

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021521\
 Data File : VN065869.D
 Acq On : 15 Feb 2021 14:31
 Operator : JC/MD
 Sample : M1398-03ME
 Misc : 3.43g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VCP-SS-3-SOILME

Quant Time: Feb 15 15:14:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 15 10:57:01 2021
 Response via : Initial Calibration

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

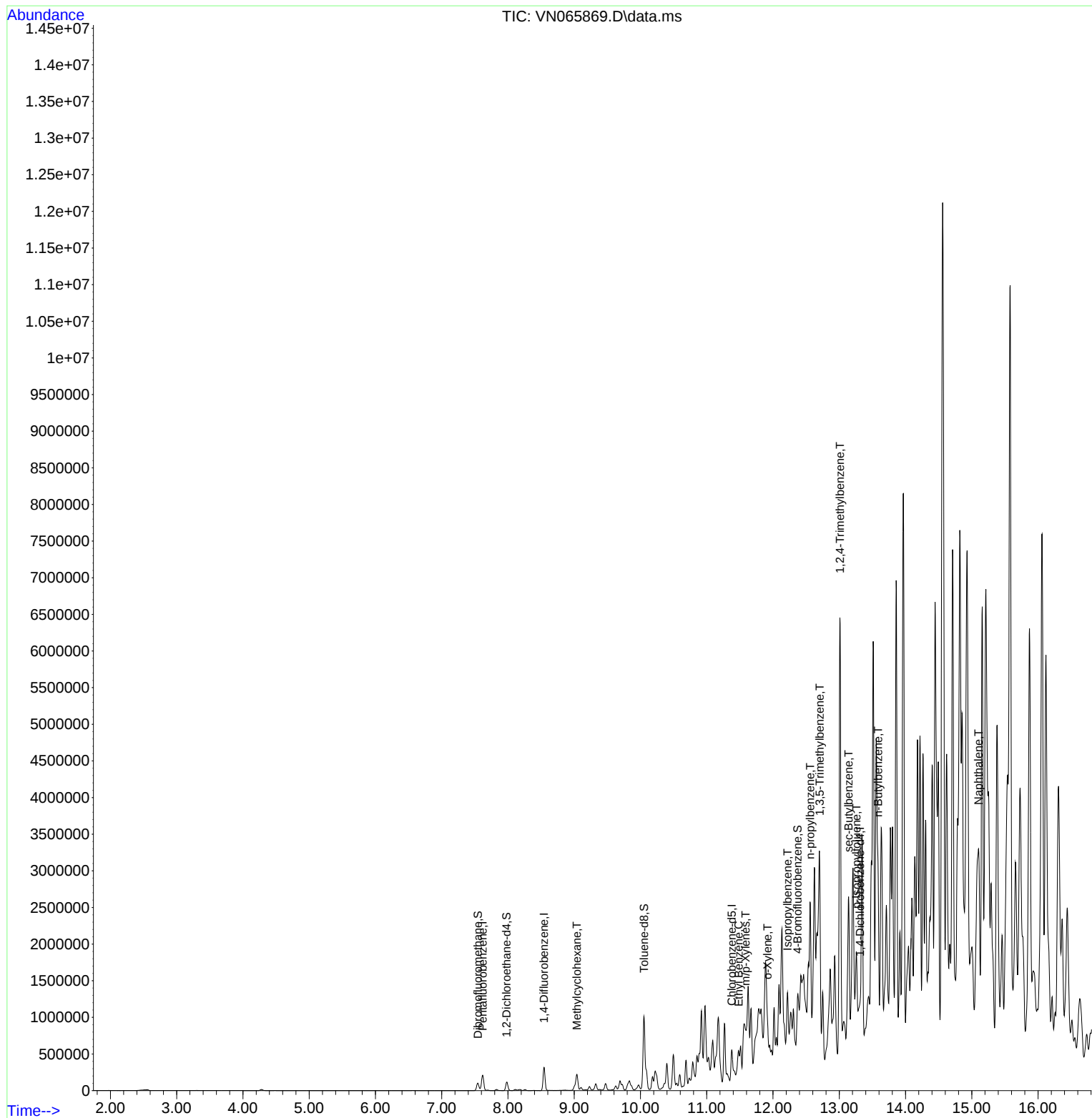
Internal Standards						
1) Pentafluorobenzene	7.618	168	180594	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	305400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	276468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	173557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.981	65	99562	41.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.82%		
35) Dibromofluoromethane	7.547	113	85112	47.03	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.06%		
50) Toluene-d8	10.055	98	414254	58.23	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	116.46%		
62) 4-Bromofluorobenzene	12.370	95	156453	61.07	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	122.14%		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.039	83	102660	27.38	ug/l	98
67) Ethyl Benzene	11.482	91	205540	18.92	ug/l	100
68) m/p-Xylenes	11.588	106	167390	42.56	ug/l	98
69) o-Xylene	11.920	106	21557	5.66	ug/l	88
73) Isopropylbenzene	12.222	105	520268	34.24	ug/l	100
78) n-propylbenzene	12.563	91	1566234	87.46	ug/l	100
80) 1,3,5-Trimethylbenzene	12.704	105	641744	49.60	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	3392334	262.87	ug/l	95
85) sec-Butylbenzene	13.141	105	1192371	81.86	ug/l	91
86) p-Isopropyltoluene	13.260	119	399776	31.08	ug/l	98
89) n-Butylbenzene	13.585	91	1556085	134.68	ug/l #	75
95) Naphthalene	15.100	128	826932	71.92	ug/l #	91

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021521\
Data File : VN065869.D
Acq On : 15 Feb 2021 14:31
Operator : JC/MD
Sample : M1398-03ME
Misc : 3.43g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-3-SOILME

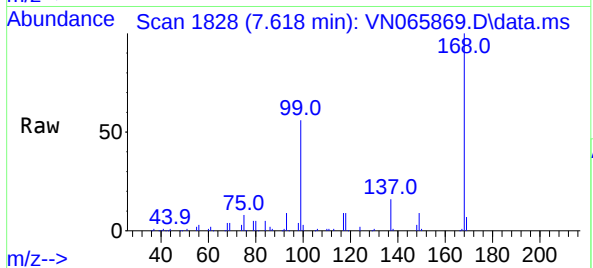
Quant Time: Feb 15 15:14:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 15 10:57:01 2021
Response via : Initial Calibration



