

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021021\
 Data File : VD068346.D
 Acq On : 10 Feb 2021 15:01
 Operator : VA/SY
 Sample : M1363-01
 Misc : 3.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VCP-SS-7-SOIL

Quant Time: Feb 11 00:13:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

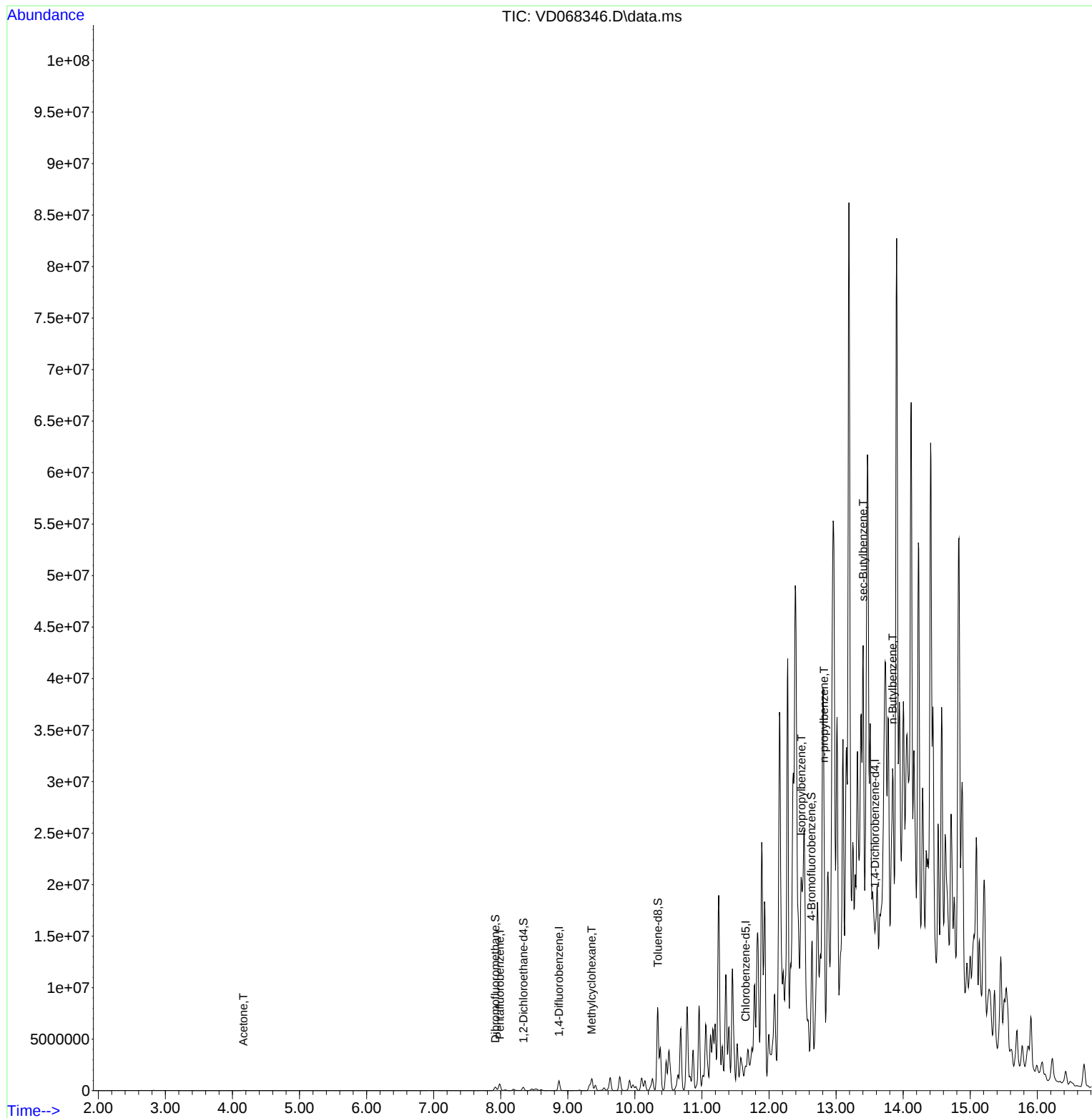
Internal Standards						
1) Pentafluorobenzene	7.985	168	455761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	835084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	726901	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	541914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	257121	58.97	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.94%	
35) Dibromofluoromethane	7.920	113	254513	55.13	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.26%	
50) Toluene-d8	10.344	98	1415236	76.63	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 153.26%#	
62) 4-Bromofluorobenzene	12.632	95	955347	143.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 287.30%#	
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	33326	42.81	ug/l	95
39) Methylcyclohexane	9.355	83	443081	40.24	ug/l	90
73) Isopropylbenzene	12.485	105	4074164	90.35	ug/l	100
78) n-propylbenzene	12.820	91	9075496	170.12	ug/l	98
85) sec-Butylbenzene	13.402	105	10947763	245.94	ug/l	89
89) n-Butylbenzene	13.844	91	7046488	181.36	ug/l	88

