

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065858.D
 Acq On : 12 Feb 2021 23:43
 Operator : JC/MD
 Sample : M1398-02ME 10X
 Misc : 7.79g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VCP-SS-2-SOIL

Quant Time: Feb 13 03:38:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

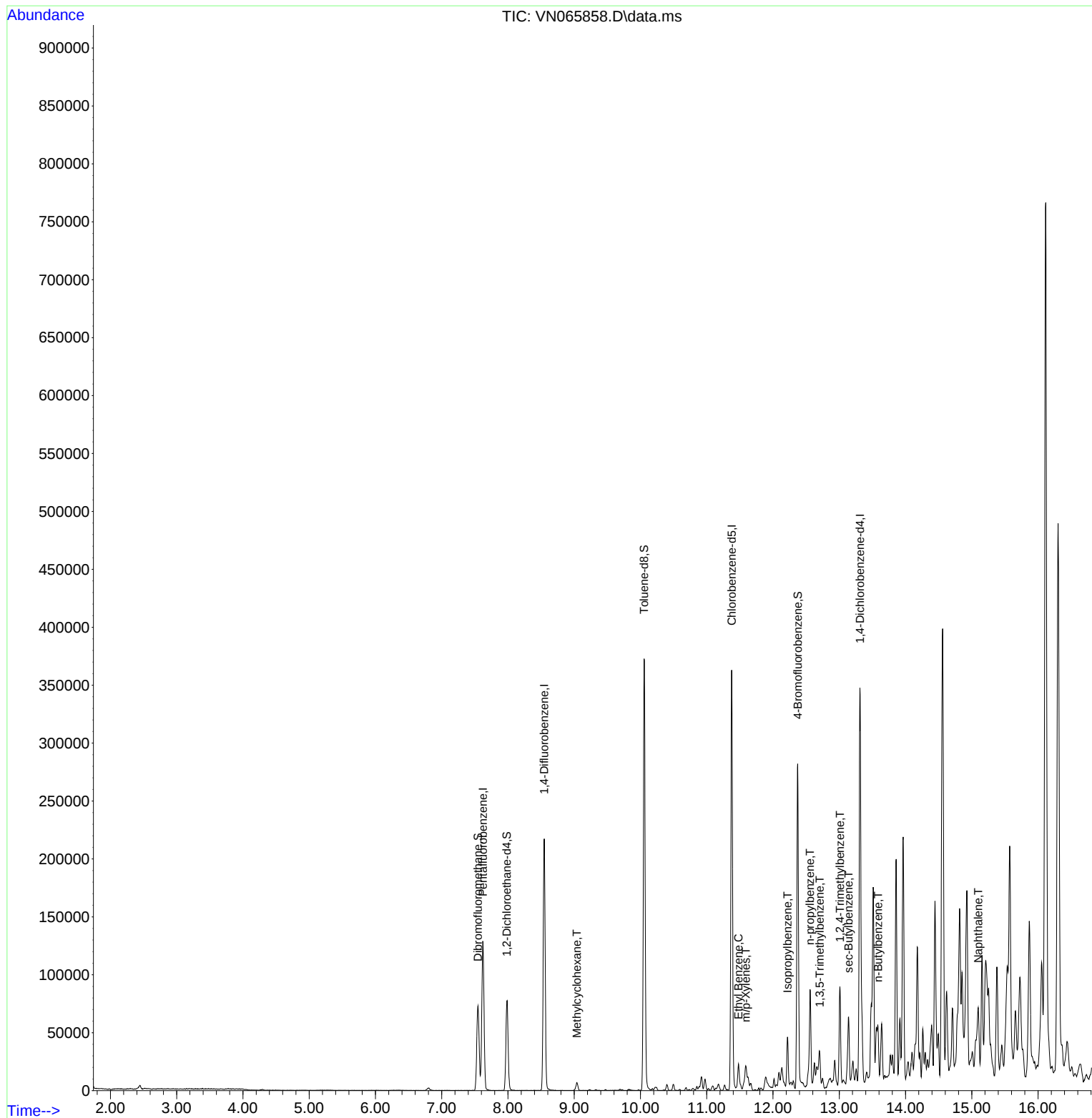
Internal Standards						
1) Pentafluorobenzene	7.621	168	112077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	212381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	224788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	100662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	66329	44.99	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.98%		
35) Dibromofluoromethane	7.547	113	60640	48.18	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.36%		
50) Toluene-d8	10.055	98	275456	55.68	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	111.36%		
62) 4-Bromofluorobenzene	12.373	95	112300	63.04	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	126.08%		
Target Compounds						Qvalue
39) Methylcyclohexane	9.039	83	3321	1.27	ug/l	97
67) Ethyl Benzene	11.479	91	16278	1.84	ug/l	96
68) m/p-Xylenes	11.592	106	7115	2.22	ug/l	93
73) Isopropylbenzene	12.219	105	30372	3.45	ug/l	99
78) n-propylbenzene	12.560	91	71102	6.85	ug/l	100
80) 1,3,5-Trimethylbenzene	12.704	105	10849	1.45	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	50240	6.71	ug/l	99
85) sec-Butylbenzene	13.142	105	40528	4.80	ug/l	90
89) n-Butylbenzene	13.585	91	32218	4.81	ug/l #	78
95) Naphthalene	15.097	128	41777	9.42	ug/l #	94

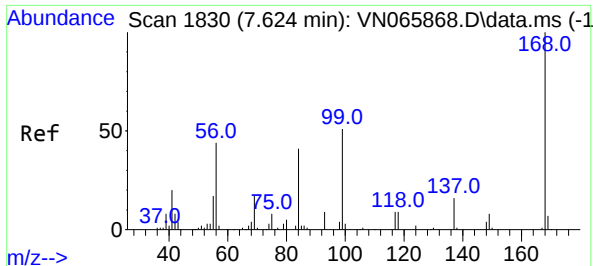
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
Data File : VN065858.D
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MSVOA_N
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VCP-SS-2-SOIL

