

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021921\
 Data File : VD068407.D
 Acq On : 19 Feb 2021 18:22
 Operator : VA/SY
 Sample : M1442-01
 Misc : 10.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VCP-SB-5-SOIL

Quant Time: Feb 19 23:32:53 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)

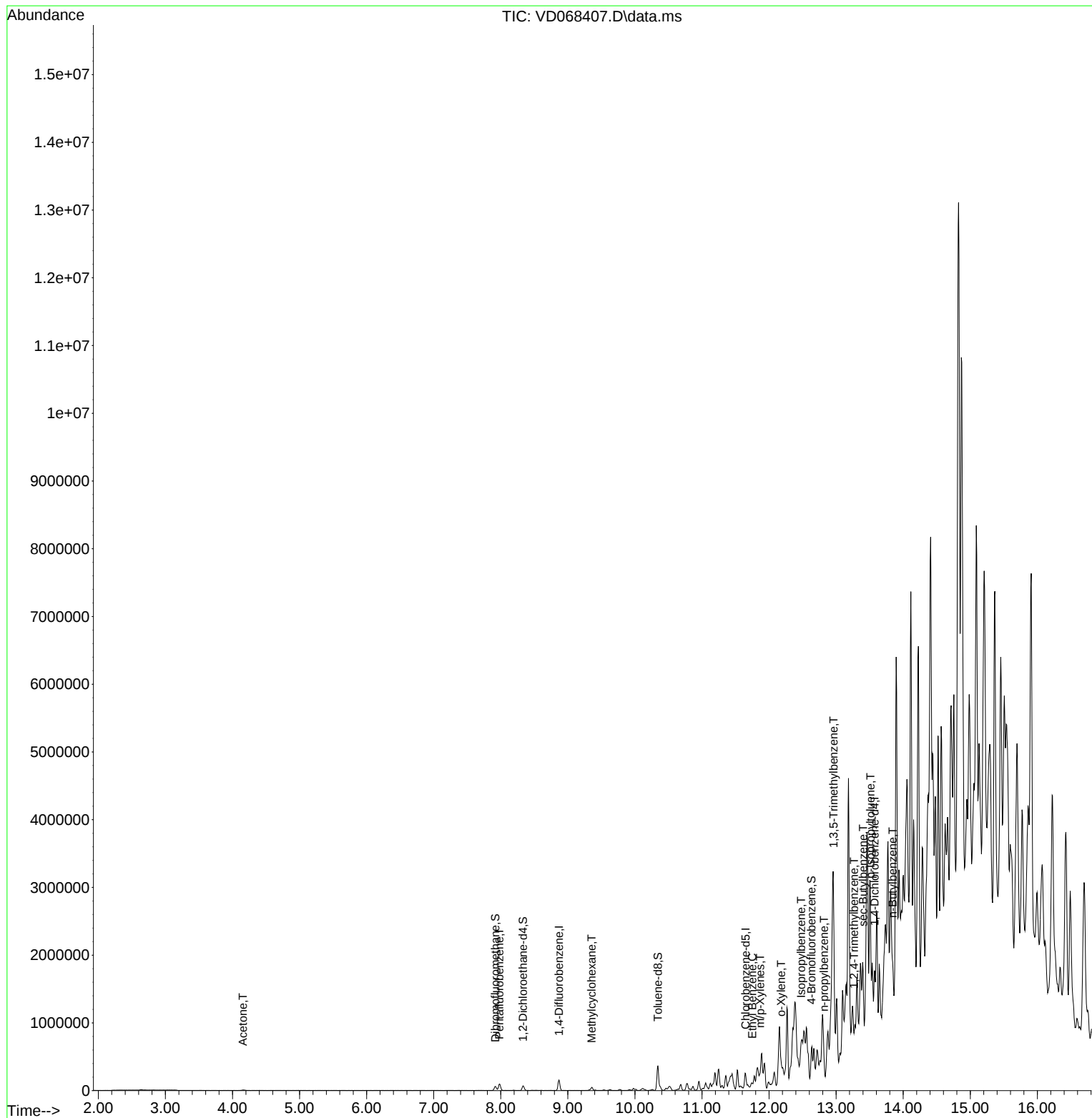
Internal Standards						
1) Pentafluorobenzene	7.979	168	69425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	137273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	138364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	76869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	53219	74.98	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 149.96%			
35) Dibromofluoromethane	7.920	113	44374	54.46	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.92%			
50) Toluene-d8	10.343	98	183567	54.35	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.70%			
62) 4-Bromofluorobenzene	12.632	95	81004	73.63	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 147.26%#			
Target Compounds						Qvalue
16) Acetone	4.156	43	12511	114.26	ug/l #	88
39) Methylcyclohexane	9.355	83	18104	12.15	ug/l	88
67) Ethyl Benzene	11.749	91	9974	2.09	ug/l	98
68) m/p-Xylenes	11.867	106	5809	3.22	ug/l #	73
69) o-Xylene	12.179	106	21007	12.70	ug/l	91
73) Isopropylbenzene	12.479	105	119968	21.37	ug/l	98
78) n-propylbenzene	12.820	91	114244	17.00	ug/l	94
80) 1,3,5-Trimethylbenzene	12.961	105	409721	89.30	ug/l	100
84) 1,2,4-Trimethylbenzene	13.267	105	58474	12.79	ug/l	97
85) sec-Butylbenzene	13.402	105	462827	83.15	ug/l	91
86) p-Isopropyltoluene	13.514	119	177671	35.55	ug/l	99
89) n-Butylbenzene	13.843	91	318347	65.28	ug/l #	79