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

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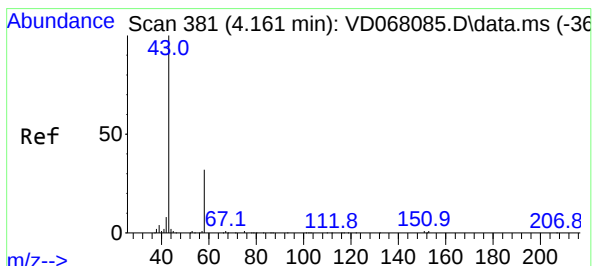
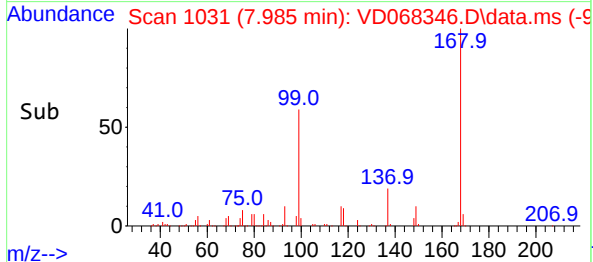
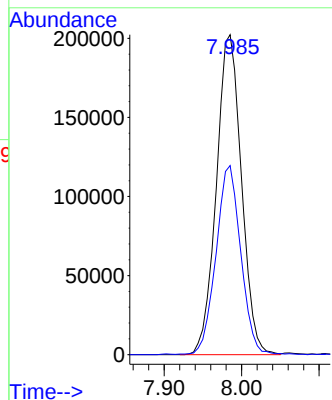
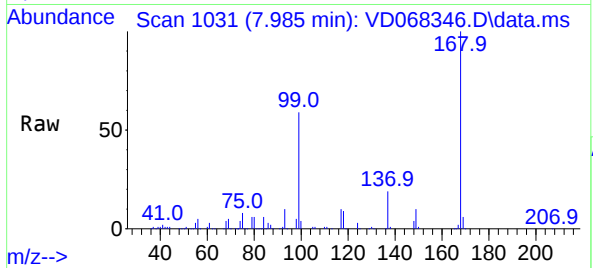




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068346.D
Acq: 10 Feb 2021 15:01

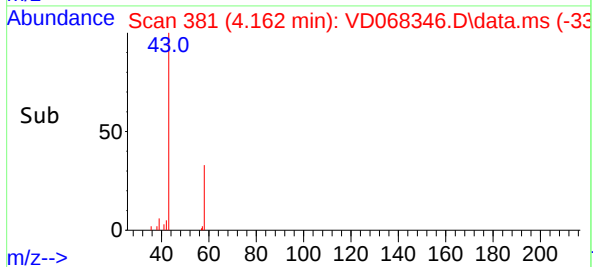
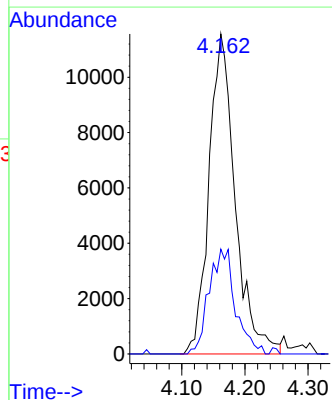
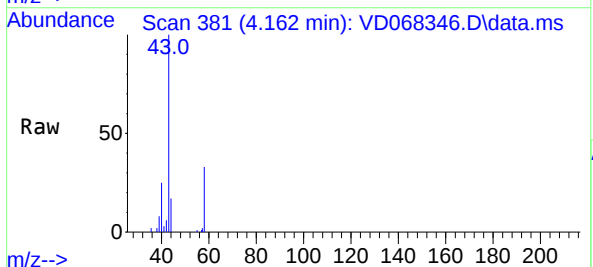
Instrument :
MSVOA_D
ClientSampleId :
VCP-SS-7-SOIL

