

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
 Data File : VN065817.D
 Acq On : 11 Feb 2021 16:03
 Operator : JC/MD
 Sample : M1363-02ME
 Misc : 2.79g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VCP-SS-8-SOILME

Quant Time: Feb 11 16:36:39 2021
 Quant Title :
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

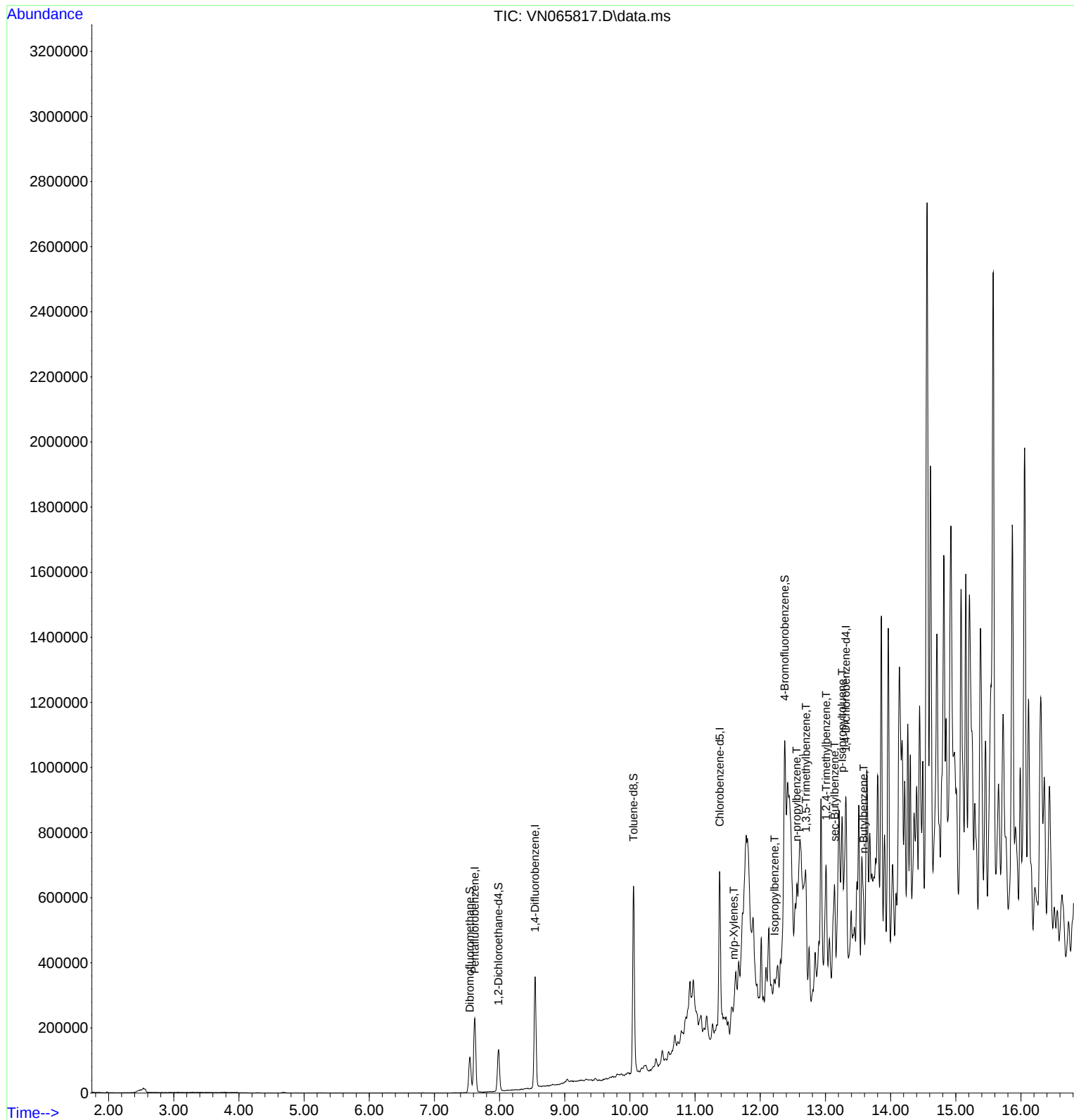
Internal Standards						
1) Pentafluorobenzene	7.618	168	192287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	323961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	292390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	134991	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	105715	41.79	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.58%		
35) Dibromofluoromethane	7.544	113	89334	46.53	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.06%		
50) Toluene-d8	10.055	98	414975	54.99	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	109.98%		
62) 4-Bromofluorobenzene	12.373	95	140057	51.54	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.08%		
Target Compounds						
						Qvalue
68) m/p-Xylenes	11.595	106	13869	3.33	ug/l	85
73) Isopropylbenzene	12.219	105	35958	3.04	ug/l	75
78) n-propylbenzene	12.560	91	106102	7.62	ug/l	97
80) 1,3,5-Trimethylbenzene	12.701	105	32051	3.18	ug/l	93
84) 1,2,4-Trimethylbenzene	13.010	105	147241	14.67	ug/l	99
85) sec-Butylbenzene	13.142	105	116753	10.31	ug/l	94
86) p-Isopropyltoluene	13.257	119	34831	3.48	ug/l	92
89) n-Butylbenzene	13.585	91	128570	14.31	ug/l #	76

