

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
 Data File : VD068787.D
 Acq On : 08 Apr 2021 14:16
 Operator : VA/SY
 Sample : M1979-14
 Misc : 5.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-14

Quant Time: Apr 09 01:02:06 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)

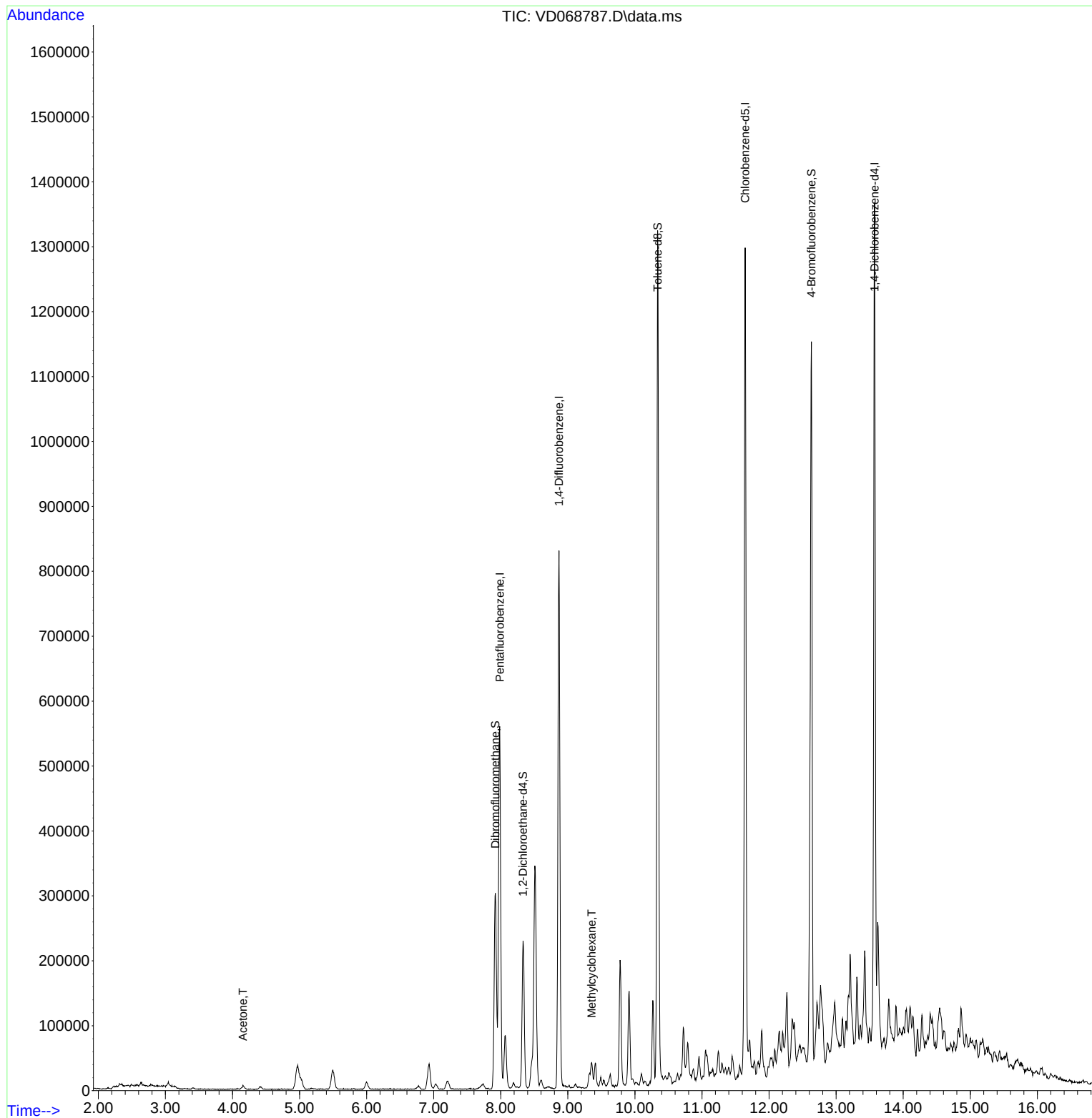
Internal Standards						
1) Pentafluorobenzene	7.985	168	427710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	754631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	760857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	358900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	183750	40.65	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.30%
35) Dibromofluoromethane	7.920	113	225511	45.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.88%
50) Toluene-d8	10.338	98	930253	50.24	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.48%
62) 4-Bromofluorobenzene	12.632	95	346225	56.30	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.60%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	7580	12.11	ug/l #	87
39) Methylcyclohexane	9.355	83	11190	1.26	ug/l	90

