

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022221\
 Data File : VD068414.D
 Acq On : 22 Feb 2021 12:29
 Operator : VA/SY
 Sample : M1442-01
 Misc : 10.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VCP-SB-6-SOIL

Quant Time: Feb 22 15:18:09 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)

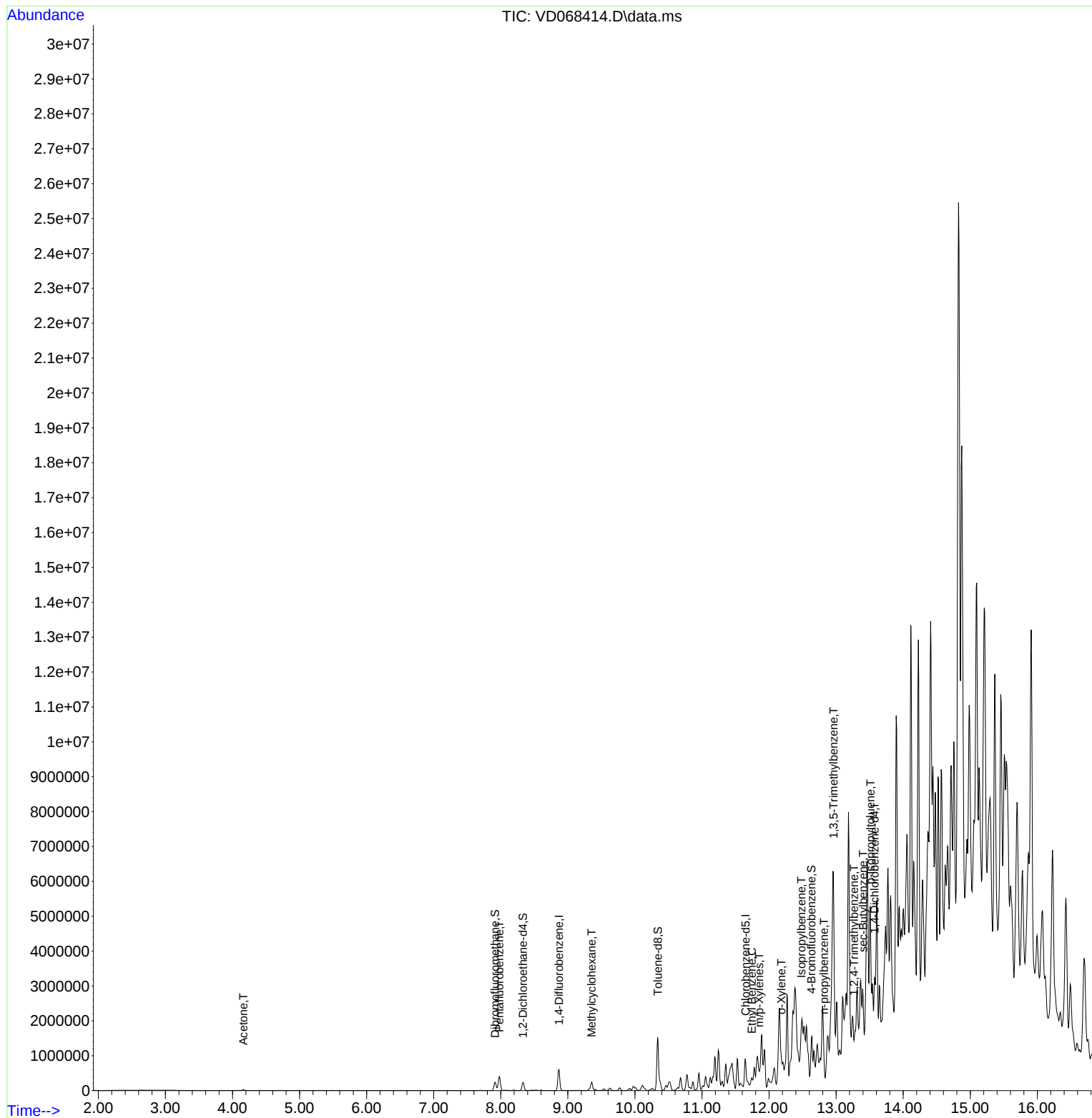
Internal Standards						
1) Pentafluorobenzene	7.979	168	295196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	553341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	496945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	218120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	183640	60.85	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.70%			
35) Dibromofluoromethane	7.914	113	176337	53.69	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.38%			
50) Toluene-d8	10.343	98	716495	52.63	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.26%			
62) 4-Bromofluorobenzene	12.631	95	249477	56.26	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.52%			
Target Compounds					Qvalue	
16) Acetone	4.161	43	37234	79.97	ug/l	99
39) Methylcyclohexane	9.355	83	102683	17.10	ug/l	96
67) Ethyl Benzene	11.743	91	32663	1.91	ug/l	93
68) m/p-Xylenes	11.855	106	16097	2.49	ug/l #	66
69) o-Xylene	12.184	106	37211	6.26	ug/l	89
73) Isopropylbenzene	12.484	105	153738	9.65	ug/l	89
78) n-propylbenzene	12.820	91	119404	6.26	ug/l	94
80) 1,3,5-Trimethylbenzene	12.961	105	924191	70.99	ug/l	96
84) 1,2,4-Trimethylbenzene	13.267	105	60680	4.68	ug/l	96
85) sec-Butylbenzene	13.402	105	479720	30.37	ug/l	93
86) p-Isopropyltoluene	13.514	119	408592	28.81	ug/l	99