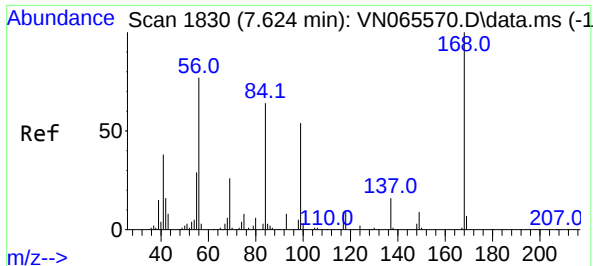
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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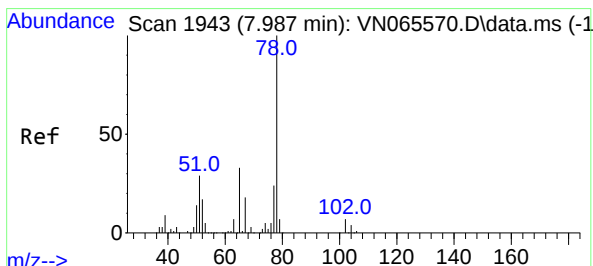
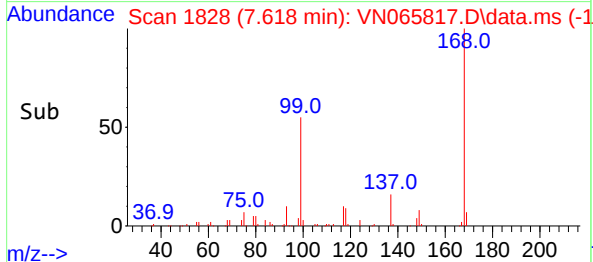
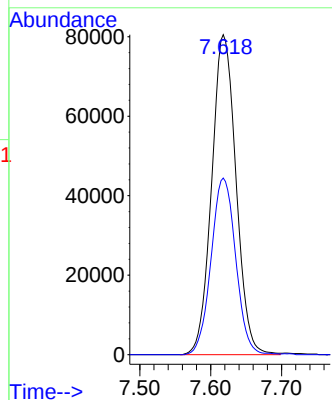
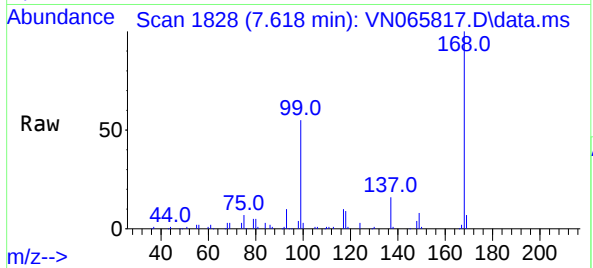




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.006 min
Lab File: VN065817.D
Acq: 11 Feb 2021 16:03

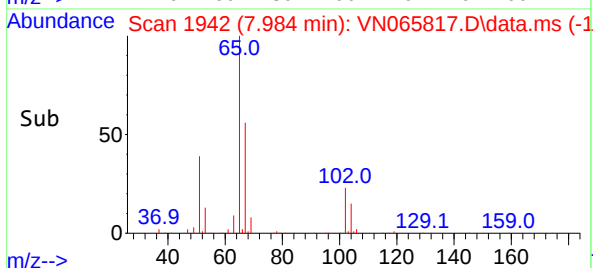
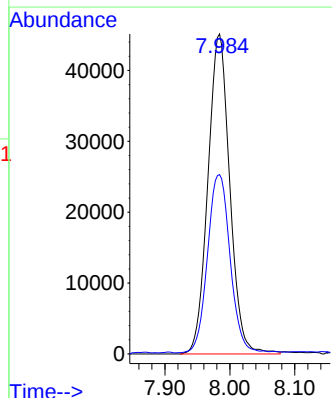
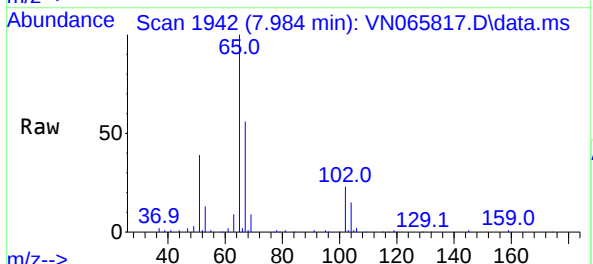
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-8-SOILME

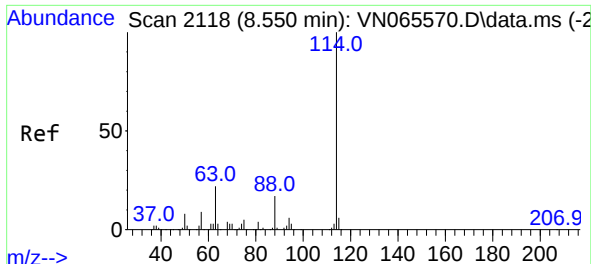
Tgt Ion:168 Resp: 192287
Ion Ratio Lower Upper
168 100
99 55.2 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 41.79 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065817.D
Acq: 11 Feb 2021 16:03

