

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068039.D
 Acq On : 07 Jan 2021 17:29
 Operator : VA/SY
 Sample : M1038-09
 Misc : 6.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CT-SP

Quant Time: Jan 08 00:16:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

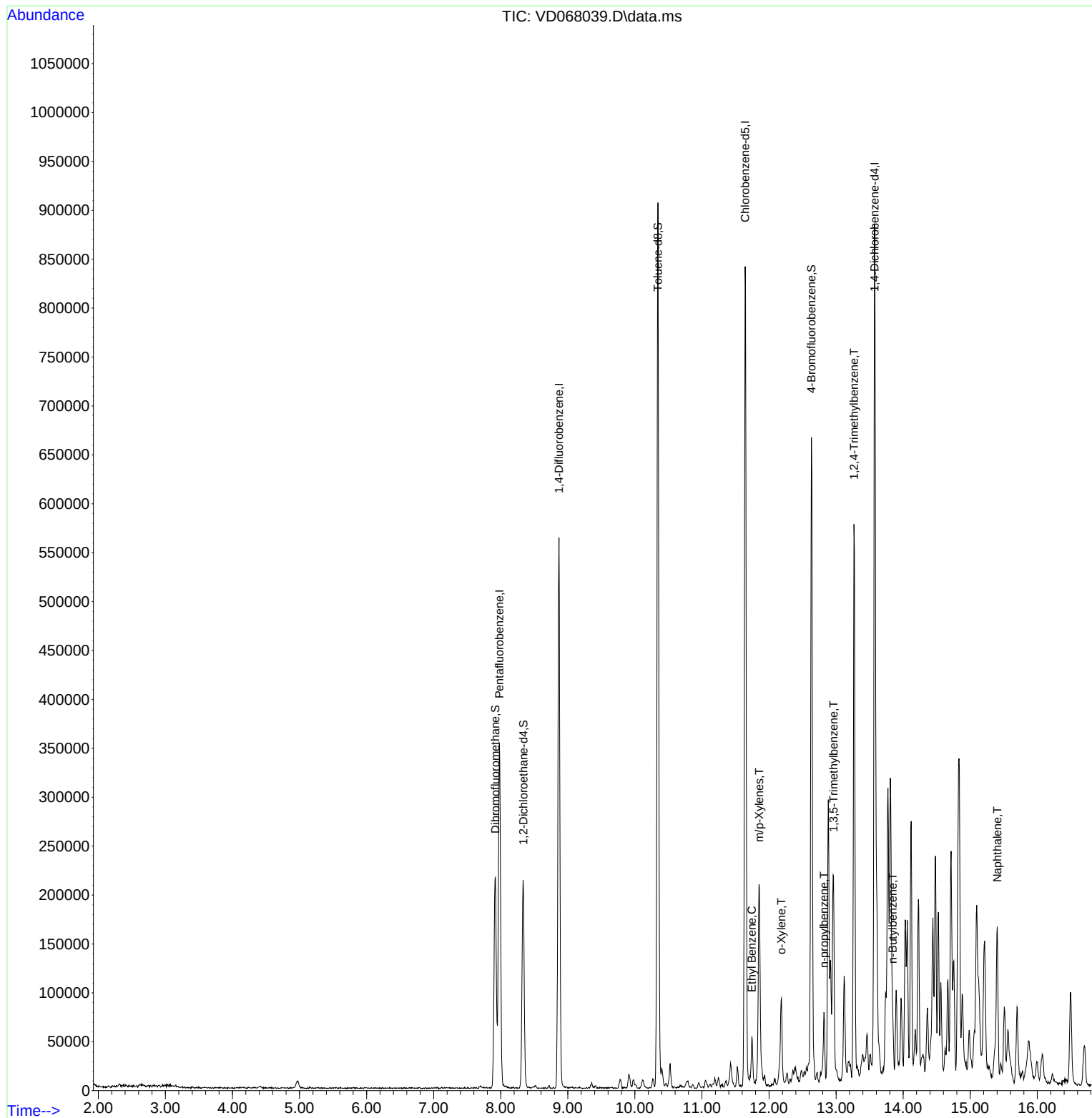
Internal Standards						
1) Pentafluorobenzene	7.979	168	248655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	462817	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	480010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	220781	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	167910	62.53	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.06%			
35) Dibromofluoromethane	7.920	113	160681	55.10	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.20%			
50) Toluene-d8	10.344	98	607658	55.44	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.88%			
62) 4-Bromofluorobenzene	12.632	95	222119	59.24	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.48%			
Target Compounds						Qvalue
67) Ethyl Benzene	11.744	91	32536	1.76	ug/l	97
68) m/p-Xylenes	11.855	106	53088	7.54	ug/l	98
69) o-Xylene	12.185	106	25307	4.02	ug/l	90
78) n-propylbenzene	12.820	91	52030	2.55	ug/l	96
80) 1,3,5-Trimethylbenzene	12.961	105	88383	6.49	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	309247	22.66	ug/l	98
89) n-Butylbenzene	13.844	91	29781	2.08	ug/l #	74
95) Naphthalene	15.402	128	120037	18.23	ug/l	98