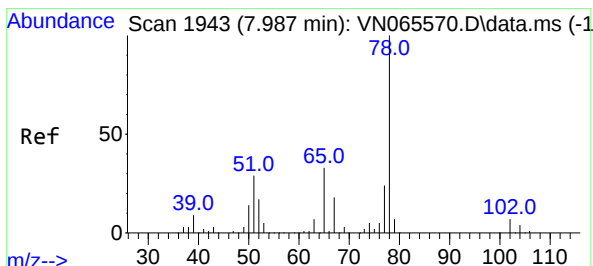
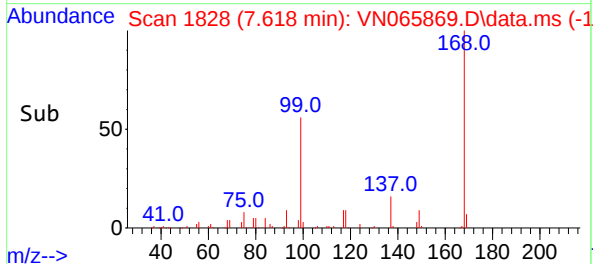
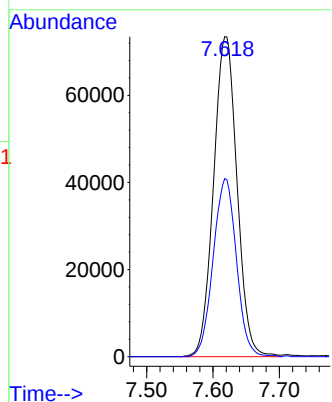


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.006 min
Lab File: VN065869.D
Acq: 15 Feb 2021 14:31

Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-3-SOILME

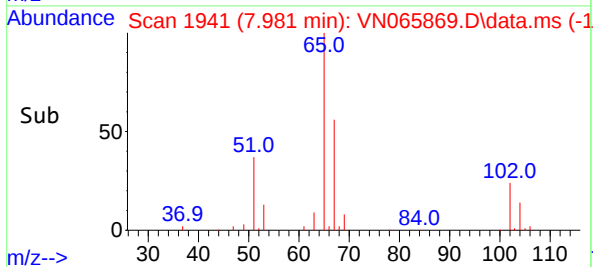
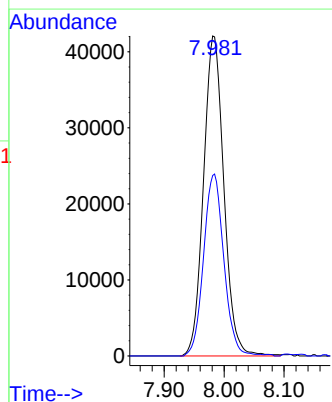
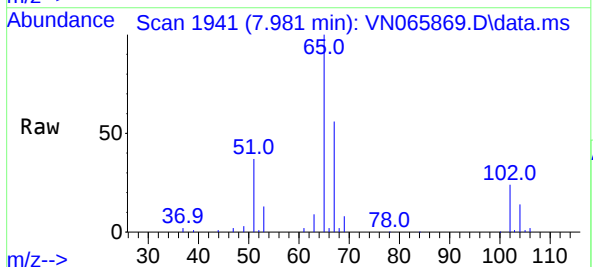


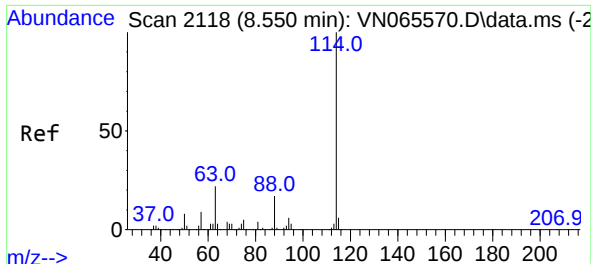
Tgt Ion:168 Resp: 180594
Ion Ratio Lower Upper
168 100
99 55.7 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 41.91 ug/l
RT: 7.981 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN065869.D
Acq: 15 Feb 2021 14:31

Tgt Ion: 65 Resp: 99562
Ion Ratio Lower Upper
65 100
67 56.6 0.0 107.2



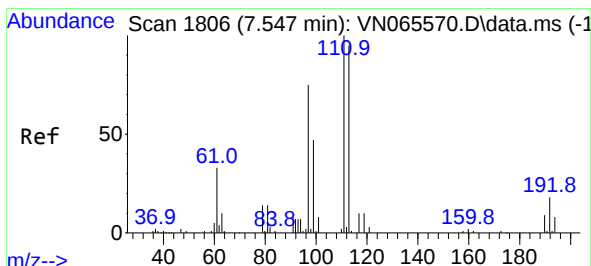
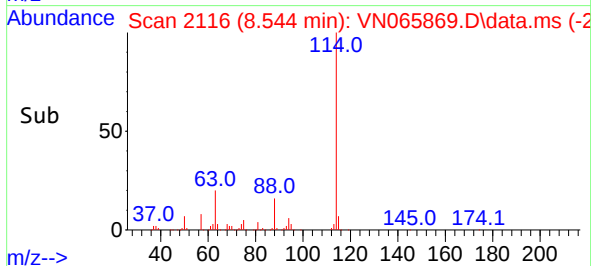
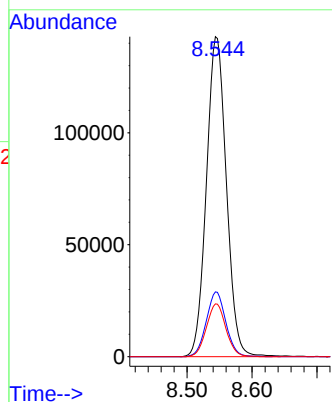
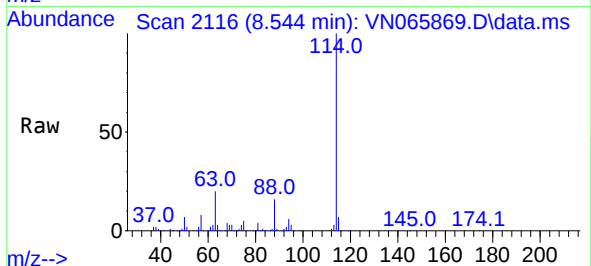


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.544 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VN065869.D
Acq: 15 Feb 2021 14:31

Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-3-SOILME

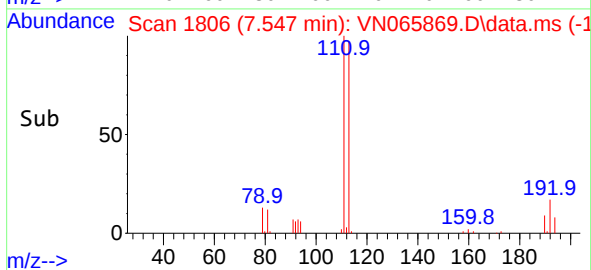
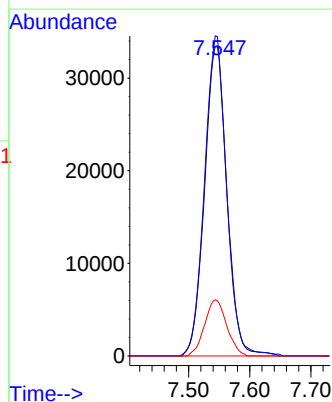
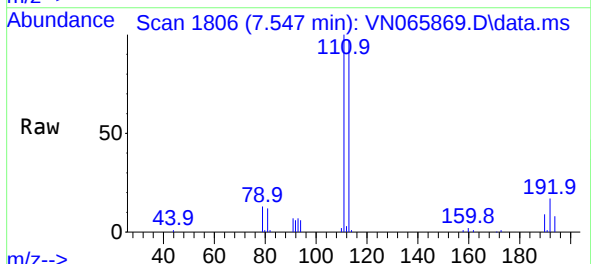
Tgt Ion:114 Resp: 305400
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 16.5 0.0 30.6

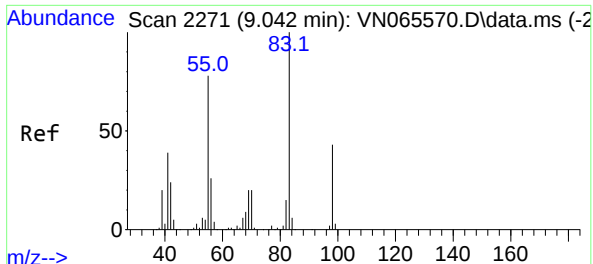


#35

Dibromofluoromethane
Concen: 47.03 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065869.D
Acq: 15 Feb 2021 14:31

Tgt Ion:113 Resp: 85112
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 17.9 15.4 23.0





#39

Methylcyclohexane

Concen: 27.38 ug/l

RT: 9.039 min Scan# 2270

Delta R.T. -0.003 min

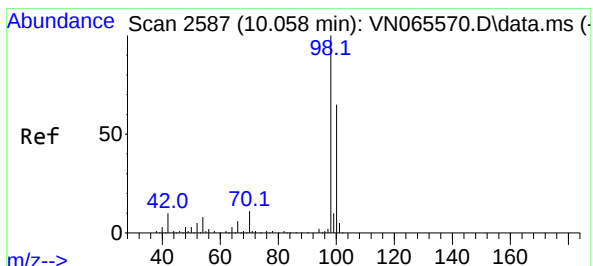
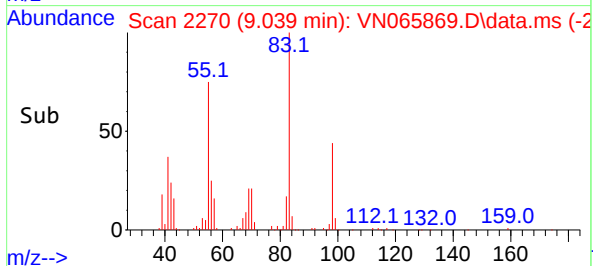
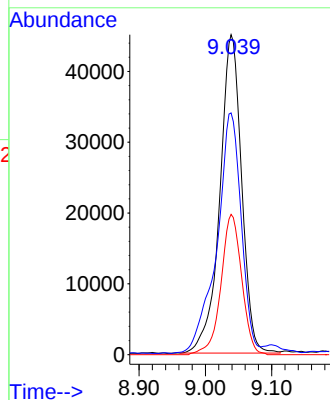
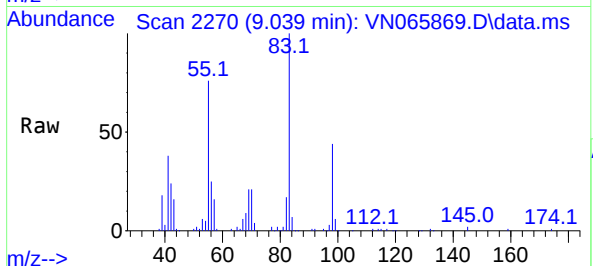
Lab File: VN065869.D

Acq: 15 Feb 2021 14:31

Tgt Ion: 83 Resp: 102660

Ion	Ratio	Lower	Upper
83	100		
55	75.2	58.9	88.3
98	44.1	35.9	53.9

Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-3-SOILME



#50

Toluene-d8

Concen: 58.23 ug/l

RT: 10.055 min Scan# 2586

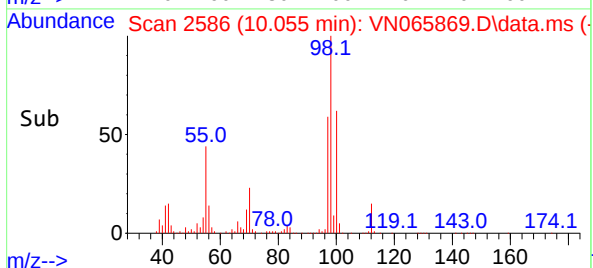
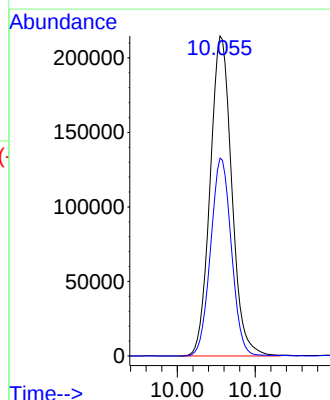
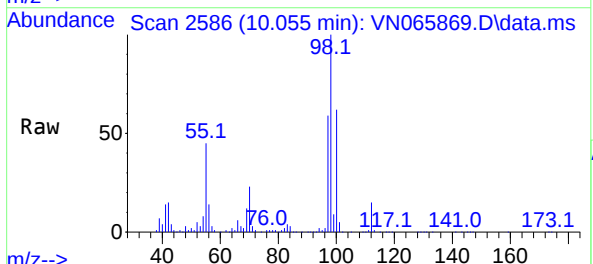
Delta R.T. -0.003 min