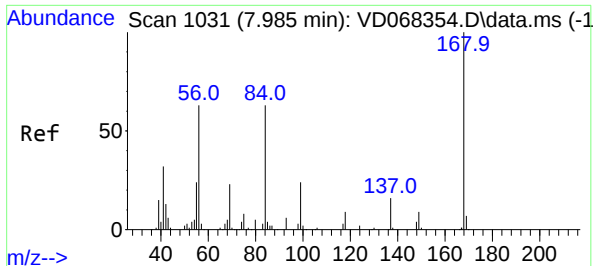
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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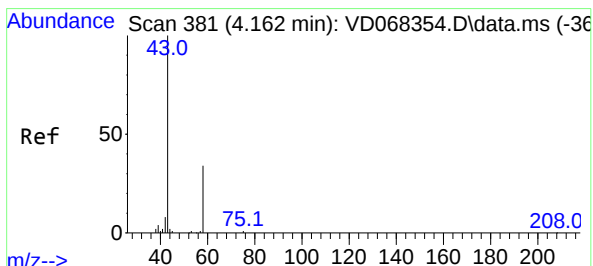
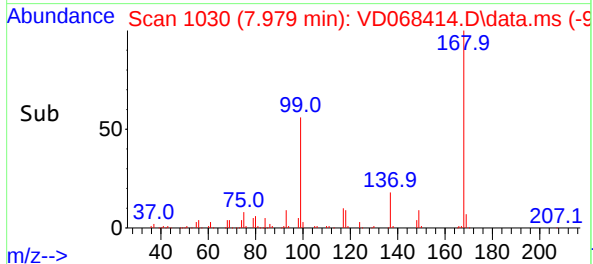
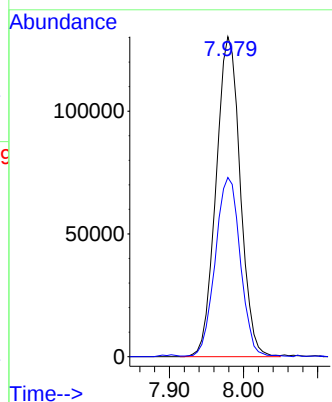
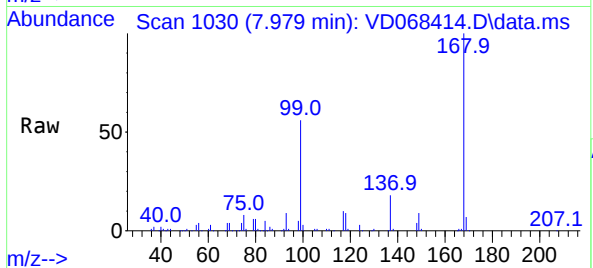




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

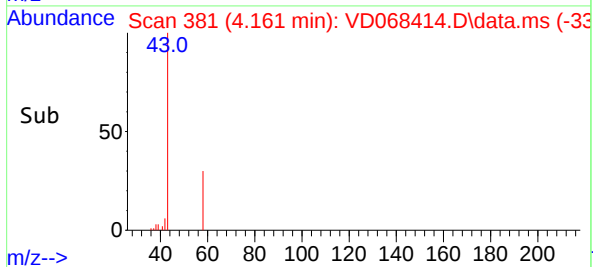
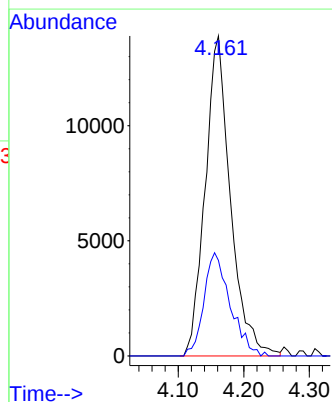
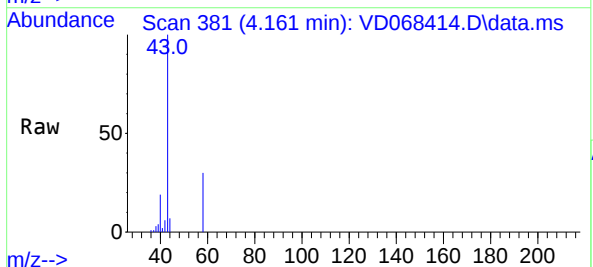
Instrument :
MSVOA_D
ClientSampleId :
VCP-SB-6-SOIL

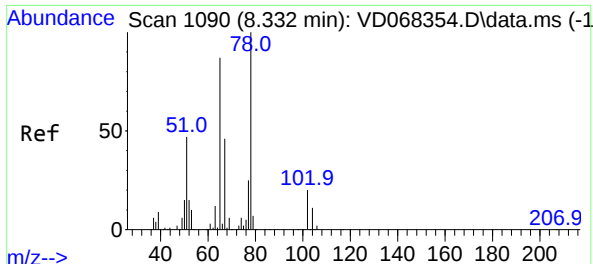
Tgt Ion:168 Resp: 295196
Ion Ratio Lower Upper
168 100
99 55.8 43.5 65.3



#16
Acetone
Concen: 79.97 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

Tgt Ion: 43 Resp: 37234
Ion Ratio Lower Upper
43 100
58 29.9 24.2 36.4

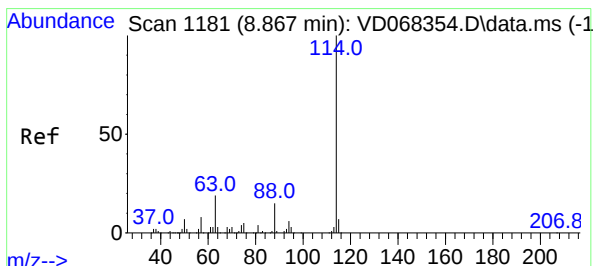
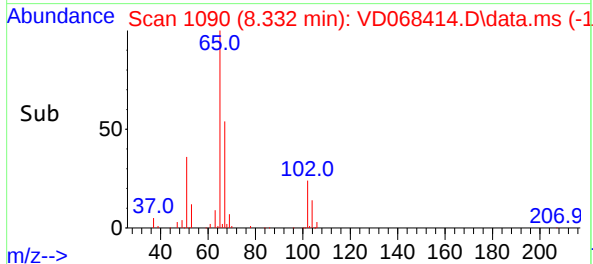
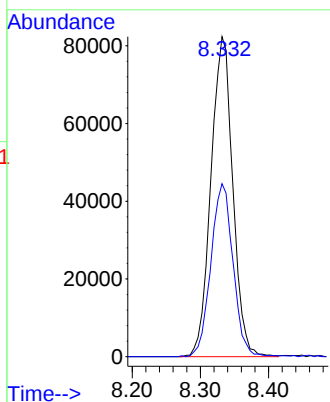
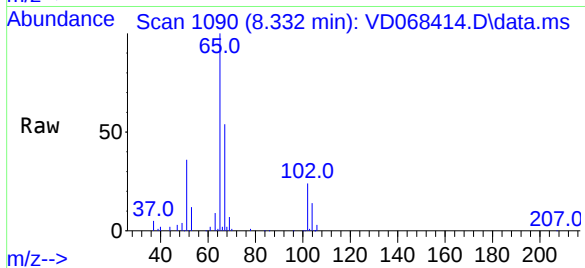




