

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021521\
 Data File : VN065868.D
 Acq On : 15 Feb 2021 14:07
 Operator : JC/MD
 Sample : M1398-02ME
 Misc : 7.79g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 15 14:33:26 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)

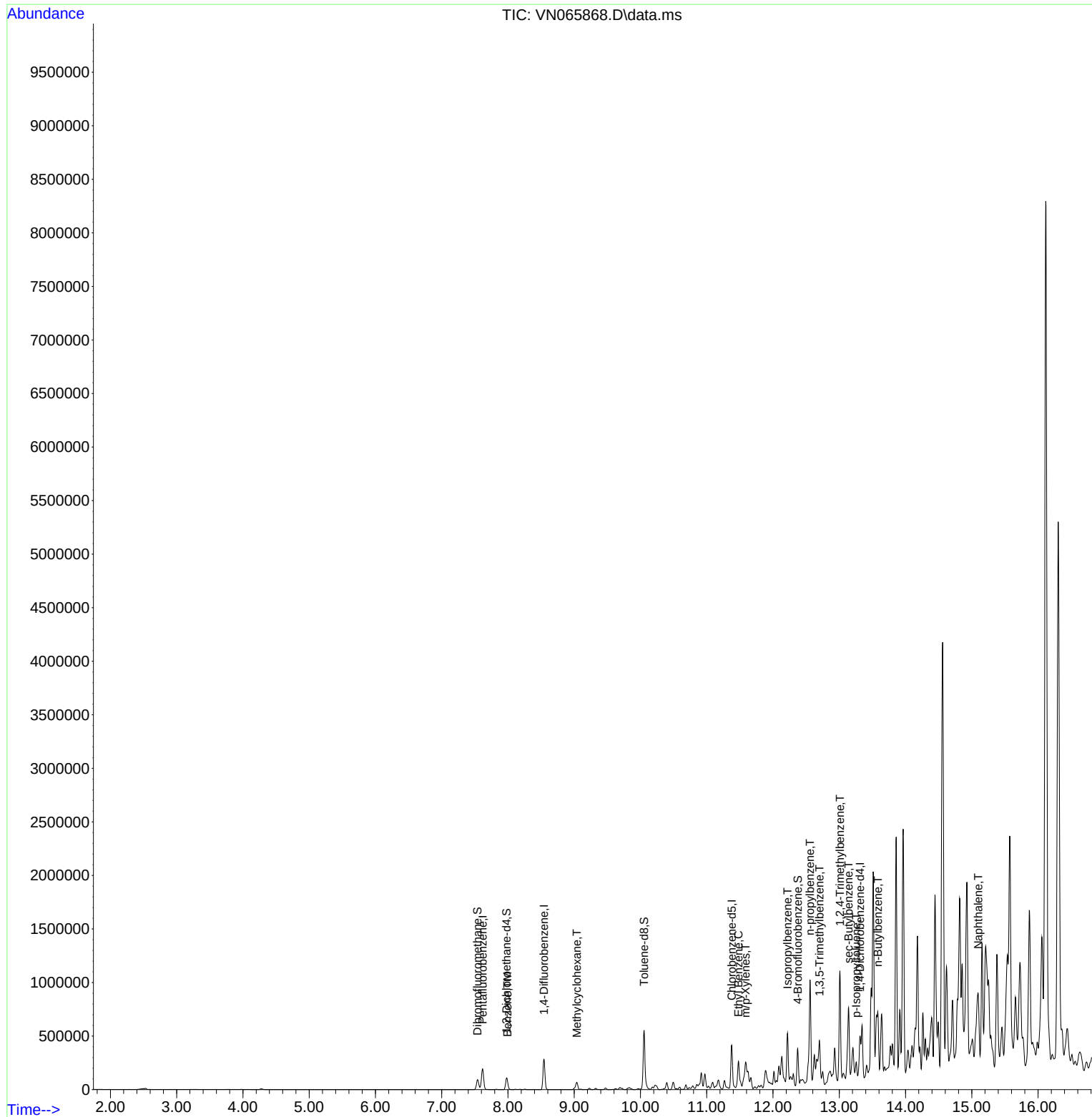
Internal Standards						
1) Pentafluorobenzene	7.618	168	166315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	272942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	255602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	123534	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.981	65	89977	41.12	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	82.24%
35) Dibromofluoromethane	7.540	113	76925	47.56	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.12%
50) Toluene-d8	10.055	98	350335	55.10	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	110.20%
62) 4-Bromofluorobenzene	12.373	95	132529	57.89	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	115.78%
Target Compounds						
						Qvalue
39) Methylcyclohexane	9.039	83	32472	9.69	ug/l	100
40) Benzene	7.994	78	5131	0.61	ug/l #	90
67) Ethyl Benzene	11.479	91	176502	17.57	ug/l	100
68) m/p-Xylenes	11.588	106	80531	22.14	ug/l	98
73) Isopropylbenzene	12.219	105	329868	30.50	ug/l	100
78) n-propylbenzene	12.560	91	820282	64.35	ug/l	99
80) 1,3,5-Trimethylbenzene	12.701	105	108593	11.79	ug/l	96
84) 1,2,4-Trimethylbenzene	13.010	105	591979	64.45	ug/l	100
85) sec-Butylbenzene	13.141	105	461027	44.47	ug/l	91
86) p-Isopropyltoluene	13.257	119	38885	4.25	ug/l	99
89) n-Butylbenzene	13.582	91	389253	47.33	ug/l #	78
95) Naphthalene	15.096	128	446289	55.36	ug/l	100

