

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065859.D
 Acq On : 13 Feb 2021 00:07
 Operator : JC/MD
 Sample : M1398-03MEDL 10X
 Misc : 3.43g/5.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Feb 13 03:38:54 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)

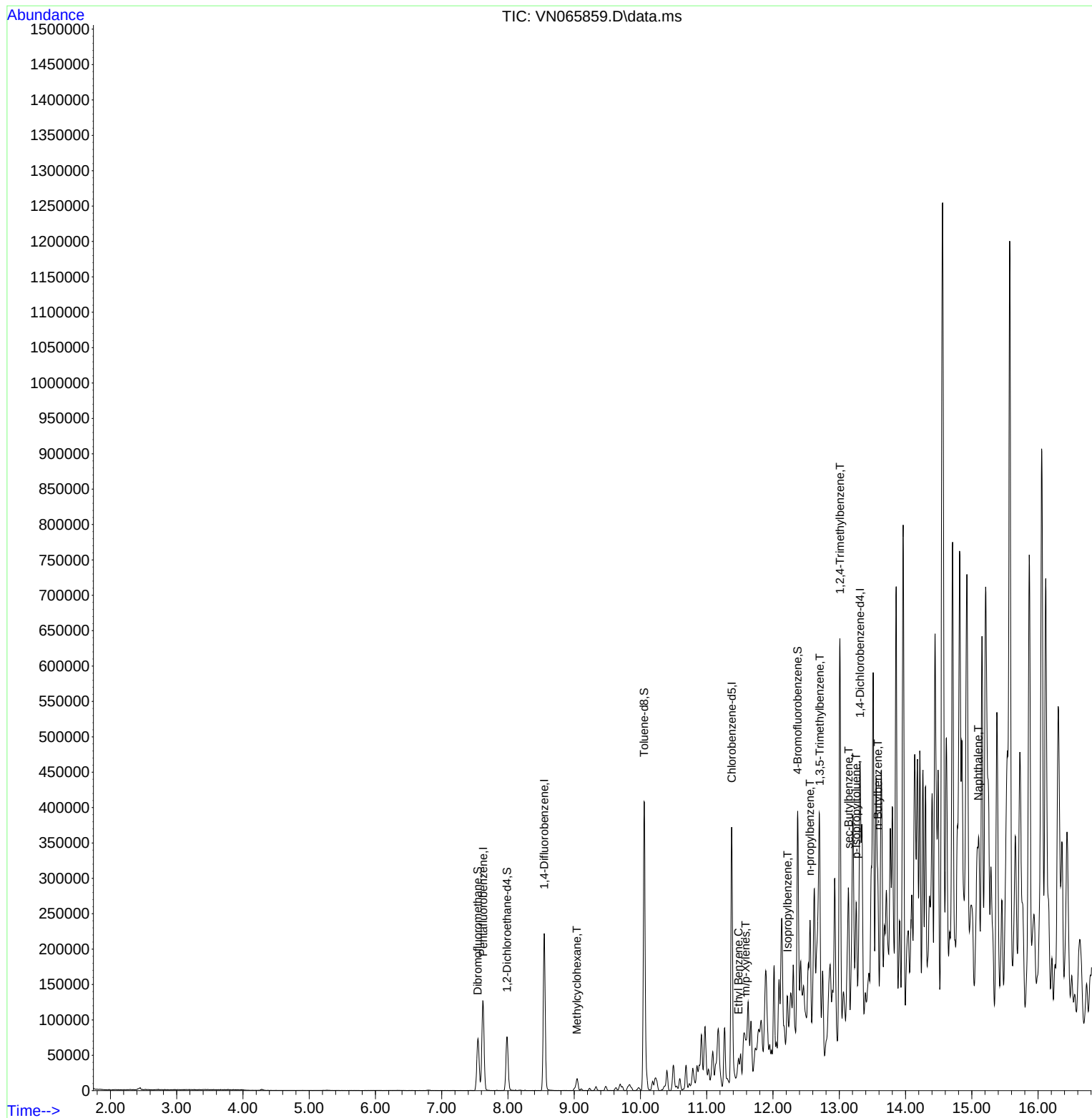
Internal Standards						
1) Pentafluorobenzene	7.624	168	110296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	211272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	228895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	104694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	65814	45.36	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 90.72%			
35) Dibromofluoromethane	7.544	113	60790	48.56	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.12%			
50) Toluene-d8	10.055	98	278504	56.59	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 113.18%			
62) 4-Bromofluorobenzene	12.370	95	115521	65.19	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 130.38%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.039	83	8023	3.09	ug/l	93
67) Ethyl Benzene	11.479	91	18963	2.11	ug/l	93
68) m/p-Xylenes	11.588	106	15488	4.76	ug/l	95
73) Isopropylbenzene	12.219	105	47726	5.21	ug/l	99
78) n-propylbenzene	12.559	91	139190	12.88	ug/l	100
80) 1,3,5-Trimethylbenzene	12.704	105	60847	7.80	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	320597	41.18	ug/l	97
85) sec-Butylbenzene	13.141	105	102229	11.64	ug/l	88
86) p-Isopropyltoluene	13.257	119	34514	4.45	ug/l	99
89) n-Butylbenzene	13.582	91	121088	17.37	ug/l #	76
95) Naphthalene	15.096	128	77269	14.06	ug/l #	93