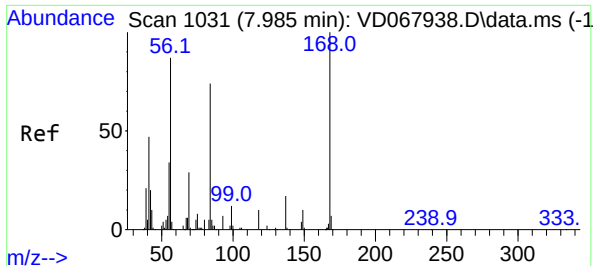
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

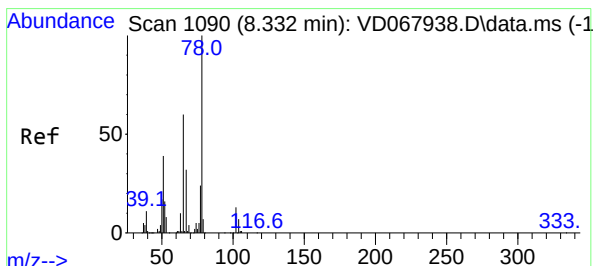
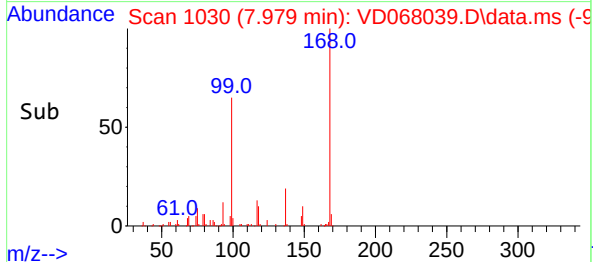
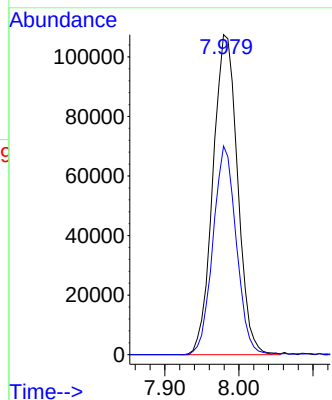
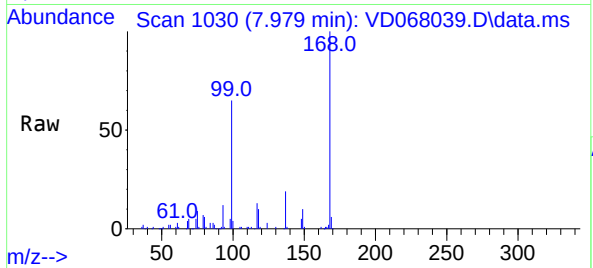




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068039.D
Acq: 07 Jan 2021 17:29

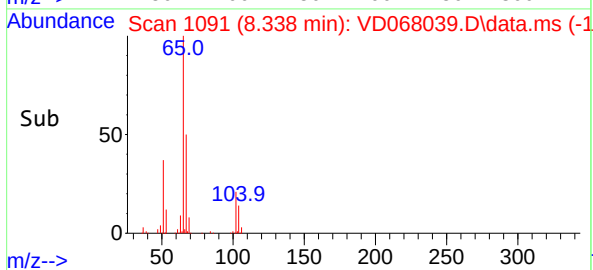
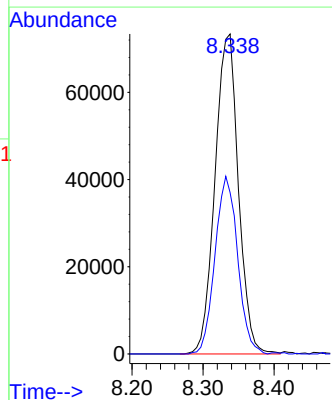
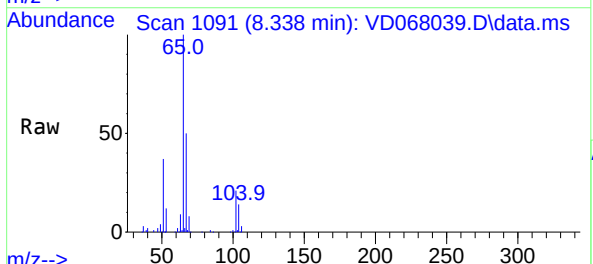
Instrument :
MSVOA_D
ClientSampleId :
CT-SP

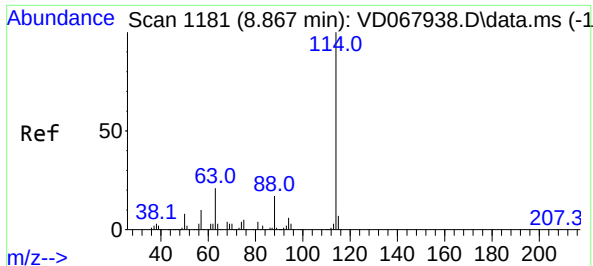
Tgt Ion:168 Resp: 248655
Ion Ratio Lower Upper
168 100
99 65.2 48.0 72.0



#33
1,2-Dichloroethane-d4
Concen: 62.53 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068039.D
Acq: 07 Jan 2021 17:29