Tgt Ion: 65 Resp: 105715
Ion Ratio Lower Upper
65 100
67 57.3 0.0 107.2





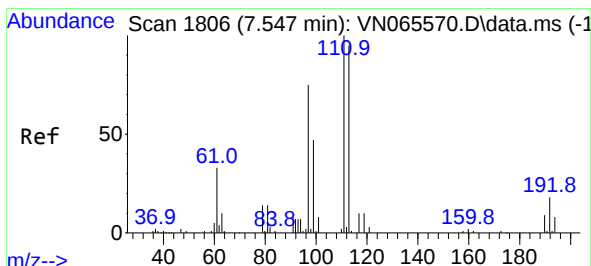
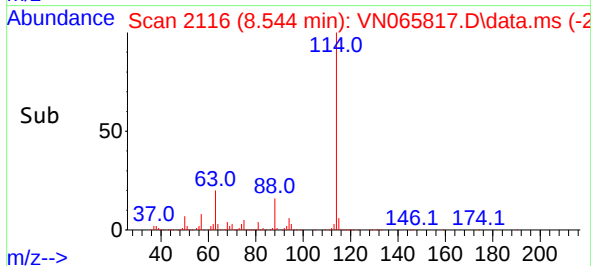
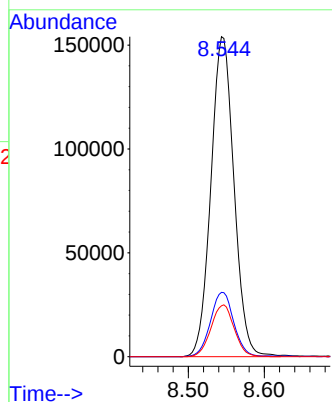
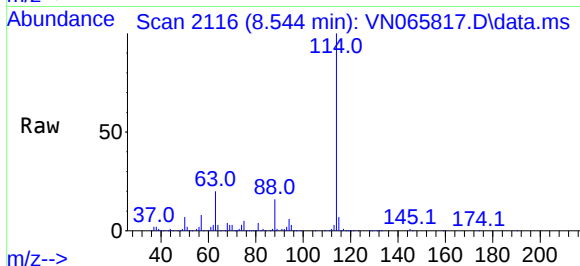
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.544 min Scan# 2116
Delta R.T. -0.006 min
Lab File: VN065817.D
Acq: 11 Feb 2021 16:03

Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-8-SOILME

Tgt Ion:114 Resp: 323961

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.6
88	15.9	0.0	30.6

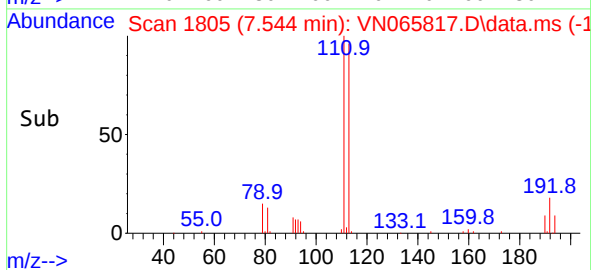
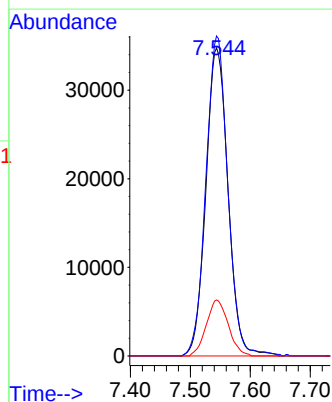
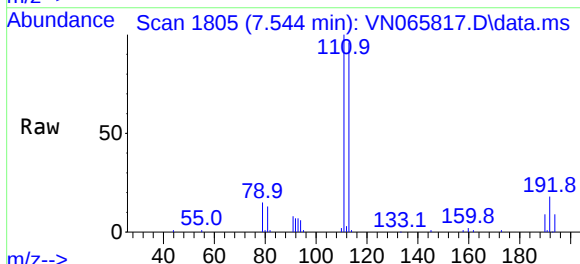


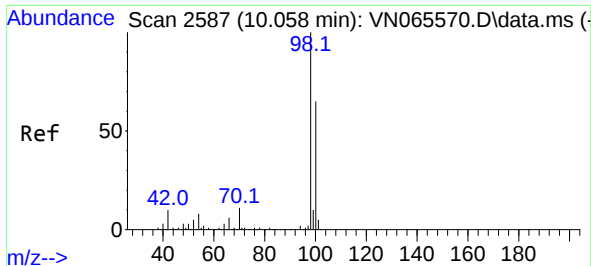
#35

Dibromofluoromethane
Concen: 46.53 ug/l
RT: 7.544 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VN065817.D
Acq: 11 Feb 2021 16:03