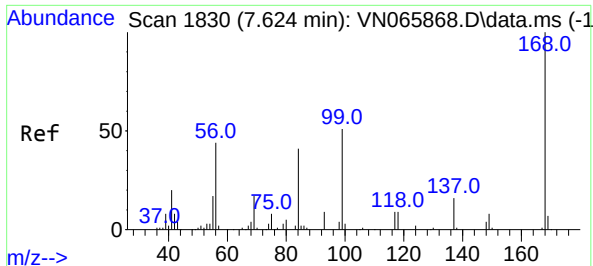
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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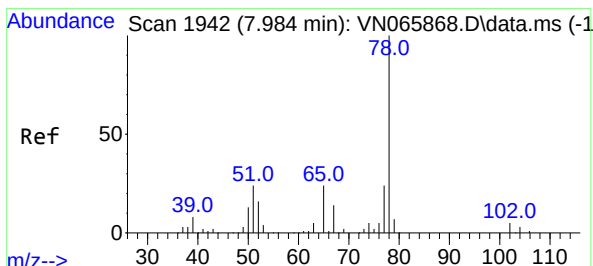
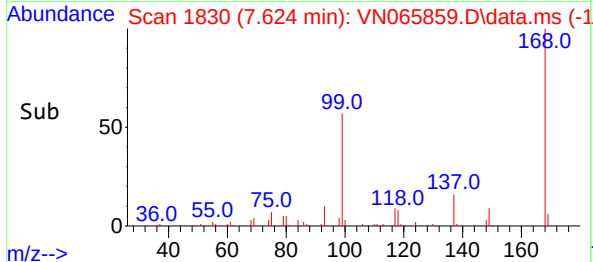
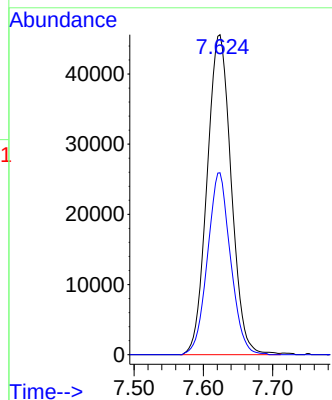
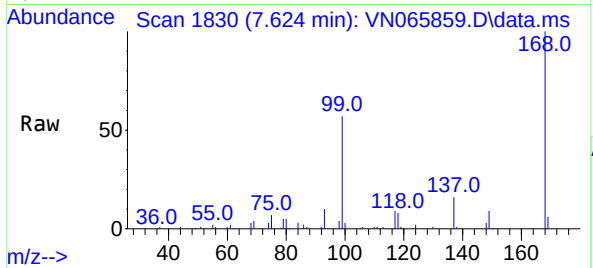




