

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011321\
 Data File : VD068064.D
 Acq On : 13 Jan 2021 12:01
 Operator : VA/SY
 Sample : M1091-01
 Misc : 6.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-011221

Quant Time: Jan 13 12:26:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 13 03:57:57 2021
 Response via : Initial Calibration

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

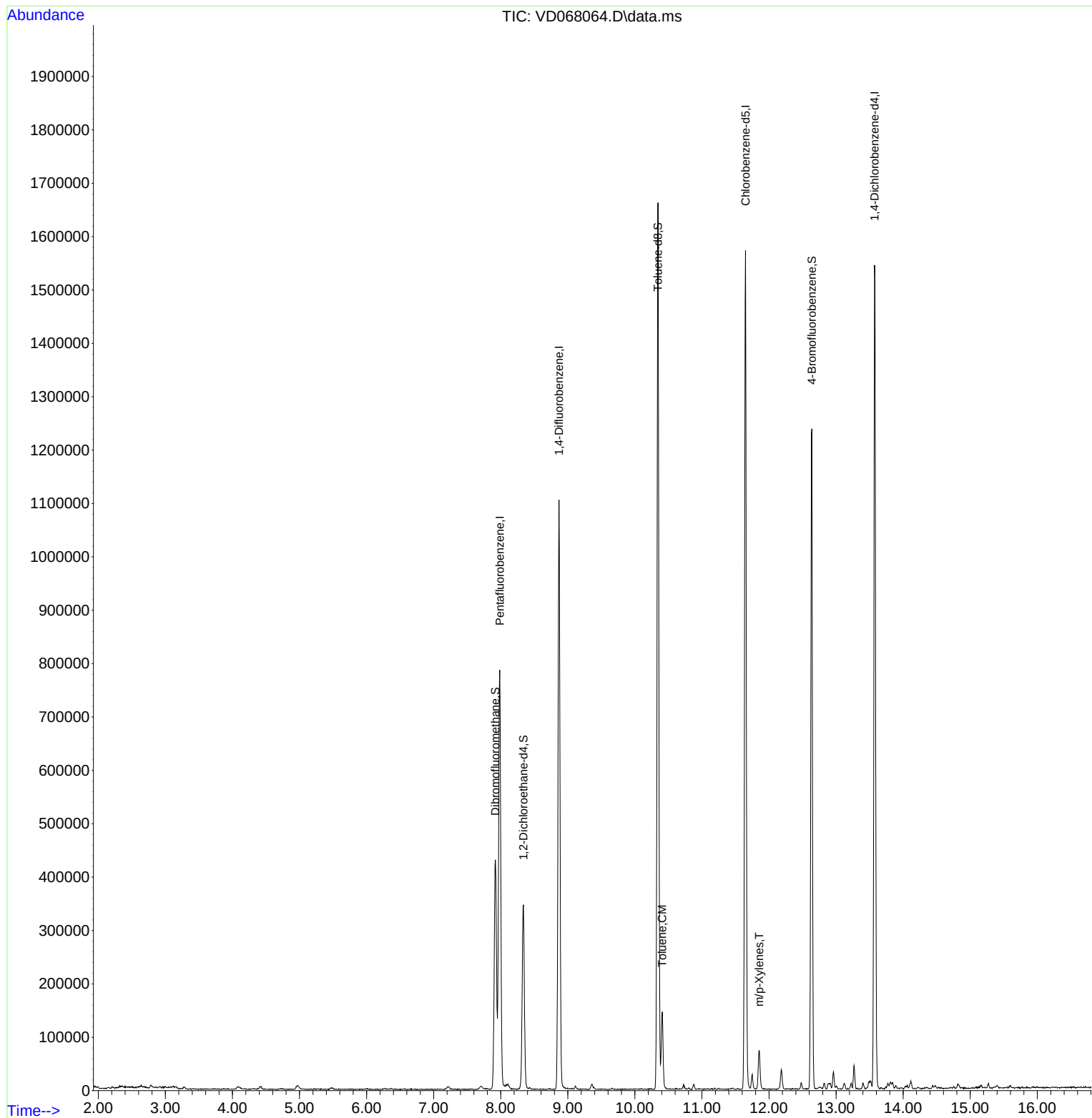
Internal Standards						
1) Pentafluorobenzene	7.985	168	604800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1008049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	972057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	445411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	285347	55.49	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.98%	
35) Dibromofluoromethane	7.920	113	311400	54.20	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.40%	
50) Toluene-d8	10.344	98	1172046	55.35	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.70%	
62) 4-Bromofluorobenzene	12.638	95	428560	57.76	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.52%	
Target Compounds						
						Qvalue
52) Toluene	10.408	92	61881	3.71	ug/l	94
68) m/p-Xylenes	11.855	106	23899	1.85	ug/l	97