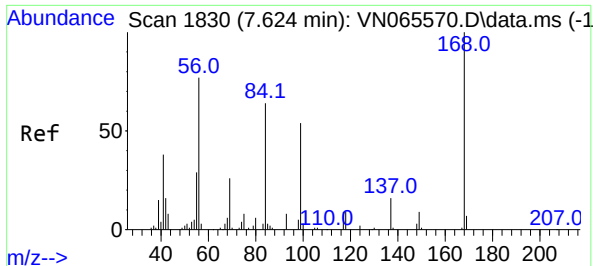
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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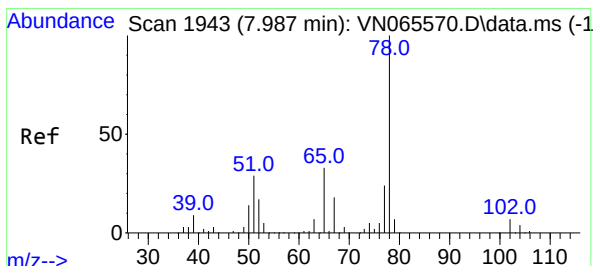
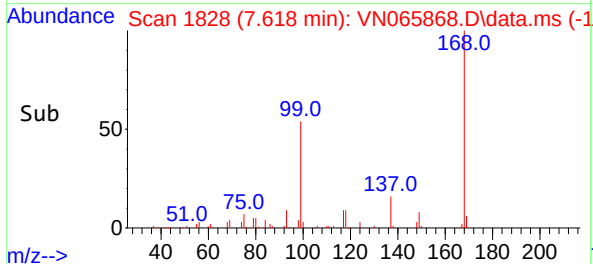
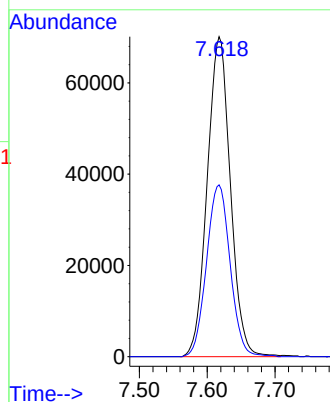
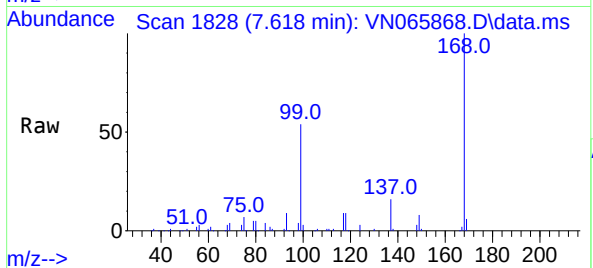




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.006 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

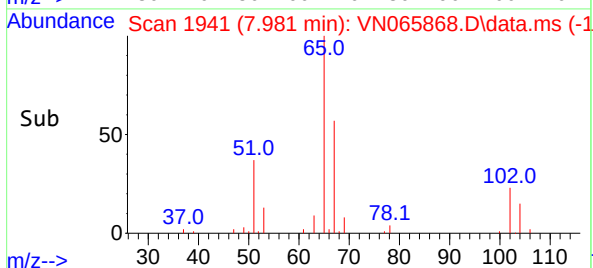
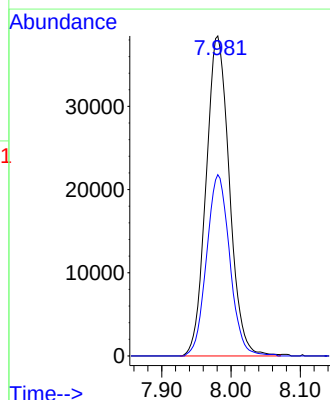
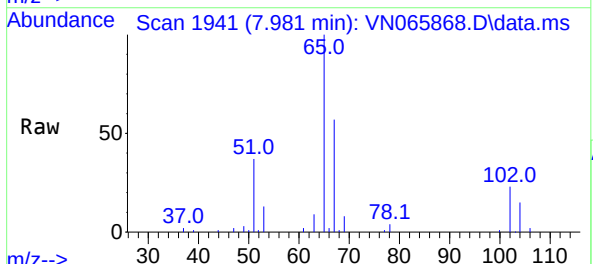
Instrument :
MSVOA_N
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VCP-SS-2-SOILME

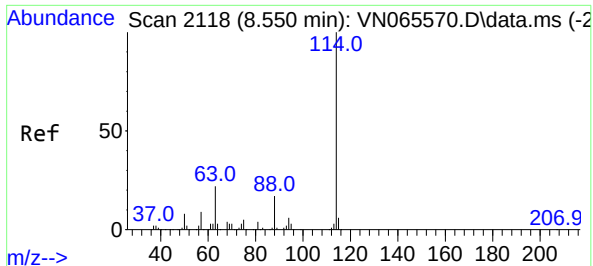
Tgt Ion:168 Resp: 166315
Ion Ratio Lower Upper
168 100
99 53.7 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 41.12 ug/l
RT: 7.981 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

Tgt Ion: 65 Resp: 89977
Ion Ratio Lower Upper
65 100
67 56.2 0.0 107.2





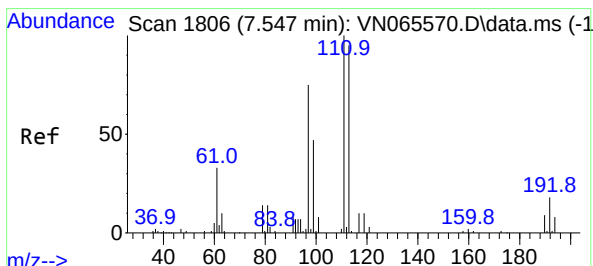
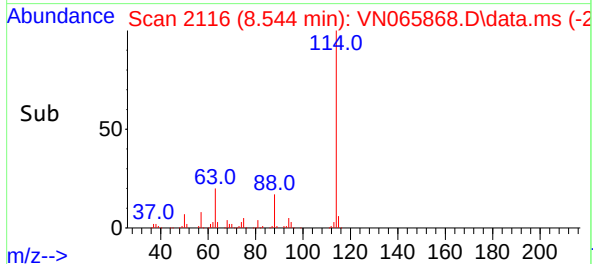
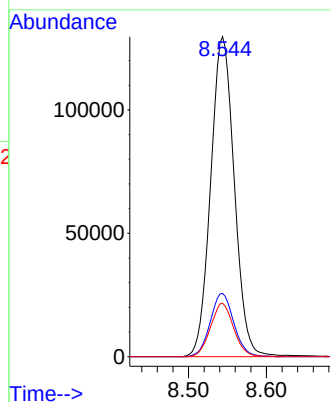
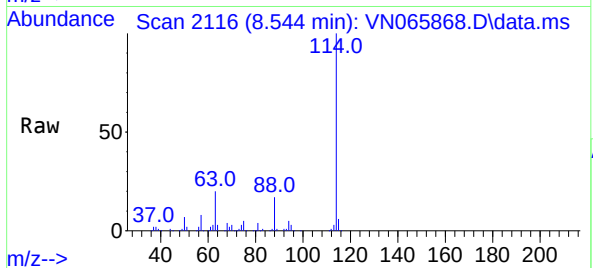
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.544 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