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration

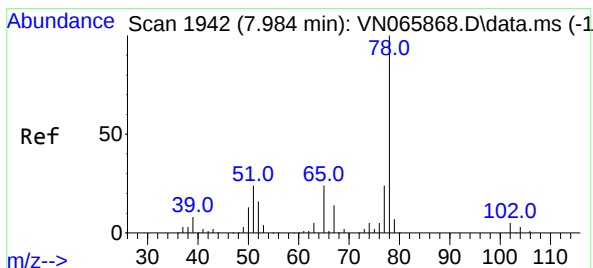
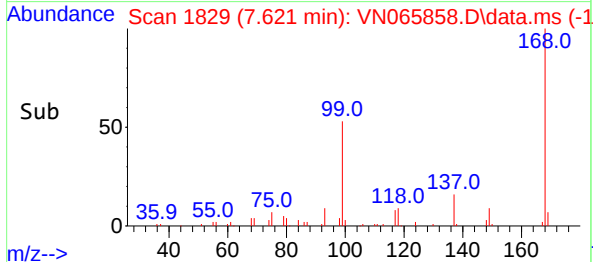
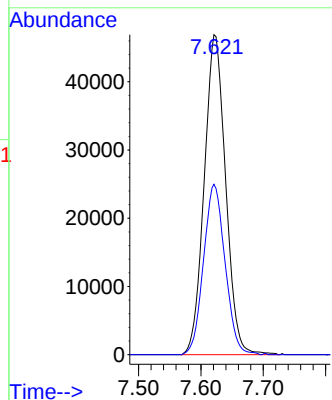
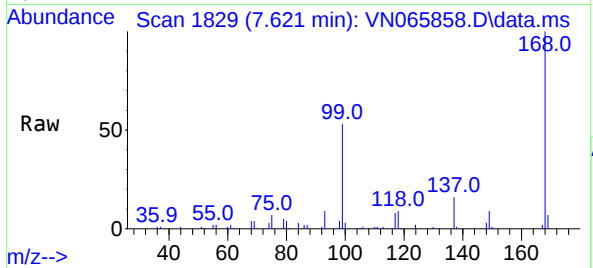




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

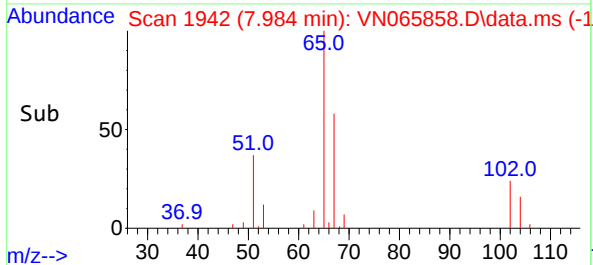
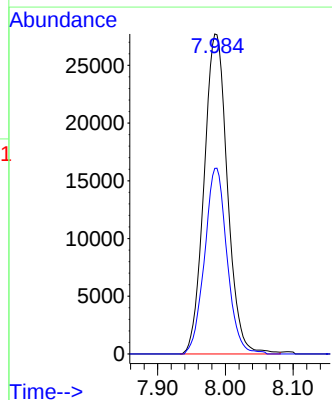
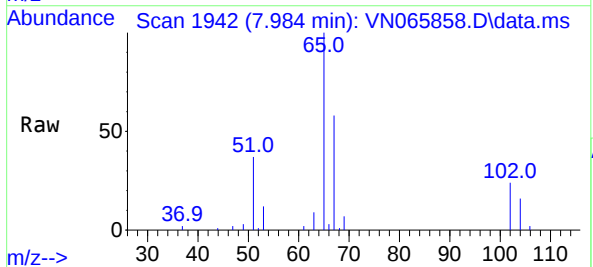
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-2-SOIL

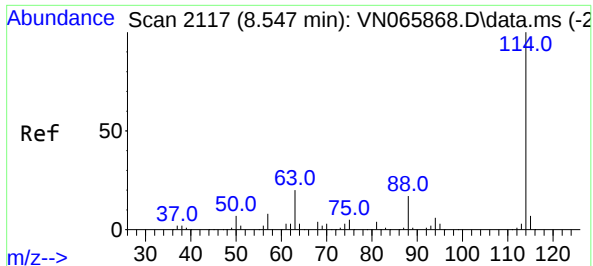
Tgt Ion:168 Resp: 112077
Ion Ratio Lower Upper
168 100
99 53.2 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 44.99 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