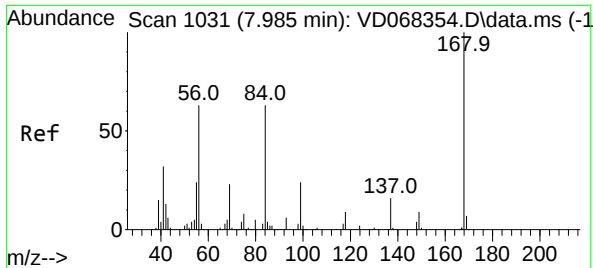
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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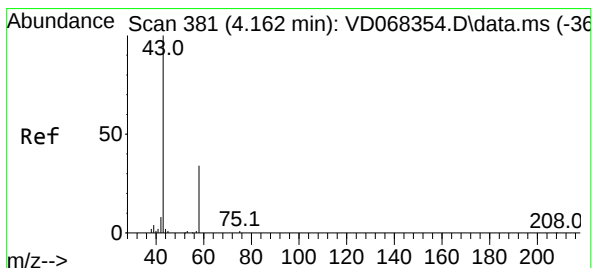
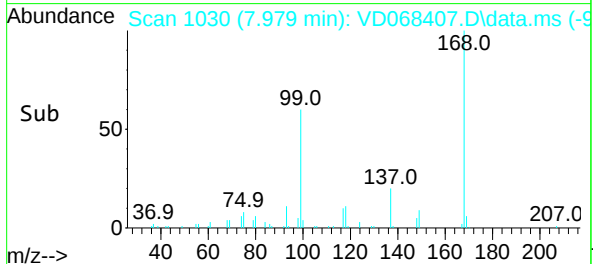
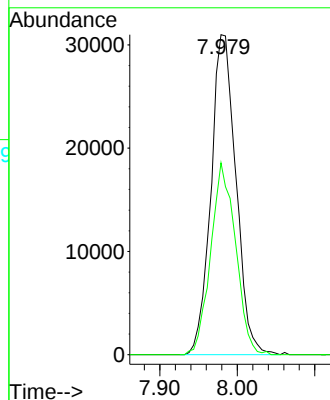
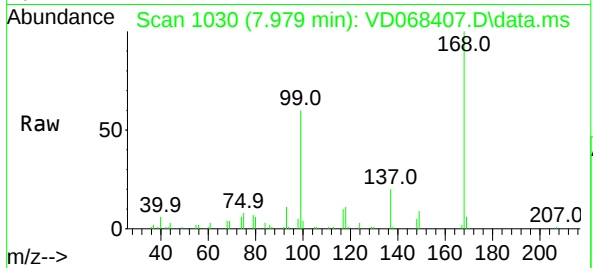




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

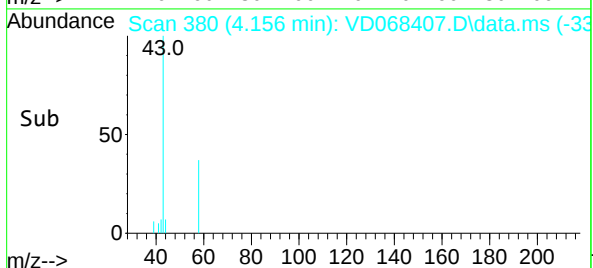
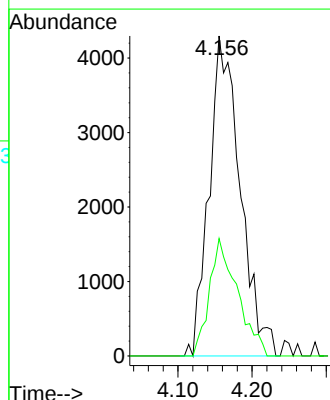
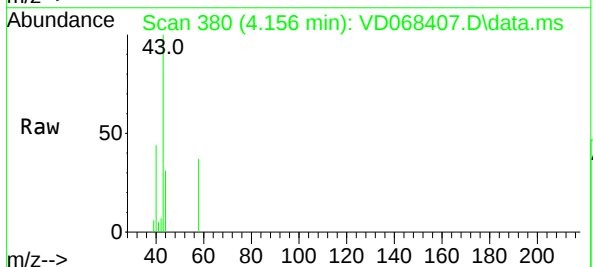
Instrument :
MSVOA_D
ClientSampleId :
VCP-SB-5-SOIL

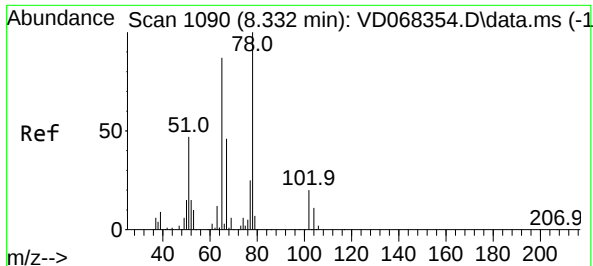
Tgt Ion:168 Resp: 69425
Ion Ratio Lower Upper
168 100
99 59.9 43.5 65.3



#16
Acetone
Concen: 114.26 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

Tgt Ion: 43 Resp: 12511
Ion Ratio Lower Upper
43 100
58 36.7 24.2 36.4#

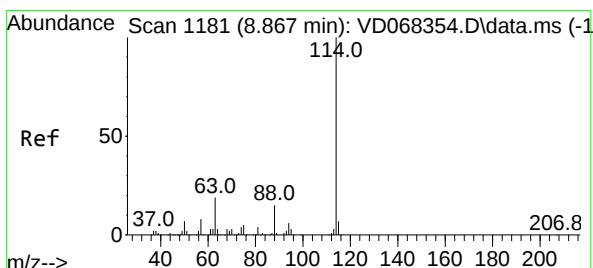
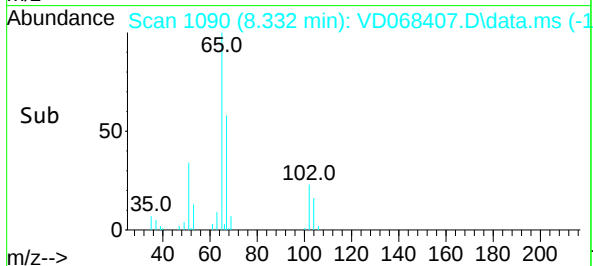
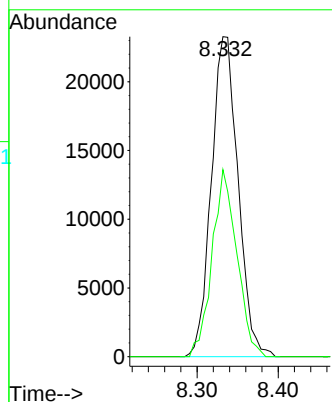
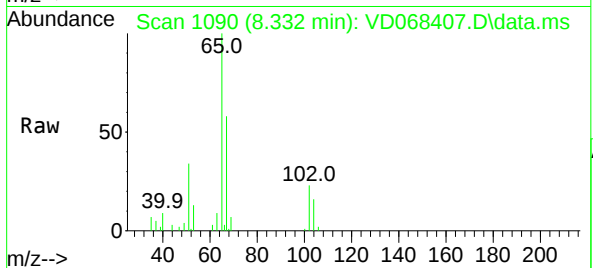