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

Tgt Ion:114 Resp: 272942

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.6
88	16.7	0.0	30.6

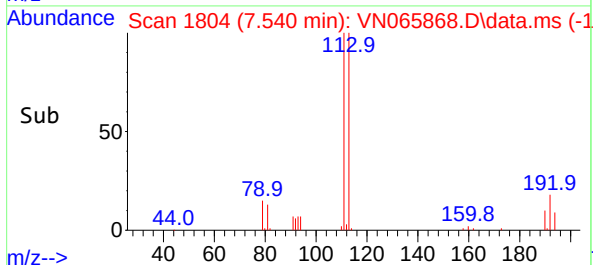
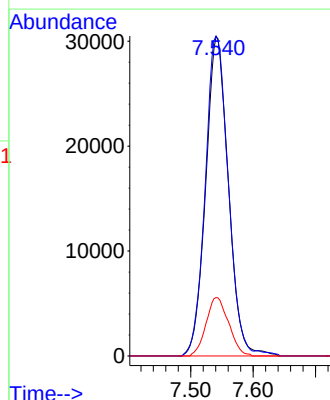
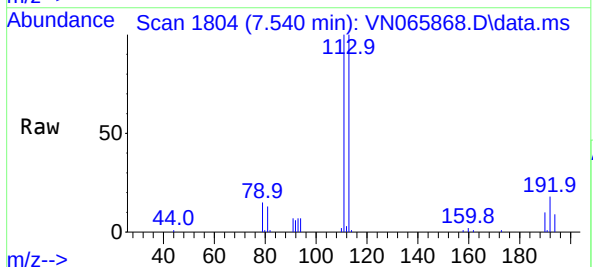


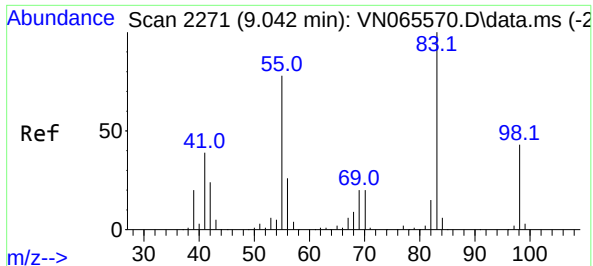
#35

Dibromofluoromethane
Concen: 47.56 ug/l
RT: 7.540 min Scan# 1804
Delta R.T. -0.007 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

Tgt Ion:113 Resp: 76925

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.2
192	18.2	15.4	23.0

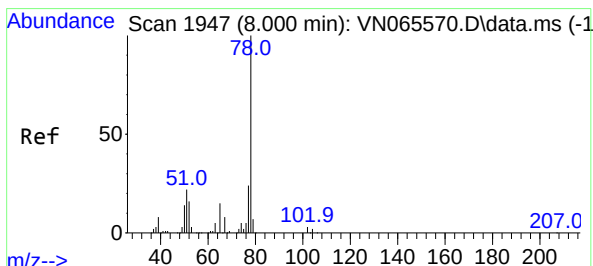
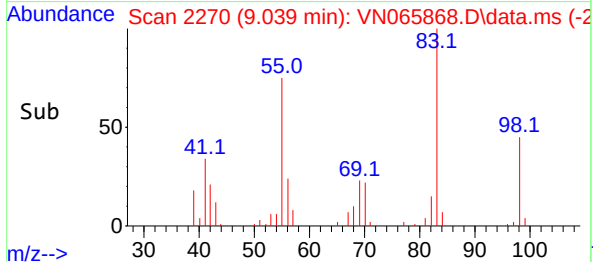
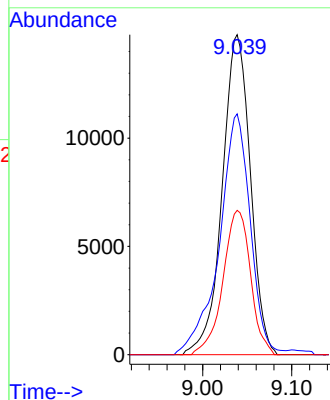
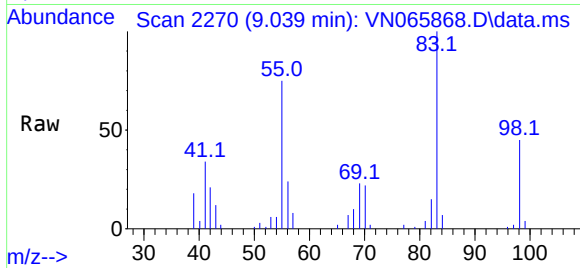




#39
Methylcyclohexane
Concen: 9.69 ug/l
RT: 9.039 min Scan# 2270
Delta R.T. -0.003 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

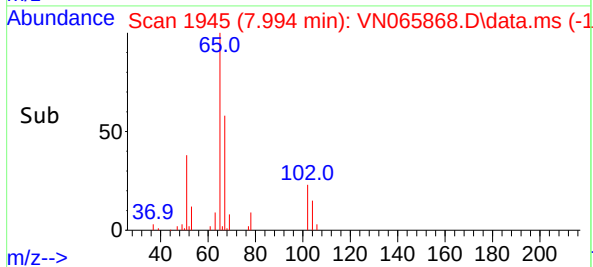
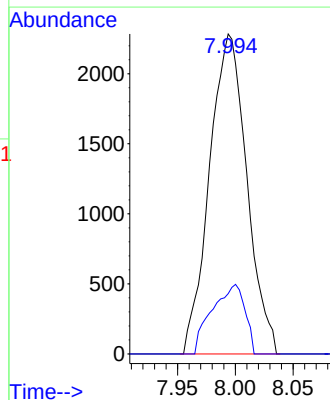
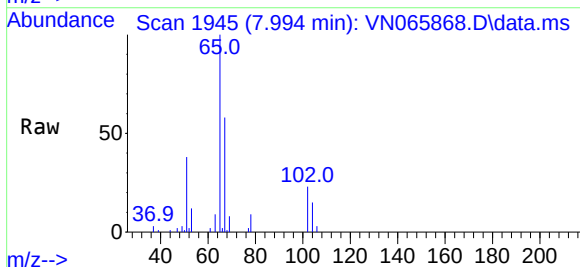
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-2-SOILME