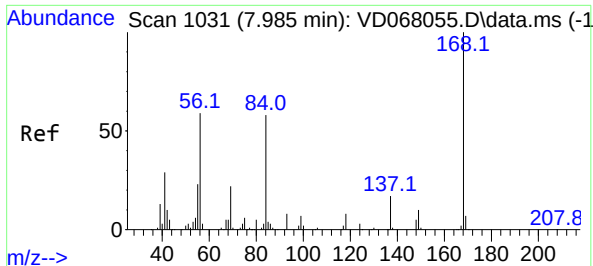
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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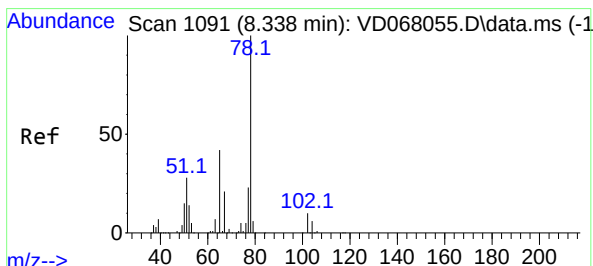
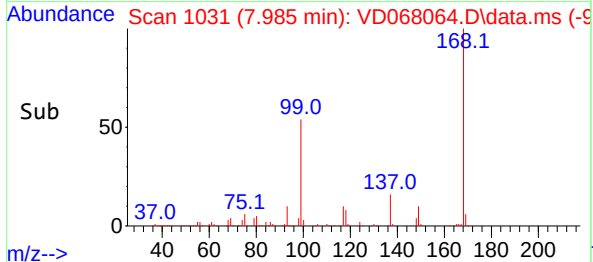
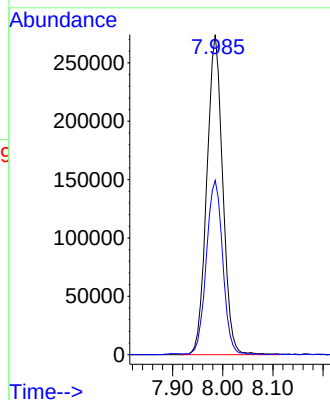
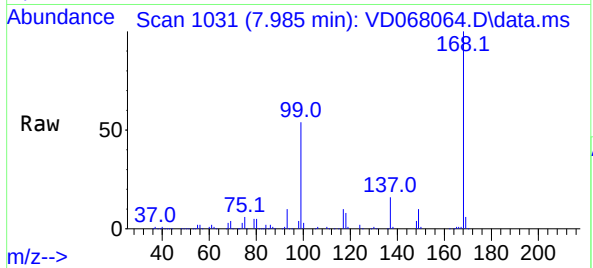




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068064.D
Acq: 13 Jan 2021 12:01

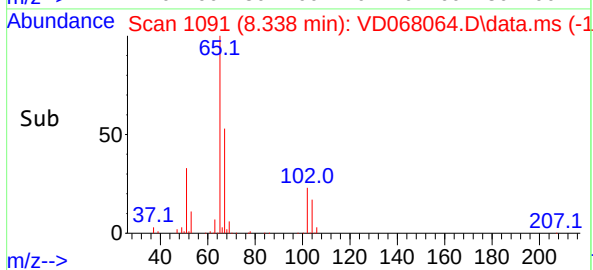
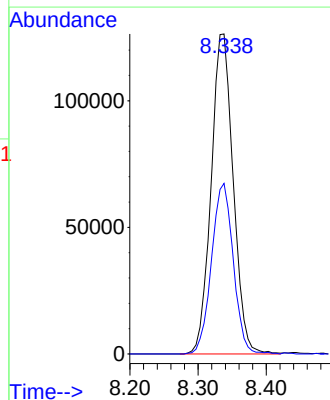
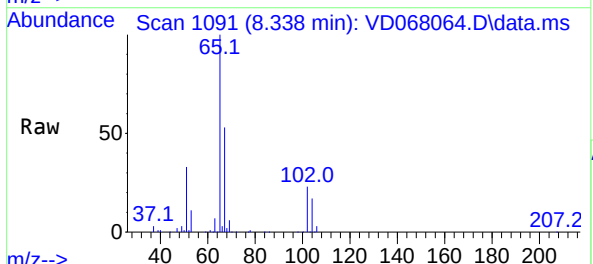
Instrument :
MSVOA_D
ClientSampleId :
OK-03-011221