#33
1,2-Dichloroethane-d4
Concen: 74.98 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

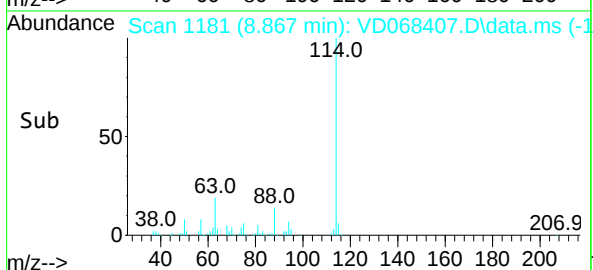
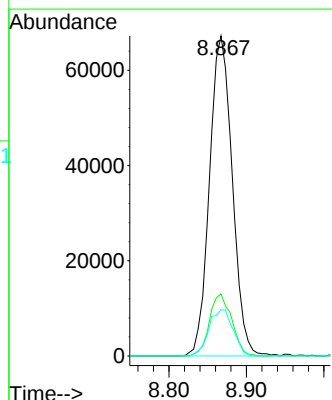
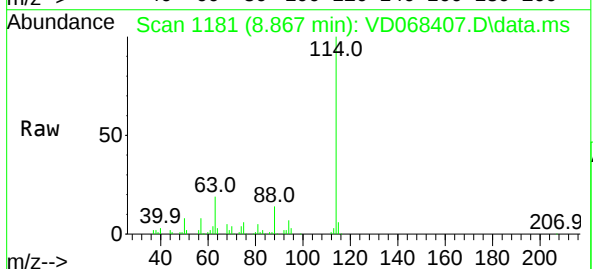
Instrument :
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VCP-SB-5-SOIL

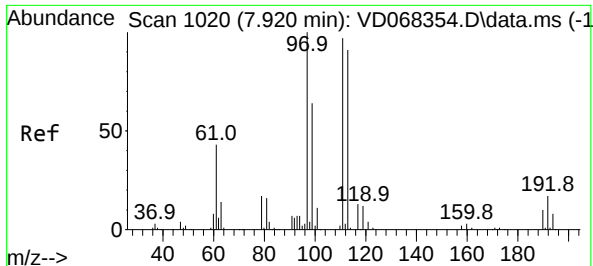
Tgt Ion: 65 Resp: 53219
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

Tgt Ion: 114 Resp: 137273
Ion Ratio Lower Upper
114 100
63 19.4 0.0 34.8
88 14.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 54.46 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068407.D

Acq: 19 Feb 2021 18:22

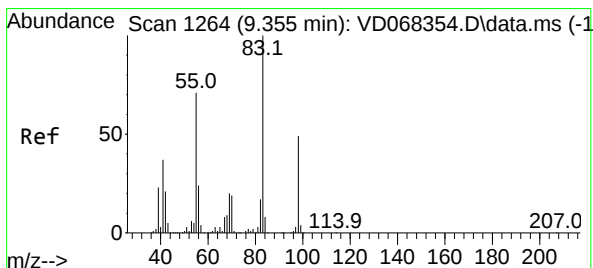
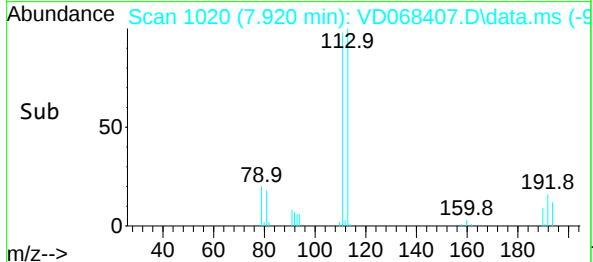
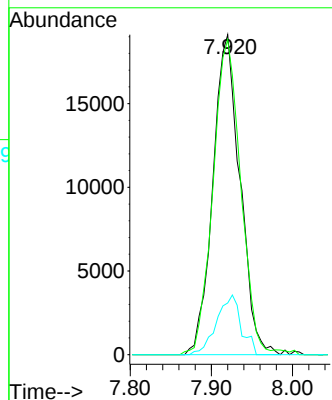
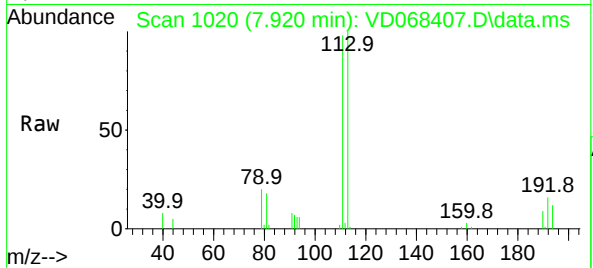
Tgt Ion:113 Resp: 44374

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 16.9 16.1 24.1



#39

Methylcyclohexane

Concen: 12.15 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068407.D

Acq: 19 Feb 2021 18:22

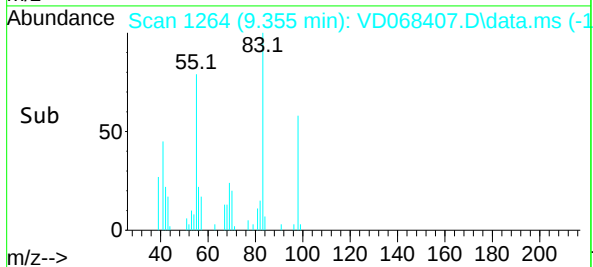
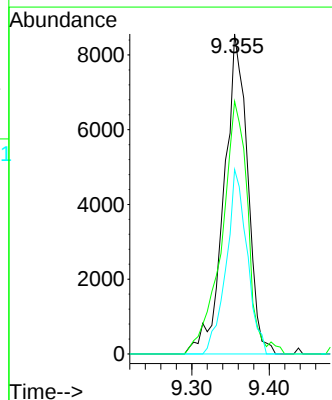
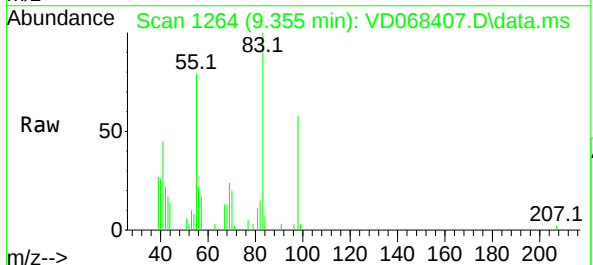
Tgt Ion: 83 Resp: 18104