#33
1,2-Dichloroethane-d4
Concen: 60.85 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

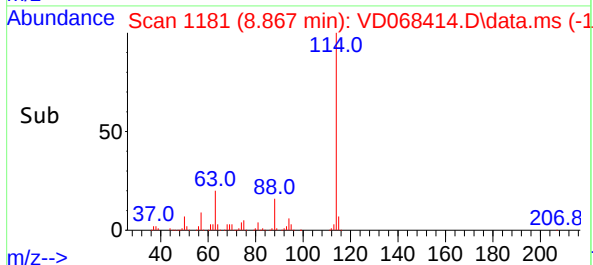
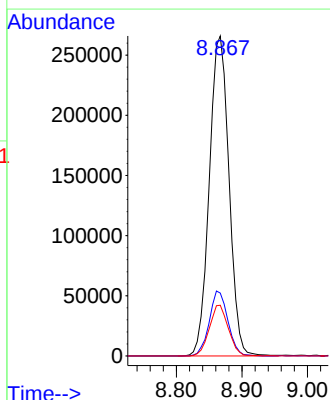
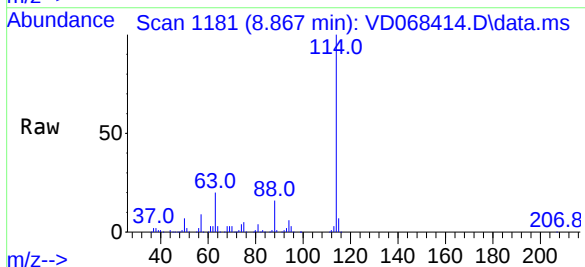
Instrument :
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ClientSampleId :
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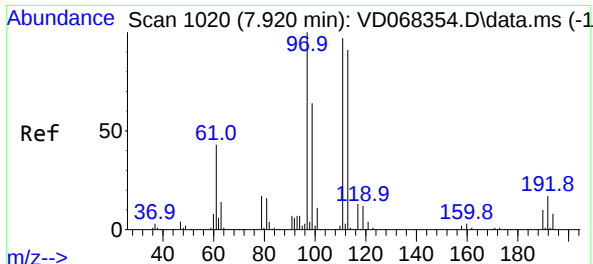
Tgt Ion: 65 Resp: 183640
Ion Ratio Lower Upper
65 100
67 55.0 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

Tgt Ion: 114 Resp: 553341
Ion Ratio Lower Upper
114 100
63 19.7 0.0 34.8
88 15.8 0.0 31.6

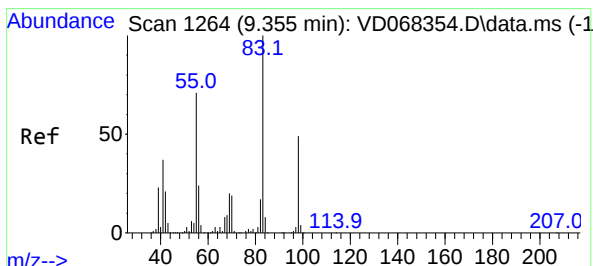
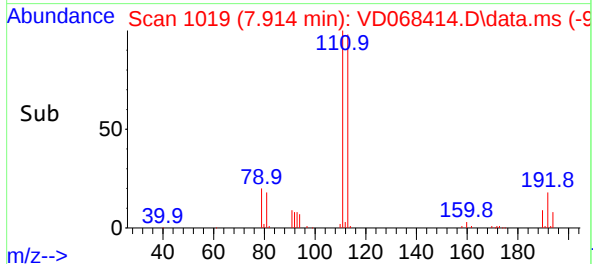
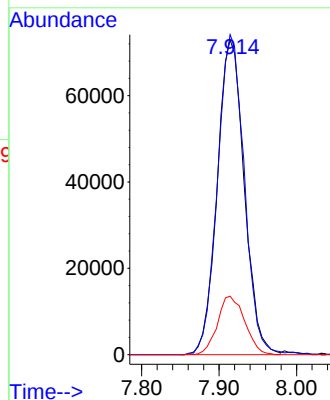
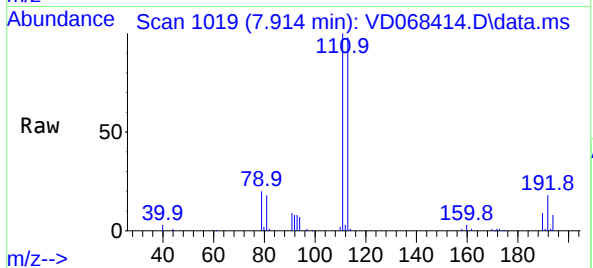




#35
Dibromofluoromethane
Concen: 53.69 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