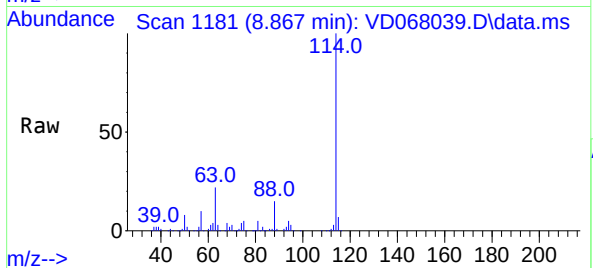
Tgt Ion: 65 Resp: 167910
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.0



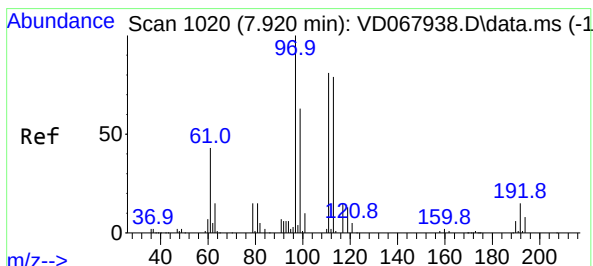
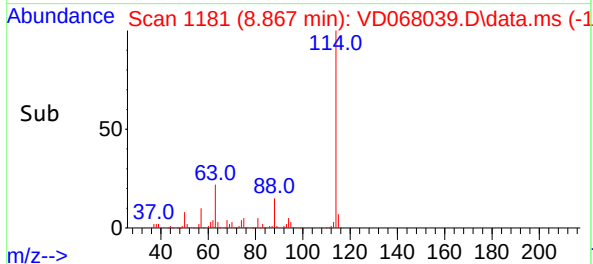
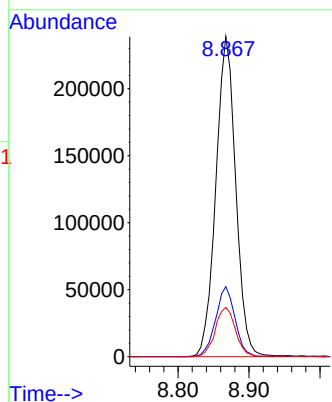


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068039.D
Acq: 07 Jan 2021 17:29

Instrument :
MSVOA_D
ClientSampled :
CT-SP

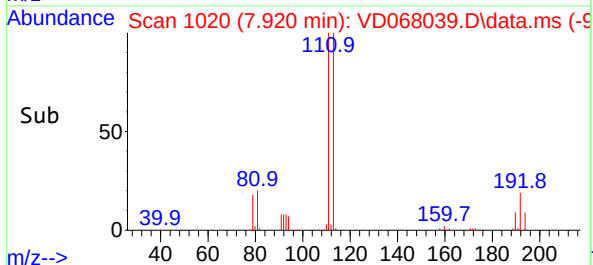
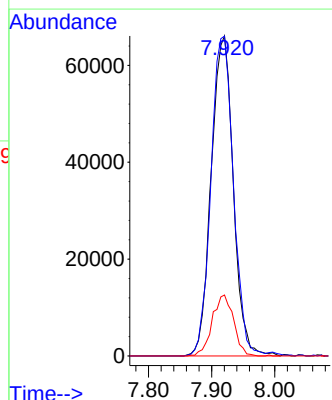
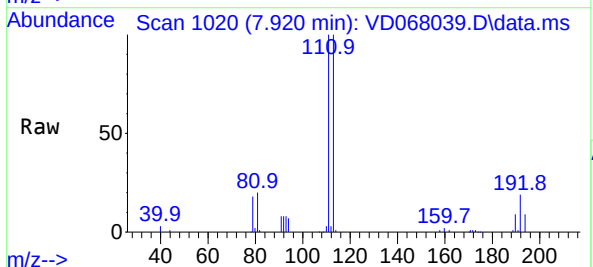


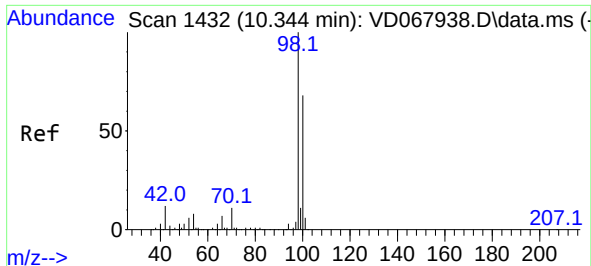
Tgt Ion:114 Resp: 462817
Ion Ratio Lower Upper
114 100
63 21.9 0.0 41.4
88 15.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 55.10 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068039.D
Acq: 07 Jan 2021 17:29

Tgt Ion:113 Resp: 160681
Ion Ratio Lower Upper
113 100
111 101.2 79.3 118.9
192 18.4 14.5 21.7