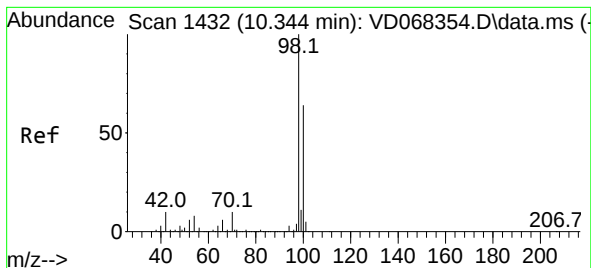
Ion Ratio Lower Upper

83 100

55 79.0 55.2 82.8

98 57.6 39.1 58.7

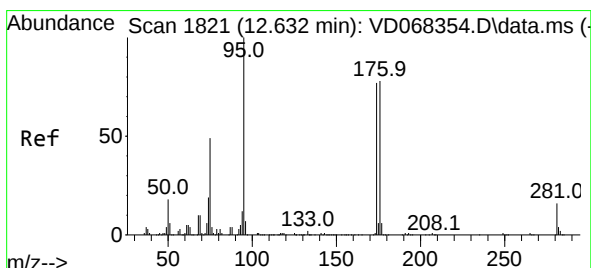
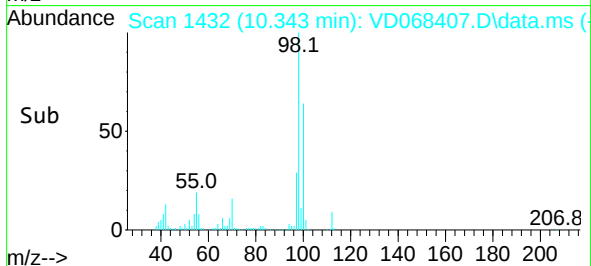
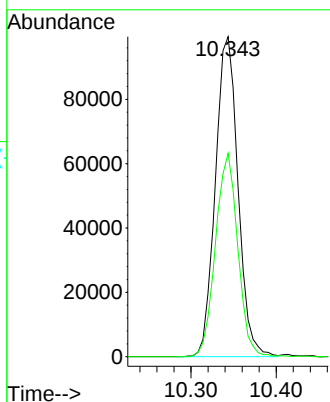
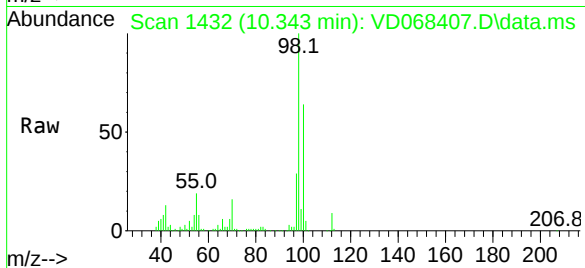




#50
Toluene-d8
Concen: 54.35 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

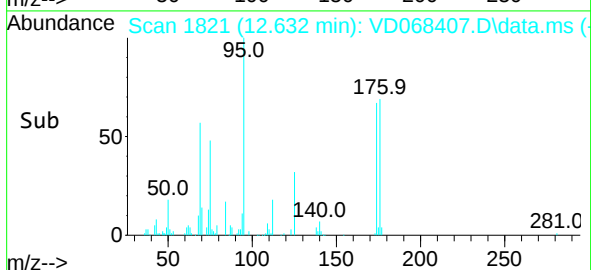
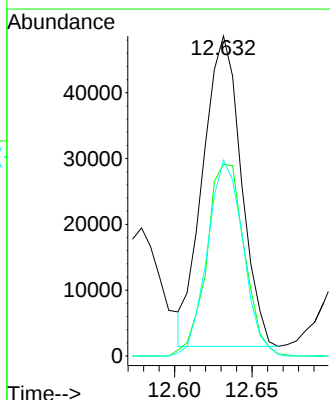
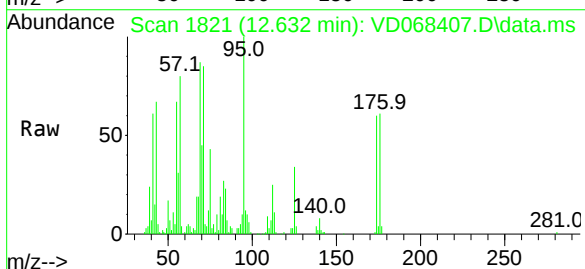
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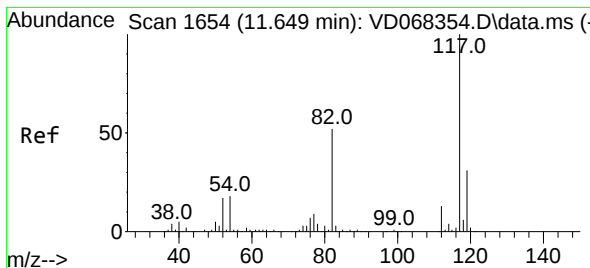
Tgt Ion: 98 Resp: 183567
Ion Ratio Lower Upper
98 100
100 62.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 73.63 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

Tgt Ion: 95 Resp: 81004
Ion Ratio Lower Upper
95 100
174 61.0 0.0 172.4
176 58.8 0.0 168.4