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

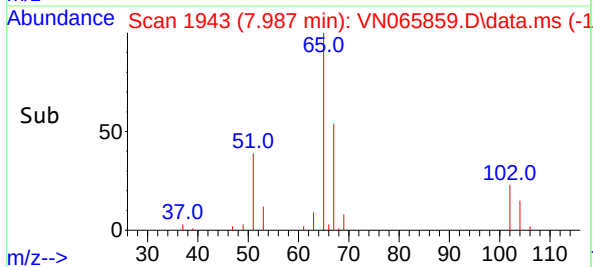
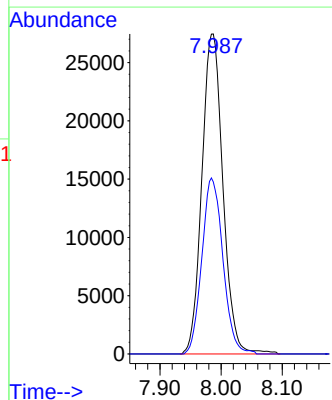
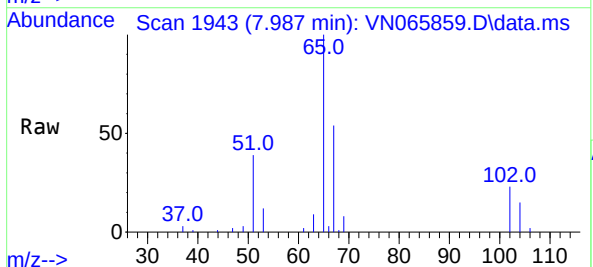
Instrument :
MSVOA_N
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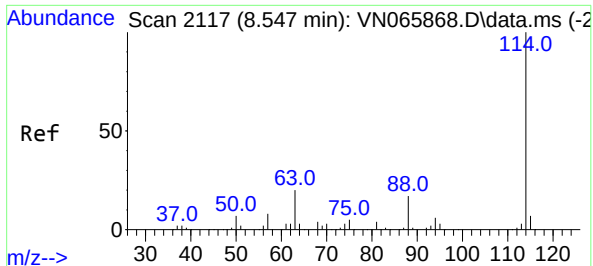
Tgt Ion:168 Resp: 110296
Ion Ratio Lower Upper
168 100
99 56.8 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 45.36 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

Tgt Ion: 65 Resp: 65814
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.2

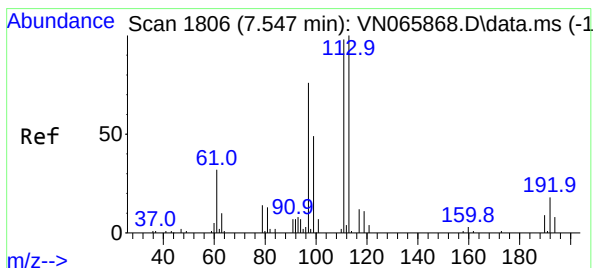
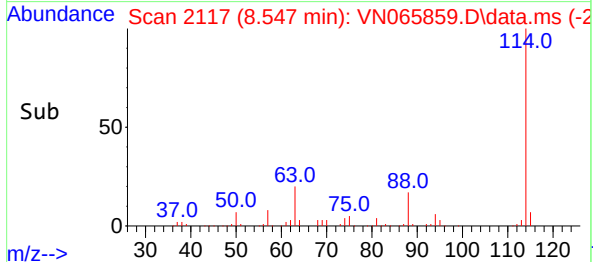
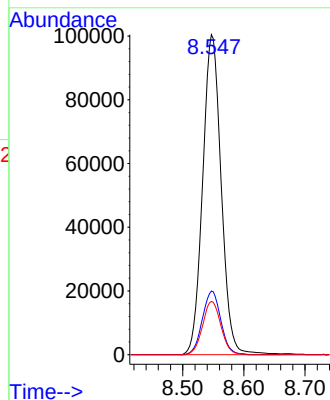
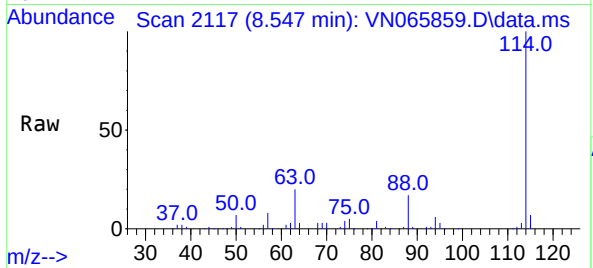