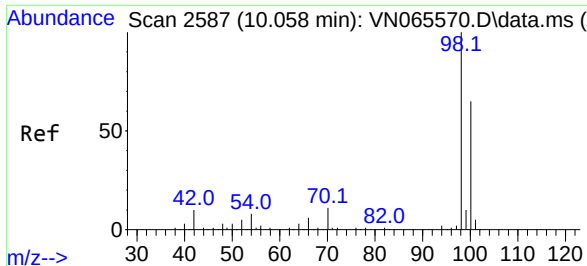
Tgt Ion:	83	Resp:	32472
Ion	Ratio	Lower	Upper
83	100		
55	73.9	58.9	88.3
98	45.1	35.9	53.9



#40
Benzene
Concen: 0.61 ug/l
RT: 7.994 min Scan# 1945
Delta R.T. -0.006 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

Tgt Ion:	78	Resp:	5131
Ion	Ratio	Lower	Upper
78	100		
77	18.8	19.0	28.4#

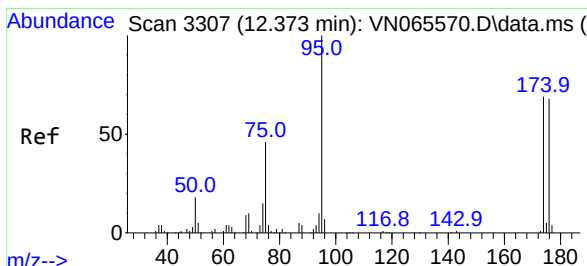
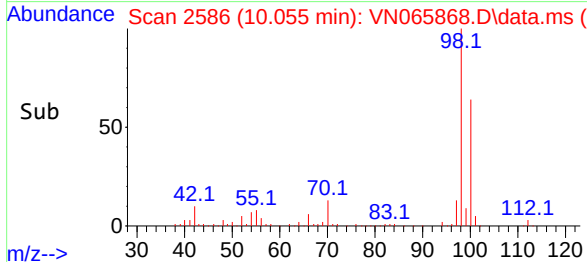
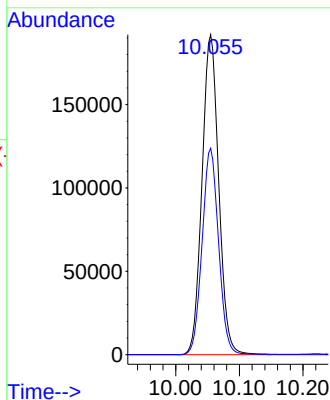
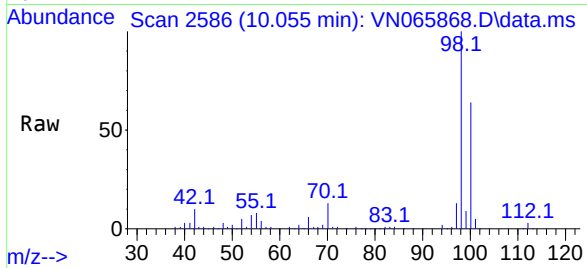




#50
Toluene-d8
Concen: 55.10 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

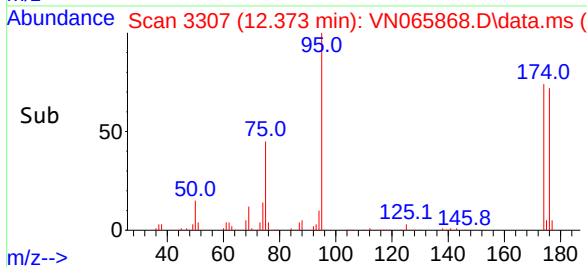
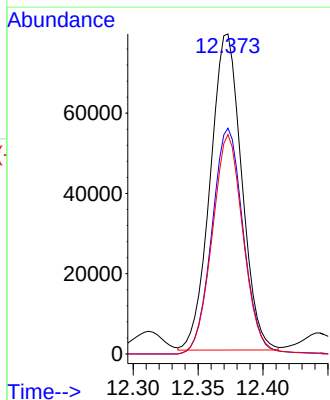
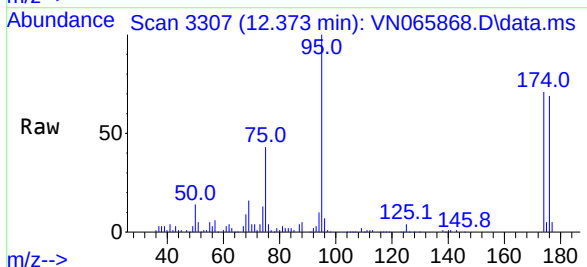
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-2-SOILME

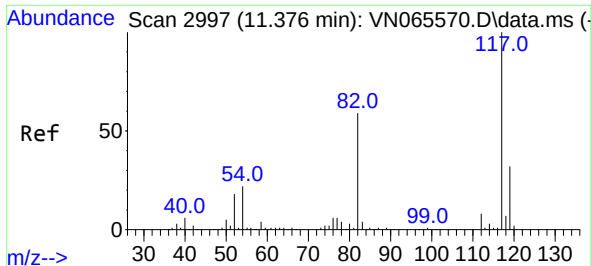
Tgt Ion: 98 Resp: 350335
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 57.89 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

Tgt Ion: 95 Resp: 132529
Ion Ratio Lower Upper
95 100
174 71.7 0.0 169.0
176 68.5 0.0 162.4

