.10 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068422.D
Acq: 23 Feb 2021 13:23

Tgt Ion: 65 Resp: 264304
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.0



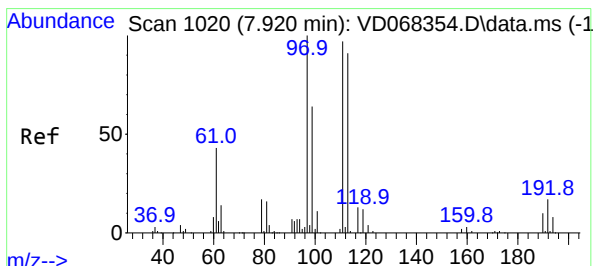
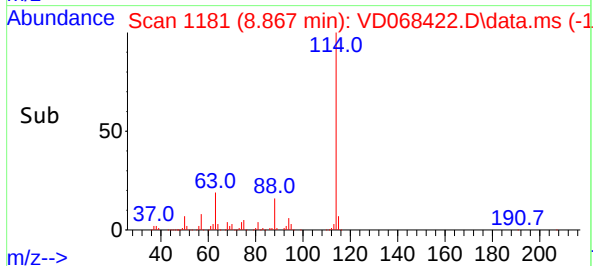
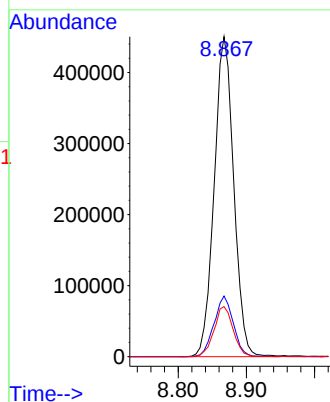
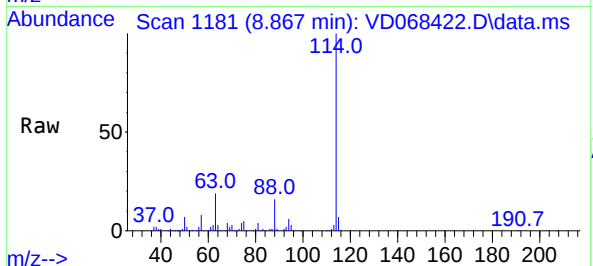


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068422.D
Acq: 23 Feb 2021 13:23

Instrument :
MSVOA_D
ClientSampleId :
CL-01-022221

Tgt Ion:114 Resp: 898230

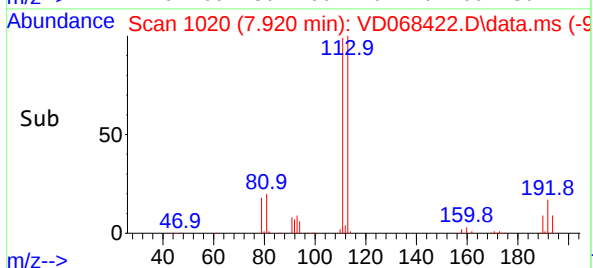
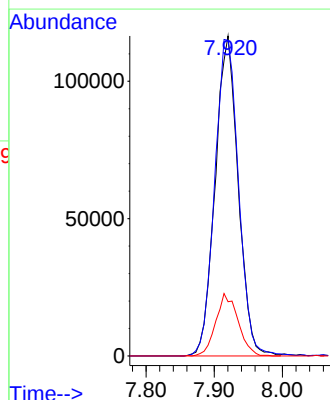
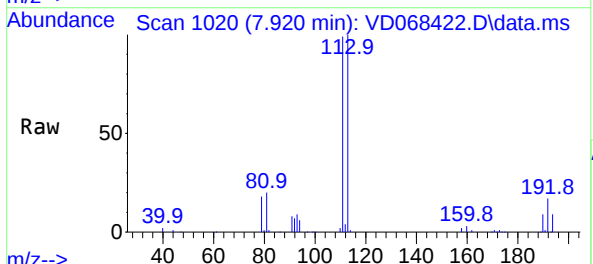
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	34.8
88	15.7	0.0	31.6