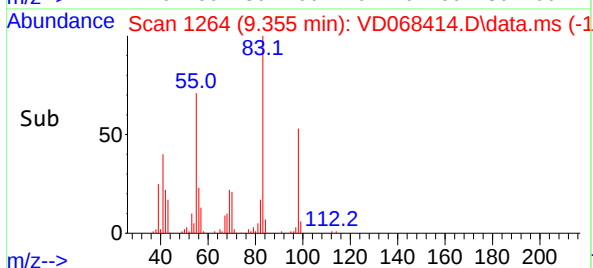
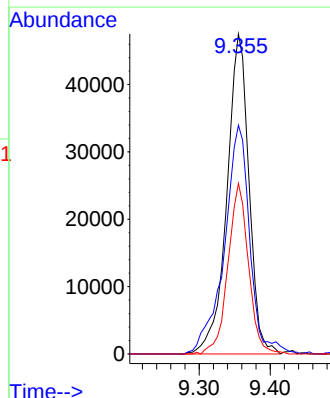
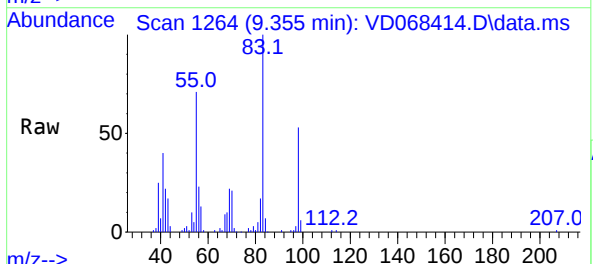
Instrument :
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ClientSampleId :
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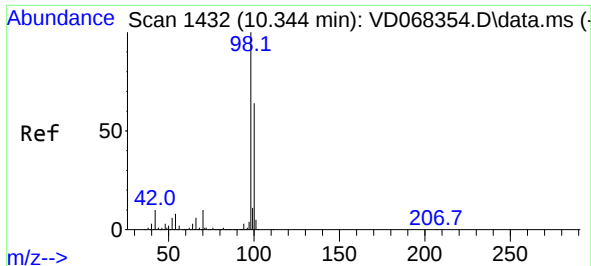
Tgt Ion:113 Resp: 176337
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.0
192 18.8 16.1 24.1



#39
Methylcyclohexane
Concen: 17.10 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

Tgt Ion: 83 Resp: 102683
Ion Ratio Lower Upper
83 100
55 71.5 55.2 82.8
98 53.3 39.1 58.7

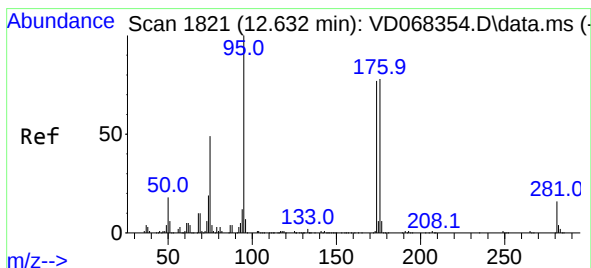
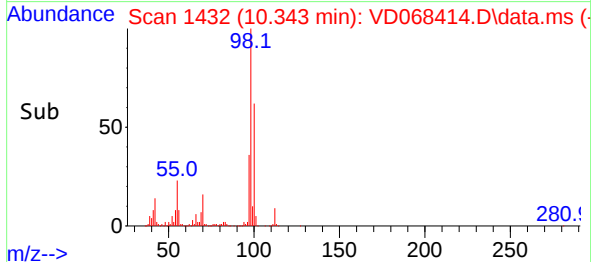
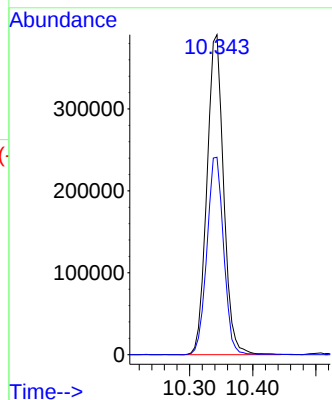
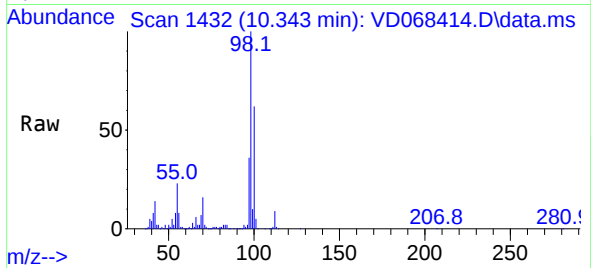




#50
Toluene-d8
Concen: 52.63 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

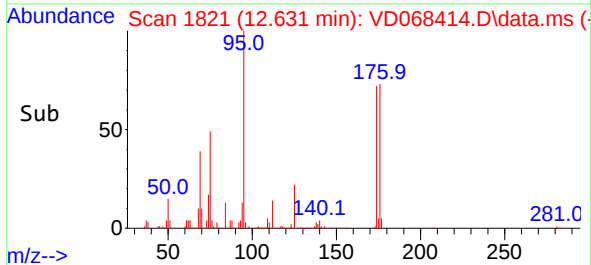
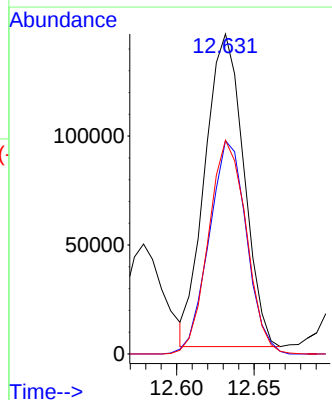
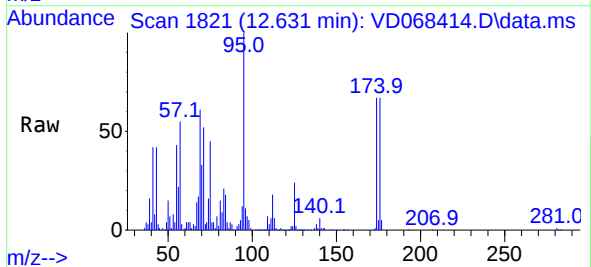
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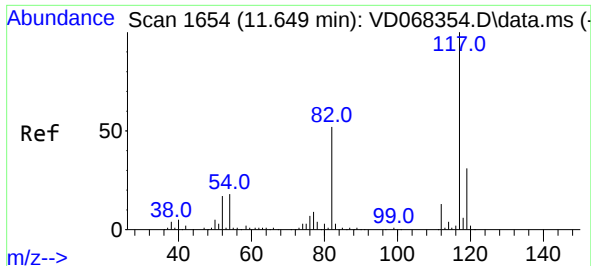
Tgt Ion: 98 Resp: 716495
Ion Ratio Lower Upper
98 100
100 61.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.26 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