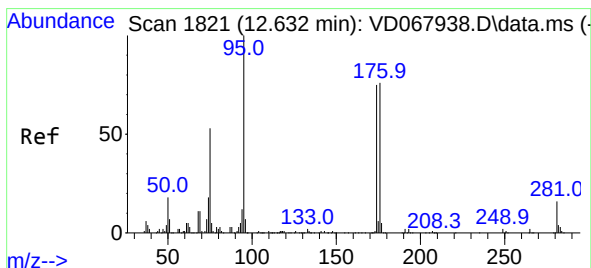
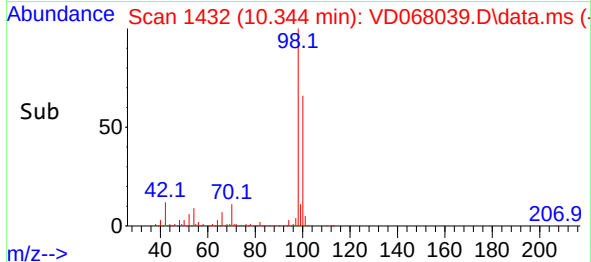
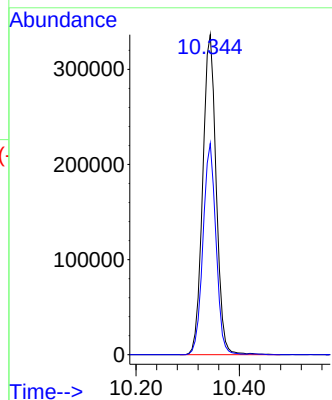
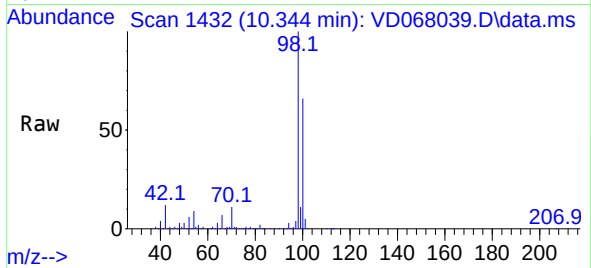




#50
Toluene-d8
Concen: 55.44 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068039.D
Acq: 07 Jan 2021 17:29

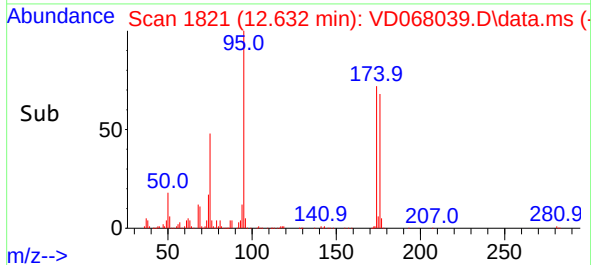
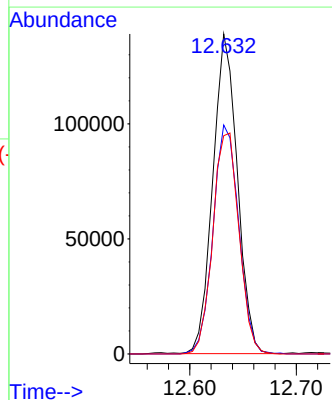
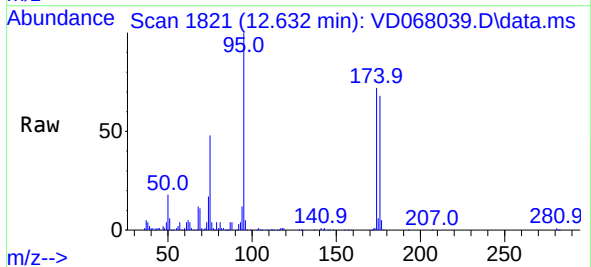
Instrument :
MSVOA_D
ClientSampleId :
CT-SP

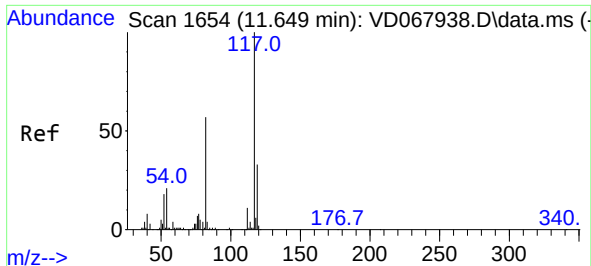
Tgt Ion: 98 Resp: 607658
Ion Ratio Lower Upper
98 100
100 63.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 59.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068039.D
Acq: 07 Jan 2021 17:29

Tgt Ion: 95 Resp: 222119
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.6
176 73.9 0.0 151.2