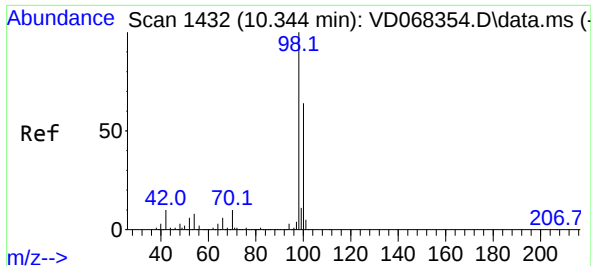


#35
Dibromofluoromethane
Concen: 51.35 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068422.D
Acq: 23 Feb 2021 13:23

Tgt Ion:113 Resp: 273792

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	18.9	16.1	24.1

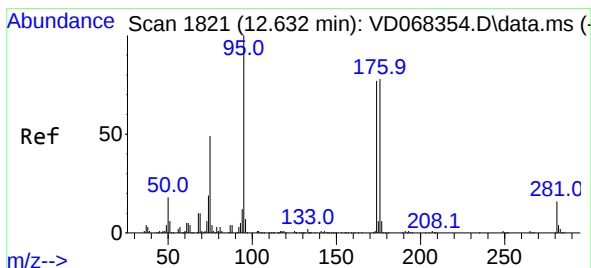
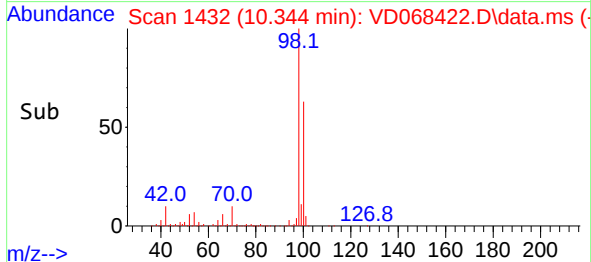
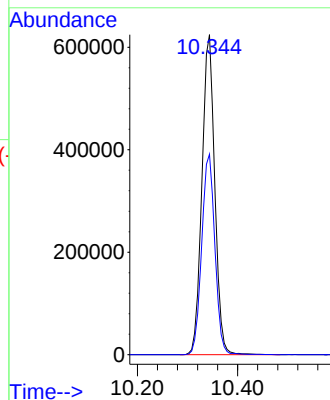
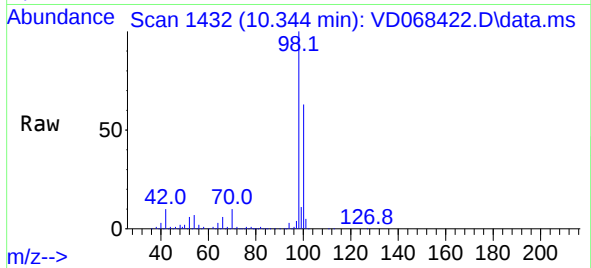




#50
Toluene-d8
Concen: 50.13 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068422.D
Acq: 23 Feb 2021 13:23

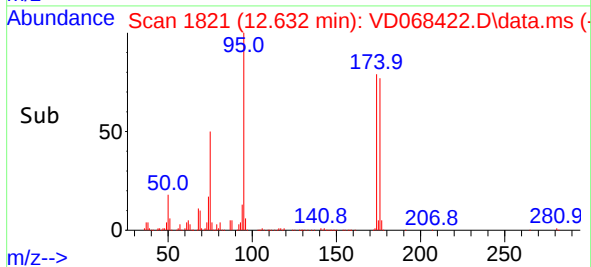
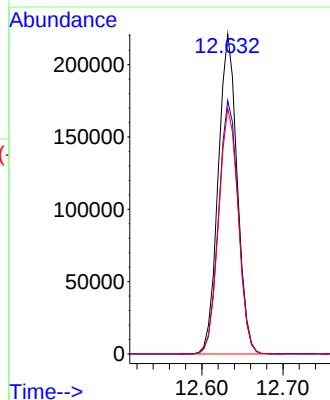
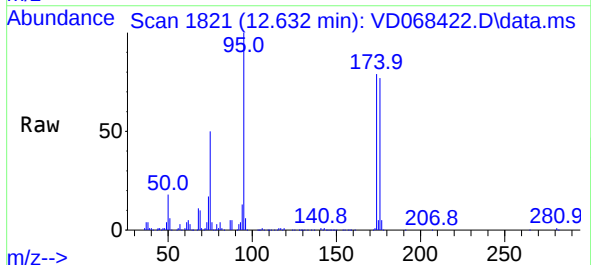
Instrument :
MSVOA_D
ClientSampleId :
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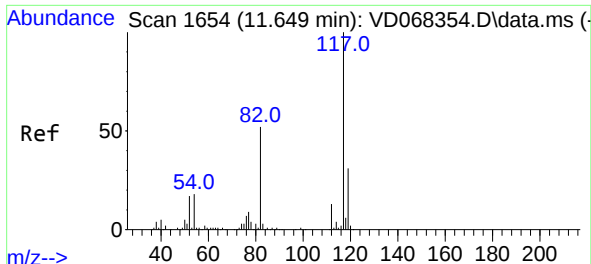
Tgt Ion: 98 Resp: 1107861
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068422.D
Acq: 23 Feb 2021 13:23