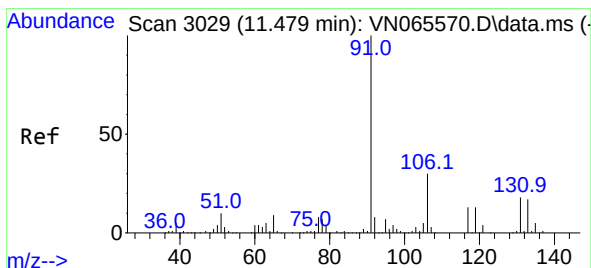
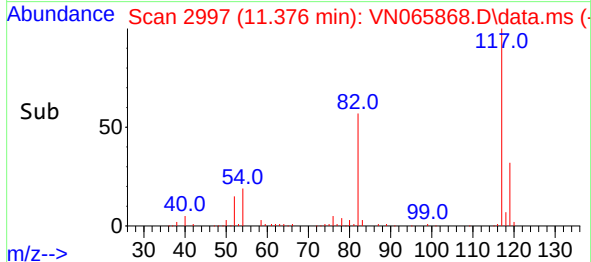
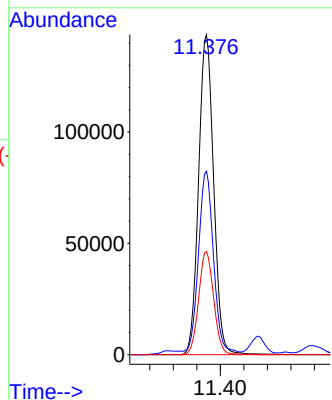
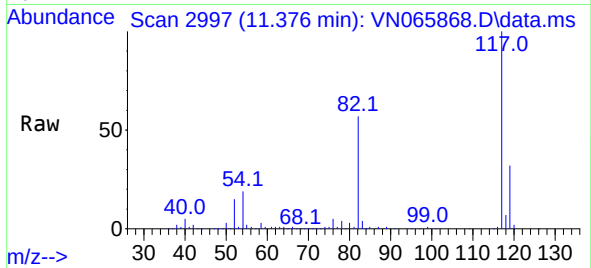




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

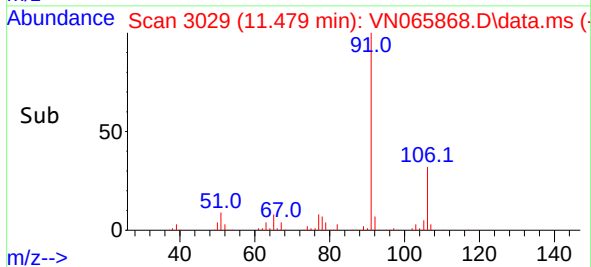
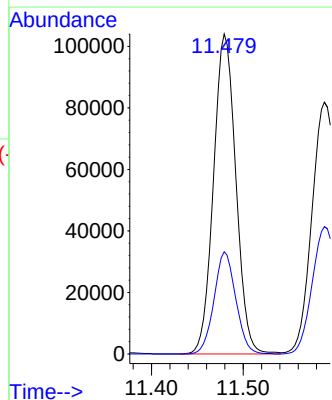
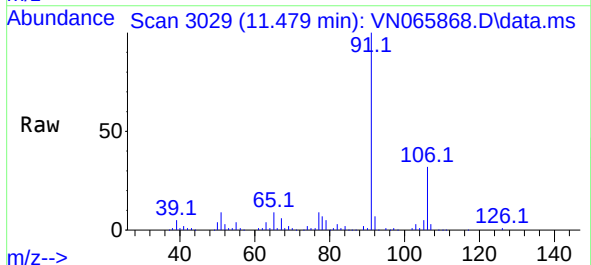
Instrument :
MSVOA_N
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VCP-SS-2-SOILME

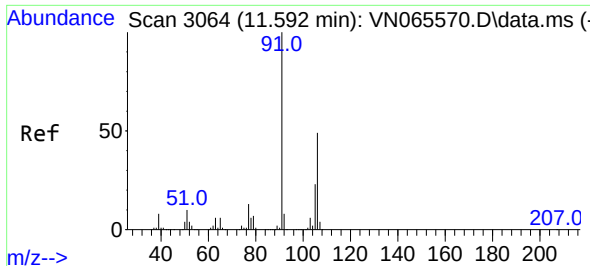
Tgt Ion:117 Resp: 255602
Ion Ratio Lower Upper
117 100
82 56.8 43.7 65.5
119 32.2 26.1 39.1



#67
Ethyl Benzene
Concen: 17.57 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

Tgt Ion: 91 Resp: 176502
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

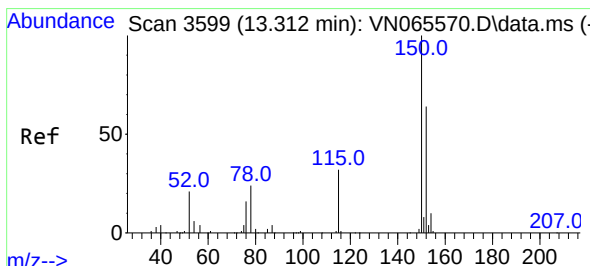
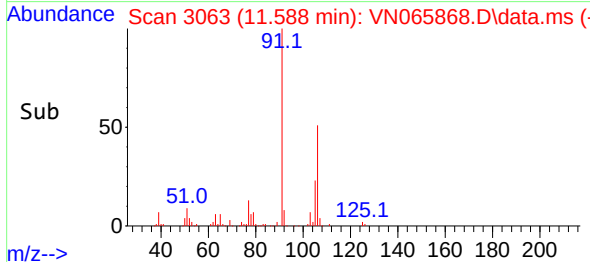
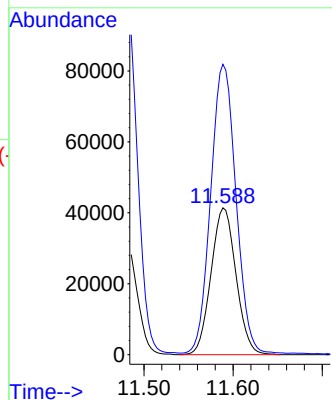
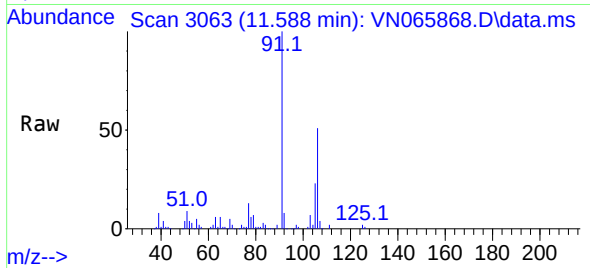




#68
m/p-Xylenes
Concen: 22.14 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