Tgt Ion:113 Resp: 89334

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.2
192	18.1	15.4	23.0

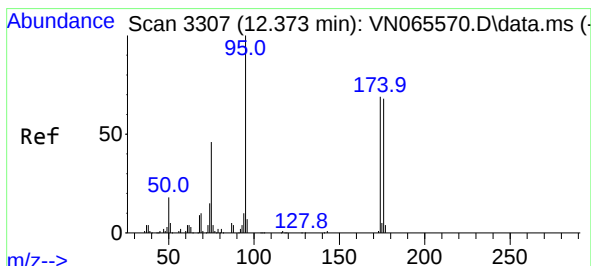
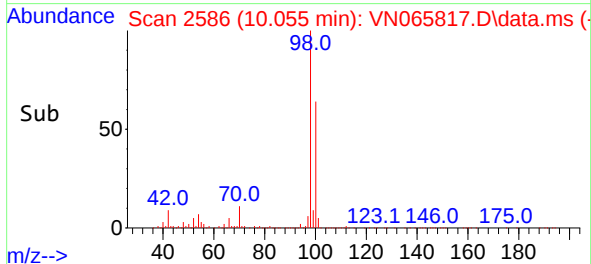
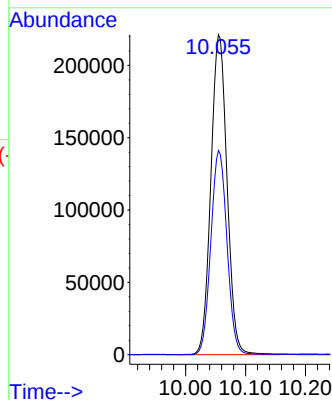
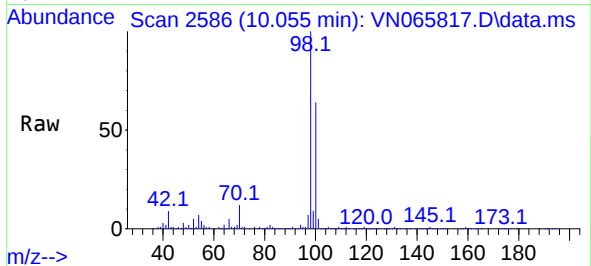




#50
Toluene-d8
Concen: 54.99 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065817.D
Acq: 11 Feb 2021 16:03

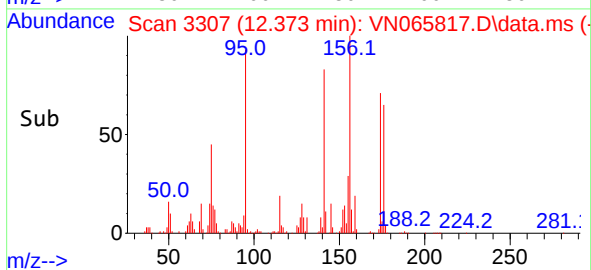
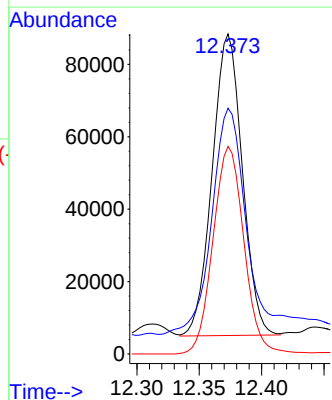
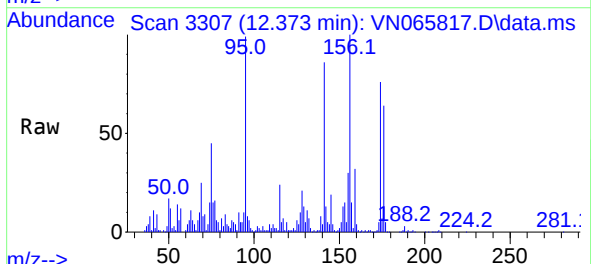
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-8-SOILME

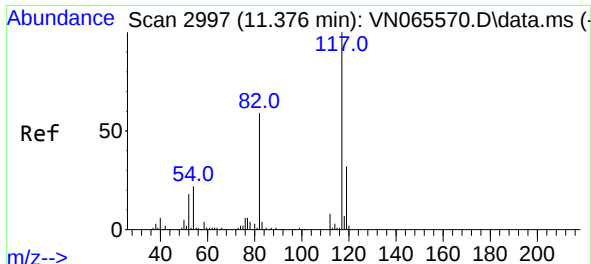
Tgt Ion: 98 Resp: 414975
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 51.54 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065817.D
Acq: 11 Feb 2021 16:03

Tgt Ion: 95 Resp: 140057
Ion Ratio Lower Upper
95 100
174 122.0 0.0 169.0
176 70.9 0.0 162.4