Tgt Ion: 65 Resp: 66329
Ion Ratio Lower Upper
65 100
67 55.8 0.0 107.2



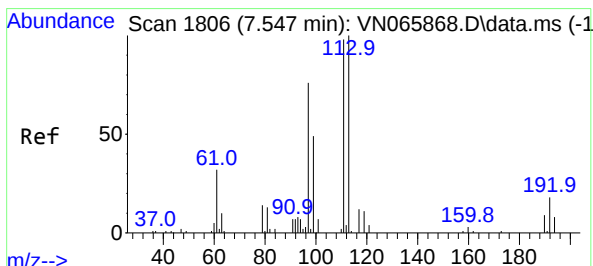
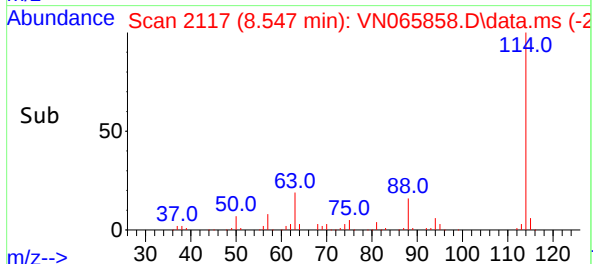
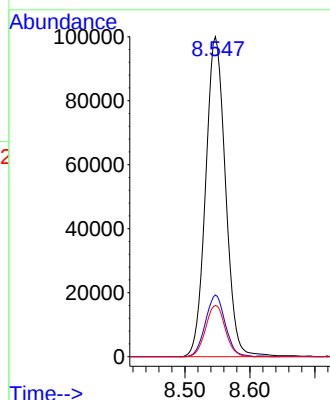
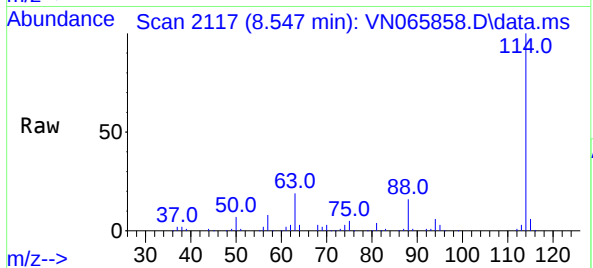


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-2-SOIL

Tgt Ion:114 Resp: 212381

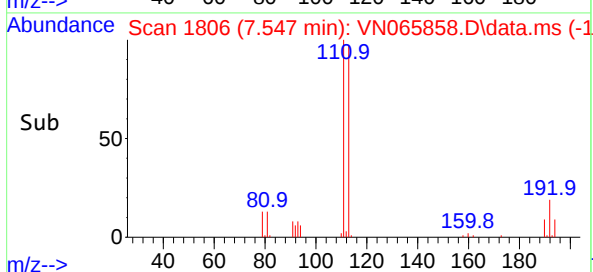
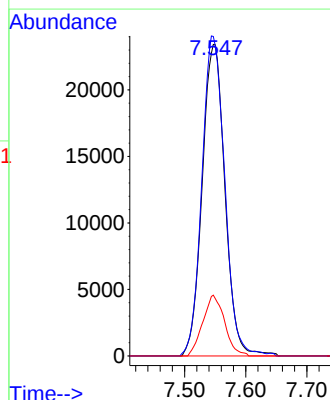
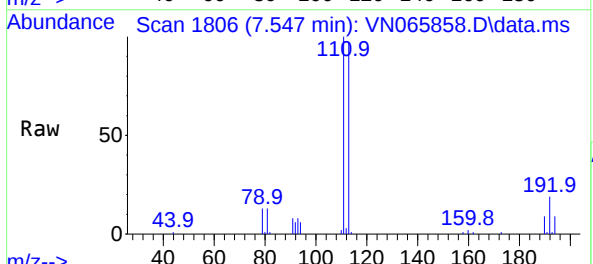
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	16.0	0.0	30.6

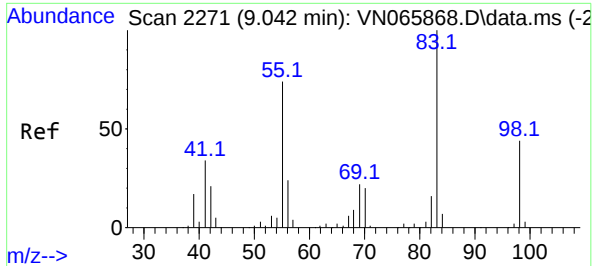


#35
Dibromofluoromethane
Concen: 48.18 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

Tgt Ion:113 Resp: 60640

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	18.7	15.4	23.0

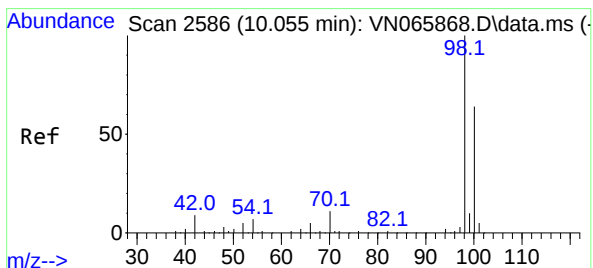
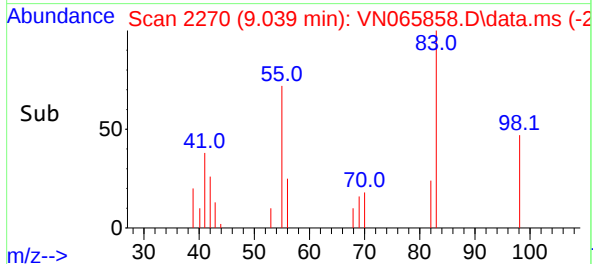
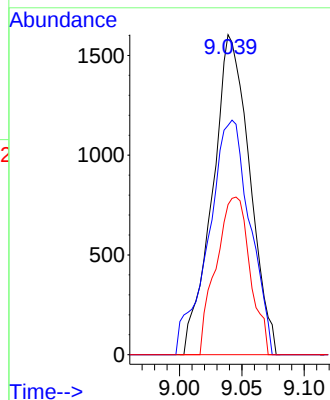
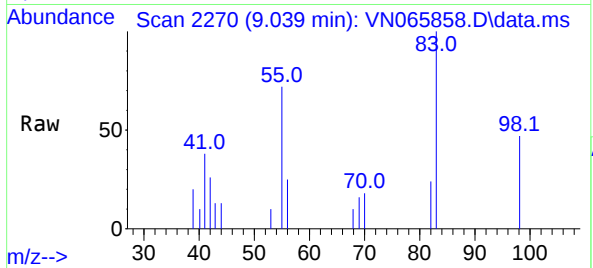