Tgt Ion: 95 Resp: 359378
Ion Ratio Lower Upper
95 100
174 82.1 0.0 172.4
176 79.1 0.0 168.4

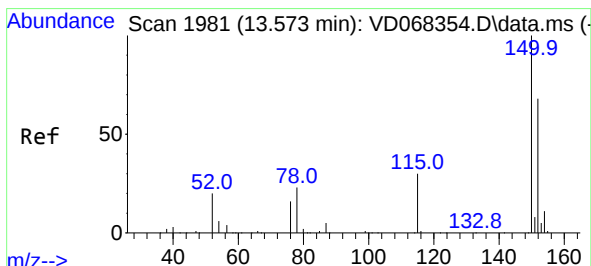
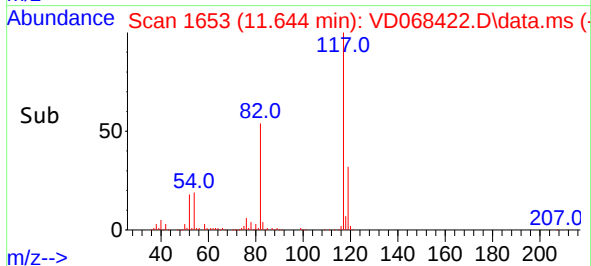
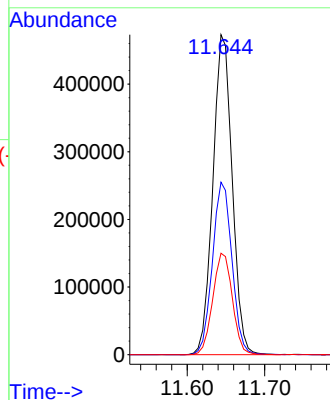
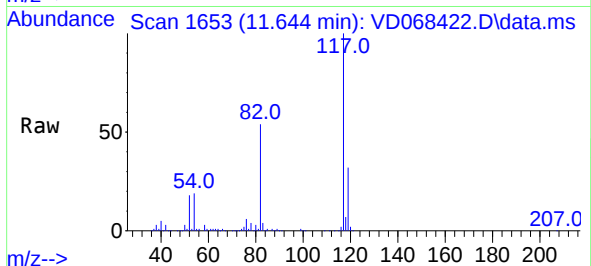




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068422.D
Acq: 23 Feb 2021 13:23