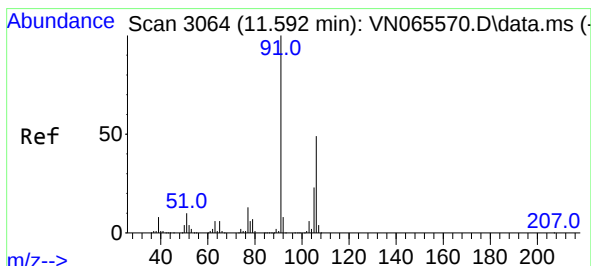
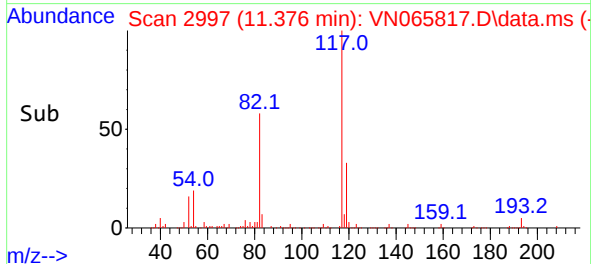
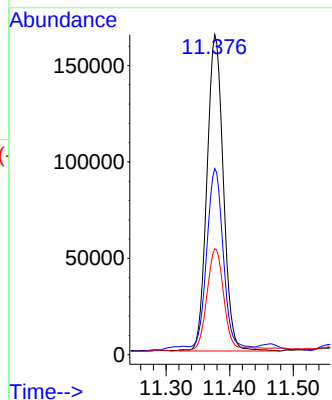
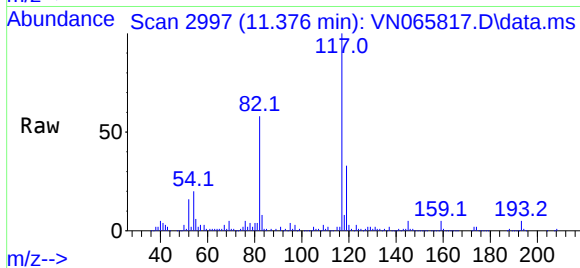




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065817.D
Acq: 11 Feb 2021 16:03

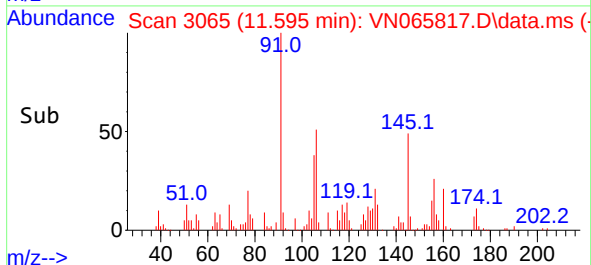
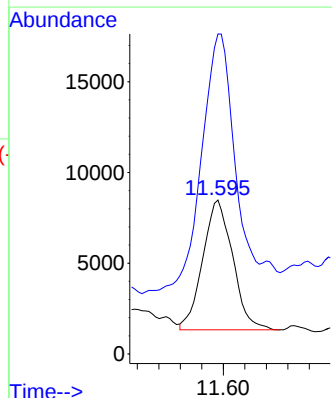
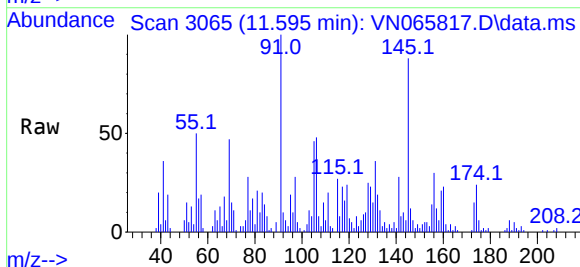
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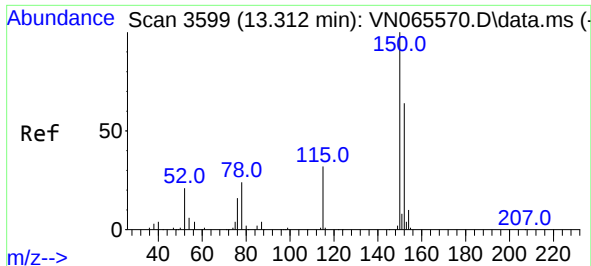
Tgt Ion:117 Resp: 292390
Ion Ratio Lower Upper
117 100
82 56.5 43.7 65.5
119 31.9 26.1 39.1



#68
m/p-Xylenes
Concen: 3.33 ug/l
RT: 11.595 min Scan# 3065
Delta R.T. 0.003 min
Lab File: VN065817.D
Acq: 11 Feb 2021 16:03

Tgt Ion:106 Resp: 13869
Ion Ratio Lower Upper
106 100
91 225.1 161.4 242.0

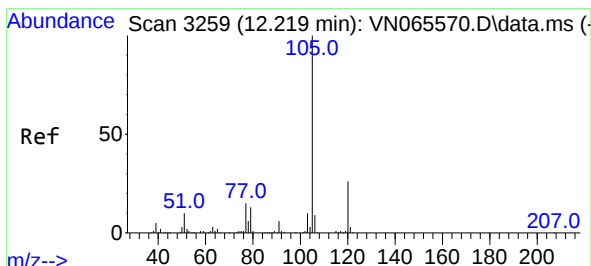
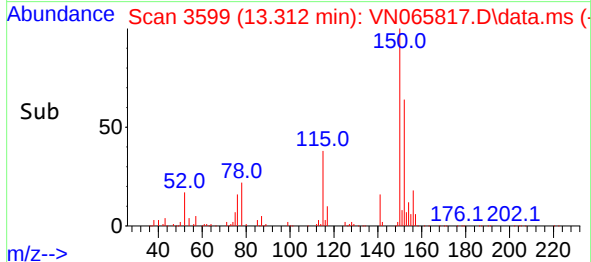
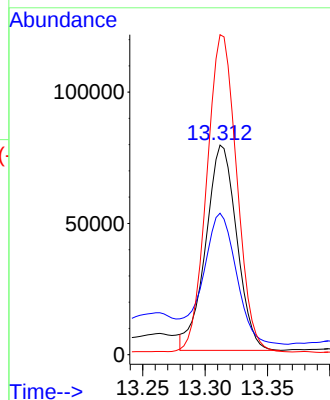
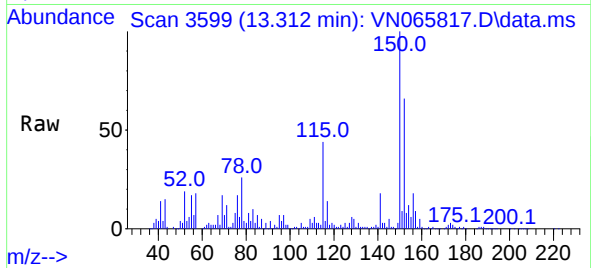