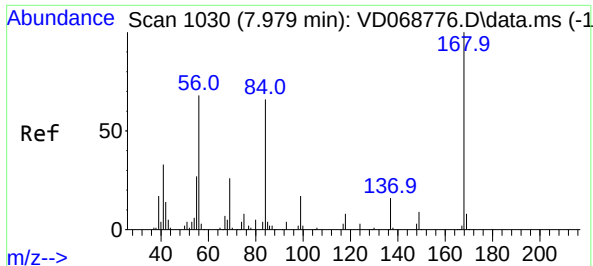
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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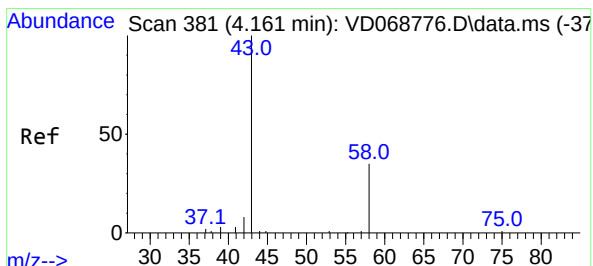
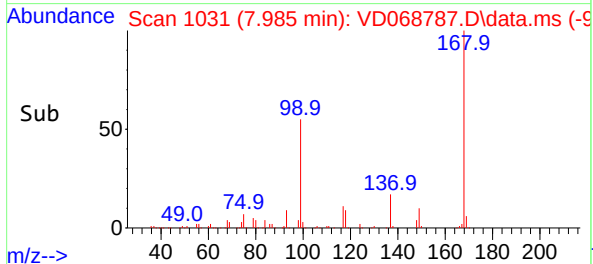
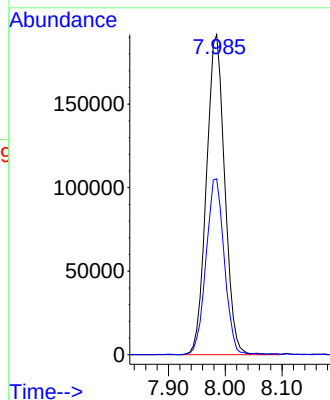
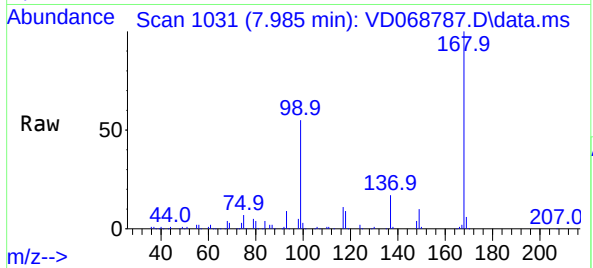




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068787.D
Acq: 08 Apr 2021 14:16

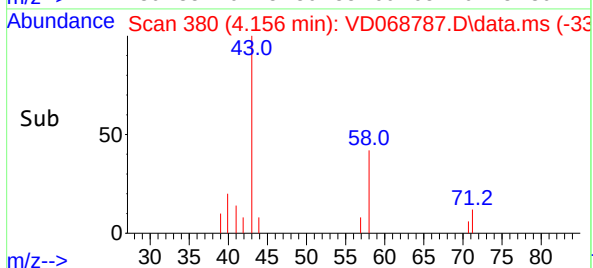
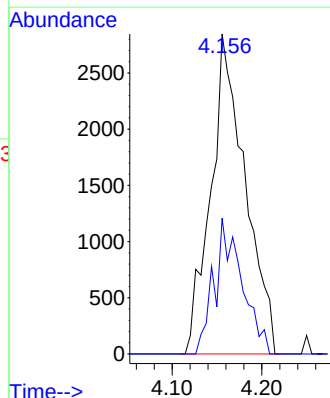
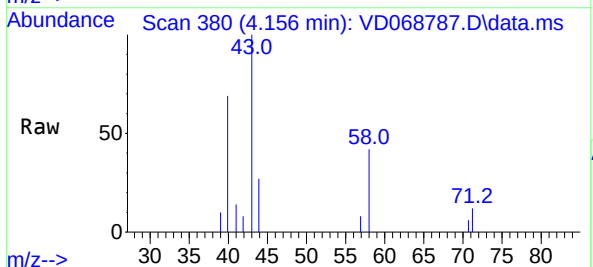
Instrument :
MSVOA_D
ClientSampled :
S-14