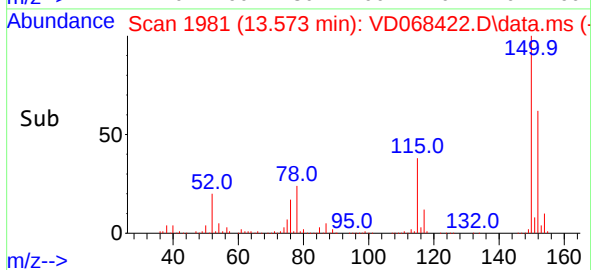
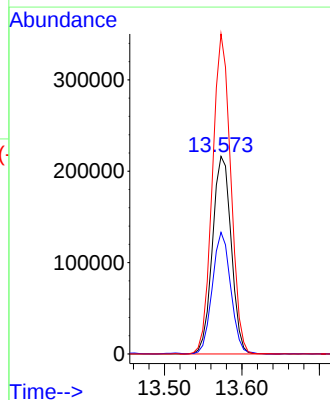
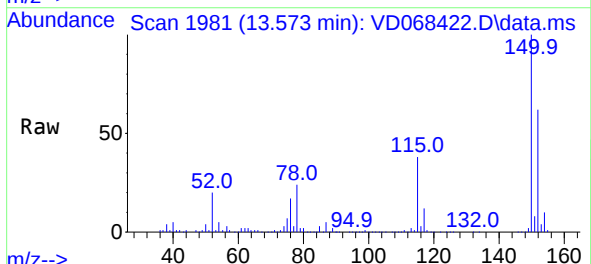
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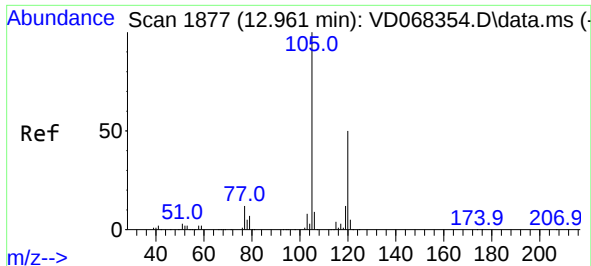
Tgt Ion:	117	Resp:	819581
Ion	Ratio	Lower	Upper
117	100		
82	53.9	41.4	62.0
119	31.7	26.1	39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068422.D
Acq: 23 Feb 2021 13:23

Tgt Ion:	152	Resp:	363940
Ion	Ratio	Lower	Upper
152	100		
115	60.5	28.9	86.8
150	158.1	0.0	344.4

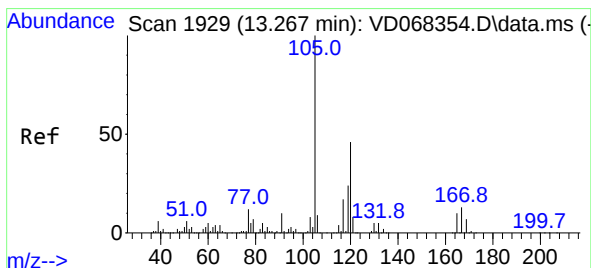
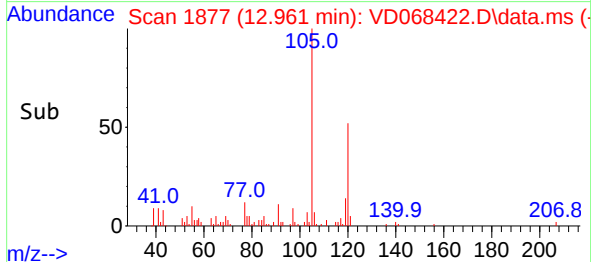
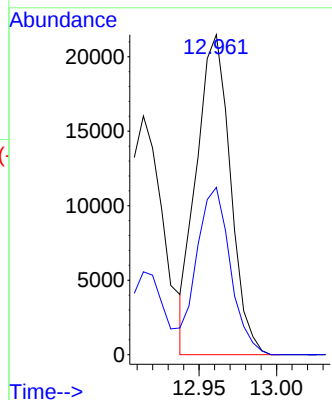
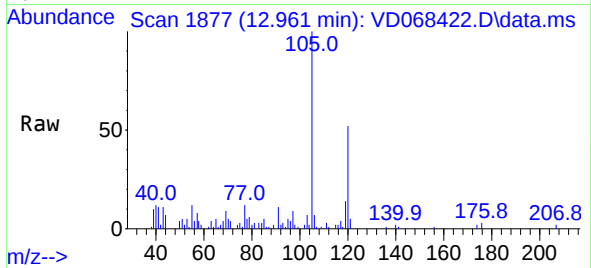




#80
1,3,5-Trimethylbenzene
Concen: 1.50 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068422.D
Acq: 23 Feb 2021 13:23

Instrument :
MSVOA_D
ClientSampleId :
CL-01-022221

Tgt Ion:105 Resp: 32625
Ion Ratio Lower Upper
105 100
120 53.4 24.2 72.6



#84
1,2,4-Trimethylbenzene
Concen: 2.88 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068422.D
Acq: 23 Feb 2021 13:23

Tgt Ion:105 Resp: 62376
Ion Ratio Lower Upper
105 100
120 45.8 22.4 67.0