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

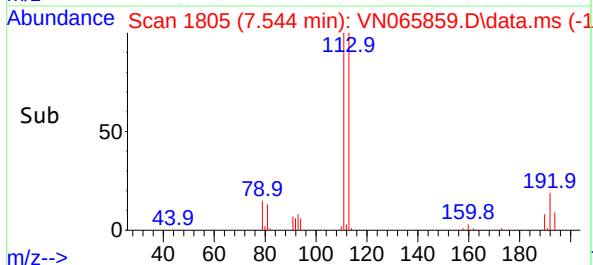
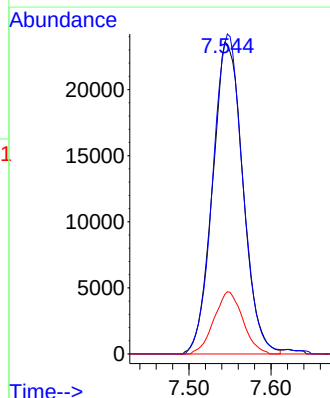
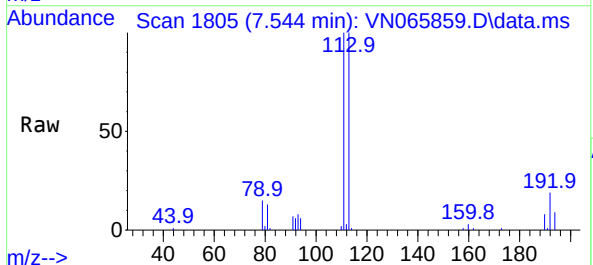
Instrument :
MSVOA_N
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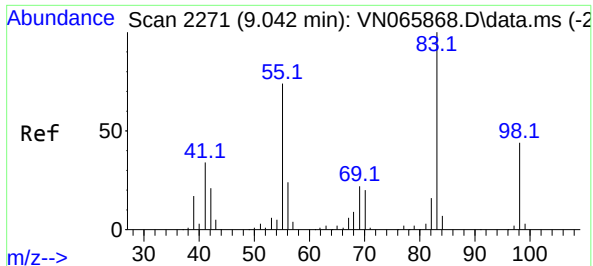
Tgt Ion:	114	Resp:	211272
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.6
88	16.7	0.0	30.6



#35
Dibromofluoromethane
Concen: 48.56 ug/l
RT: 7.544 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

Tgt Ion:	113	Resp:	60790
Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.2	123.2
192	18.9	15.4	23.0