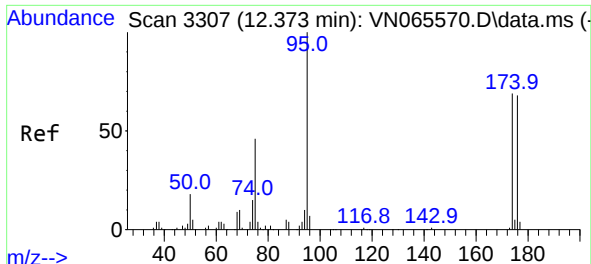
Lab File: VN065869.D

Acq: 15 Feb 2021 14:31

Tgt Ion: 98 Resp: 414254

Ion	Ratio	Lower	Upper
98	100		
100	59.5	50.5	75.7

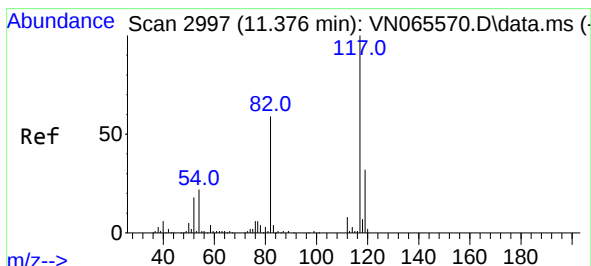
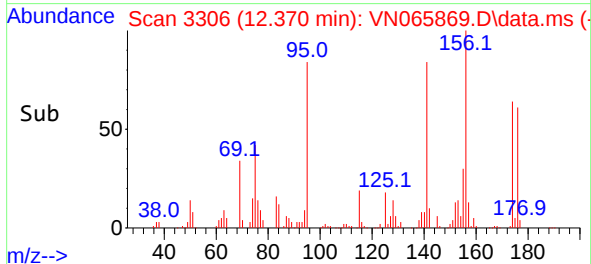
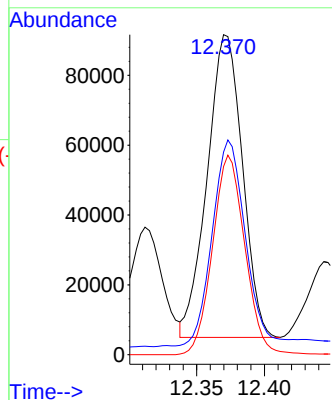
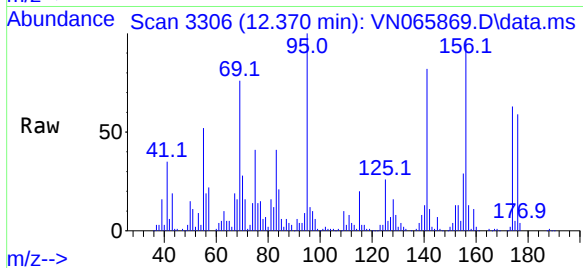




#62
4-Bromofluorobenzene
Concen: 61.07 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065869.D
Acq: 15 Feb 2021 14:31

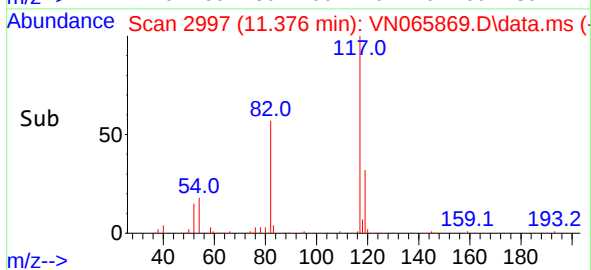
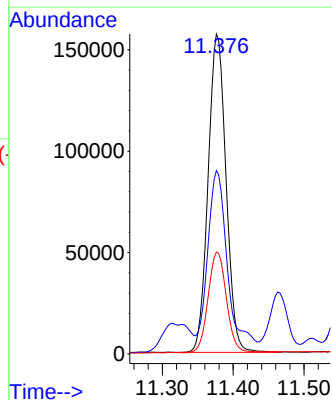
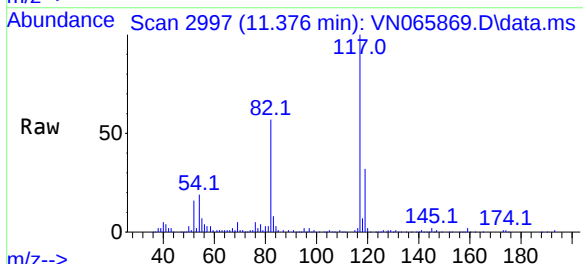
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-3-SOILME

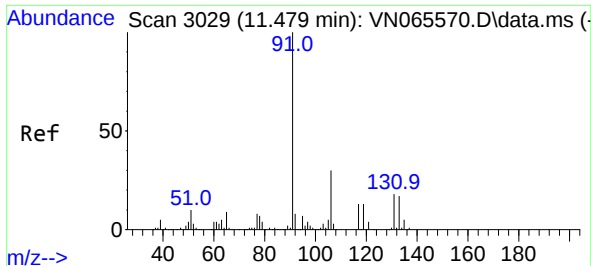
Tgt Ion: 95 Resp: 156453
Ion Ratio Lower Upper
95 100
174 64.0 0.0 169.0
176 60.7 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065869.D
Acq: 15 Feb 2021 14:31

Tgt Ion:117 Resp: 276468
Ion Ratio Lower Upper
117 100
82 48.4 43.7 65.5
119 31.6 26.1 39.1