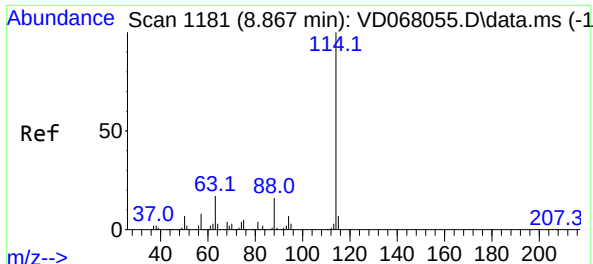
Tgt Ion:168 Resp: 604800
Ion Ratio Lower Upper
168 100
99 54.4 43.5 65.3



#33
1,2-Dichloroethane-d4
Concen: 55.49 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068064.D
Acq: 13 Jan 2021 12:01

Tgt Ion: 65 Resp: 285347
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0



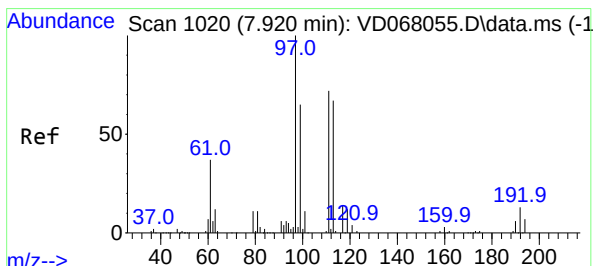
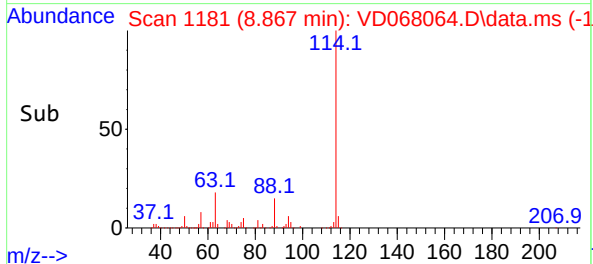
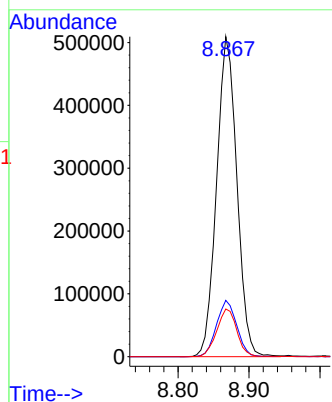
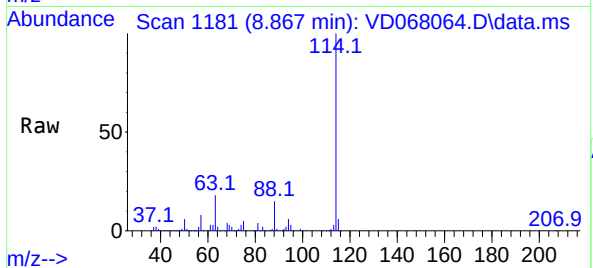


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068064.D
Acq: 13 Jan 2021 12:01

Instrument :
MSVOA_D
ClientSampleId :
OK-03-011221

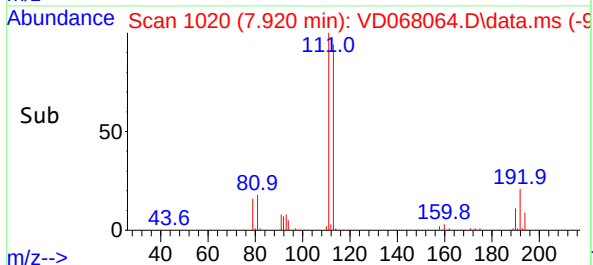
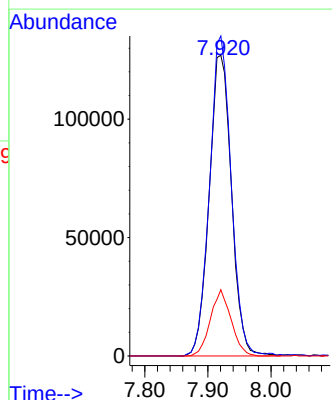
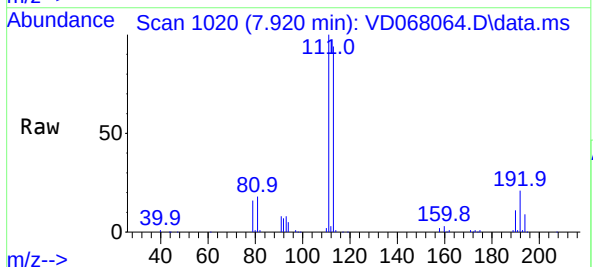
Tgt Ion:114 Resp: 1008049
Ion Ratio Lower Upper
114 100
63 17.6 0.0 34.8
88 14.9 0.0 31.6