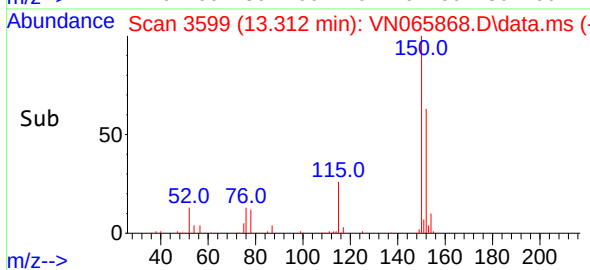
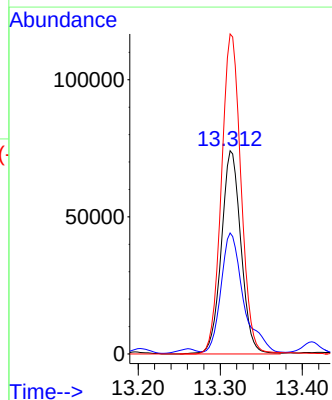
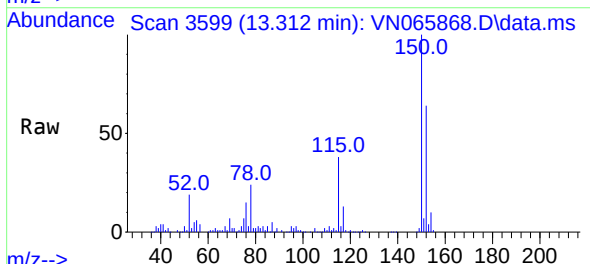
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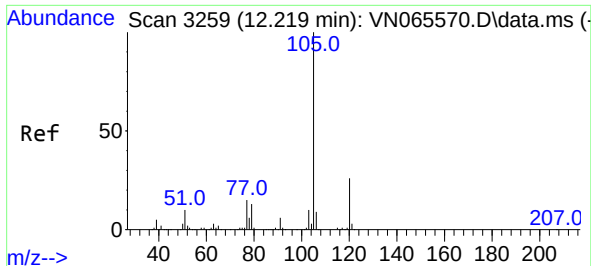
Tgt Ion:106 Resp: 80531
Ion Ratio Lower Upper
106 100
91 199.0 161.4 242.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

Tgt Ion:152 Resp: 123534
Ion Ratio Lower Upper
152 100
115 66.4 28.5 85.6
150 156.9 0.0 347.6

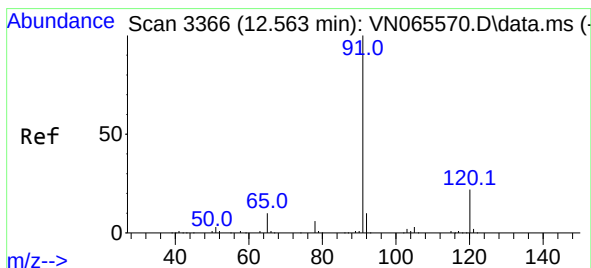
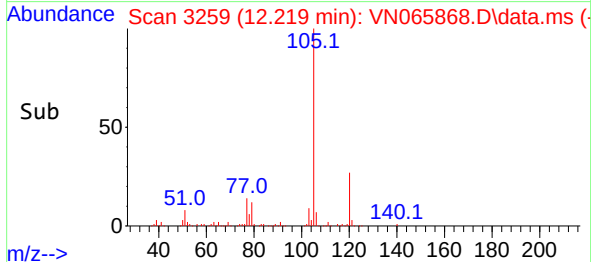
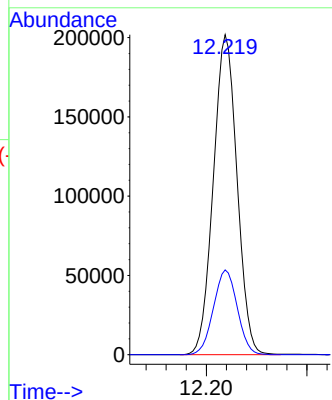
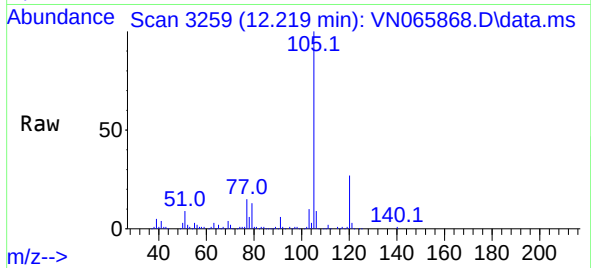




#73
Isopropylbenzene
Concen: 30.50 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

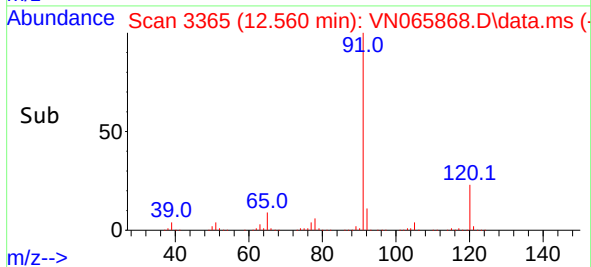
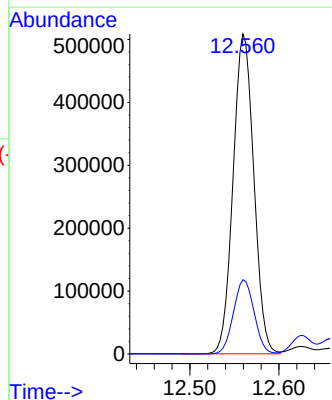
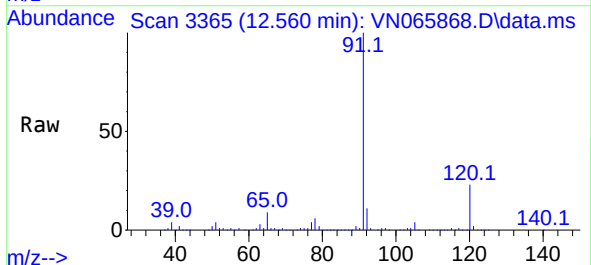
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-2-SOILME