#39
Methylcyclohexane
Concen: 1.27 ug/l
RT: 9.039 min Scan# 2270
Delta R.T. -0.003 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

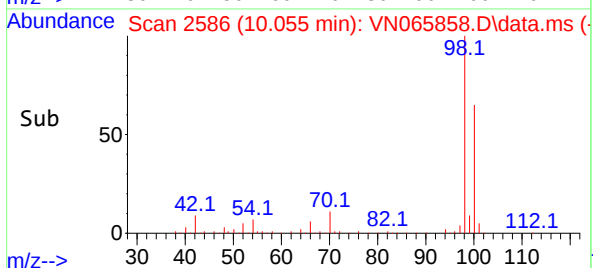
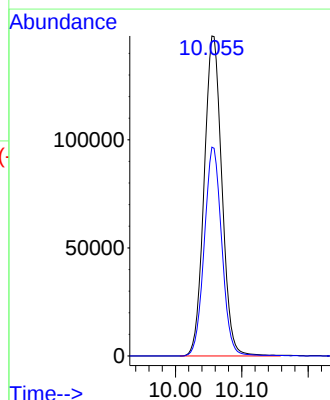
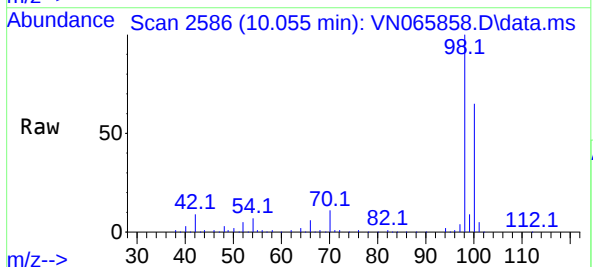
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-2-SOIL

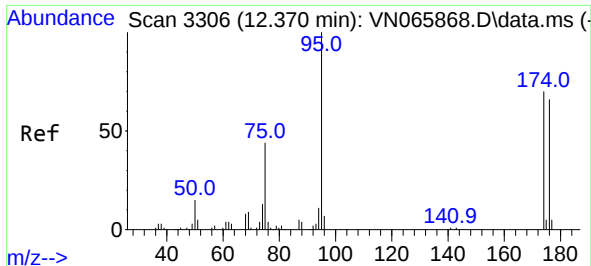
Tgt Ion: 83	Resp: 3321
Ion Ratio	Lower Upper
83 100	
55 71.6	58.9 88.3
98 46.9	35.9 53.9



#50
Toluene-d8
Concen: 55.68 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

Tgt Ion: 98	Resp: 275456
Ion Ratio	Lower Upper
98 100	
100 64.1	50.5 75.7

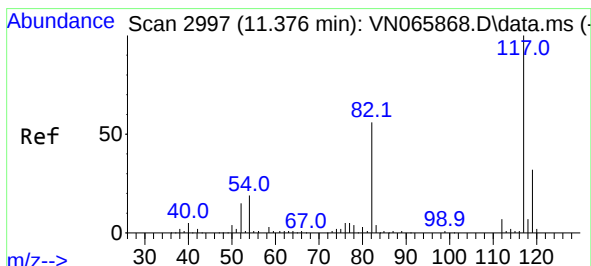
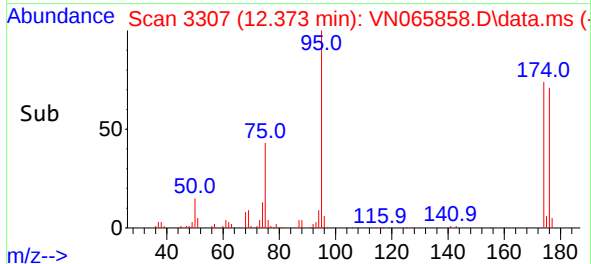
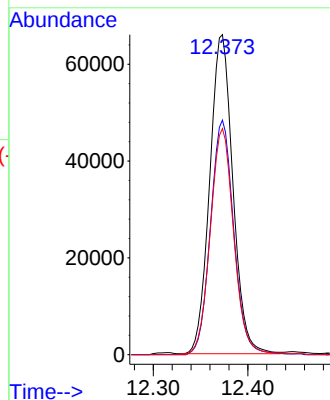
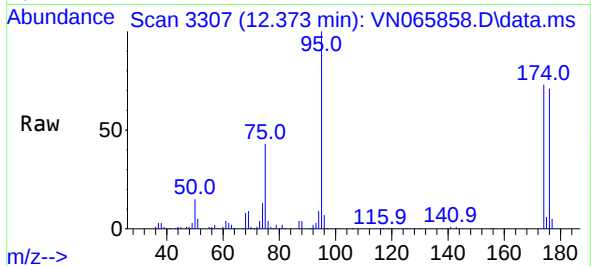




#62
4-Bromofluorobenzene
Concen: 63.04 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

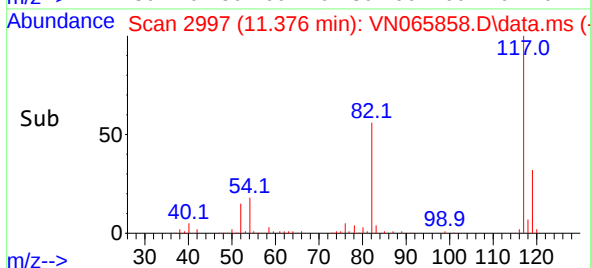
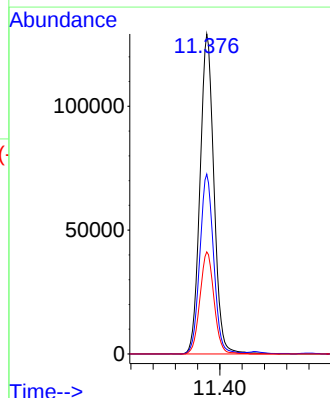
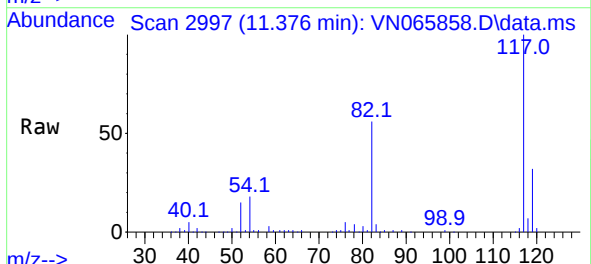
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-2-SOIL