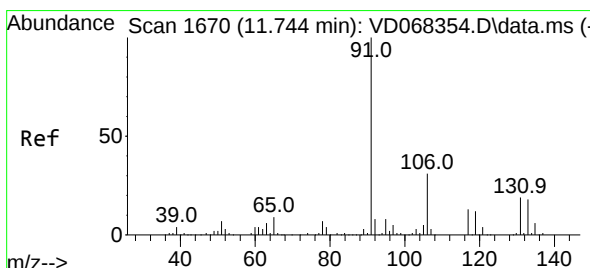
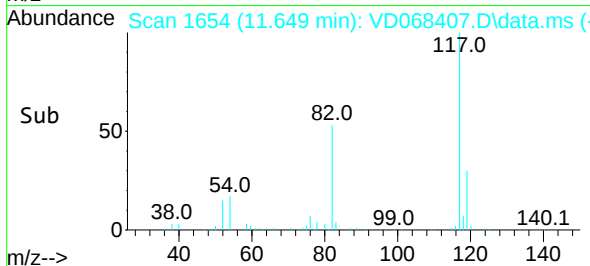
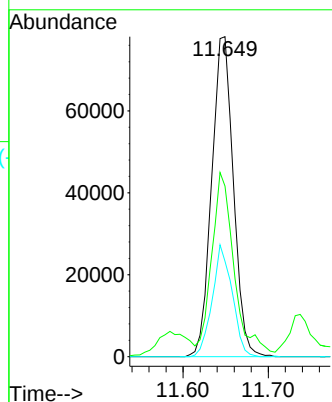
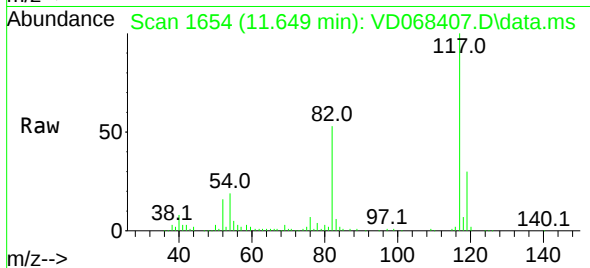




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

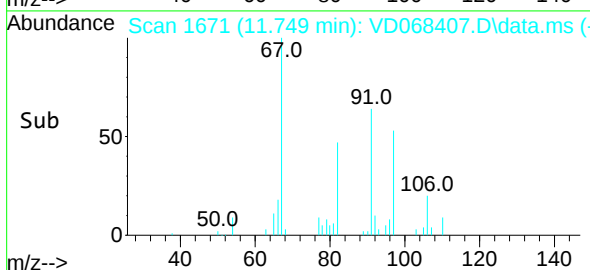
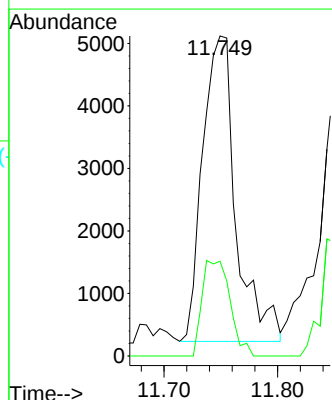
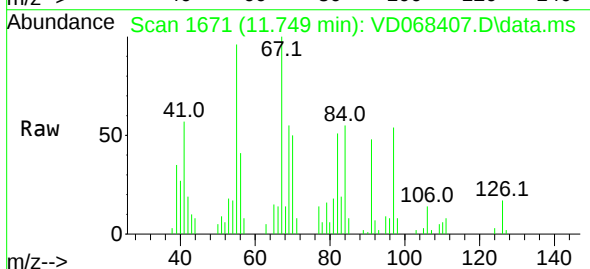
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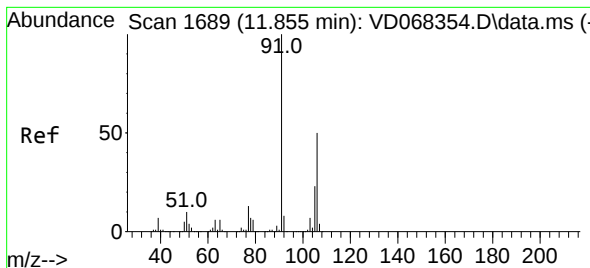
Tgt Ion:117 Resp: 138364
Ion Ratio Lower Upper
117 100
82 50.2 41.4 62.0
119 29.8 26.1 39.1



#67
Ethyl Benzene
Concen: 2.09 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. 0.006 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

Tgt Ion: 91 Resp: 9974
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9

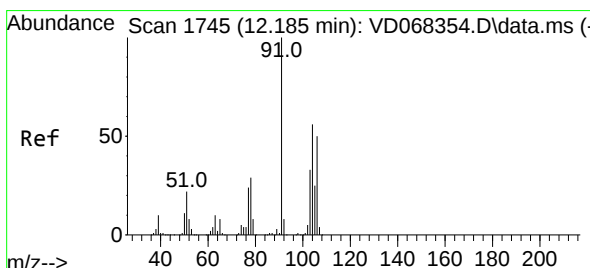
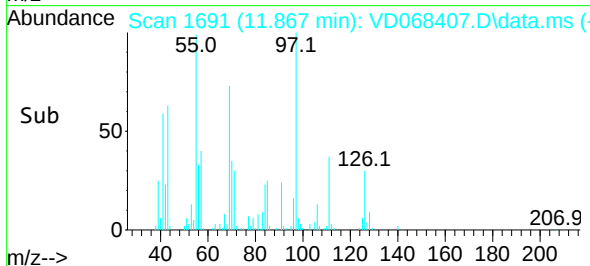
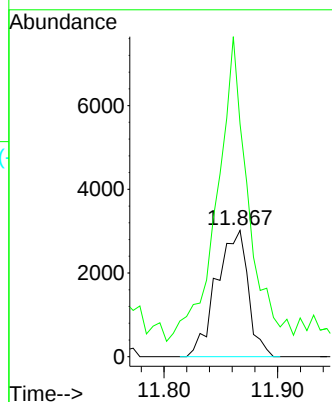
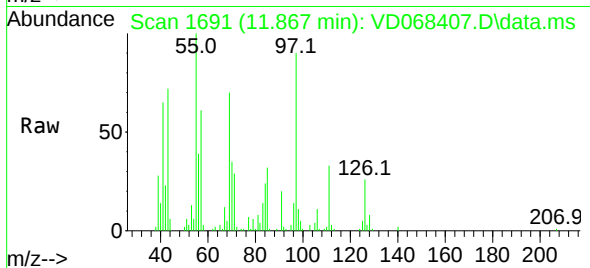




#68
m/p-Xylenes
Concen: 3.22 ug/l
RT: 11.867 min Scan# 1691
Delta R.T. 0.012 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