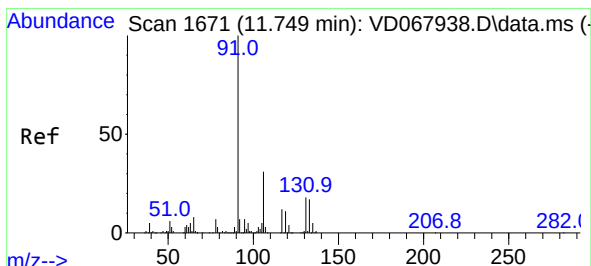
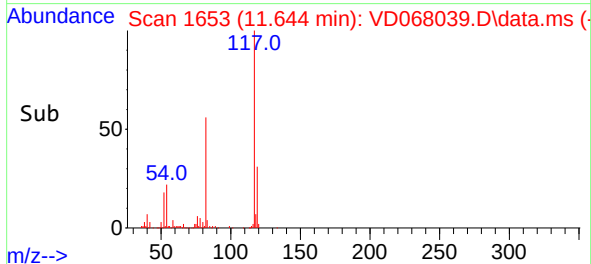
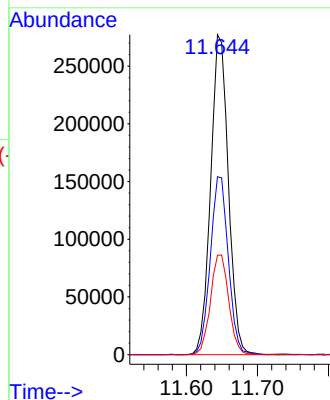
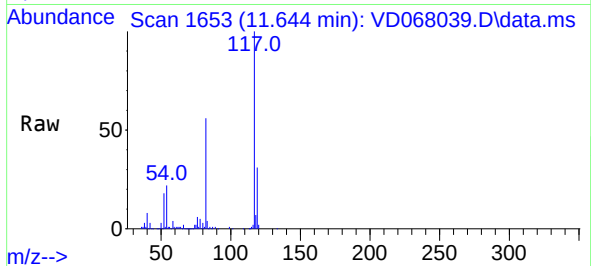




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068039.D
Acq: 07 Jan 2021 17:29

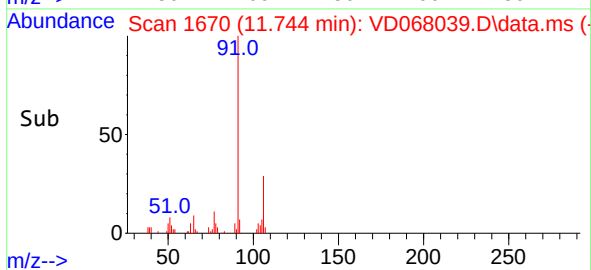
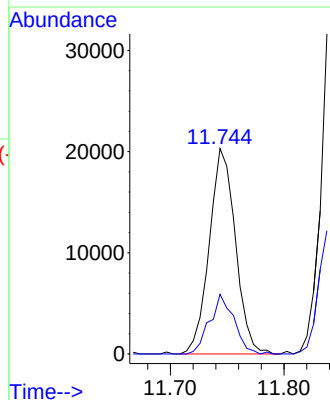
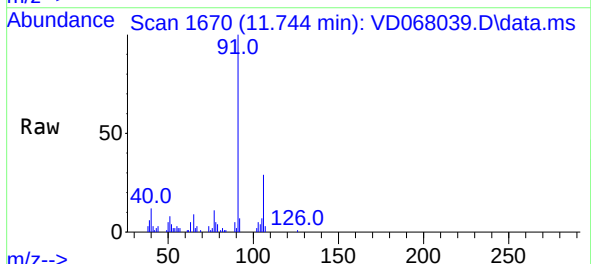
Instrument :
MSVOA_D
ClientSampleId :
CT-SP

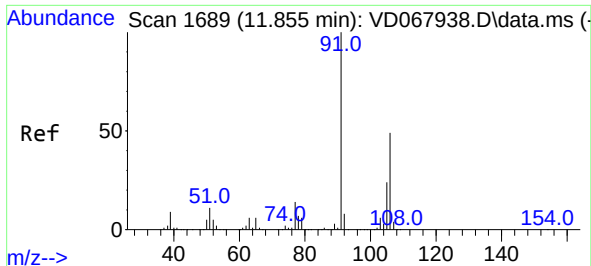
Tgt Ion:117 Resp: 480010
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 31.0 26.7 40.1



#67
Ethyl Benzene
Concen: 1.76 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD068039.D
Acq: 07 Jan 2021 17:29

Tgt Ion: 91 Resp: 32536
Ion Ratio Lower Upper
91 100
106 29.0 24.6 37.0

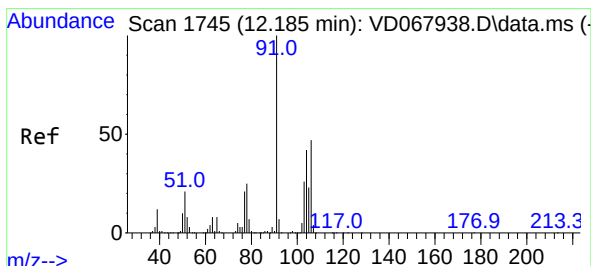
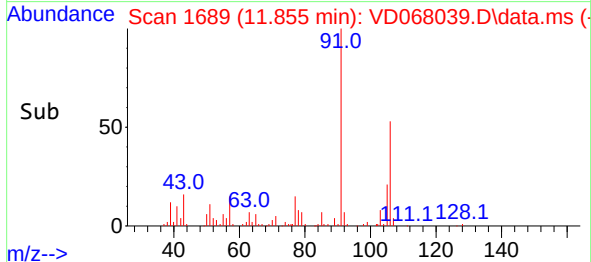
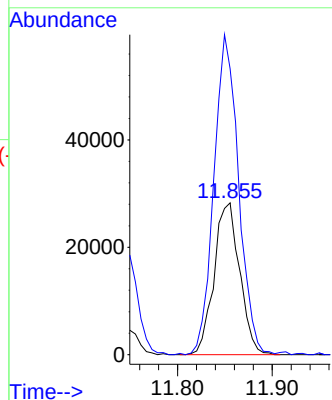
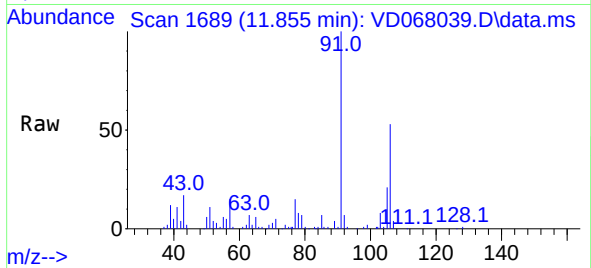