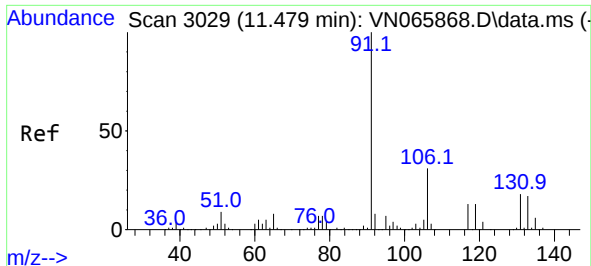
Tgt Ion: 95 Resp: 112300
Ion Ratio Lower Upper
95 100
174 73.7 0.0 169.0
176 71.6 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

Tgt Ion: 117 Resp: 224788
Ion Ratio Lower Upper
117 100
82 56.2 43.7 65.5
119 31.9 26.1 39.1

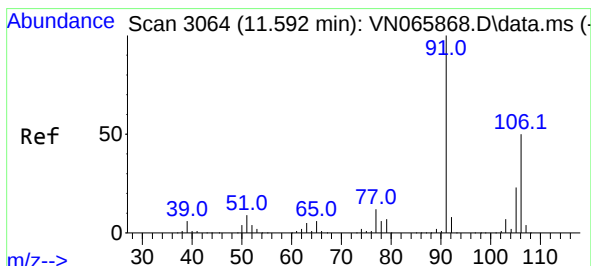
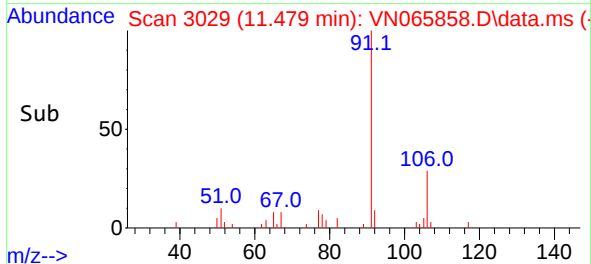
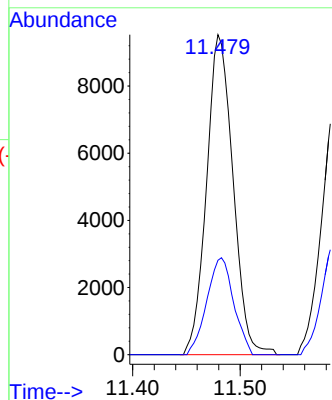
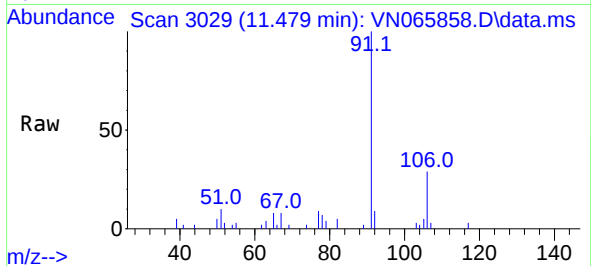




#67
Ethyl Benzene
Concen: 1.84 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

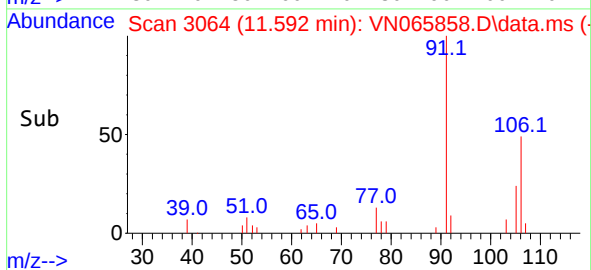
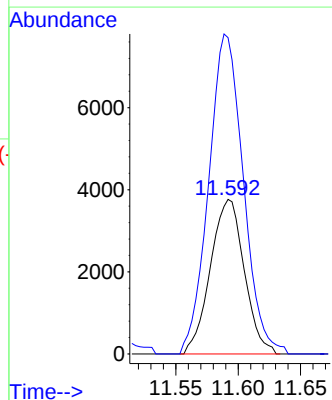
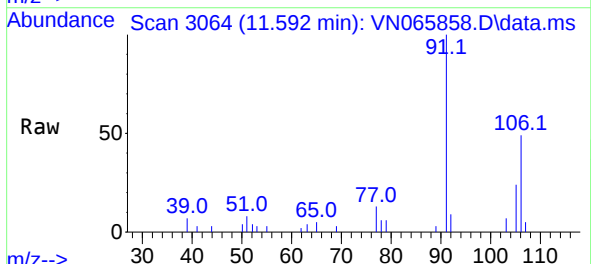
Instrument :
MSVOA_N
ClientSampleId :
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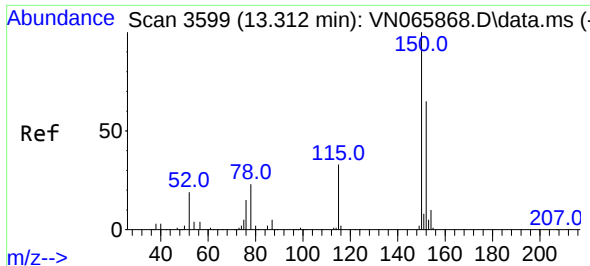
Tgt Ion: 91 Resp: 16278
Ion Ratio Lower Upper
91 100
106 29.5 25.5 38.3