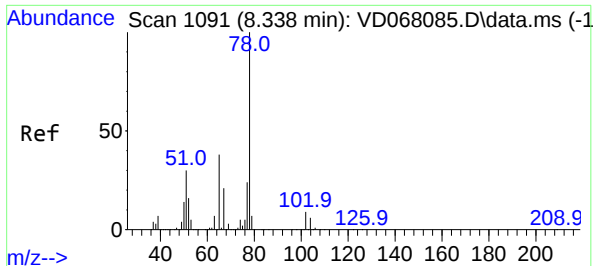
Tgt Ion:168 Resp: 455761
Ion Ratio Lower Upper
168 100
99 58.9 43.5 65.3



#16
Acetone
Concen: 42.81 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068346.D
Acq: 10 Feb 2021 15:01

Tgt Ion: 43 Resp: 33326
Ion Ratio Lower Upper
43 100
58 32.8 24.2 36.4

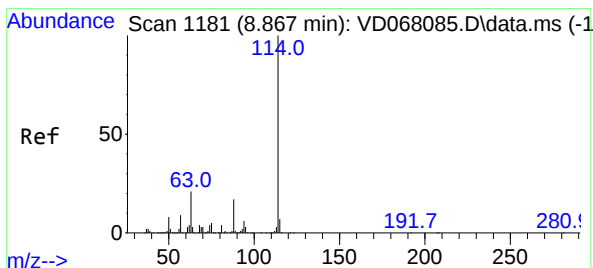
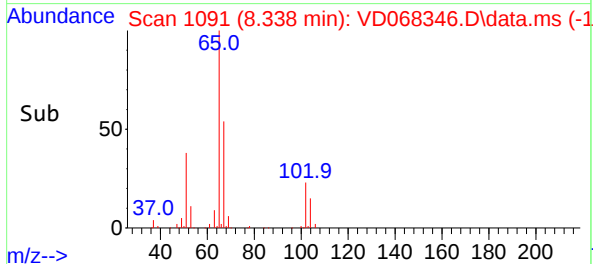
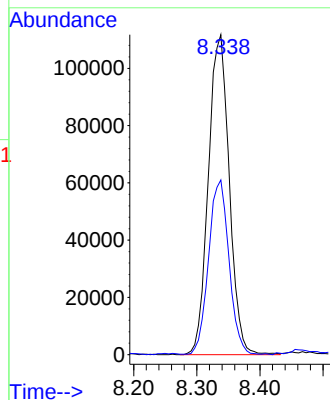
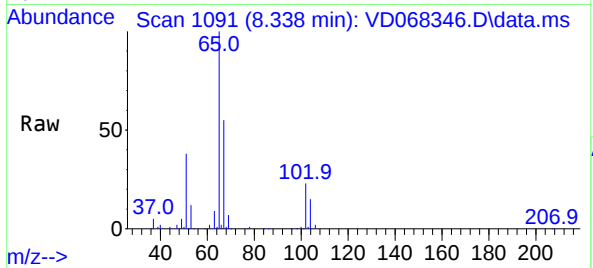




#33
1,2-Dichloroethane-d4
Concen: 58.97 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068346.D
Acq: 10 Feb 2021 15:01

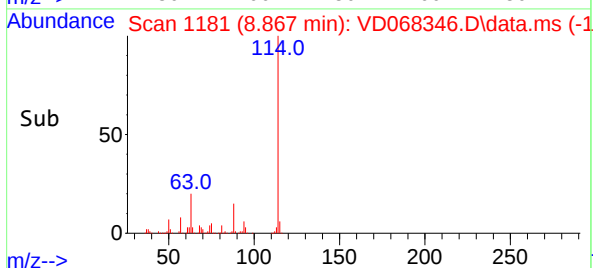
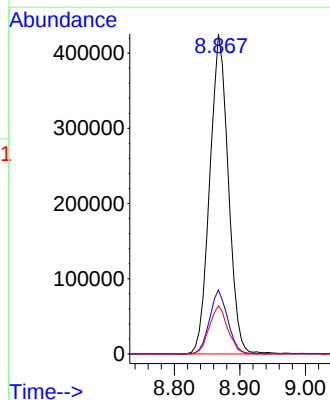
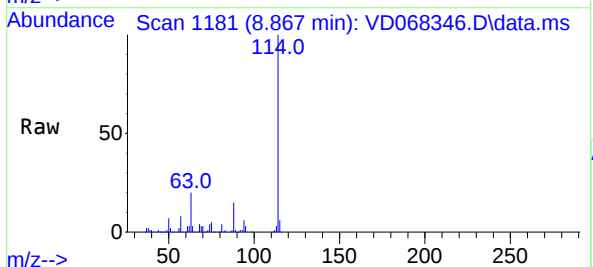
Instrument :
MSVOA_D
ClientSampleId :
VCP-SS-7-SOIL