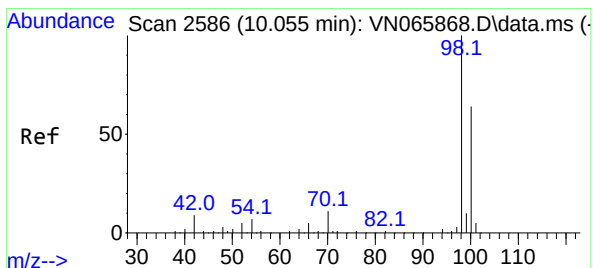
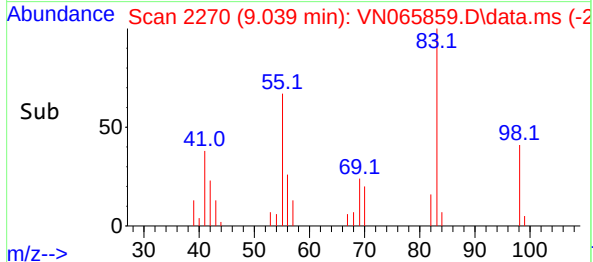
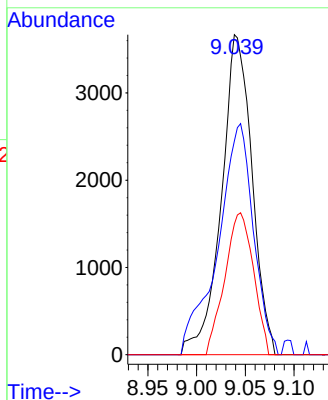
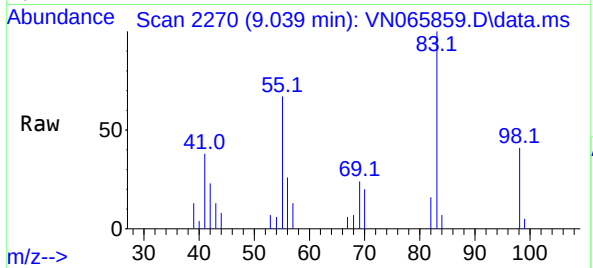




#39
Methylcyclohexane
Concen: 3.09 ug/l
RT: 9.039 min Scan# 2270
Delta R.T. -0.003 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

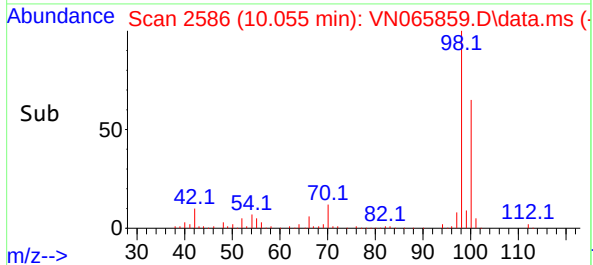
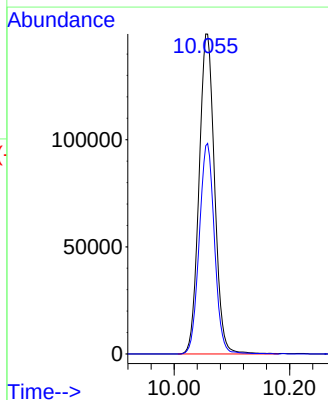
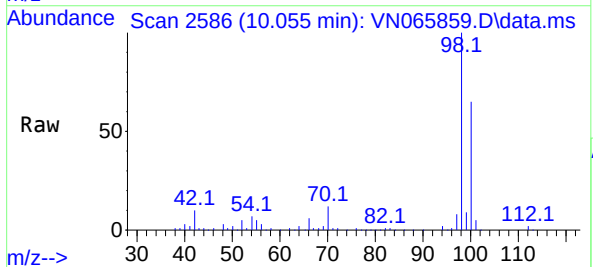
Instrument :
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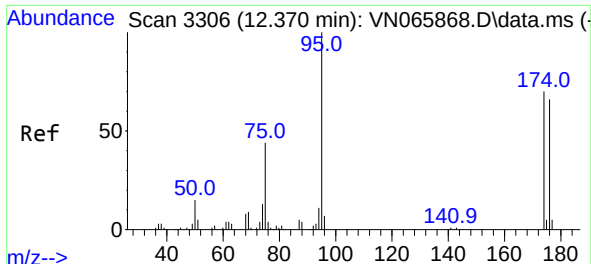
Tgt Ion: 83 Resp: 8023
Ion Ratio Lower Upper
83 100
55 66.8 58.9 88.3
98 40.8 35.9 53.9



#50
Toluene-d8
Concen: 56.59 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