#68
m/p-Xylenes
Concen: 7.54 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068039.D
Acq: 07 Jan 2021 17:29

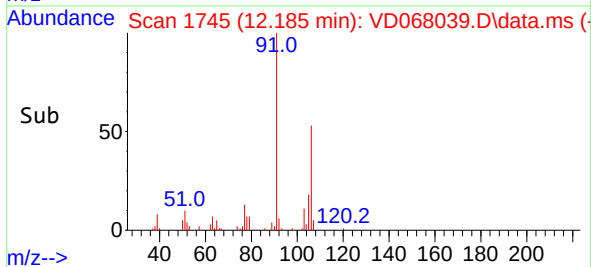
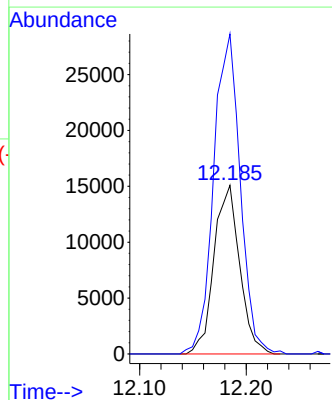
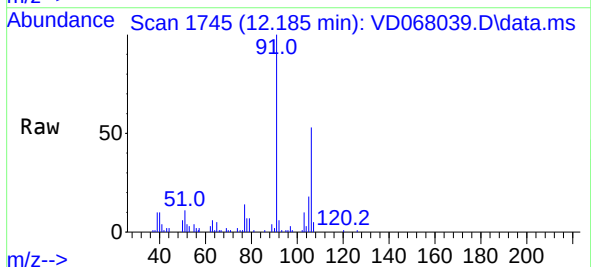
Instrument :
MSVOA_D
ClientSampled :
CT-SP

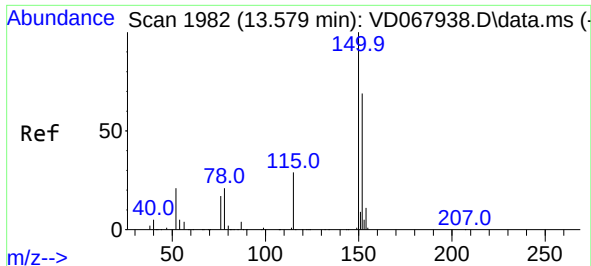
Tgt Ion:106 Resp: 53088
Ion Ratio Lower Upper
106 100
91 203.2 159.9 239.9



#69
o-Xylene
Concen: 4.02 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD068039.D
Acq: 07 Jan 2021 17:29

Tgt Ion:106 Resp: 25307
Ion Ratio Lower Upper
106 100
91 196.2 106.0 317.9

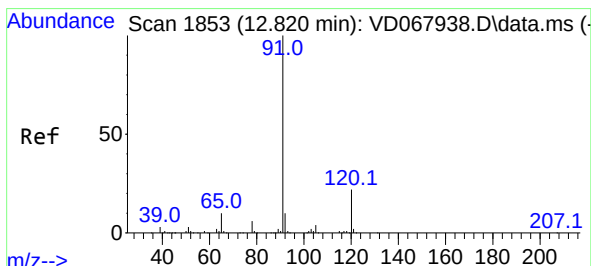
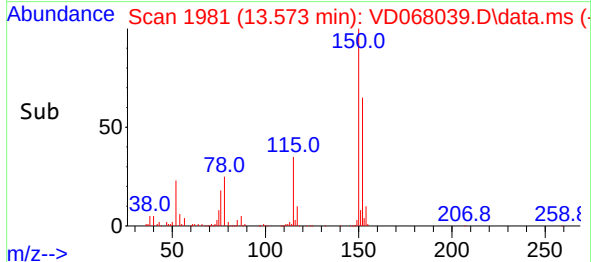
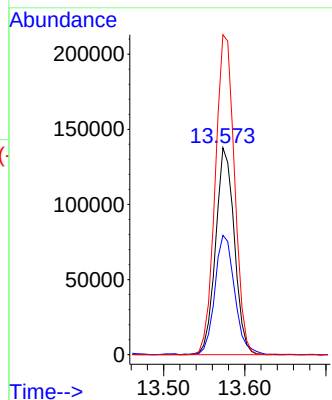
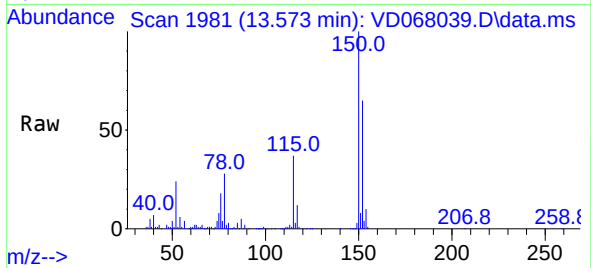