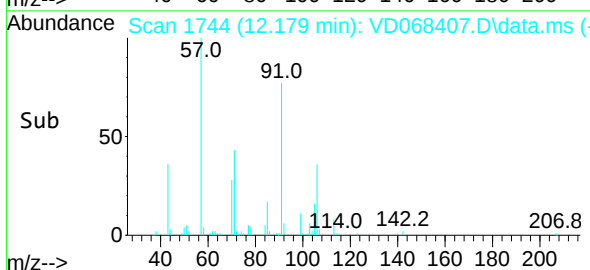
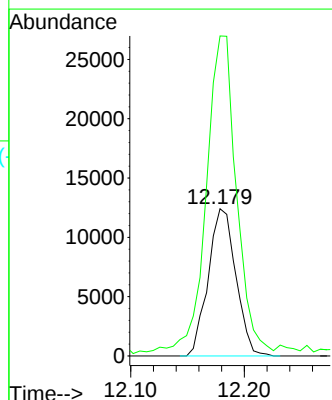
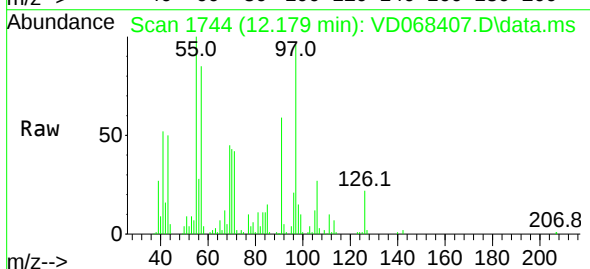
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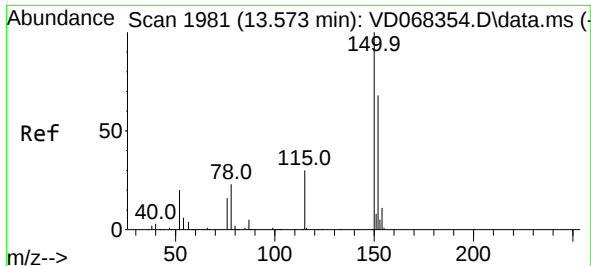
Tgt Ion:106 Resp: 5809
Ion Ratio Lower Upper
106 100
91 239.1 159.1 238.7#



#69
o-Xylene
Concen: 12.70 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

Tgt Ion:106 Resp: 21007
Ion Ratio Lower Upper
106 100
91 231.1 108.7 325.9

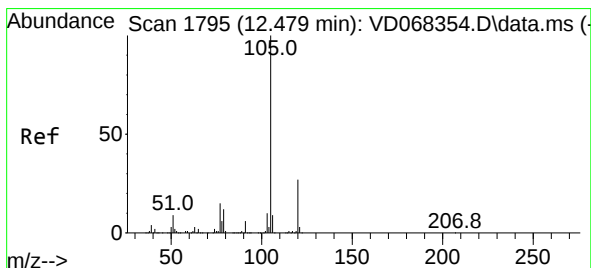
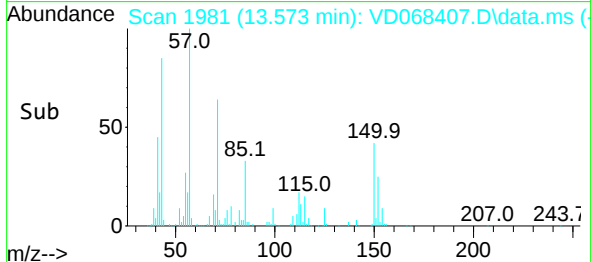
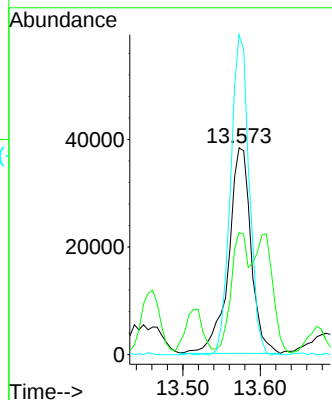
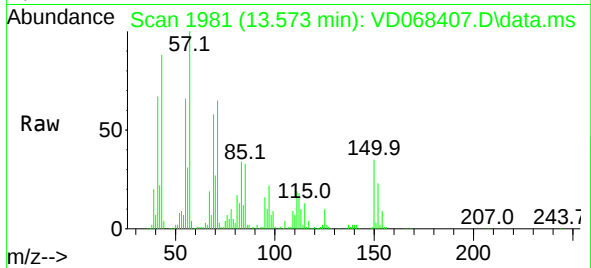




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

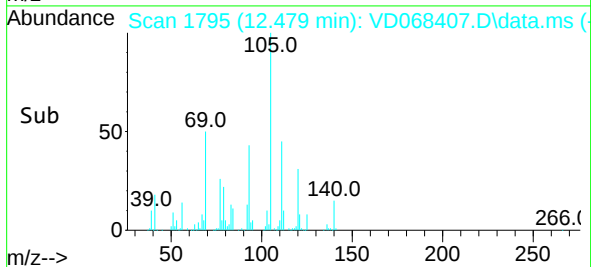
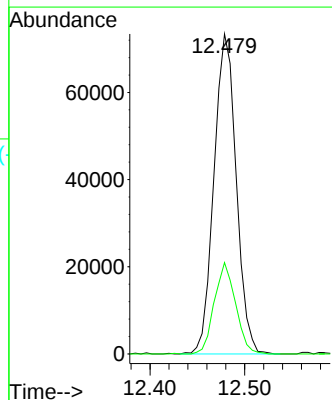
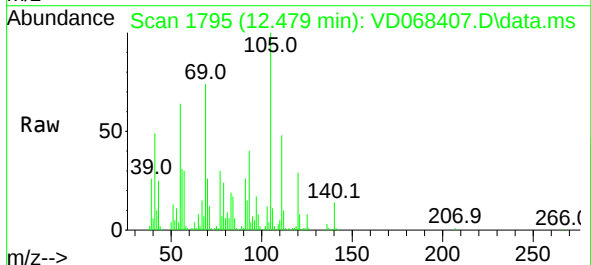
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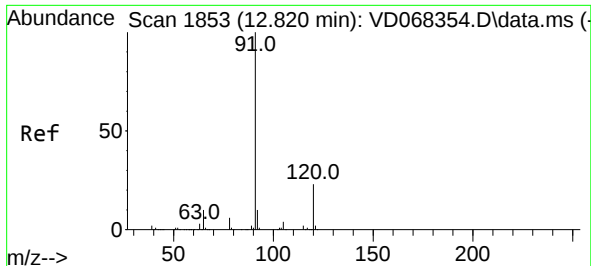
Tgt Ion:152 Resp: 76869
Ion Ratio Lower Upper
152 100
115 41.7 28.9 86.8
150 129.4 0.0 344.4