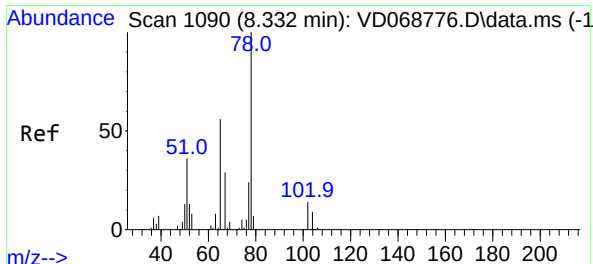
Tgt Ion:168 Resp: 427710
Ion Ratio Lower Upper
168 100
99 55.0 46.2 69.2



#16
Acetone
Concen: 12.11 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068787.D
Acq: 08 Apr 2021 14:16

Tgt Ion: 43 Resp: 7580
Ion Ratio Lower Upper
43 100
58 42.4 28.0 42.0#

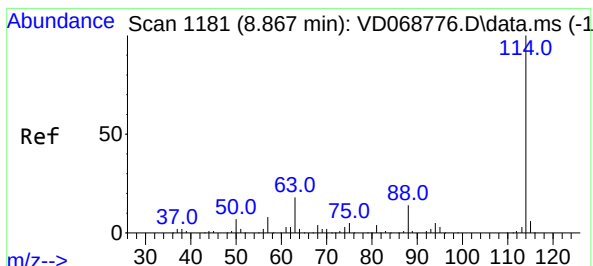
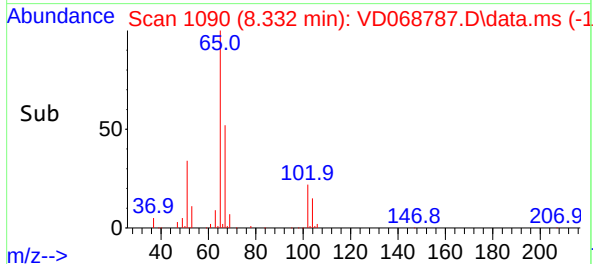
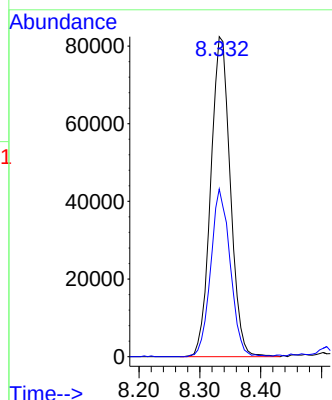
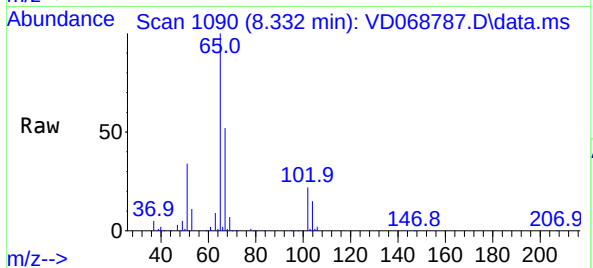




#33
1,2-Dichloroethane-d4
Concen: 40.65 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068787.D
Acq: 08 Apr 2021 14:16

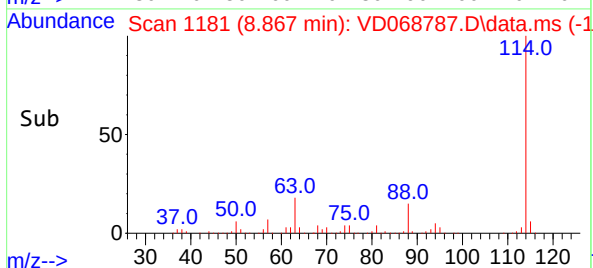
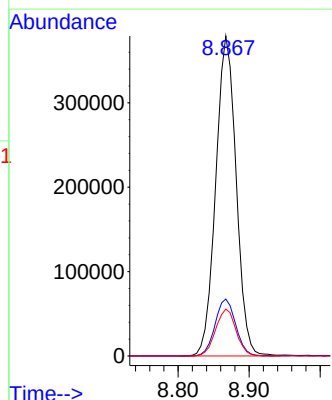
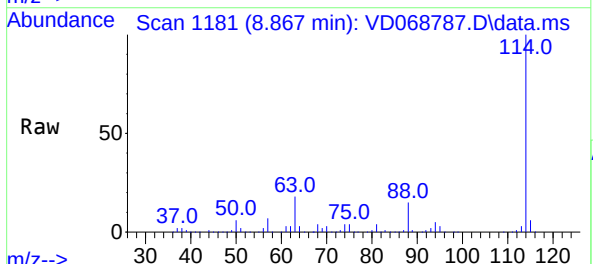
Instrument :
MSVOA_D
ClientSampled :
S-14