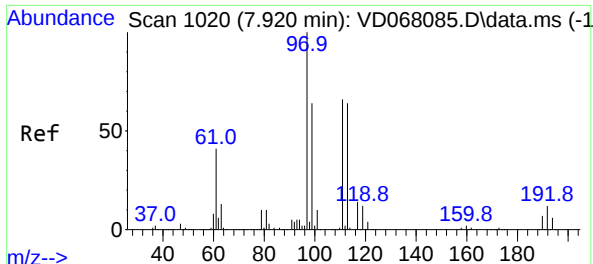
Tgt Ion: 65 Resp: 257121
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068346.D
Acq: 10 Feb 2021 15:01

Tgt Ion: 114 Resp: 835084
Ion Ratio Lower Upper
114 100
63 20.0 0.0 34.8
88 15.1 0.0 31.6

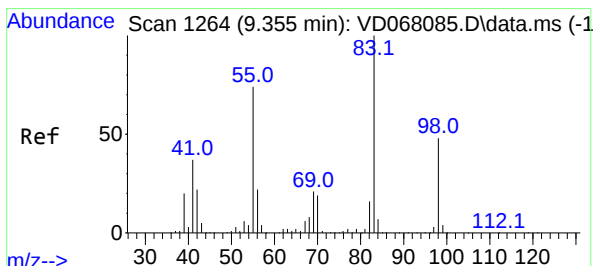
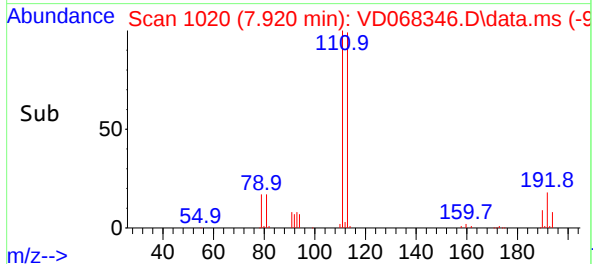
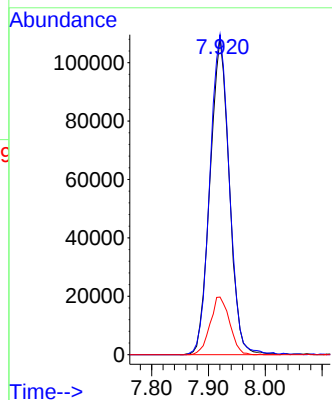
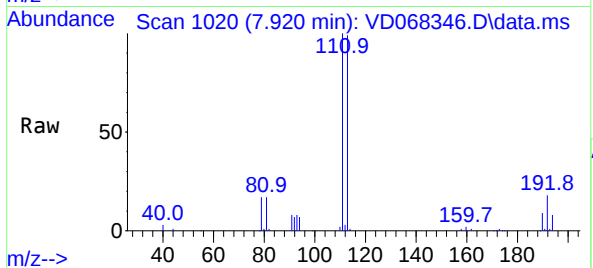




#35
Dibromofluoromethane
Concen: 55.13 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068346.D
Acq: 10 Feb 2021 15:01

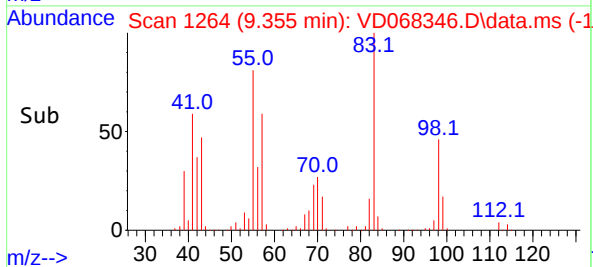
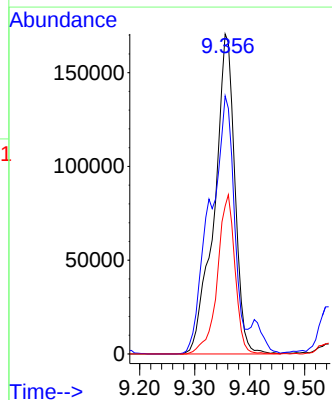
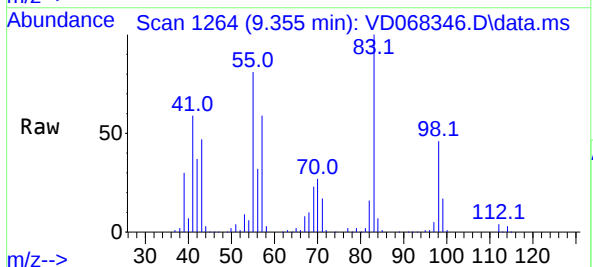
Instrument :
MSVOA_D
ClientSampleId :
VCP-SS-7-SOIL