Tgt Ion: 98 Resp: 278504
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7

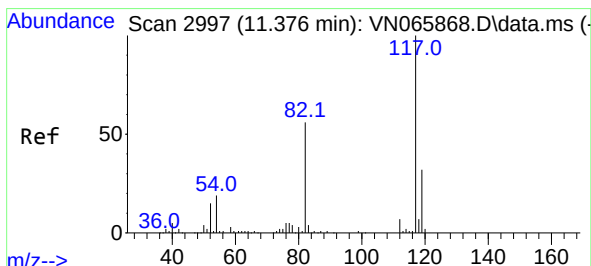
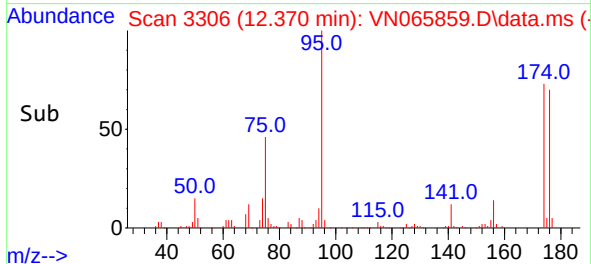
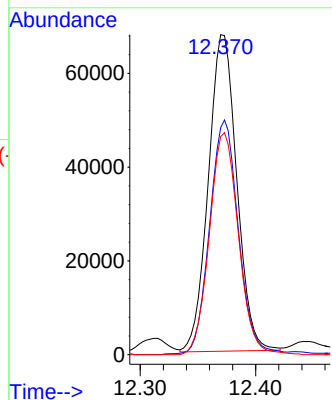
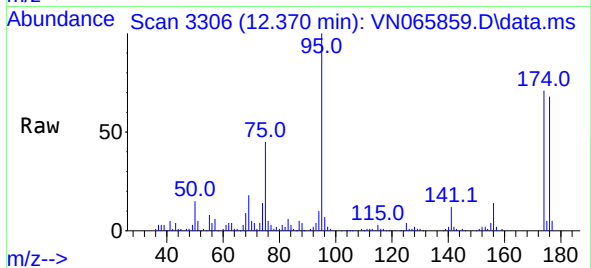




#62
4-Bromofluorobenzene
Concen: 65.19 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

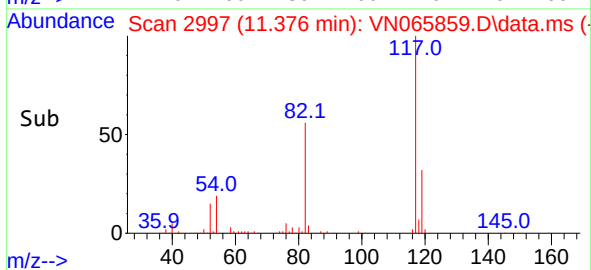
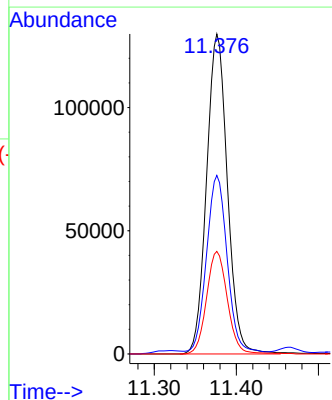
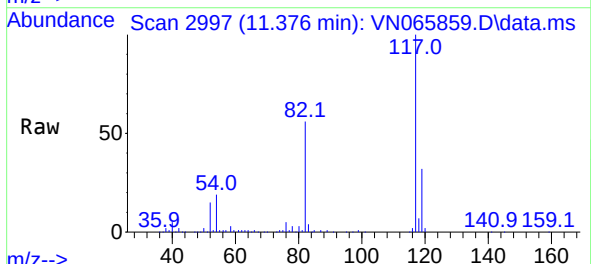
Instrument :
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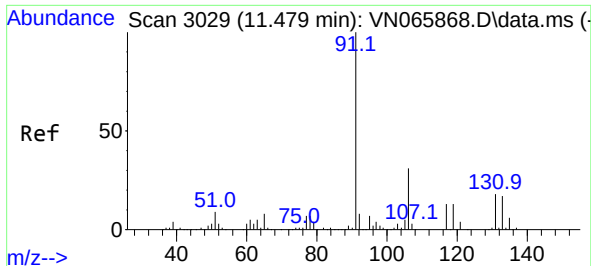
Tgt Ion: 95 Resp: 115521
Ion Ratio Lower Upper
95 100
174 75.2 0.0 169.0
176 71.5 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