#68
m/p-Xylenes
Concen: 2.22 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

Tgt Ion:106 Resp: 7115
Ion Ratio Lower Upper
106 100
91 211.8 161.4 242.0

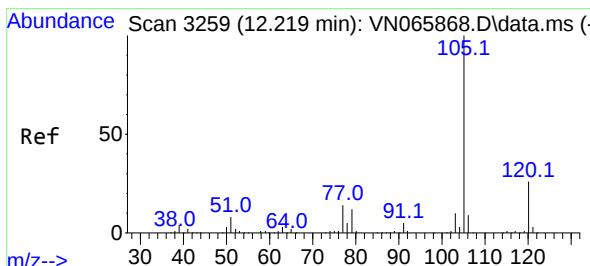
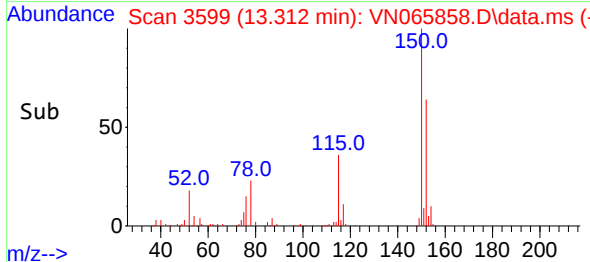
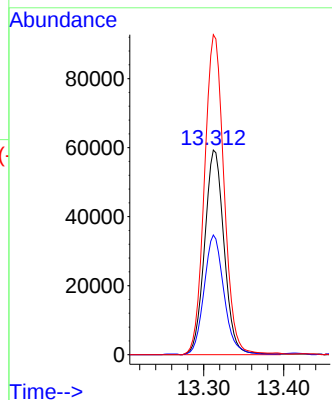
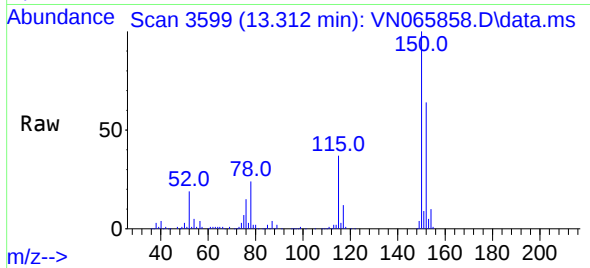




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. 0.000 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

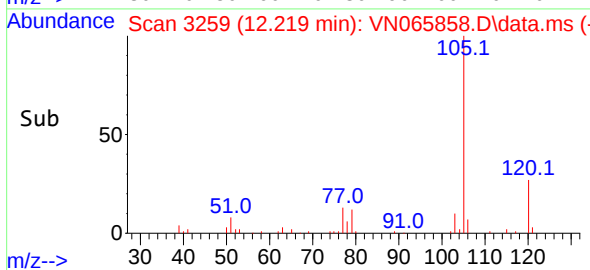
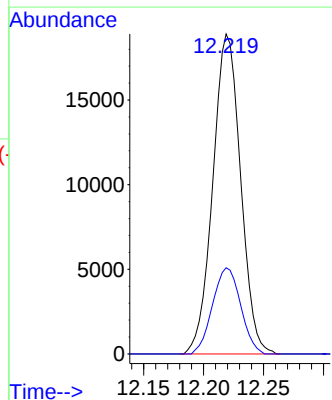
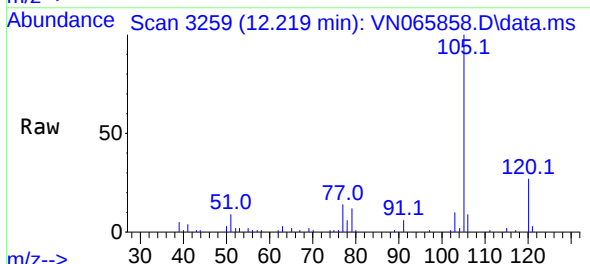
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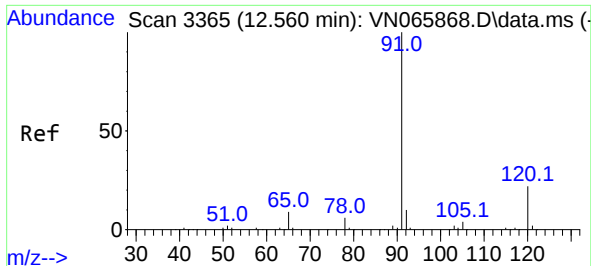
Tgt Ion:152 Resp: 100662
Ion Ratio Lower Upper
152 100
115 59.9 28.5 85.6
150 156.9 0.0 347.6



#73
Isopropylbenzene
Concen: 3.45 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