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065817.D
Acq: 11 Feb 2021 16:03

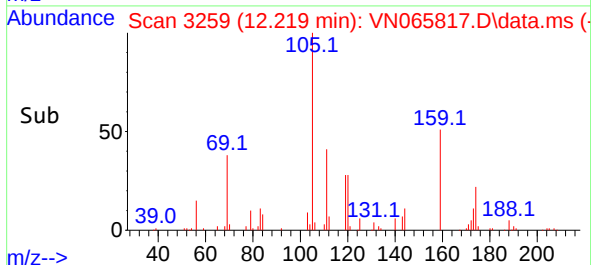
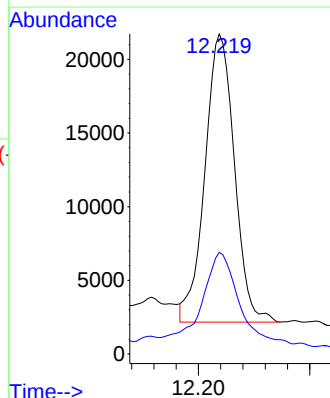
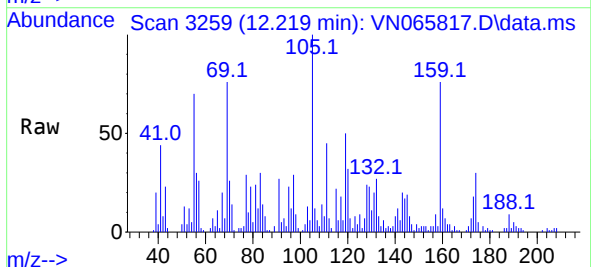
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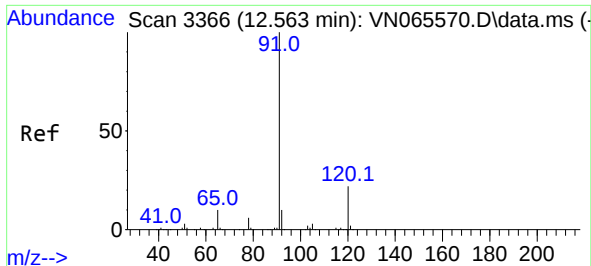
Tgt Ion:152 Resp: 134991
Ion Ratio Lower Upper
152 100
115 68.0 28.5 85.6
150 150.1 0.0 347.6



#73
Isopropylbenzene
Concen: 3.04 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065817.D
Acq: 11 Feb 2021 16:03

Tgt Ion:105 Resp: 35958
Ion Ratio Lower Upper
105 100
120 39.7 13.3 39.9

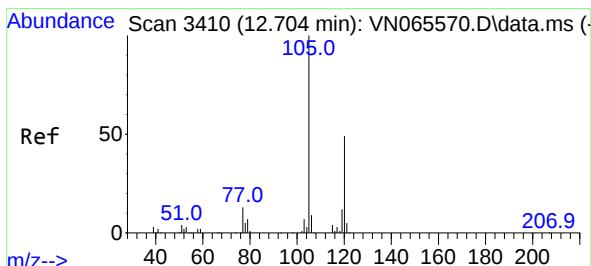
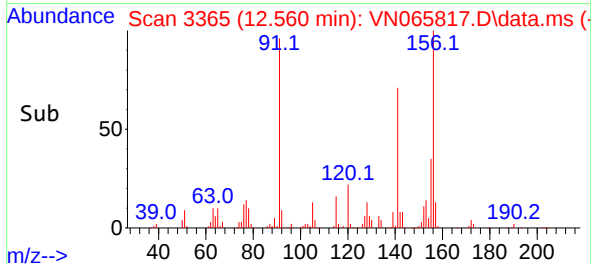
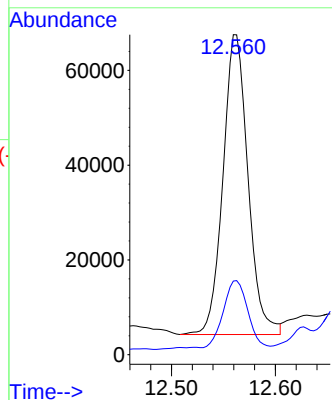
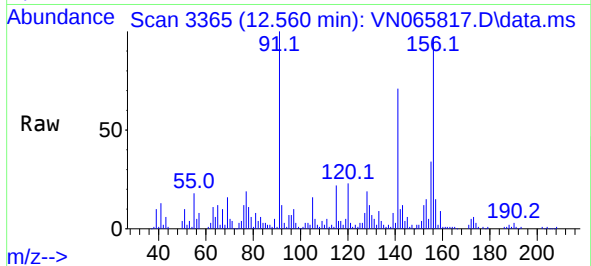