Tgt Ion: 117 Resp: 228895
Ion Ratio Lower Upper
117 100
82 54.9 43.7 65.5
119 32.0 26.1 39.1

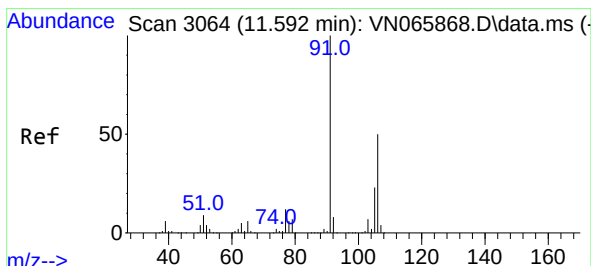
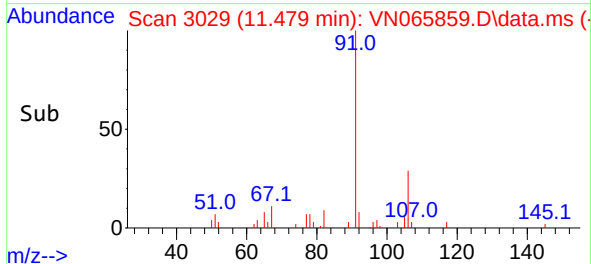
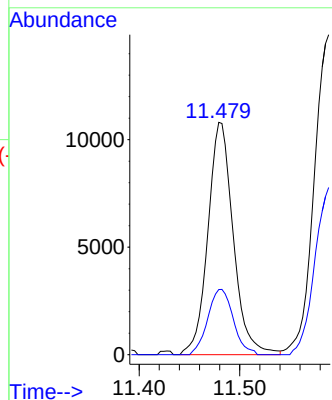
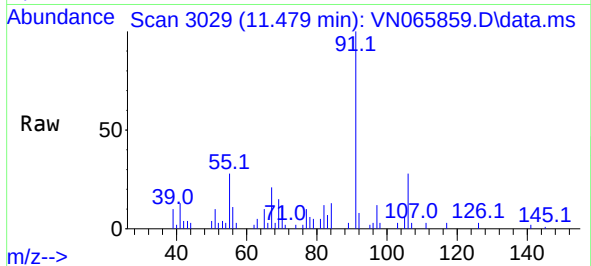




#67
Ethyl Benzene
Concen: 2.11 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

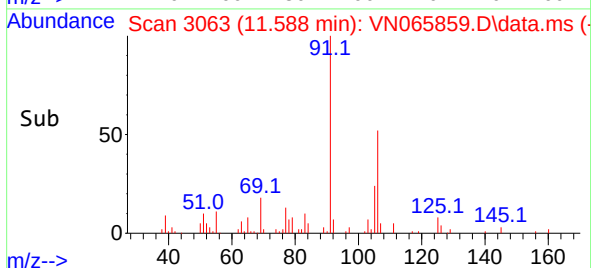
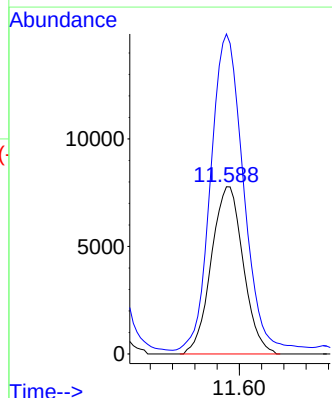
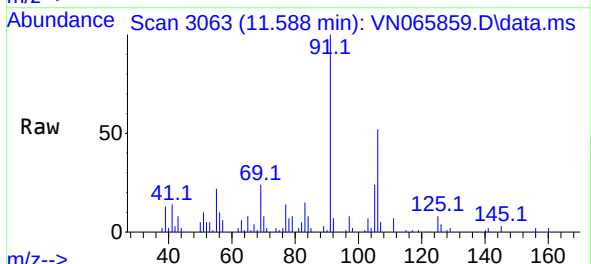
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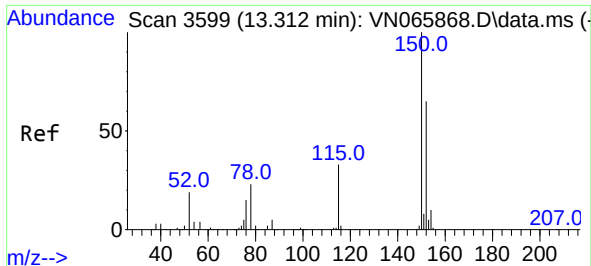
Tgt Ion: 91 Resp: 18963
Ion Ratio Lower Upper
91 100
106 28.0 25.5 38.3