Tgt Ion: 95 Resp: 249477
Ion Ratio Lower Upper
95 100
174 66.0 0.0 172.4
176 66.5 0.0 168.4

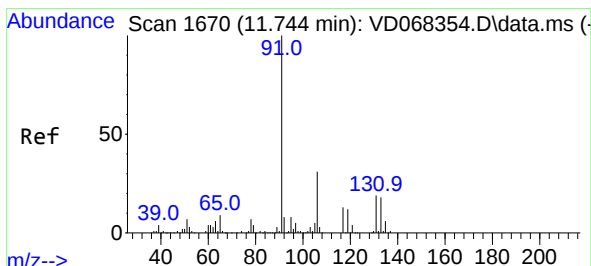
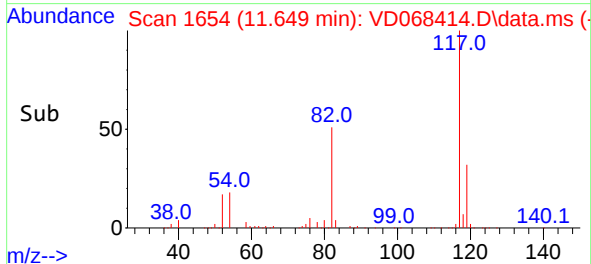
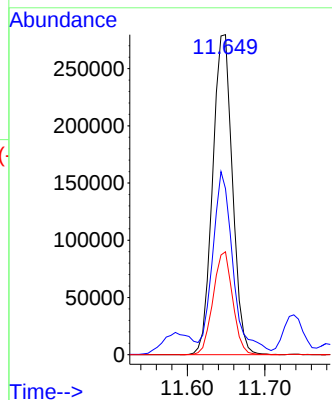
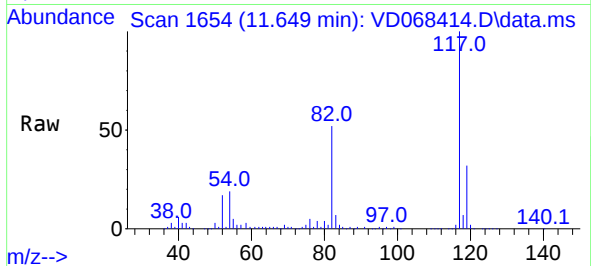




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

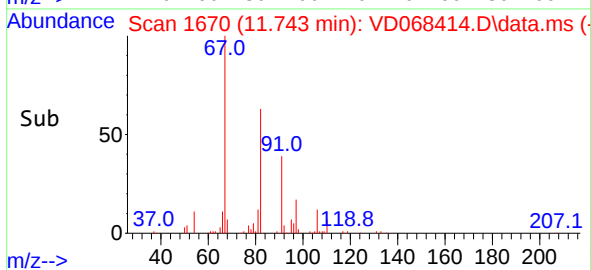
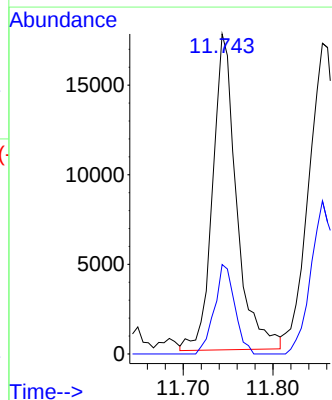
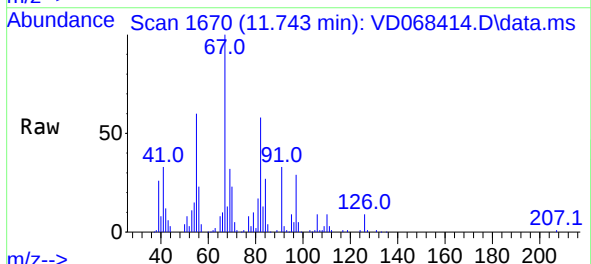
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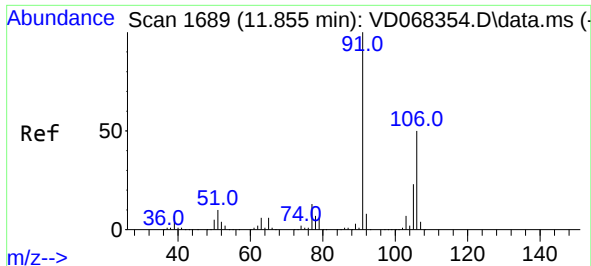
Tgt Ion:	117	Resp:	496945
Ion	Ratio	Lower	Upper
117	100		
82	47.3	41.4	62.0
119	32.2	26.1	39.1



#67
Ethyl Benzene
Concen: 1.91 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