Tgt Ion:105 Resp: 30372
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9

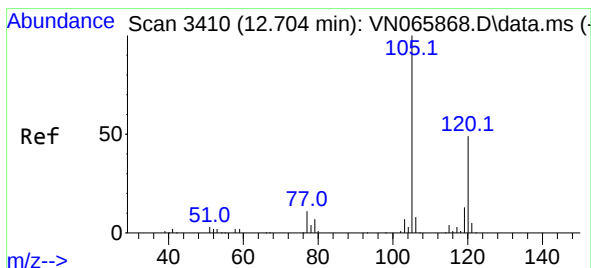
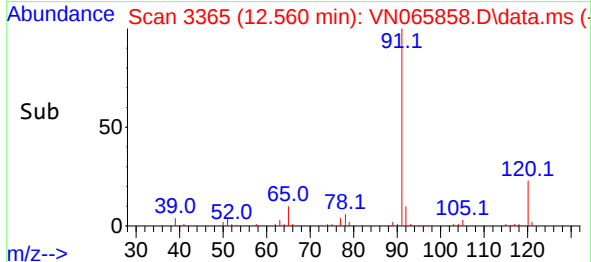
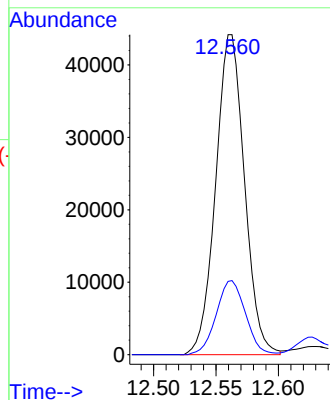
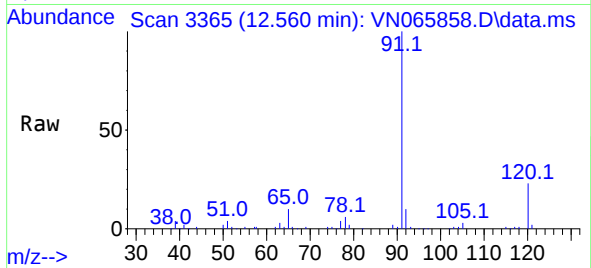




#78
n-propylbenzene
Concen: 6.85 ug/l
RT: 12.560 min Scan# 3365
Delta R.T. -0.003 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

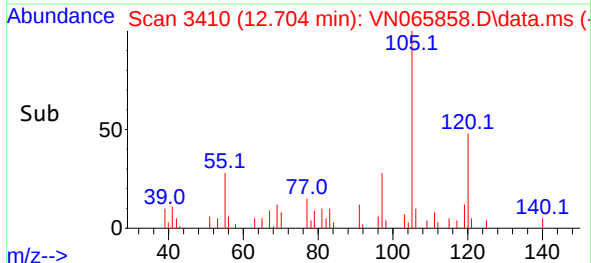
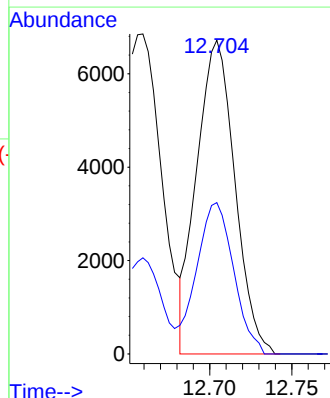
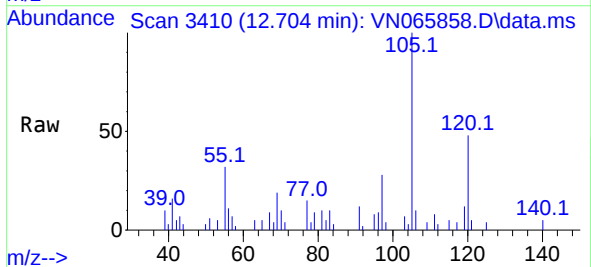
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-2-SOIL

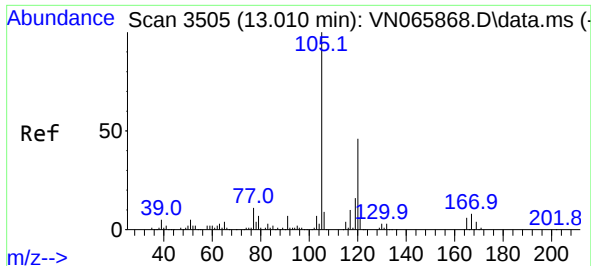
Tgt Ion: 91 Resp: 71102
Ion Ratio Lower Upper
91 100
120 23.5 11.8 35.3



#80
1,3,5-Trimethylbenzene
Concen: 1.45 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

Tgt Ion: 105 Resp: 10849
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.8

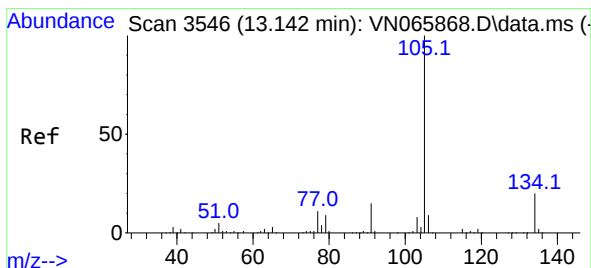
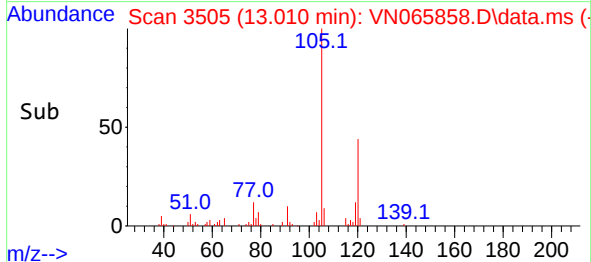
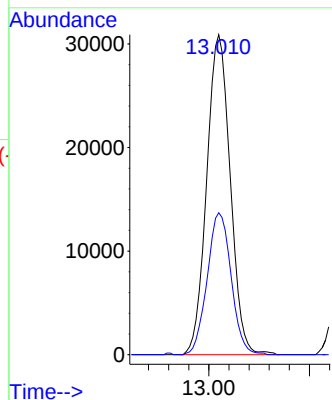
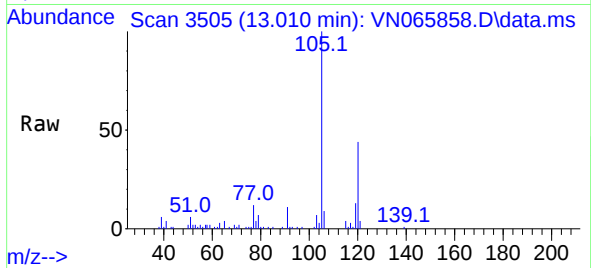