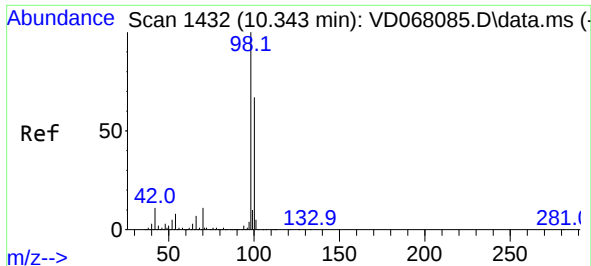
Tgt Ion:113 Resp: 254513
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 18.4 16.1 24.1



#39
Methylcyclohexane
Concen: 40.24 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD068346.D
Acq: 10 Feb 2021 15:01

Tgt Ion: 83 Resp: 443081
Ion Ratio Lower Upper
83 100
55 80.5 55.2 82.8
98 46.2 39.1 58.7

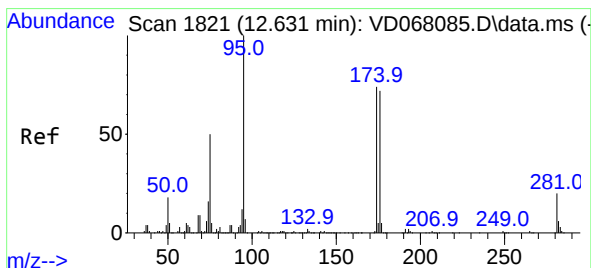
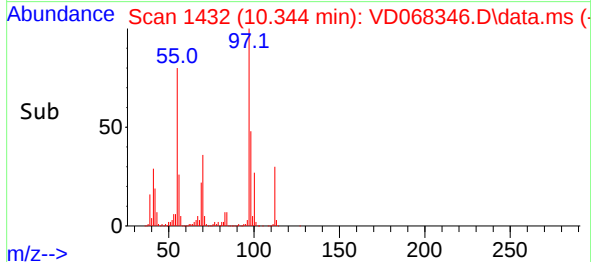
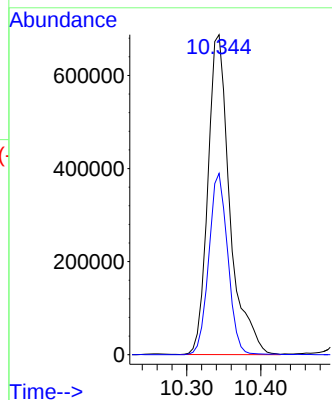
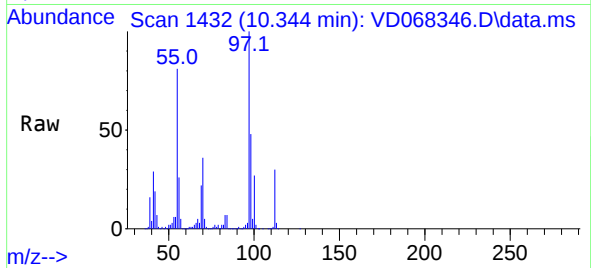




#50
Toluene-d8
Concen: 76.63 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068346.D
Acq: 10 Feb 2021 15:01

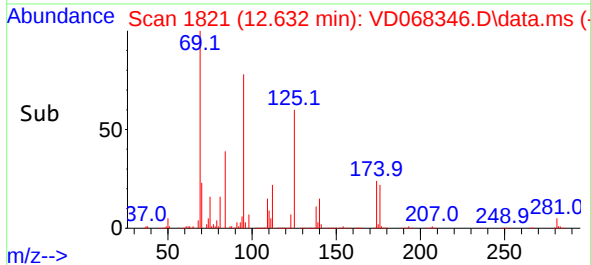
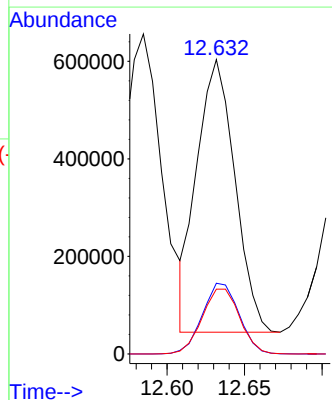
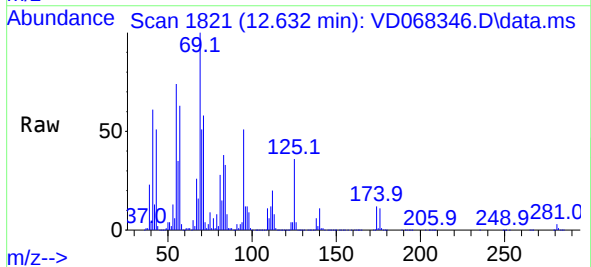
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ClientSampleId :
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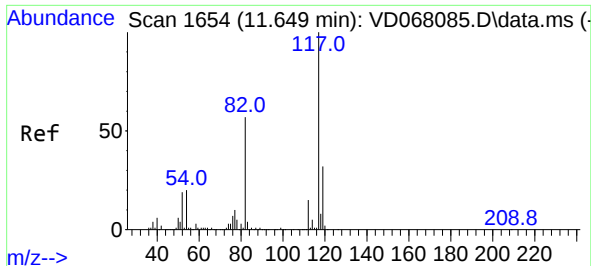
Tgt Ion: 98 Resp: 1415236
Ion Ratio Lower Upper
98 100
100 48.9 53.0 79.4#