Tgt Ion:	91	Resp:	32663
Ion	Ratio	Lower	Upper
91	100		
106	28.7	25.9	38.9

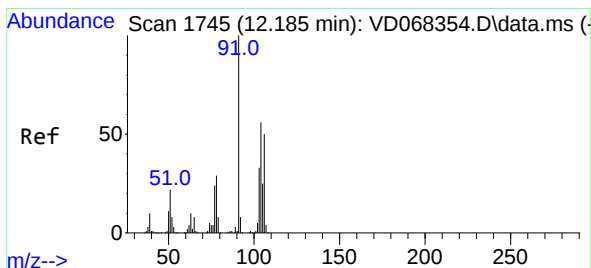
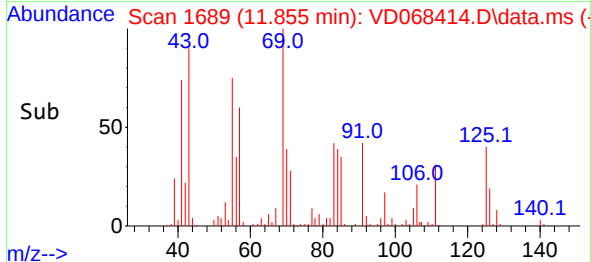
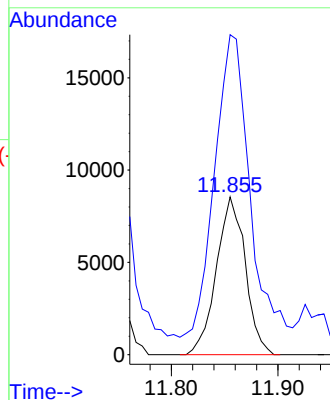
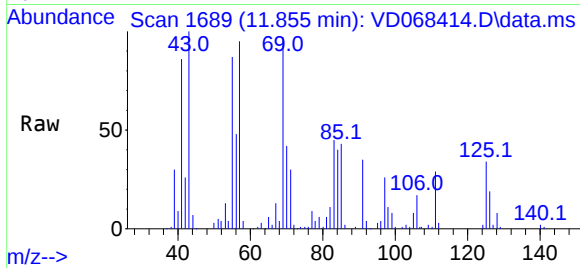




#68
m/p-Xylenes
Concen: 2.49 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

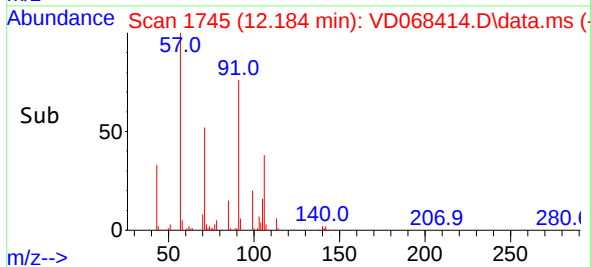
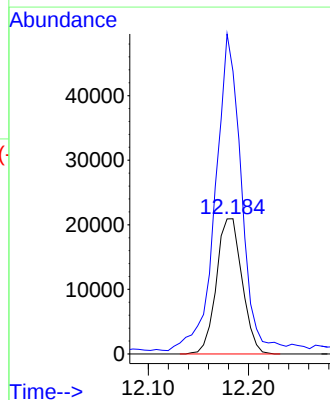
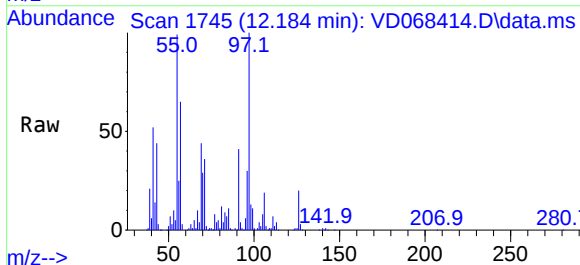
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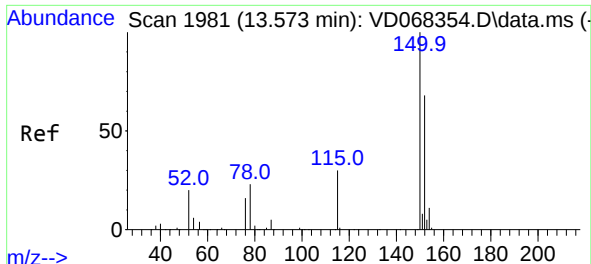
Tgt Ion:106 Resp: 16097
Ion Ratio Lower Upper
106 100
91 250.9 159.1 238.7#



#69
o-Xylene
Concen: 6.26 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

Tgt Ion:106 Resp: 37211
Ion Ratio Lower Upper
106 100
91 234.2 108.7 325.9

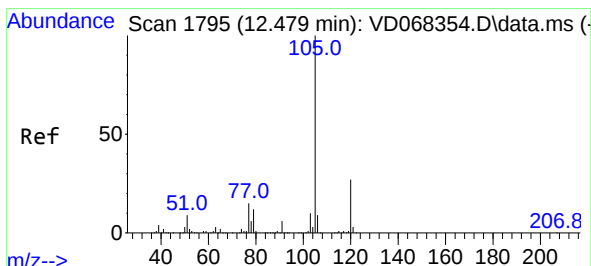
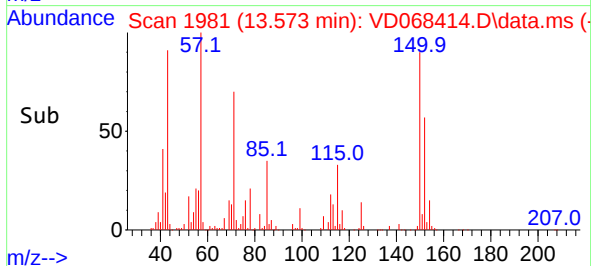
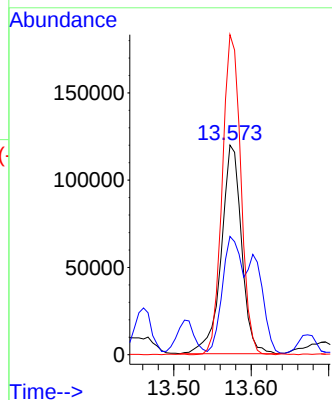
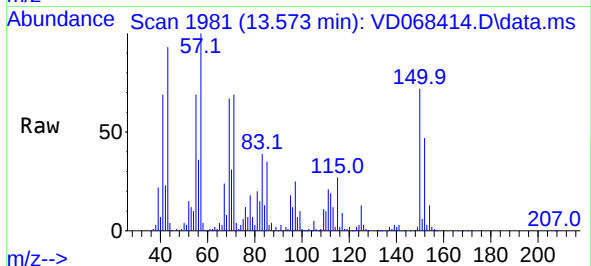