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD068039.D
Acq: 07 Jan 2021 17:29

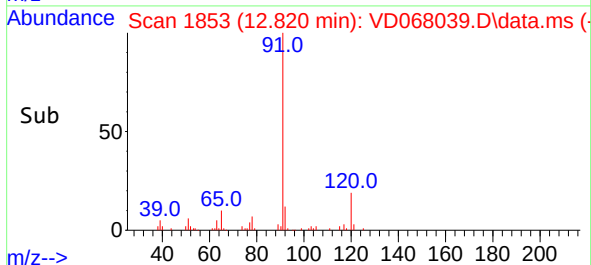
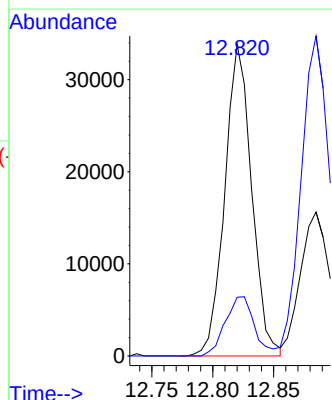
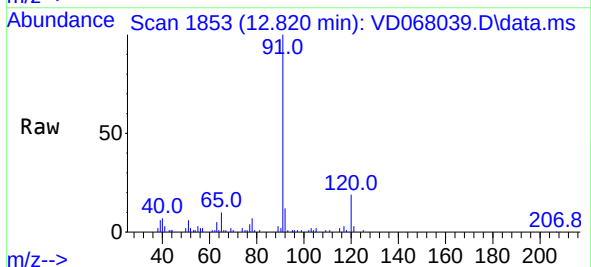
Instrument :
MSVOA_D
ClientSampled :
CT-SP

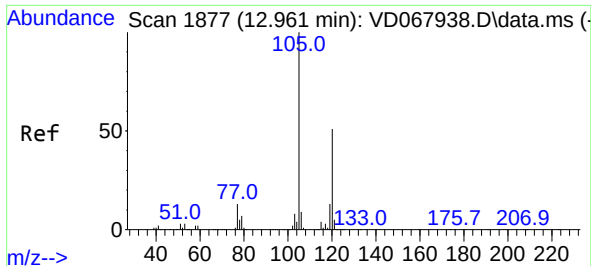
Tgt Ion:152 Resp: 220781
Ion Ratio Lower Upper
152 100
115 61.3 29.3 88.0
150 159.2 0.0 340.0



#78
n-propylbenzene
Concen: 2.55 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068039.D
Acq: 07 Jan 2021 17:29

Tgt Ion: 91 Resp: 52030
Ion Ratio Lower Upper
91 100
120 20.5 11.2 33.5

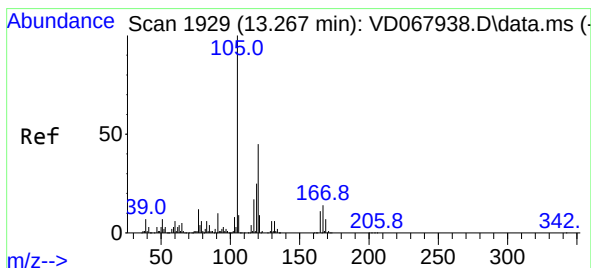
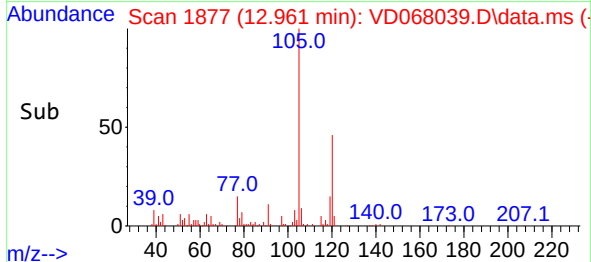
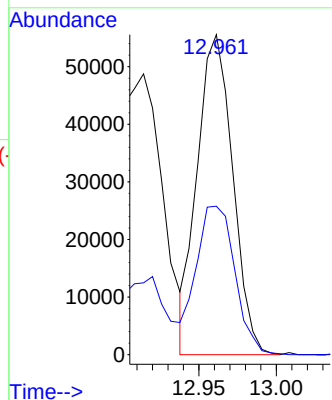
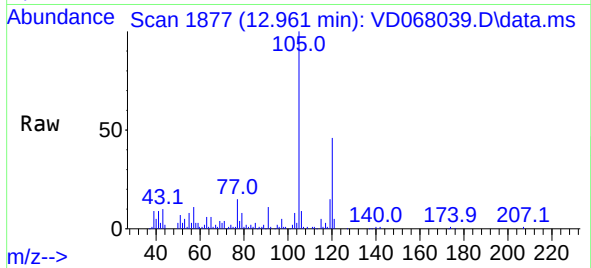




#80
1,3,5-Trimethylbenzene
Concen: 6.49 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068039.D
Acq: 07 Jan 2021 17:29