#62
4-Bromofluorobenzene
Concen: 143.65 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068346.D
Acq: 10 Feb 2021 15:01

Tgt Ion: 95 Resp: 955347
Ion Ratio Lower Upper
95 100
174 24.9 0.0 172.4
176 23.6 0.0 168.4

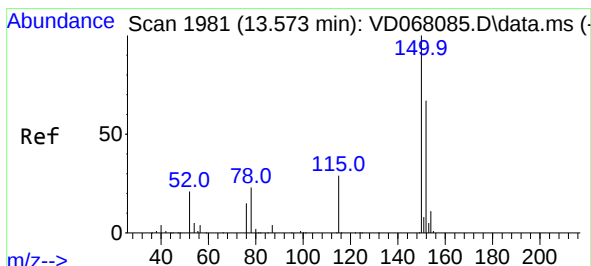
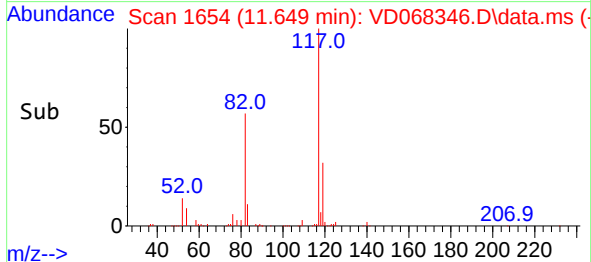
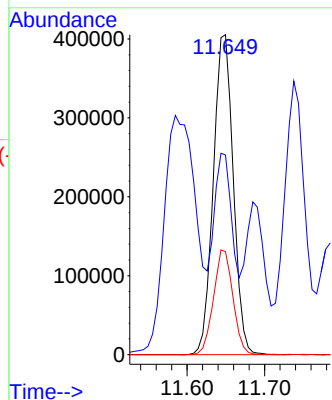
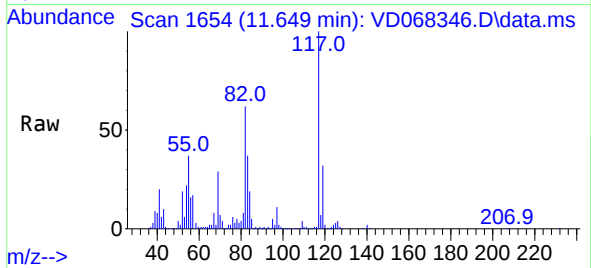




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068346.D
Acq: 10 Feb 2021 15:01

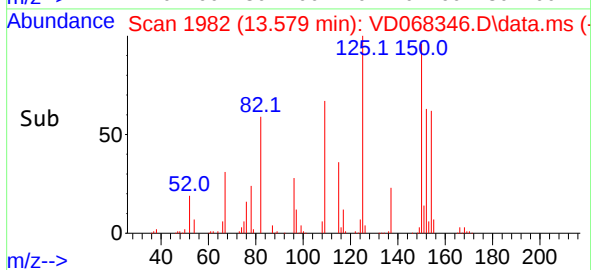
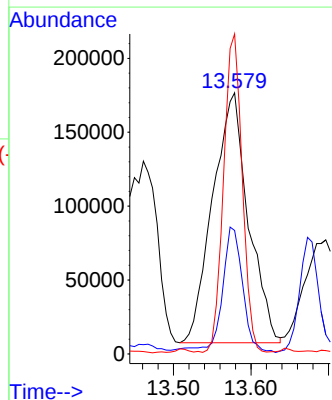
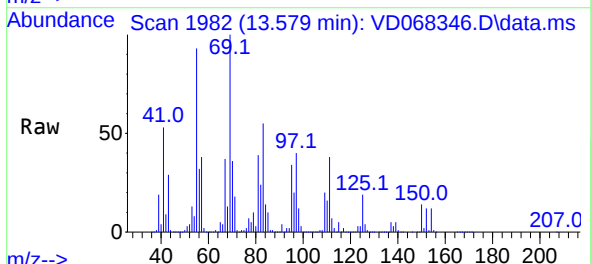
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MSVOA_D
ClientSampled :
VCP-SS-7-SOIL