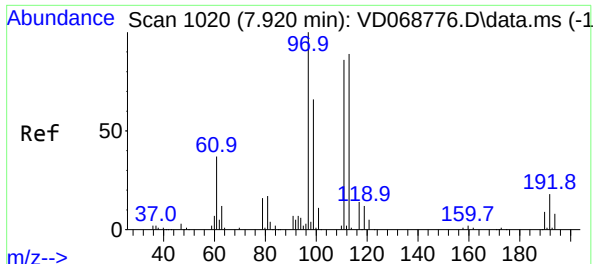
Tgt Ion: 65 Resp: 183750
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068787.D
Acq: 08 Apr 2021 14:16

Tgt Ion:114 Resp: 754631
Ion Ratio Lower Upper
114 100
63 17.8 0.0 38.2
88 14.7 0.0 29.4



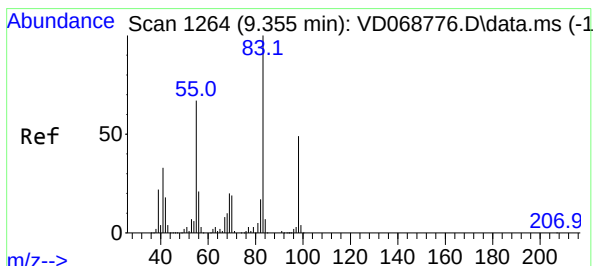
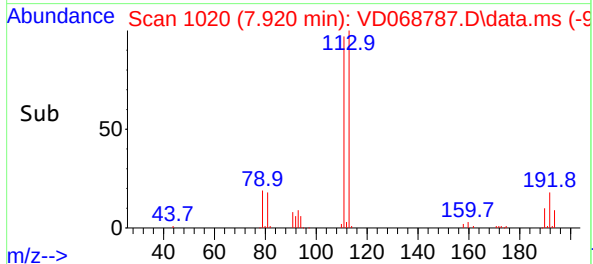
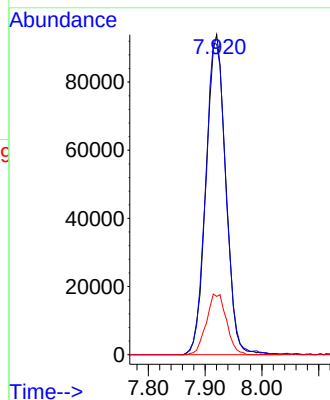
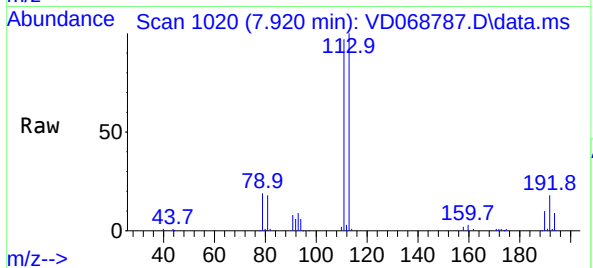


#35
Dibromofluoromethane
Concen: 45.94 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068787.D
Acq: 08 Apr 2021 14:16

Instrument :
MSVOA_D
ClientSampled :
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Tgt Ion:113 Resp: 225511

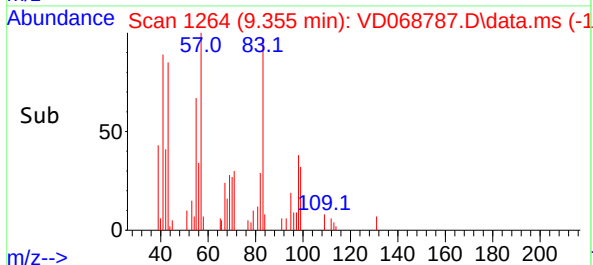
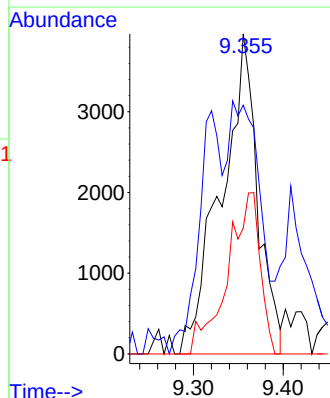
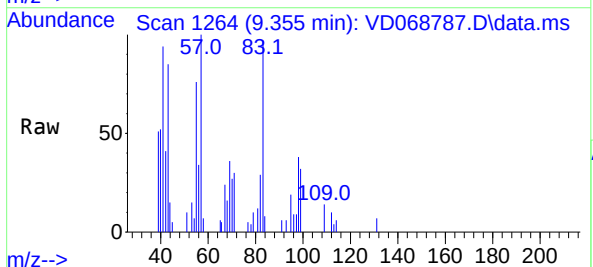
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.5	123.7
192	19.3	15.1	22.7