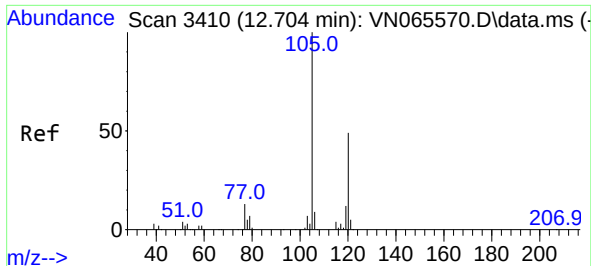
Tgt Ion:105 Resp: 329868
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#78
n-propylbenzene
Concen: 64.35 ug/l
RT: 12.560 min Scan# 3365
Delta R.T. -0.003 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

Tgt Ion: 91 Resp: 820282
Ion Ratio Lower Upper
91 100
120 23.2 11.8 35.3

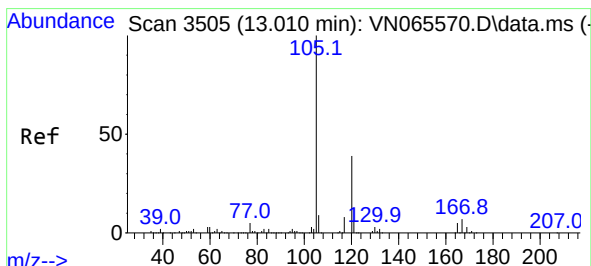
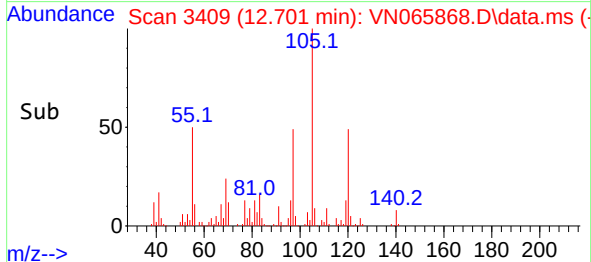
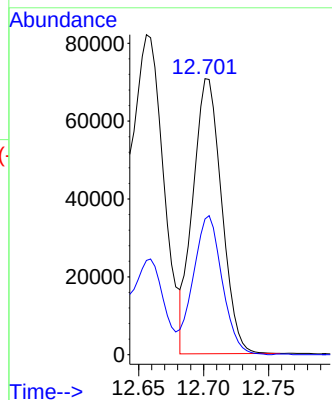
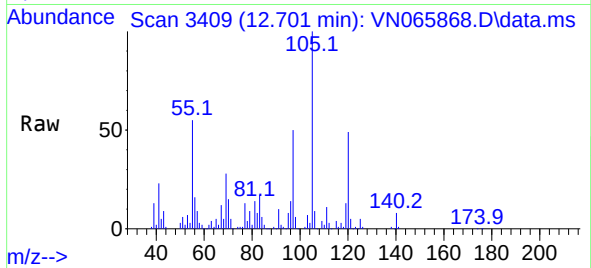




#80
1,3,5-Trimethylbenzene
Concen: 11.79 ug/l
RT: 12.701 min Scan# 3409
Delta R.T. -0.003 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

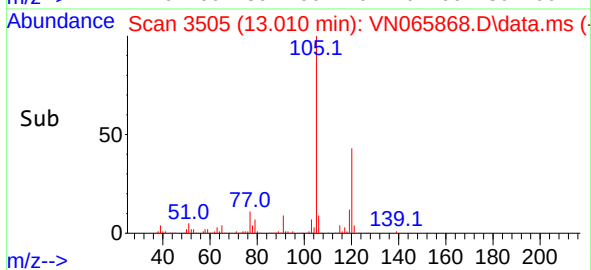
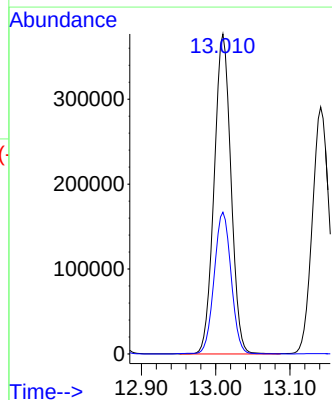
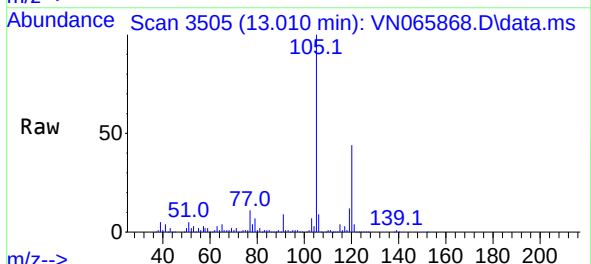
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-2-SOILME

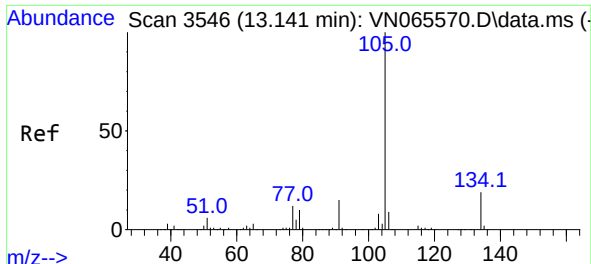
Tgt Ion:105 Resp: 108593
Ion Ratio Lower Upper
105 100
120 51.4 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 64.45 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

Tgt Ion:105 Resp: 591979
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.0

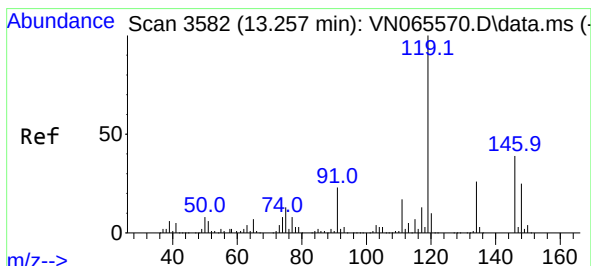
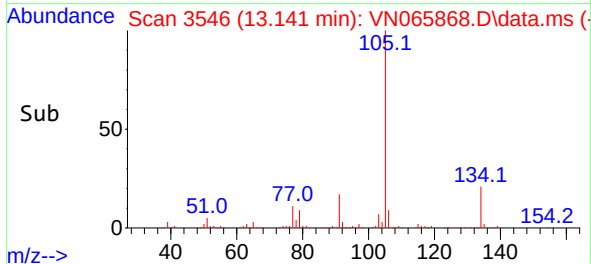
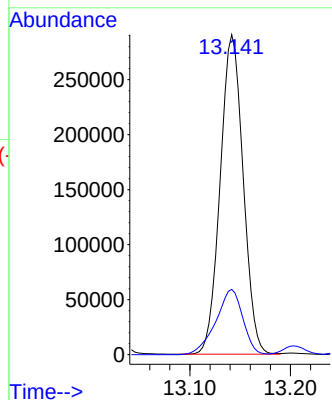
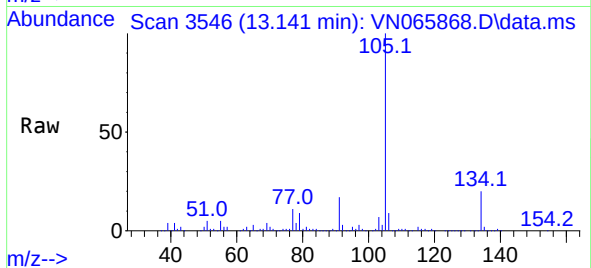