#73
Isopropylbenzene
Concen: 21.37 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

Tgt Ion:105 Resp: 119968
Ion Ratio Lower Upper
105 100
120 27.2 13.2 39.6

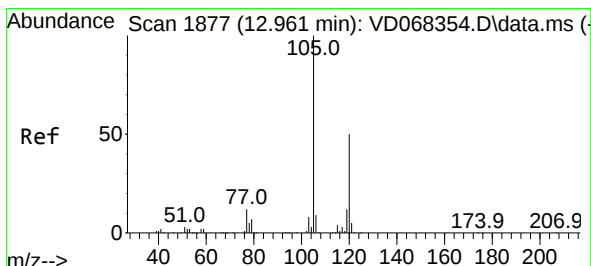
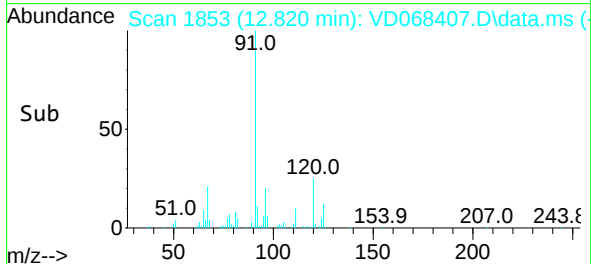
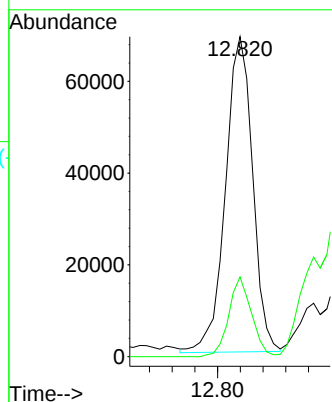
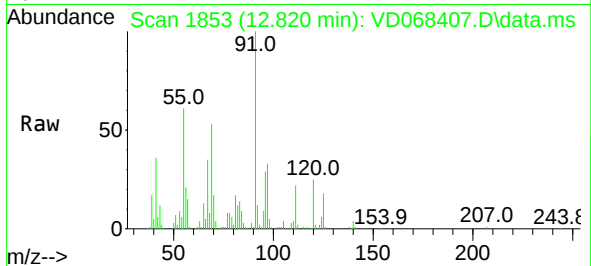




#78
n-propylbenzene
Concen: 17.00 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

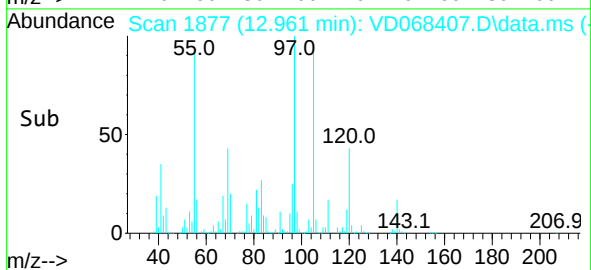
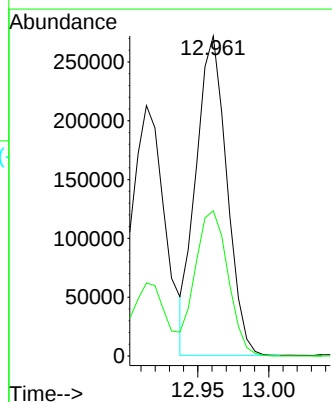
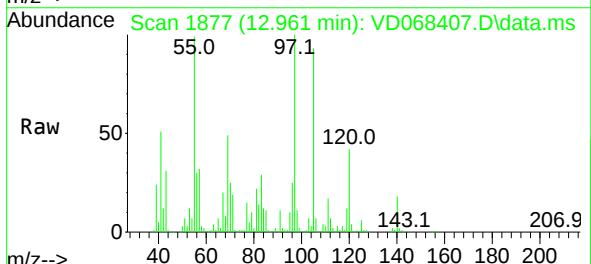
Instrument :
MSVOA_D
ClientSampleId :
VCP-SB-5-SOIL

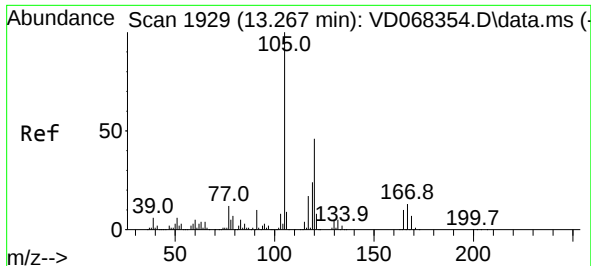
Tgt Ion: 91 Resp: 114244
Ion Ratio Lower Upper
91 100
120 21.1 12.0 36.0



#80
1,3,5-Trimethylbenzene
Concen: 89.30 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

Tgt Ion:105 Resp: 409721
Ion Ratio Lower Upper
105 100
120 48.2 24.2 72.6

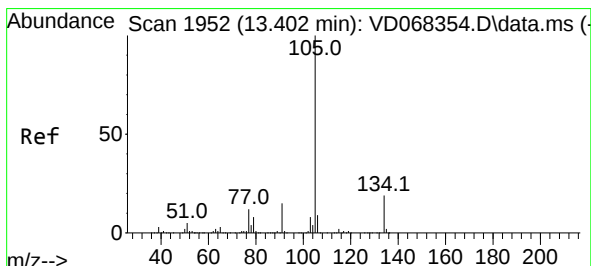
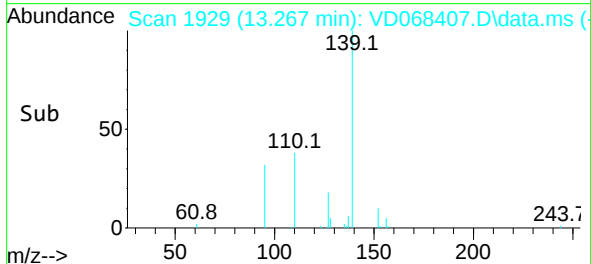
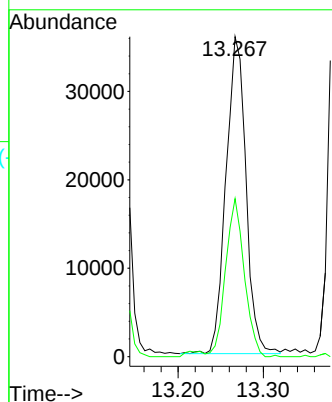
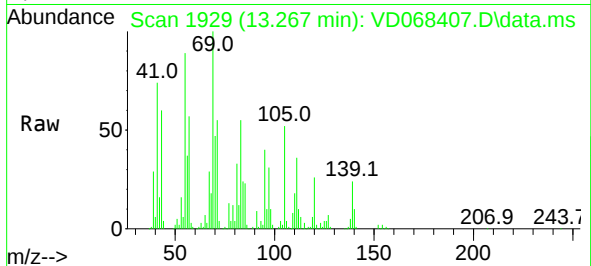