#78
n-propylbenzene
Concen: 7.62 ug/l
RT: 12.560 min Scan# 3365
Delta R.T. -0.003 min
Lab File: VN065817.D
Acq: 11 Feb 2021 16:03

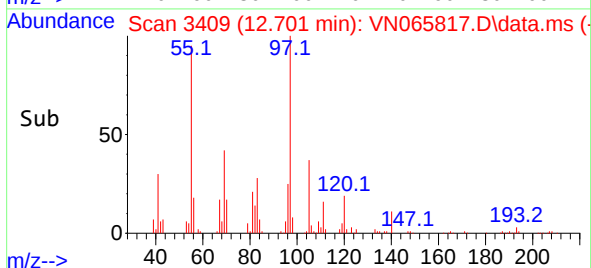
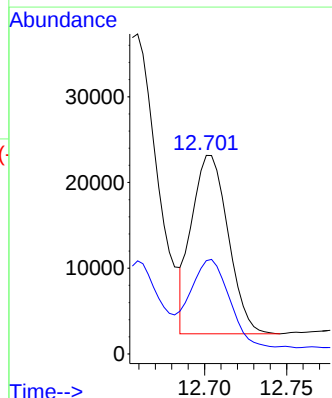
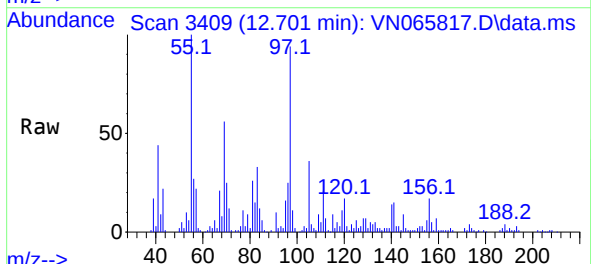
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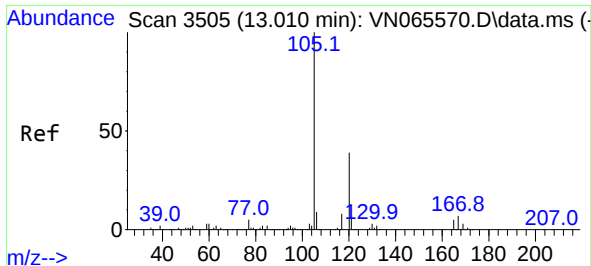
Tgt Ion: 91 Resp: 106102
Ion Ratio Lower Upper
91 100
120 22.0 11.8 35.3



#80
1,3,5-Trimethylbenzene
Concen: 3.18 ug/l
RT: 12.701 min Scan# 3409
Delta R.T. -0.003 min
Lab File: VN065817.D
Acq: 11 Feb 2021 16:03

Tgt Ion:105 Resp: 32051
Ion Ratio Lower Upper
105 100
120 53.2 24.3 72.8

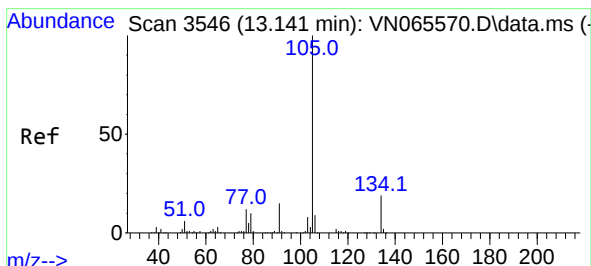
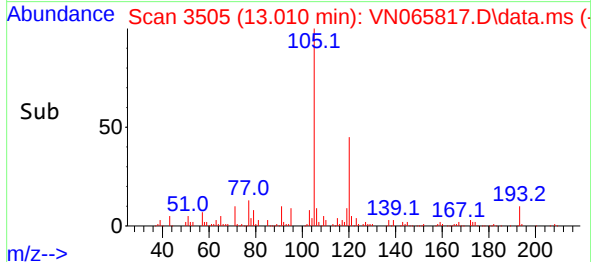
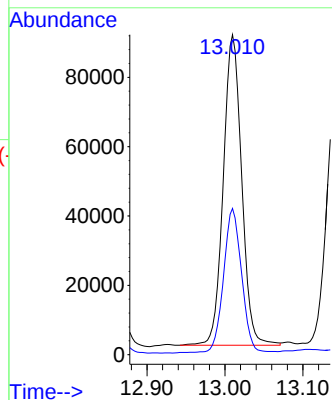
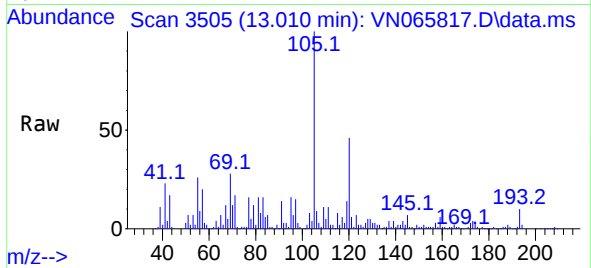




#84
1,2,4-Trimethylbenzene
Concen: 14.67 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065817.D
Acq: 11 Feb 2021 16:03