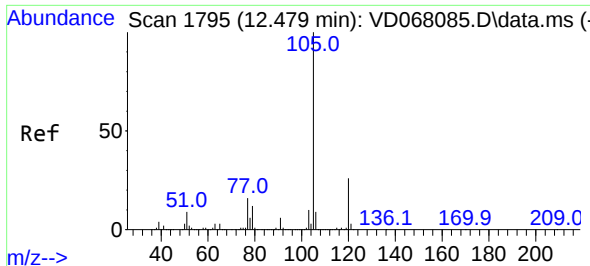
Tgt Ion:117 Resp: 726901
Ion Ratio Lower Upper
117 100
82 33.0 41.4 62.0#
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068346.D
Acq: 10 Feb 2021 15:01

Tgt Ion:152 Resp: 541914
Ion Ratio Lower Upper
152 100
115 29.1 28.9 86.8
150 66.2 0.0 344.4

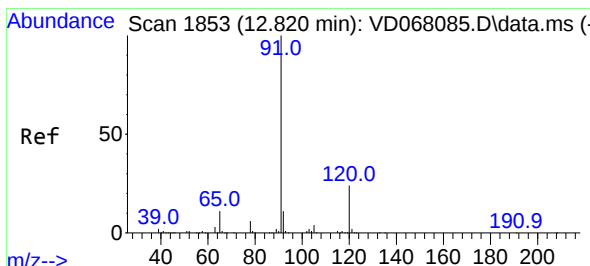
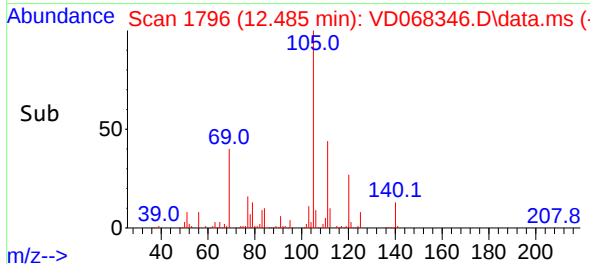
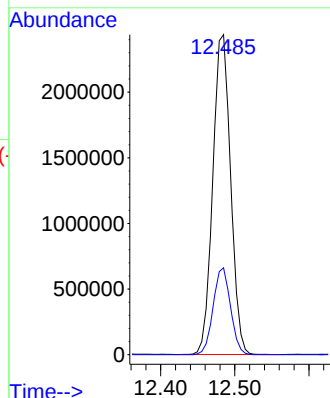
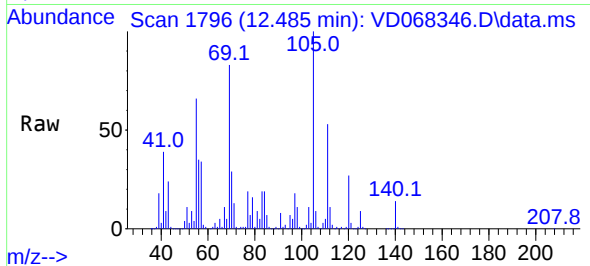




#73
Isopropylbenzene
Concen: 90.35 ug/l
RT: 12.485 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VD068346.D
Acq: 10 Feb 2021 15:01