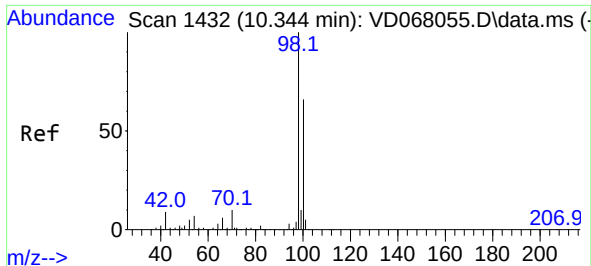


#35

Dibromofluoromethane
Concen: 54.20 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068064.D
Acq: 13 Jan 2021 12:01

Tgt Ion:113 Resp: 311400
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 20.4 16.1 24.1

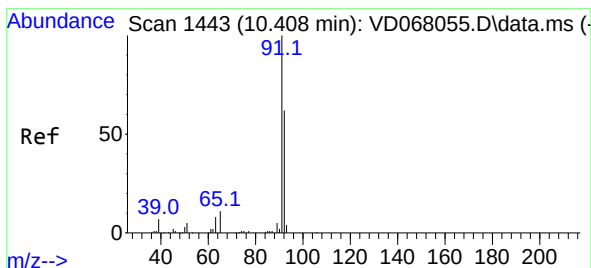
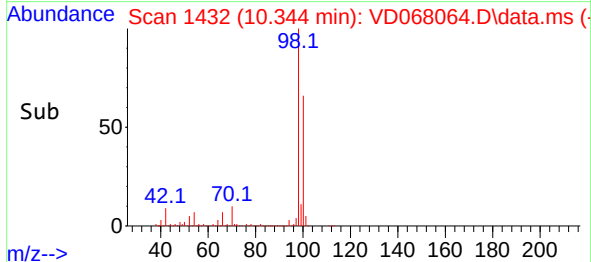
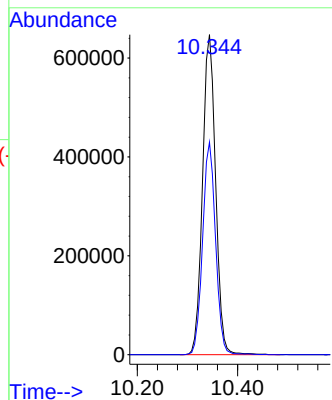
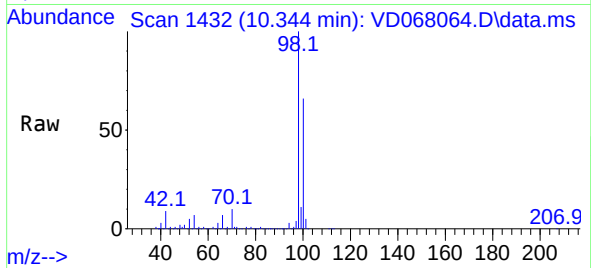




#50
Toluene-d8
Concen: 55.35 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068064.D
Acq: 13 Jan 2021 12:01

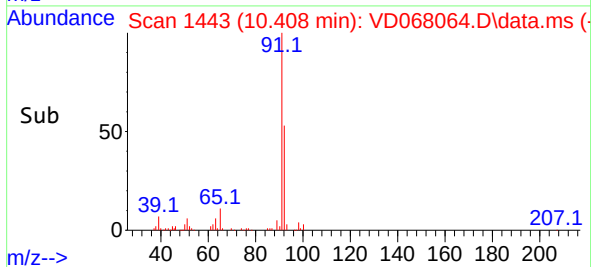
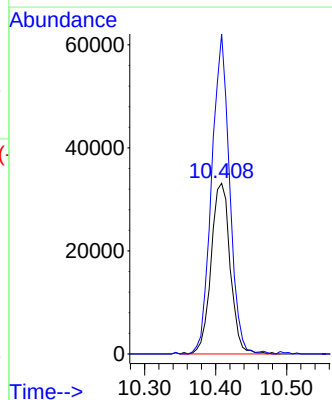
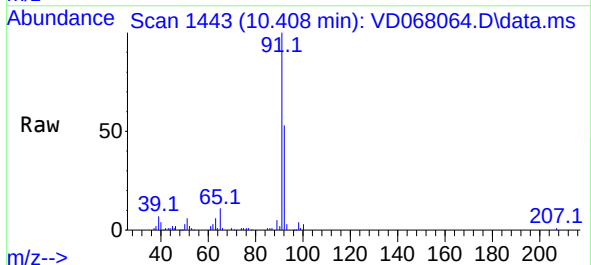
Instrument :
MSVOA_D
ClientSampleId :
OK-03-011221