#85
sec-Butylbenzene
Concen: 44.47 ug/l
RT: 13.141 min Scan# 3546
Delta R.T. 0.000 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

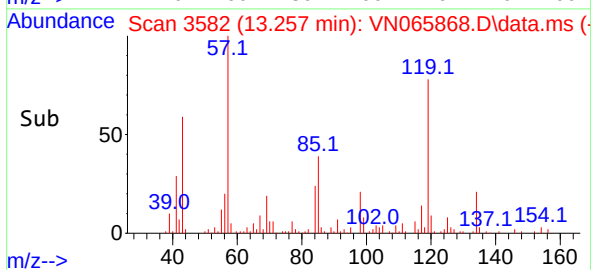
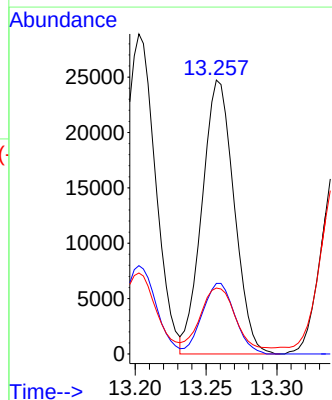
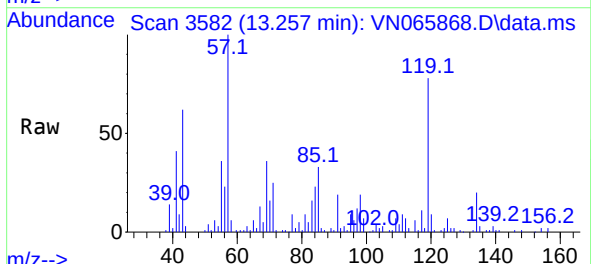
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-2-SOILME

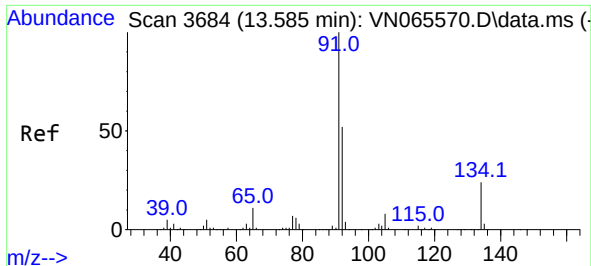
Tgt Ion:105 Resp: 461027
Ion Ratio Lower Upper
105 100
134 24.1 10.0 30.0



#86
p-Isopropyltoluene
Concen: 4.25 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

Tgt Ion:119 Resp: 38885
Ion Ratio Lower Upper
119 100
134 26.2 13.3 39.8
91 22.5 11.8 35.3

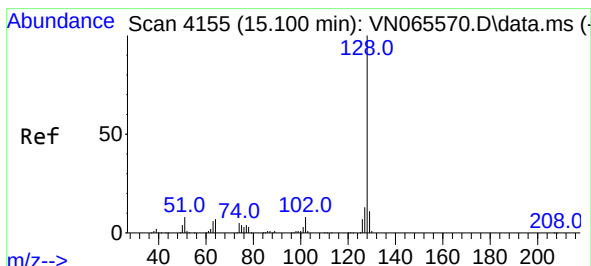
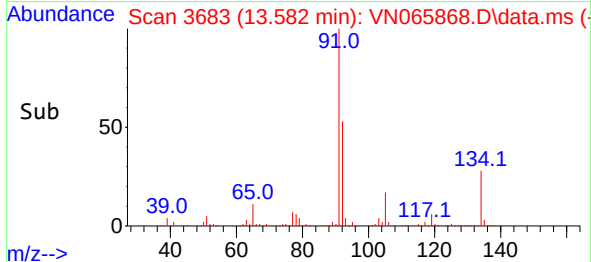
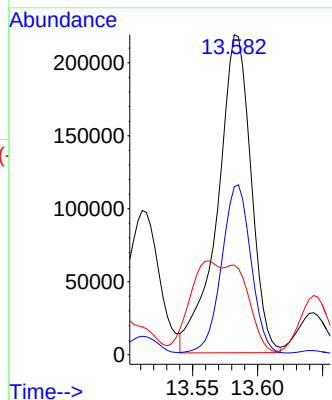
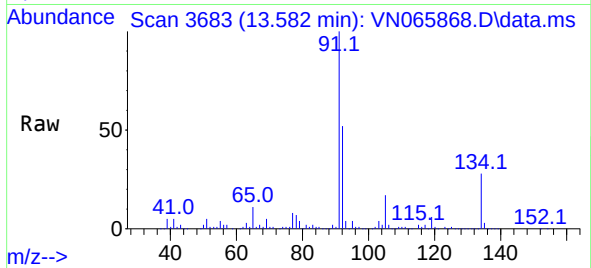




#89
n-Butylbenzene
Concen: 47.33 ug/l
RT: 13.582 min Scan# 3683
Delta R.T. -0.003 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

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

Tgt Ion: 91 Resp: 389253
Ion Ratio Lower Upper
91 100
92 46.7 26.1 78.3
134 0.0 13.0 38.9#



#95
Naphthalene
Concen: 55.36 ug/l
RT: 15.096 min Scan# 4154
Delta R.T. -0.004 min
Lab File: VN065868.D
Acq: 15 Feb 2021 14:07

Tgt Ion:128 Resp: 446289
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.0 8.6 13.0