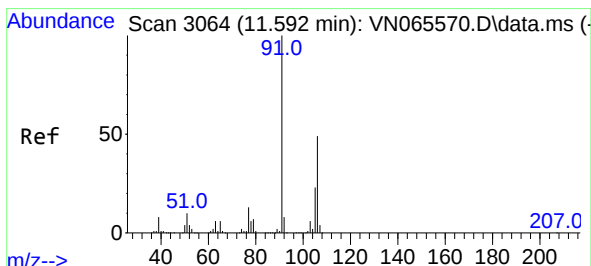
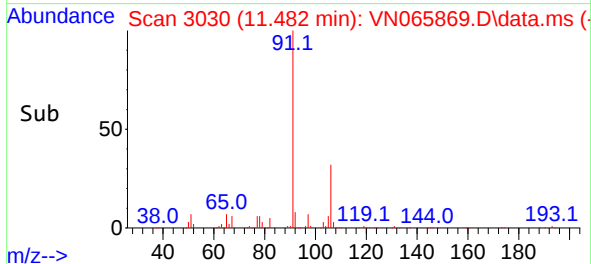
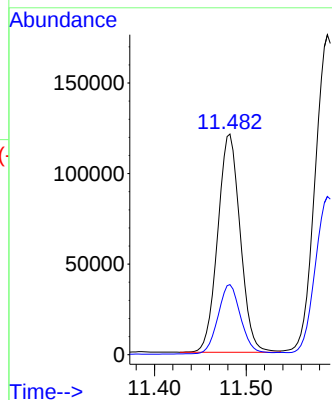
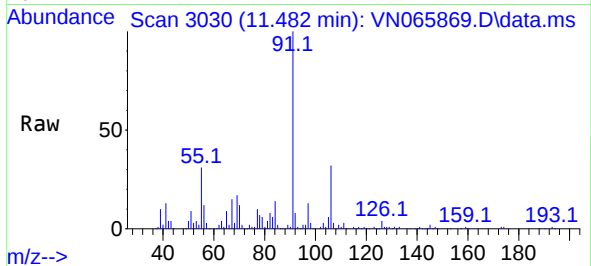




#67
Ethyl Benzene
Concen: 18.92 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN065869.D
Acq: 15 Feb 2021 14:31

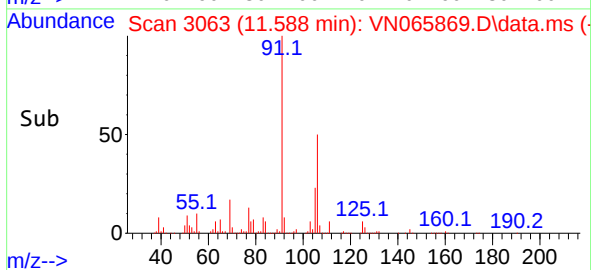
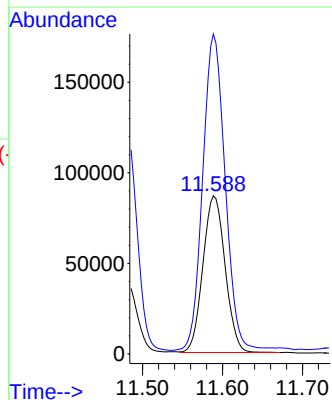
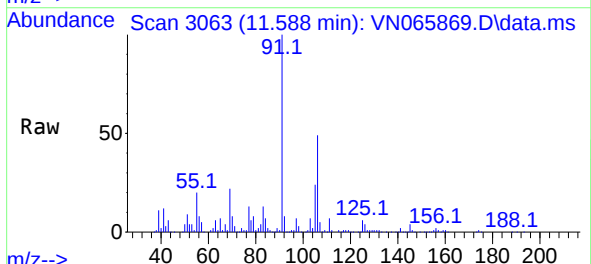
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-3-SOILME

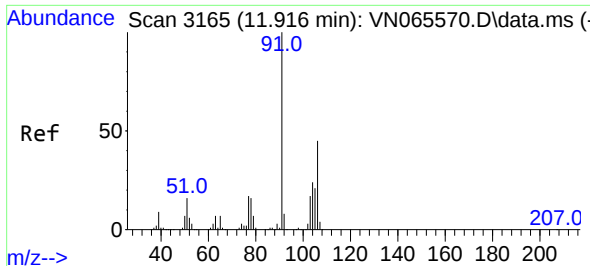
Tgt Ion: 91 Resp: 205540
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 42.56 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065869.D
Acq: 15 Feb 2021 14:31

Tgt Ion: 106 Resp: 167390
Ion Ratio Lower Upper
106 100
91 204.7 161.4 242.0

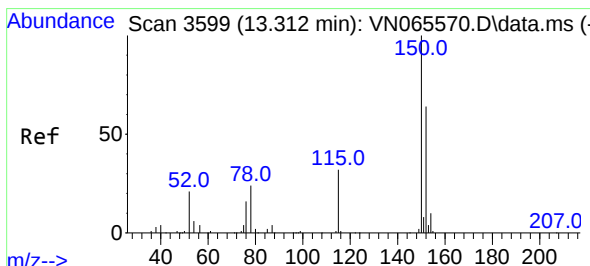
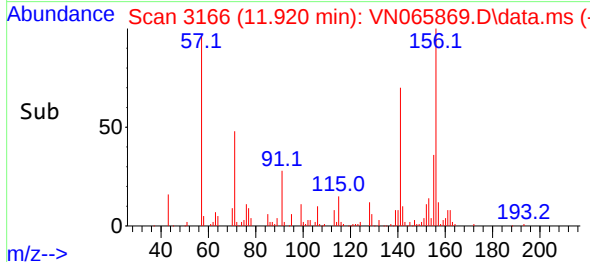
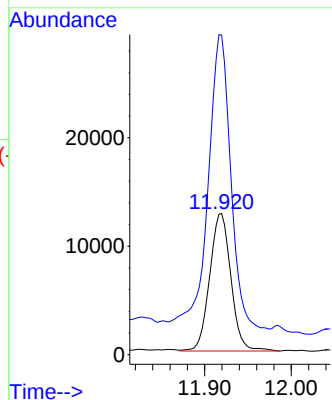
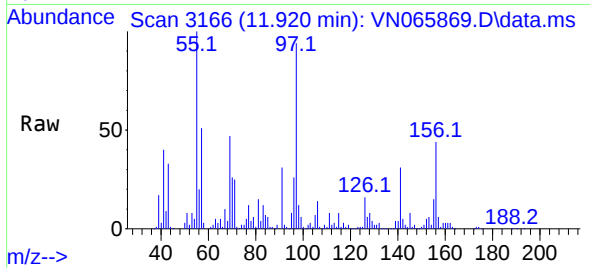




#69
o-Xylene
Concen: 5.66 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.004 min
Lab File: VN065869.D
Acq: 15 Feb 2021 14:31