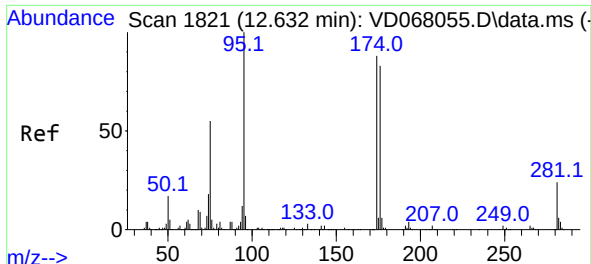
Tgt Ion: 98 Resp: 1172046
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



#52
Toluene
Concen: 3.71 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VD068064.D
Acq: 13 Jan 2021 12:01

Tgt Ion: 92 Resp: 61881
Ion Ratio Lower Upper
92 100
91 175.7 134.1 201.1

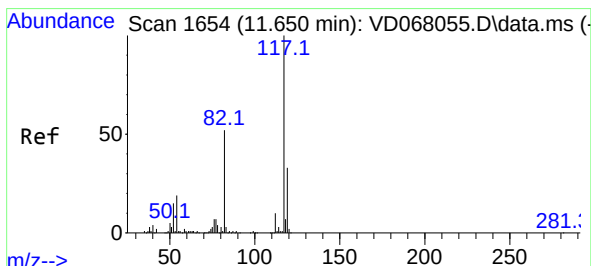
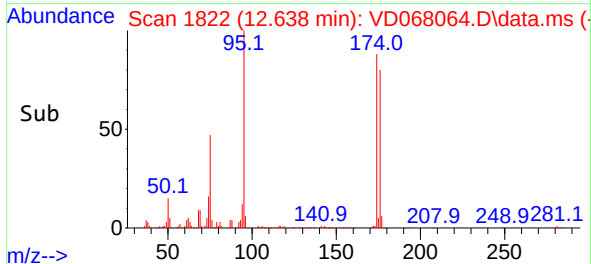
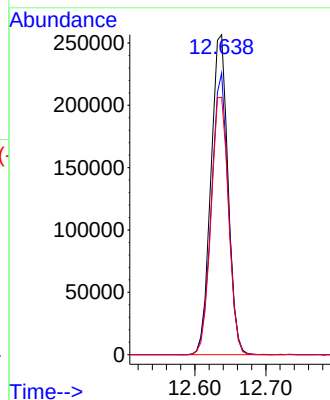
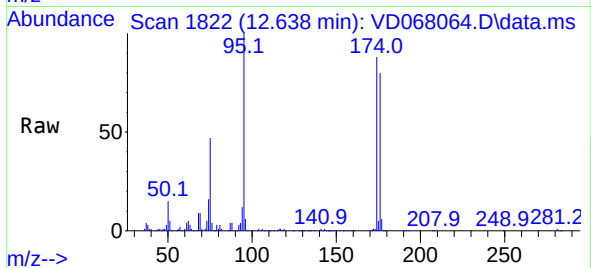




#62
4-Bromofluorobenzene
Concen: 57.76 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068064.D
Acq: 13 Jan 2021 12:01