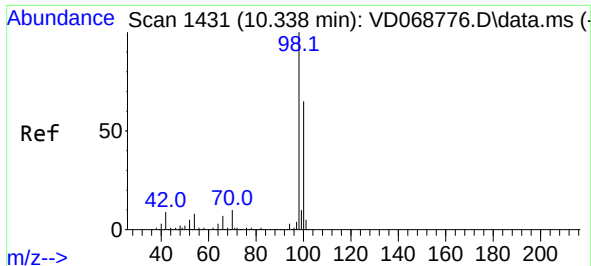


#39
Methylcyclohexane
Concen: 1.26 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD068787.D
Acq: 08 Apr 2021 14:16

Tgt Ion: 83 Resp: 11190

Ion	Ratio	Lower	Upper
83	100		
55	70.2	51.7	77.5
98	39.3	38.8	58.2

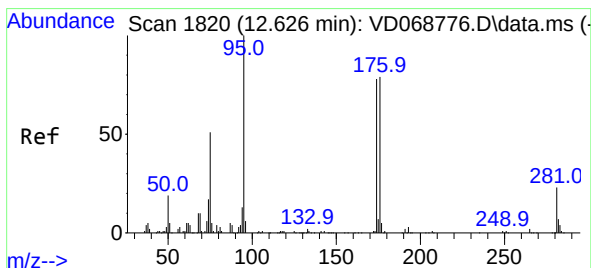
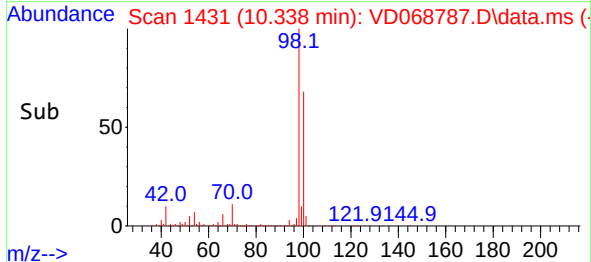
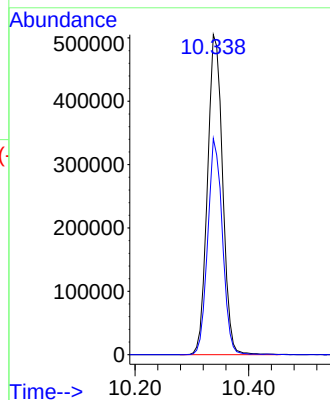
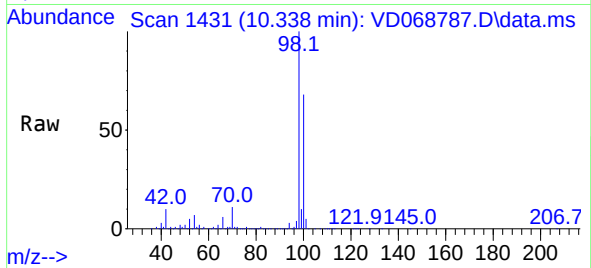




#50
Toluene-d8
Concen: 50.24 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068787.D
Acq: 08 Apr 2021 14:16