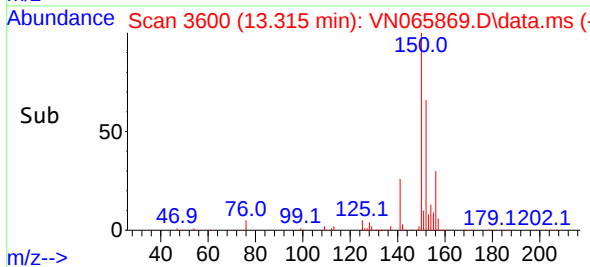
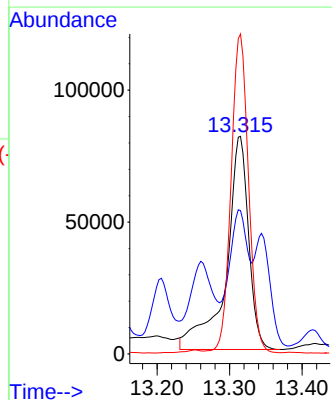
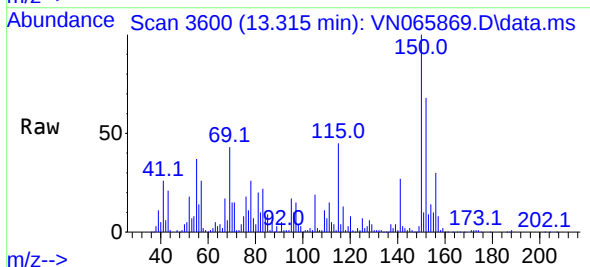
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-3-SOILME

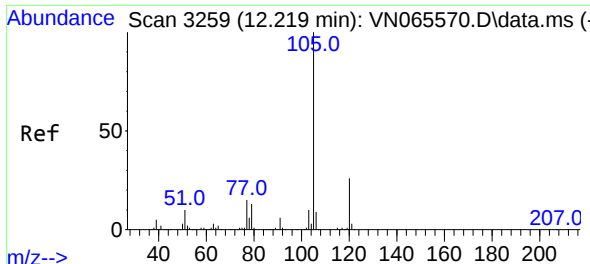
Tgt Ion:106 Resp: 21557
Ion Ratio Lower Upper
106 100
91 232.4 106.8 320.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065869.D
Acq: 15 Feb 2021 14:31

Tgt Ion:152 Resp: 173557
Ion Ratio Lower Upper
152 100
115 52.1 28.5 85.6
150 116.1 0.0 347.6

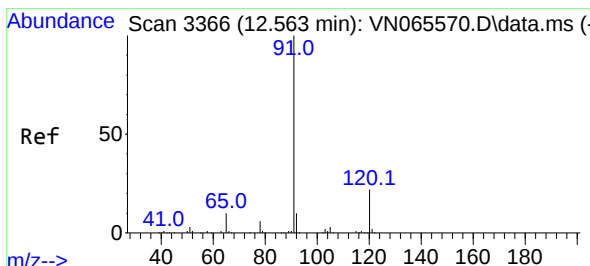
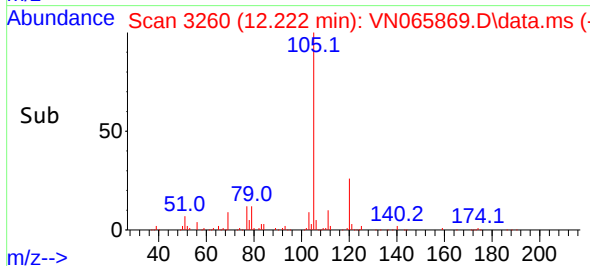
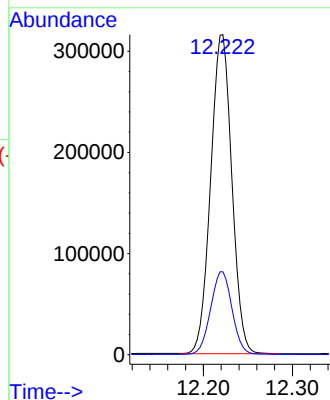
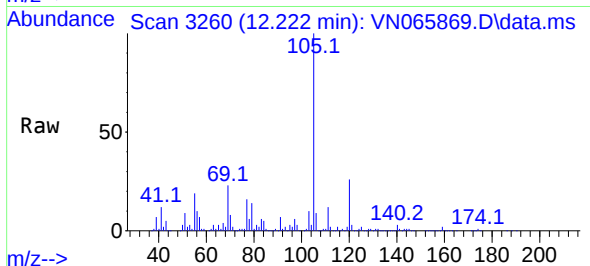




#73
Isopropylbenzene
Concen: 34.24 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. 0.003 min
Lab File: VN065869.D
Acq: 15 Feb 2021 14:31

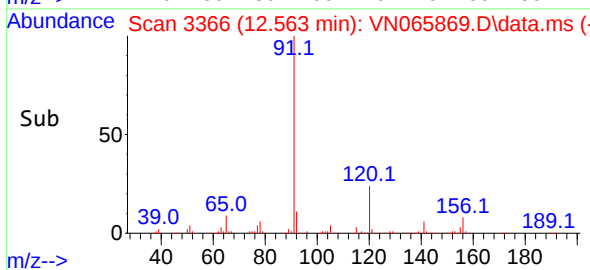
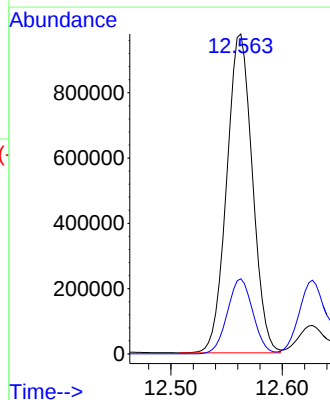
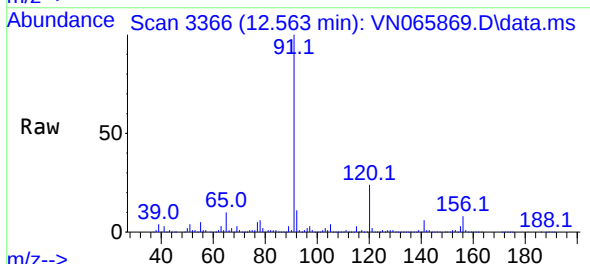
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-3-SOILME

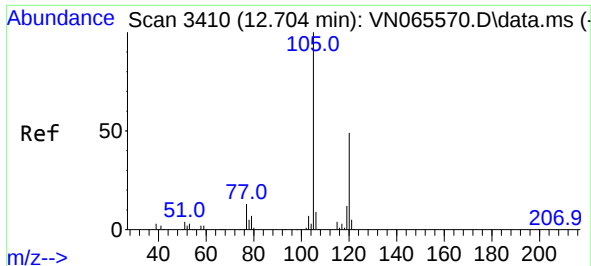
Tgt Ion:105 Resp: 520268
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#78
n-propylbenzene
Concen: 87.46 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065869.D
Acq: 15 Feb 2021 14:31