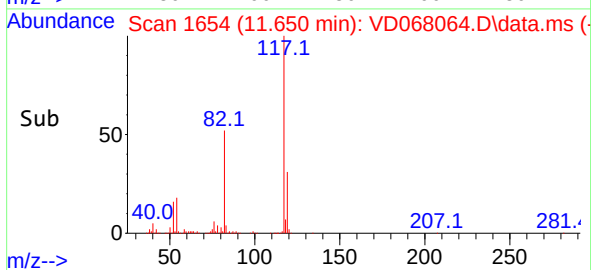
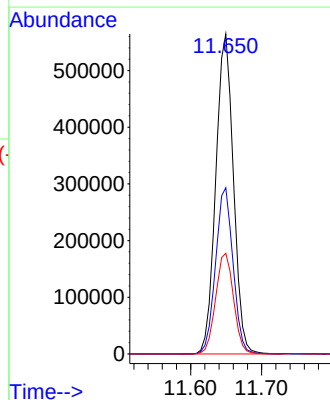
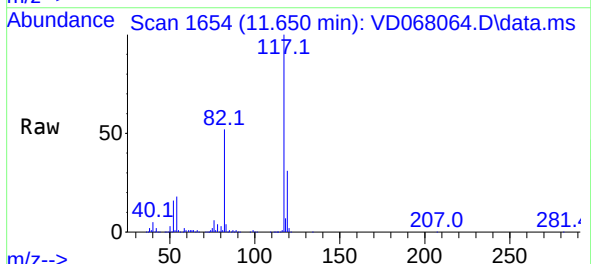
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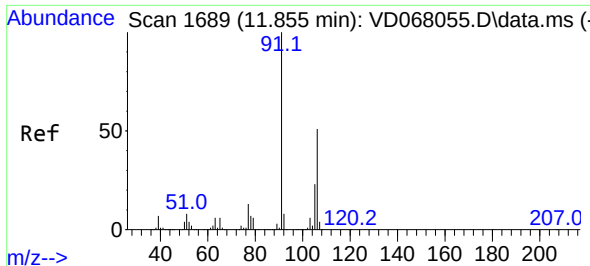
Tgt Ion:	95	Resp:	428560
Ion	Ratio	Lower	Upper
95	100		
174	86.6	0.0	172.4
176	82.2	0.0	168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068064.D
Acq: 13 Jan 2021 12:01

Tgt Ion:	117	Resp:	972057
Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.4	62.0
119	31.5	26.1	39.1

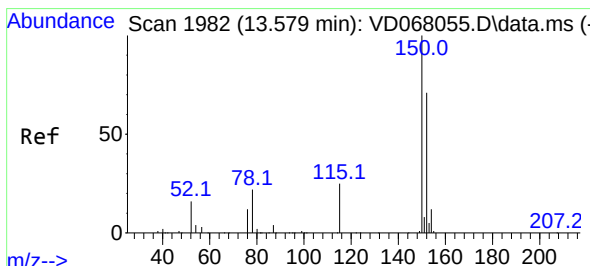
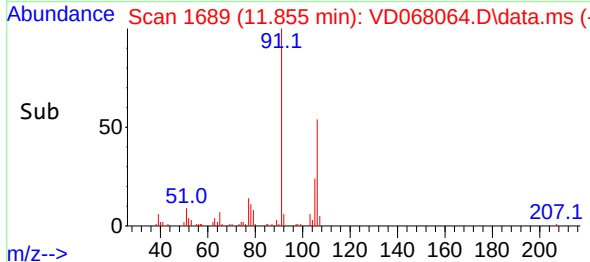
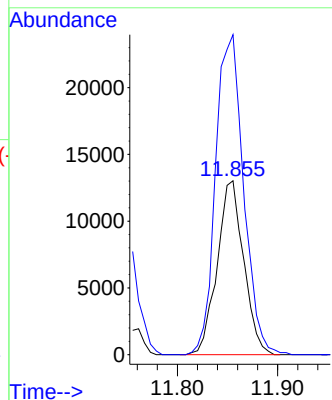
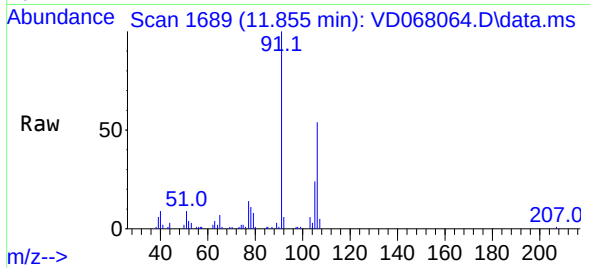




#68
m/p-Xylenes
Concen: 1.85 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068064.D
Acq: 13 Jan 2021 12:01

Instrument :
MSVOA_D
ClientSampleId :
OK-03-011221

Tgt Ion:106 Resp: 23899
Ion Ratio Lower Upper
106 100
91 194.4 159.1 238.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD068064.D
Acq: 13 Jan 2021 12:01

Tgt Ion:152 Resp: 445411
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.8
150 160.5 0.0 344.4