#84
1,2,4-Trimethylbenzene
Concen: 6.71 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

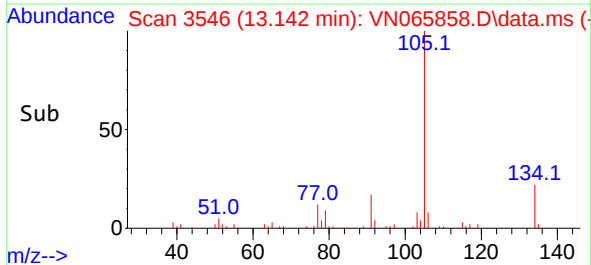
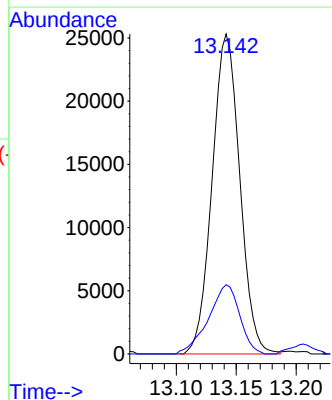
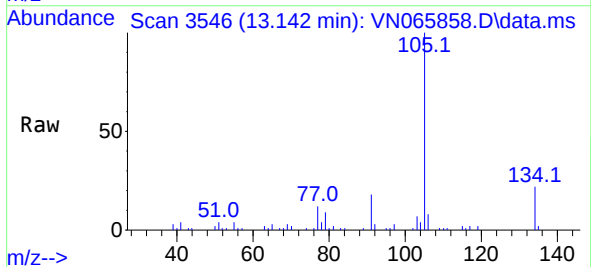
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-2-SOIL

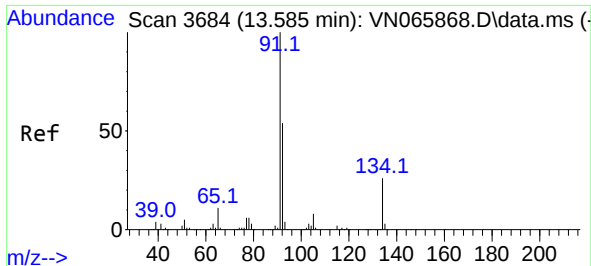
Tgt Ion:105 Resp: 50240
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.0



#85
sec-Butylbenzene
Concen: 4.80 ug/l
RT: 13.142 min Scan# 3546
Delta R.T. 0.001 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

Tgt Ion:105 Resp: 40528
Ion Ratio Lower Upper
105 100
134 24.4 10.0 30.0

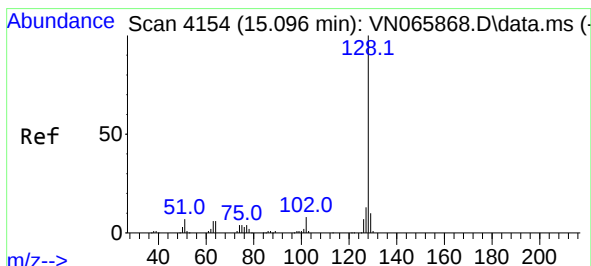
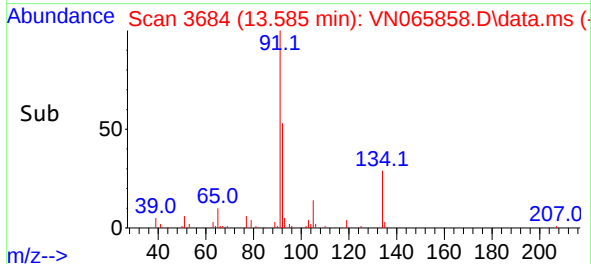
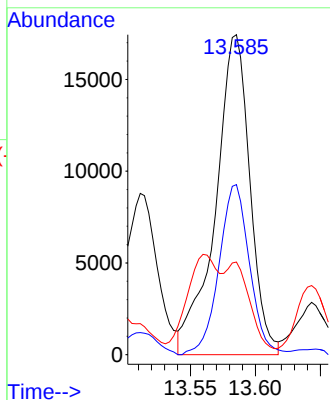
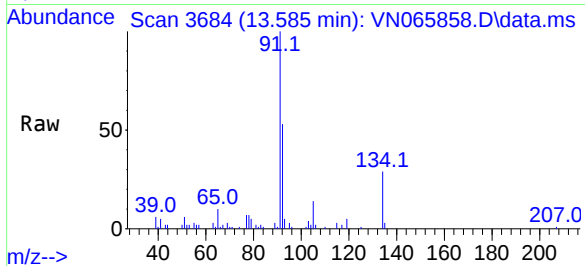




#89
n-Butylbenzene
Concen: 4.81 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-2-SOIL

Tgt Ion:	91	Resp:	32218
Ion	Ratio	Lower	Upper
91	100		
92	47.0	26.1	78.3
134	0.0	13.0	38.9#



#95
Naphthalene
Concen: 9.42 ug/l
RT: 15.097 min Scan# 4154
Delta R.T. -0.003 min
Lab File: VN065858.D
Acq: 12 Feb 2021 23:43

Tgt Ion:	128	Resp:	41777
Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.2	15.2#
129	8.8	8.6	13.0