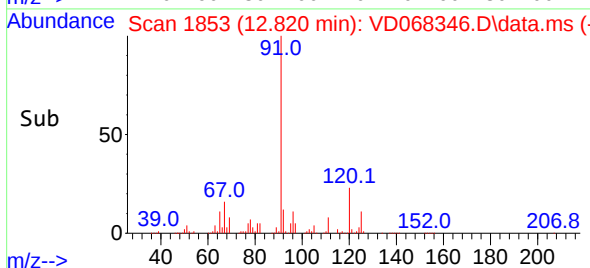
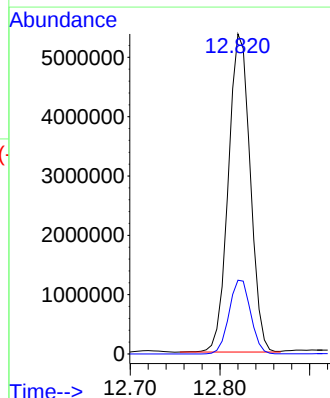
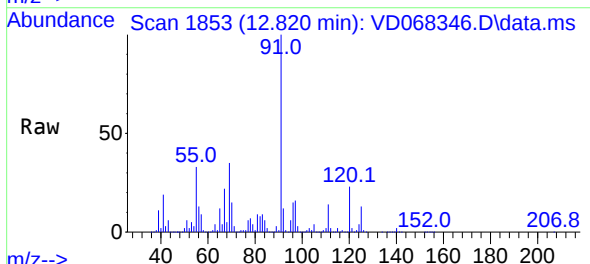
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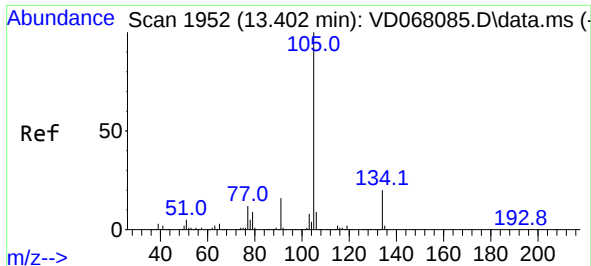
Tgt Ion:105 Resp: 4074164
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#78
n-propylbenzene
Concen: 170.12 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068346.D
Acq: 10 Feb 2021 15:01

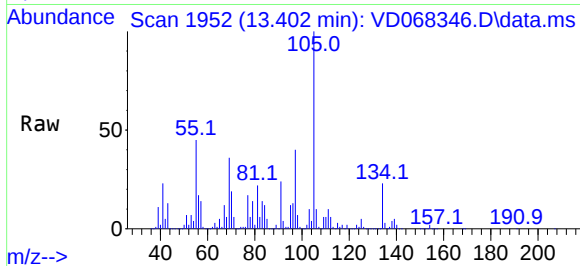
Tgt Ion: 91 Resp: 9075496
Ion Ratio Lower Upper
91 100
120 22.8 12.0 36.0



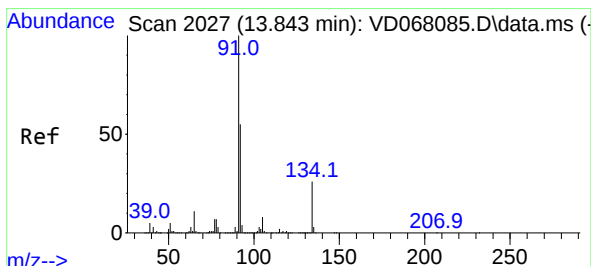
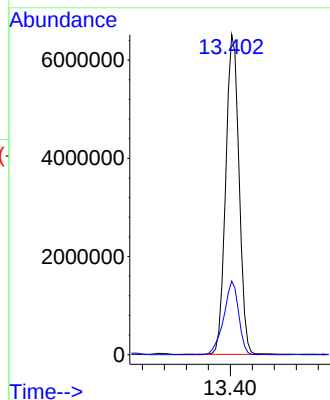
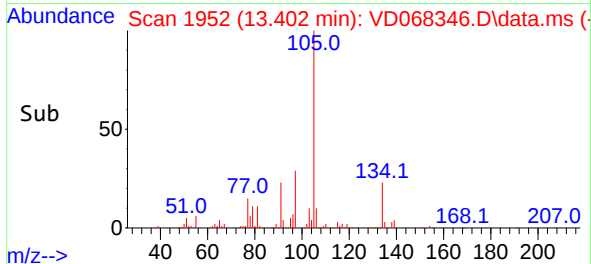


#85
sec-Butylbenzene
Concen: 245.94 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VD068346.D
Acq: 10 Feb 2021 15:01

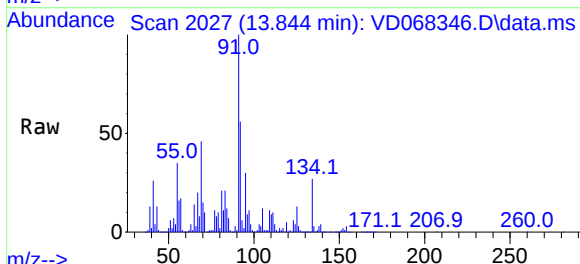
Instrument :
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Tgt Ion:105 Resp:10947763
Ion Ratio Lower Upper
105 100
134 25.8 10.3 30.9



#89
n-Butylbenzene
Concen: 181.36 ug/l
RT: 13.844 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD068346.D
Acq: 10 Feb 2021 15:01



Tgt Ion: 91 Resp: 7046488
Ion Ratio Lower Upper
91 100
92 50.3 27.2 81.6
134 40.7 13.9 41.7