#84
1,2,4-Trimethylbenzene
Concen: 12.79 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

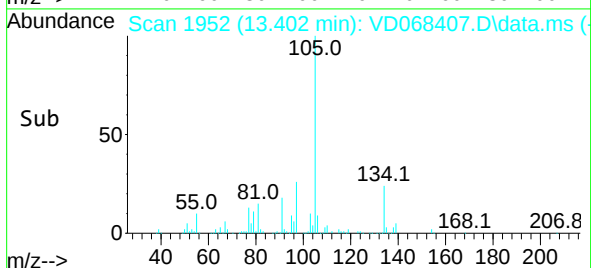
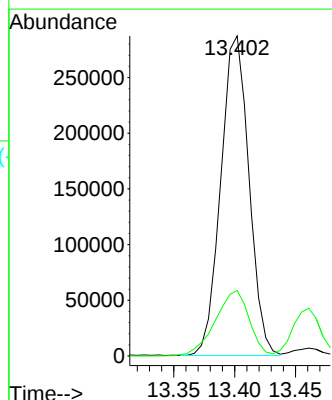
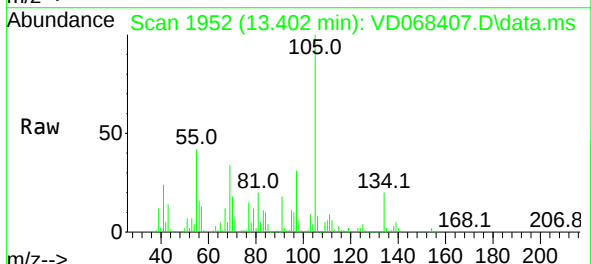
Instrument :
MSVOA_D
ClientSampleId :
VCP-SB-5-SOIL

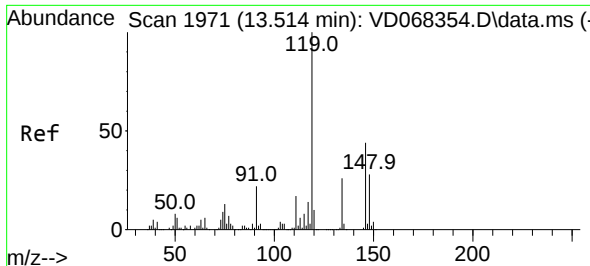
Tgt Ion:105 Resp: 58474
Ion Ratio Lower Upper
105 100
120 46.7 22.4 67.0



#85
sec-Butylbenzene
Concen: 83.15 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

Tgt Ion:105 Resp: 462827
Ion Ratio Lower Upper
105 100
134 24.8 10.3 30.9

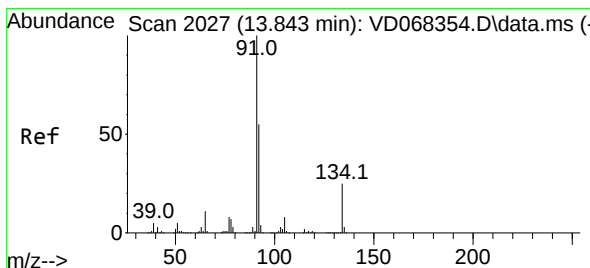
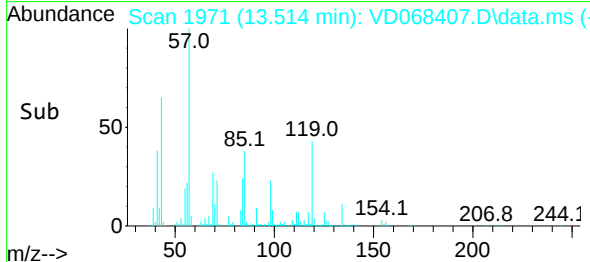
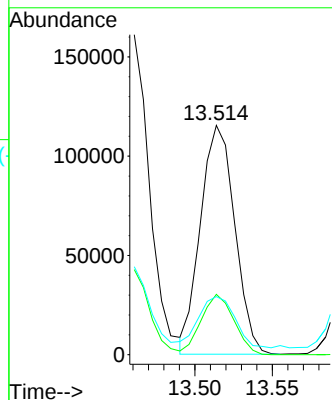
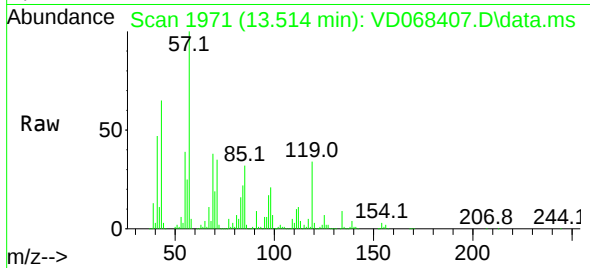




#86
p-Isopropyltoluene
Concen: 35.55 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

Instrument :
MSVOA_D
ClientSampleId :
VCP-SB-5-SOIL

Tgt Ion:119 Resp: 177671
Ion Ratio Lower Upper
119 100
134 25.1 12.9 38.7
91 24.0 11.7 35.0



#89
n-Butylbenzene
Concen: 65.28 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068407.D
Acq: 19 Feb 2021 18:22

Tgt Ion: 91 Resp: 318347
Ion Ratio Lower Upper
91 100
92 57.5 27.2 81.6
134 0.0 13.9 41.7#