Tgt Ion: 91 Resp: 1566234
Ion Ratio Lower Upper
91 100
120 23.3 11.8 35.3

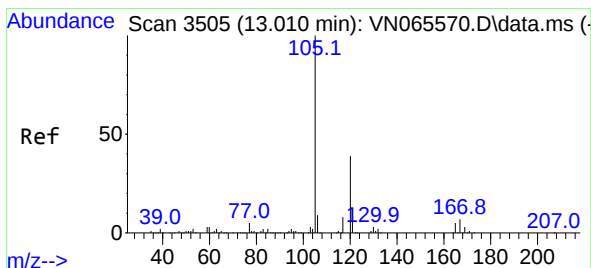
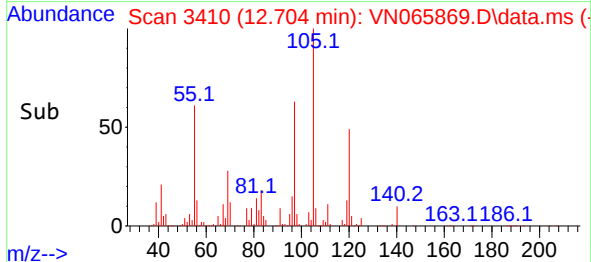
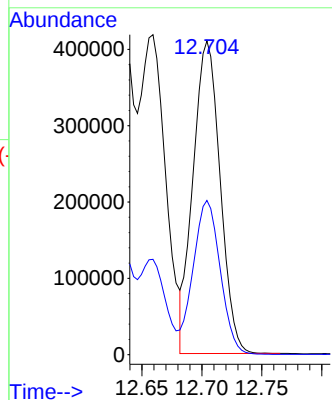
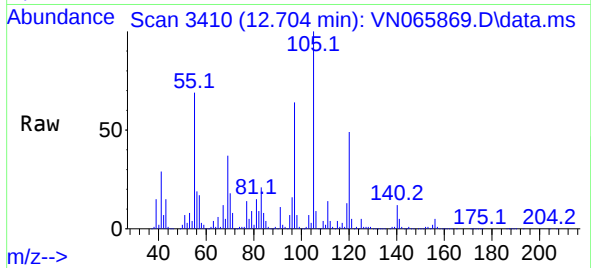




#80
1,3,5-Trimethylbenzene
Concen: 49.60 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065869.D
Acq: 15 Feb 2021 14:31

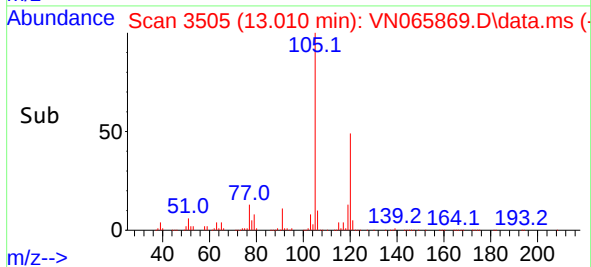
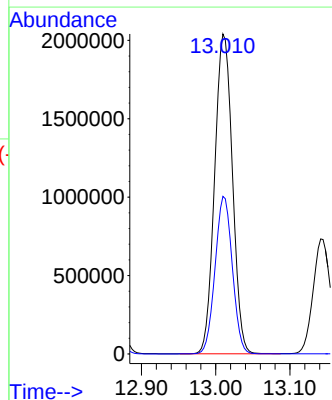
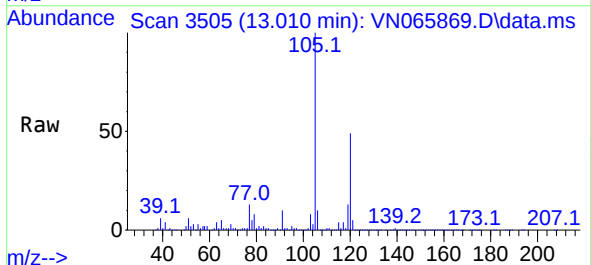
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-3-SOILME

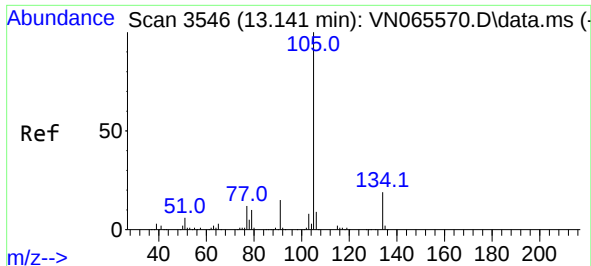
Tgt Ion:105 Resp: 641744
Ion Ratio Lower Upper
105 100
120 49.9 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 262.87 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065869.D
Acq: 15 Feb 2021 14:31

Tgt Ion:105 Resp: 3392334
Ion Ratio Lower Upper
105 100
120 47.8 22.4 67.0

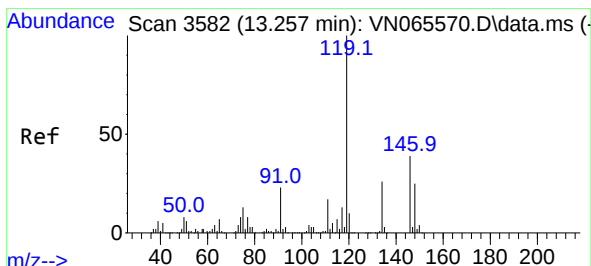
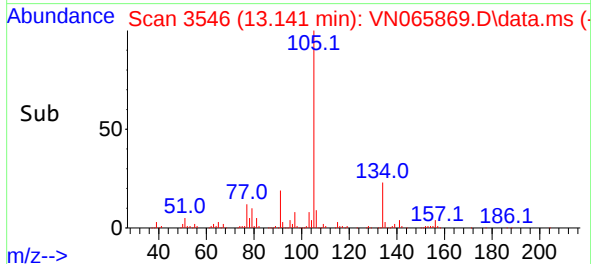
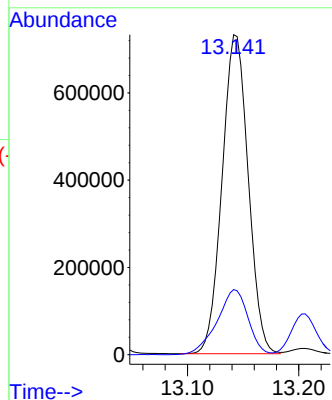
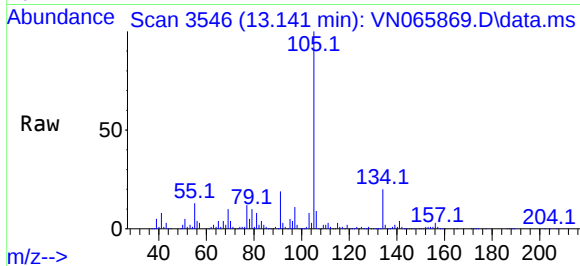