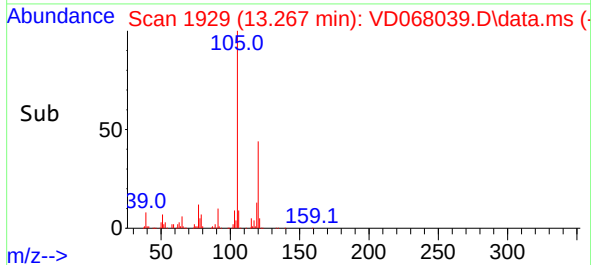
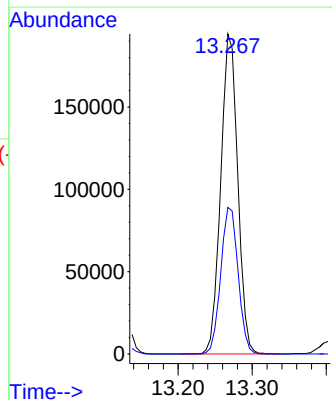
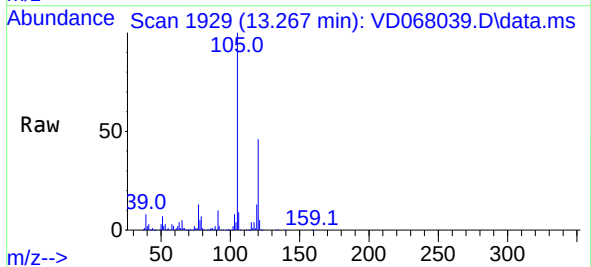
Instrument :
MSVOA_D
ClientSampled :
CT-SP

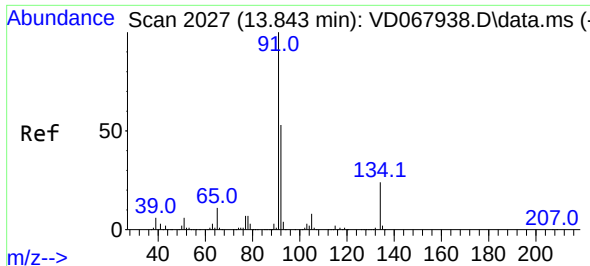
Tgt Ion:105 Resp: 88383
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.6



#84
1,2,4-Trimethylbenzene
Concen: 22.66 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068039.D
Acq: 07 Jan 2021 17:29

Tgt Ion:105 Resp: 309247
Ion Ratio Lower Upper
105 100
120 46.8 22.7 68.0



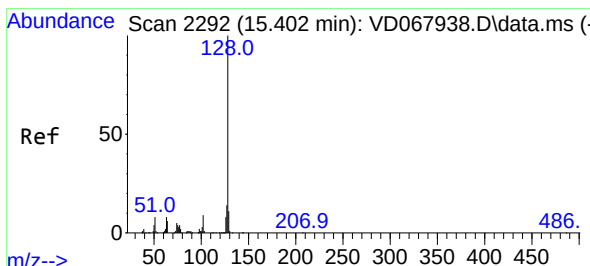
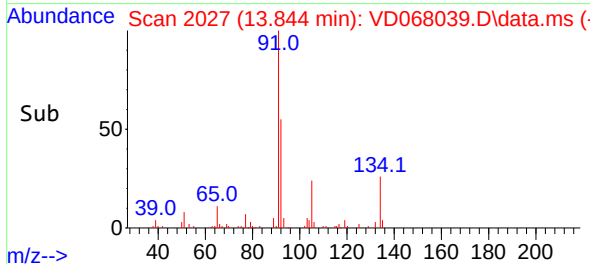
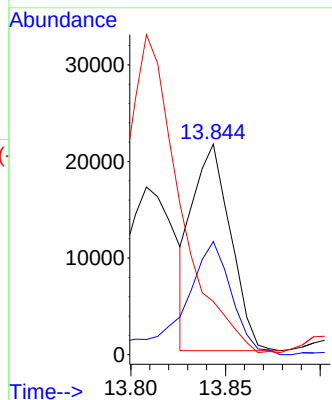
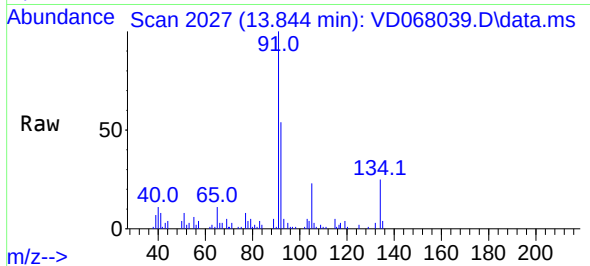


#89
n-Butylbenzene
Concen: 2.08 ug/l
RT: 13.844 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD068039.D
Acq: 07 Jan 2021 17:29

Instrument :
MSVOA_D
ClientSampled :
CT-SP

Tgt Ion: 91 Resp: 29781

Ion	Ratio	Lower	Upper
91	100		
92	63.9	26.8	80.3
134	0.0	12.3	36.9#



#95
Naphthalene
Concen: 18.23 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD068039.D
Acq: 07 Jan 2021 17:29

Tgt Ion: 128 Resp: 120037

Ion	Ratio	Lower	Upper
128	100		
127	14.3	11.2	16.8
129	11.7	8.6	12.8