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

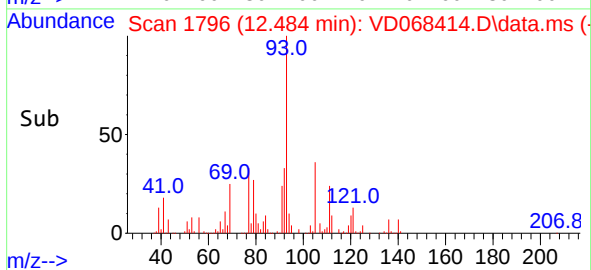
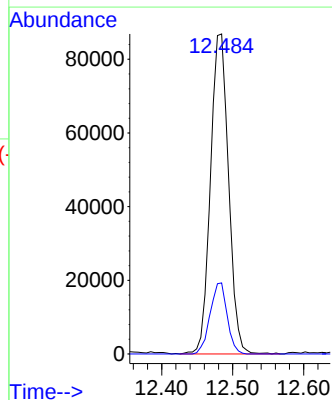
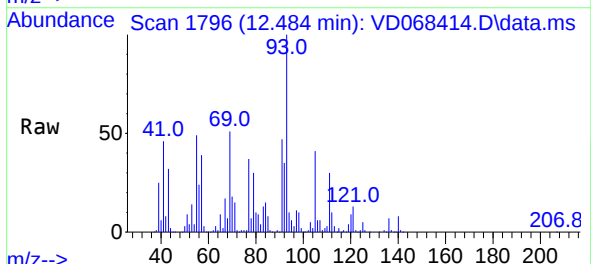
Instrument :
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ClientSampleId :
VCP-SB-6-SOIL

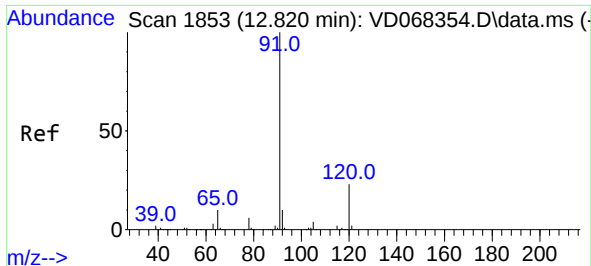
Tgt Ion:152 Resp: 218120
Ion Ratio Lower Upper
152 100
115 52.5 28.9 86.8
150 140.3 0.0 344.4



#73
Isopropylbenzene
Concen: 9.65 ug/l
RT: 12.484 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

Tgt Ion:105 Resp: 153738
Ion Ratio Lower Upper
105 100
120 20.9 13.2 39.6

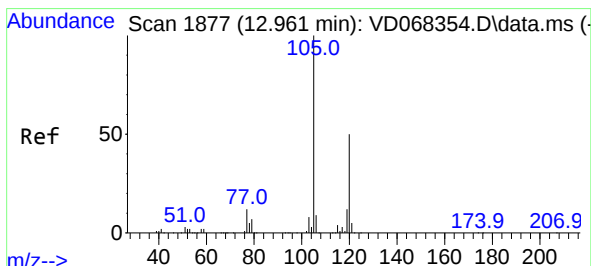
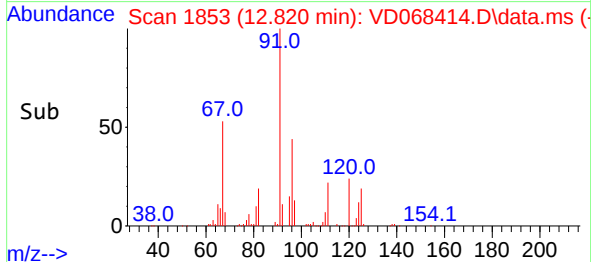
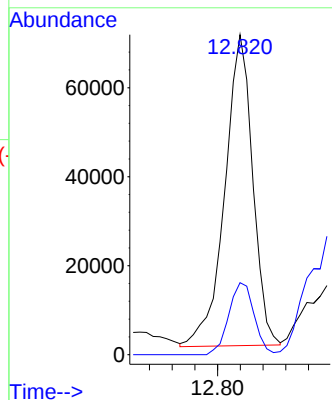
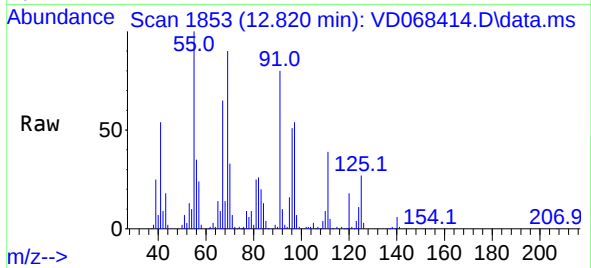




#78
n-propylbenzene
Concen: 6.26 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

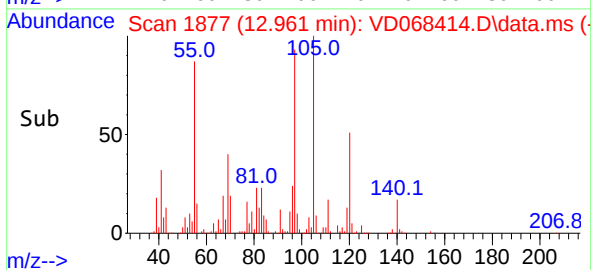
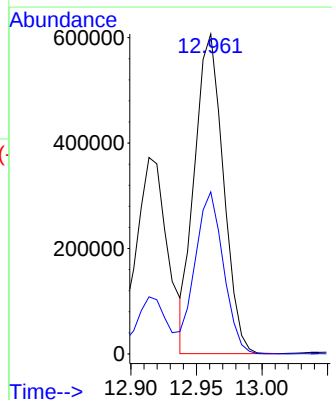
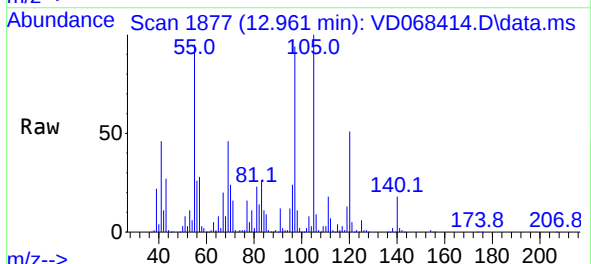
Instrument :
MSVOA_D
ClientSampleId :
VCP-SB-6-SOIL