#85
 sec-Butylbenzene
 Concen: 81.86 ug/l
 RT: 13.141 min Scan# 3546
 Delta R.T. 0.000 min
 Lab File: VN065869.D
 Acq: 15 Feb 2021 14:31

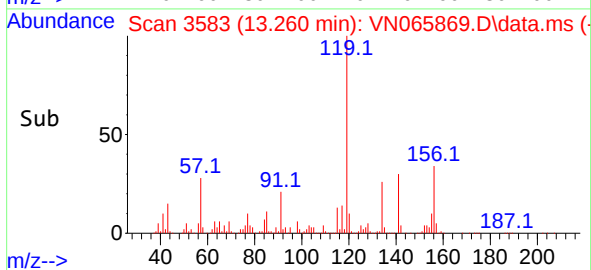
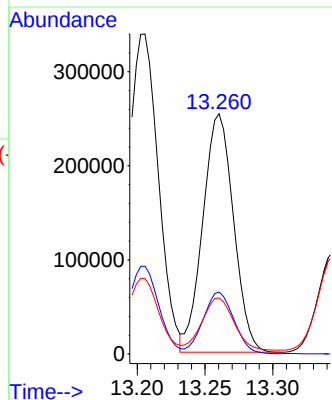
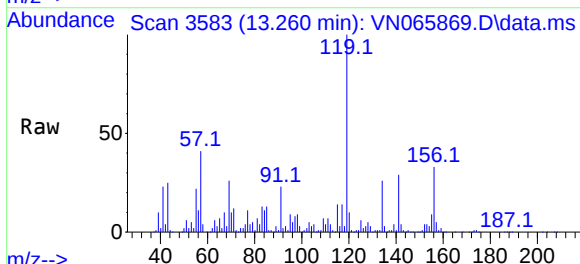
Instrument :
 MSVOA_N
 ClientSampleId :
 VCP-SS-3-SOILME

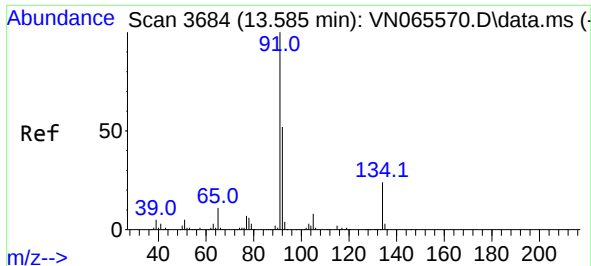
Tgt Ion:105 Resp: 1192371
 Ion Ratio Lower Upper
 105 100
 134 24.4 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 31.08 ug/l
 RT: 13.260 min Scan# 3583
 Delta R.T. 0.003 min
 Lab File: VN065869.D
 Acq: 15 Feb 2021 14:31

Tgt Ion:119 Resp: 399776
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.8
 91 22.5 11.8 35.3

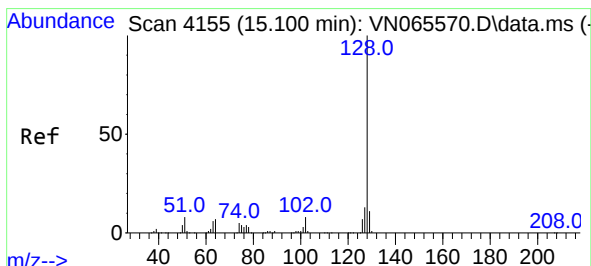
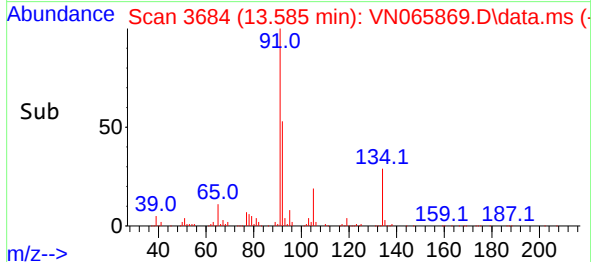
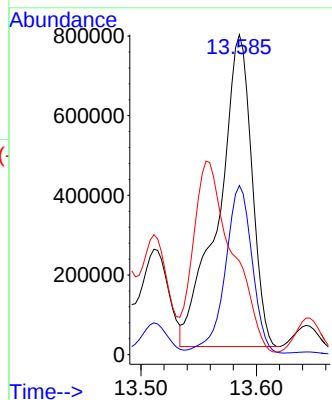
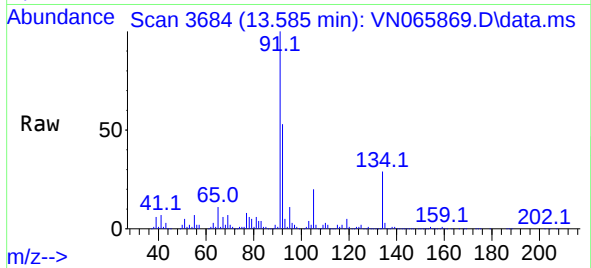




#89
n-Butylbenzene
Concen: 134.68 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065869.D
Acq: 15 Feb 2021 14:31

Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-3-SOILME

Tgt Ion: 91 Resp: 1556085
Ion Ratio Lower Upper
91 100
92 44.1 26.1 78.3
134 0.0 13.0 38.9#



#95
Naphthalene
Concen: 71.92 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065869.D
Acq: 15 Feb 2021 14:31

Tgt Ion:128 Resp: 826932
Ion Ratio Lower Upper
128 100
127 14.8 10.2 15.2
129 15.6 8.6 13.0#