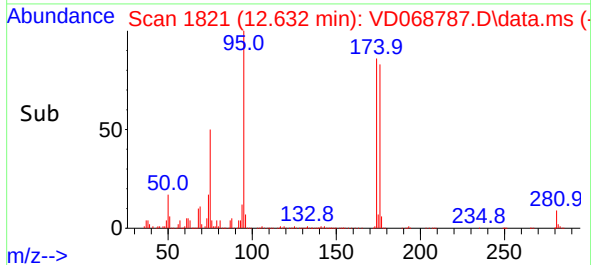
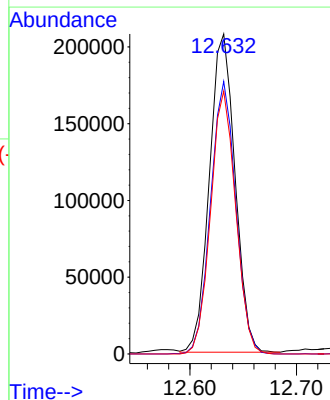
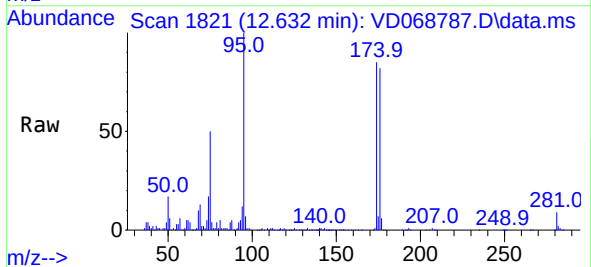
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S-14

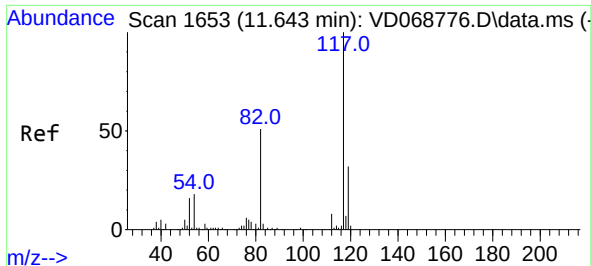
Tgt Ion: 98 Resp: 930253
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 56.30 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068787.D
Acq: 08 Apr 2021 14:16

Tgt Ion: 95 Resp: 346225
Ion Ratio Lower Upper
95 100
174 84.1 0.0 168.0
176 80.6 0.0 160.2

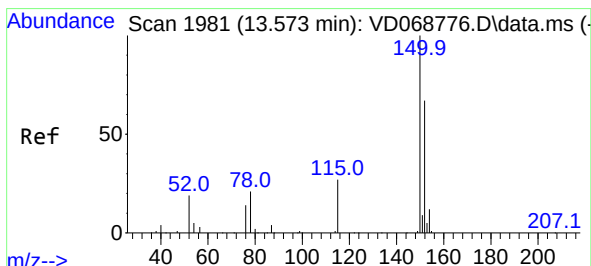
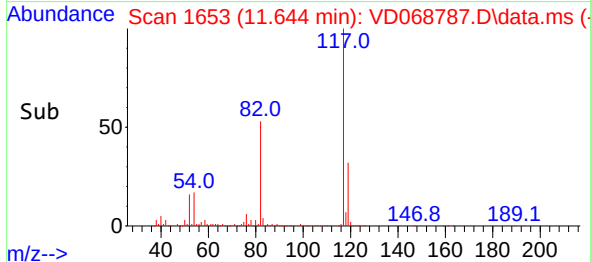
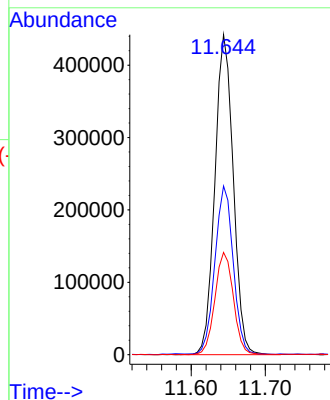
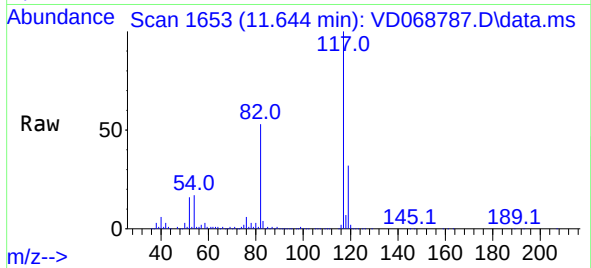




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068787.D
Acq: 08 Apr 2021 14:16

Instrument :
MSVOA_D
ClientSampled :
S-14

Tgt Ion:117 Resp: 760857
Ion Ratio Lower Upper
117 100
82 52.5 43.5 65.3
119 31.9 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: VD068787.D
Acq: 08 Apr 2021 14:16

Tgt Ion:152 Resp: 358900
Ion Ratio Lower Upper
152 100
115 59.4 29.3 87.8
150 158.3 0.0 347.6