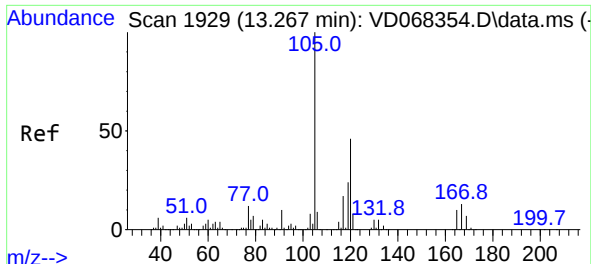
Tgt Ion: 91 Resp: 119404
Ion Ratio Lower Upper
91 100
120 21.0 12.0 36.0



#80
1,3,5-Trimethylbenzene
Concen: 70.99 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

Tgt Ion:105 Resp: 924191
Ion Ratio Lower Upper
105 100
120 51.2 24.2 72.6

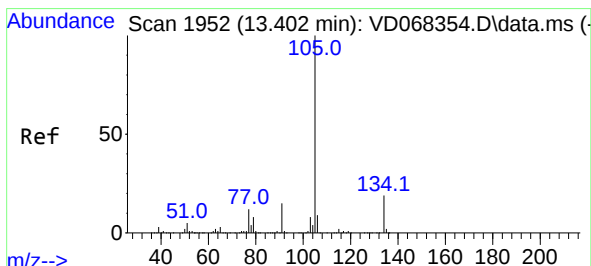
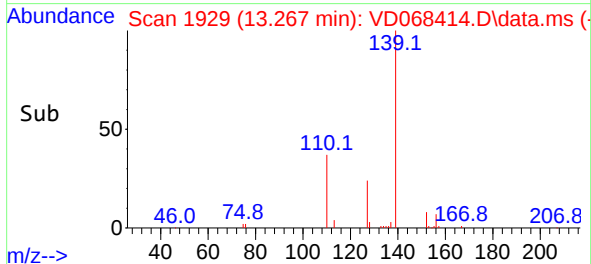
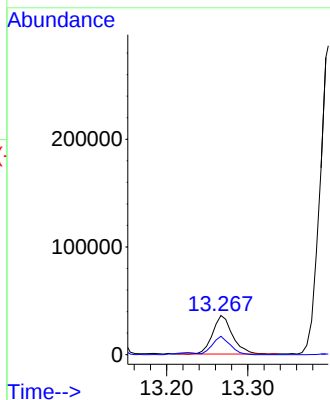
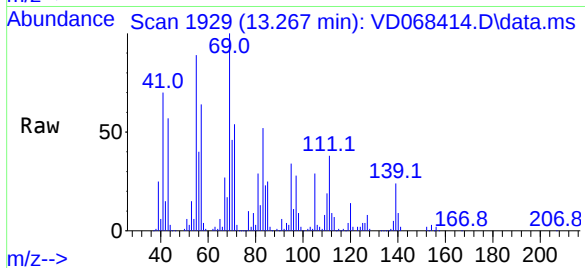




#84
1,2,4-Trimethylbenzene
Concen: 4.68 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

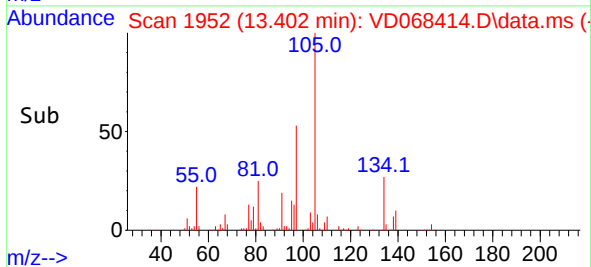
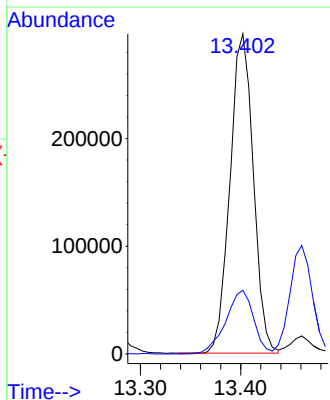
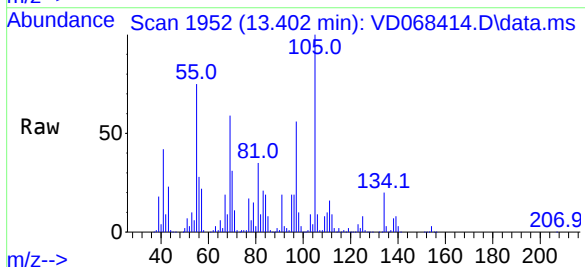
Instrument :
MSVOA_D
ClientSampleId :
VCP-SB-6-SOIL

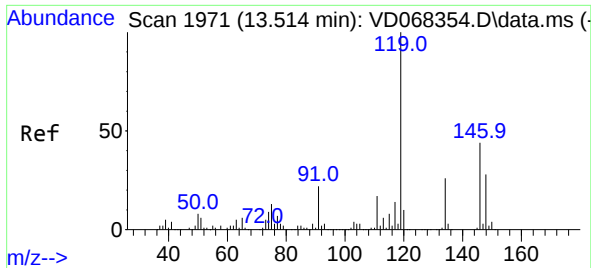
Tgt Ion:105 Resp: 60680
Ion Ratio Lower Upper
105 100
120 42.2 22.4 67.0



#85
sec-Butylbenzene
Concen: 30.37 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VD068414.D
Acq: 22 Feb 2021 12:29

Tgt Ion:105 Resp: 479720
Ion Ratio Lower Upper
105 100
134 23.7 10.3 30.9





#86
 p-Isopropyltoluene
 Concen: 28.81 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.000 min
 Lab File: VD068414.D
 Acq: 22 Feb 2021 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VCP-SB-6-SOIL

Tgt Ion:119 Resp: 408592

Ion	Ratio	Lower	Upper
119	100		
134	26.3	12.9	38.7
91	23.4	11.7	35.0