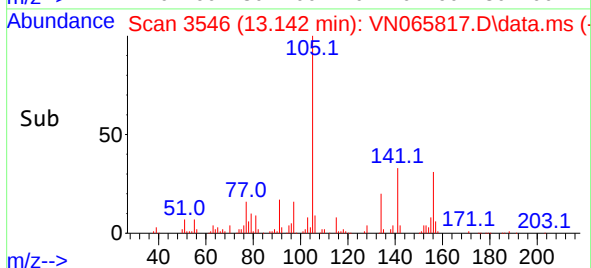
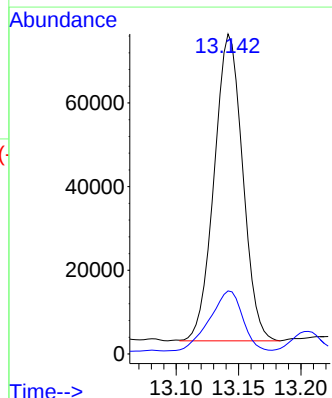
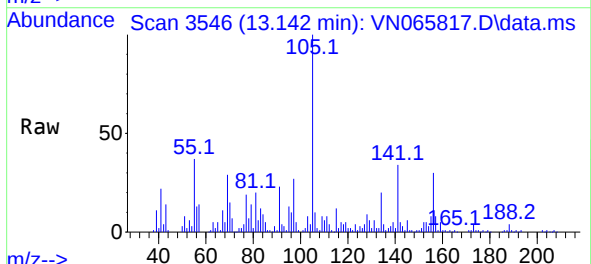
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VCP-SS-8-SOILME

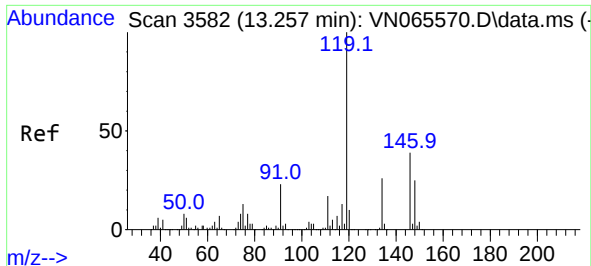
Tgt Ion:105 Resp: 147241
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.0



#85
sec-Butylbenzene
Concen: 10.31 ug/l
RT: 13.142 min Scan# 3546
Delta R.T. 0.001 min
Lab File: VN065817.D
Acq: 11 Feb 2021 16:03

Tgt Ion:105 Resp: 116753
Ion Ratio Lower Upper
105 100
134 22.6 10.0 30.0

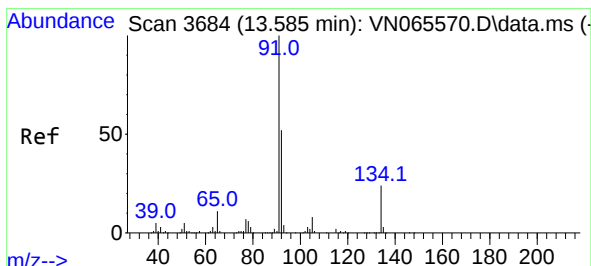
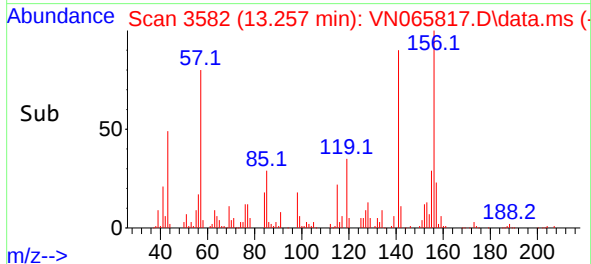
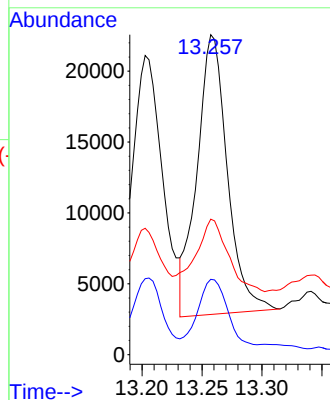
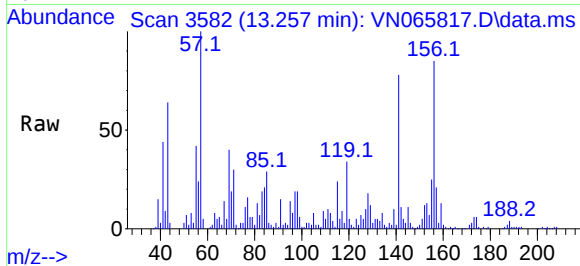




#86
p-Isopropyltoluene
Concen: 3.48 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VN065817.D
Acq: 11 Feb 2021 16:03

Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-8-SOILME

Tgt Ion:	119	Resp:	34831
Ion	Ratio	Lower	Upper
119	100		
134	21.7	13.3	39.8
91	27.2	11.8	35.3



#89
n-Butylbenzene
Concen: 14.31 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065817.D
Acq: 11 Feb 2021 16:03

Tgt Ion:	91	Resp:	128570
Ion	Ratio	Lower	Upper
91	100		
92	44.5	26.1	78.3
134	0.0	13.0	38.9#