#68
m/p-Xylenes
Concen: 4.76 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

Tgt Ion: 106 Resp: 15488
Ion Ratio Lower Upper
106 100
91 194.0 161.4 242.0

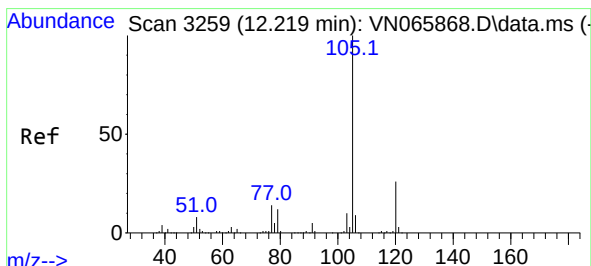
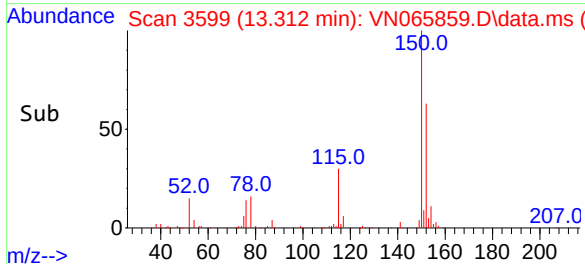
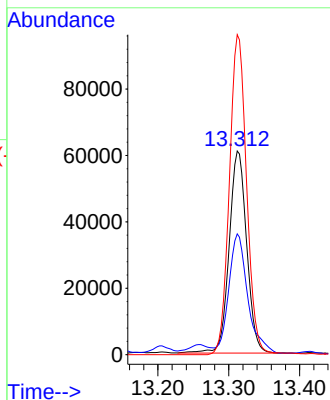
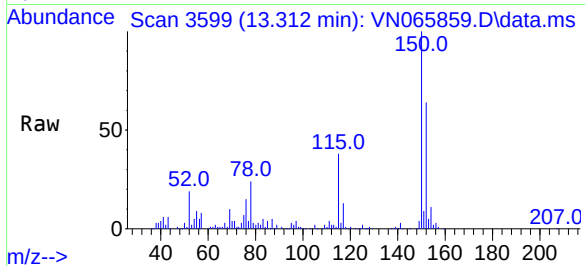




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

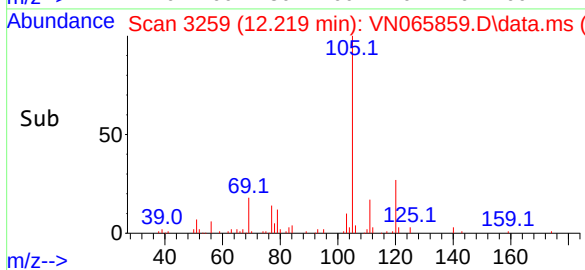
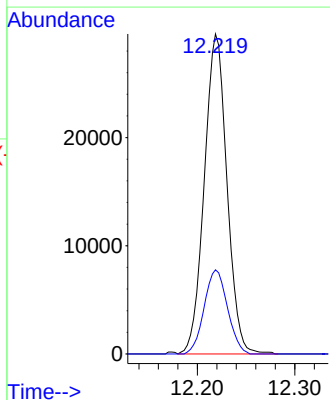
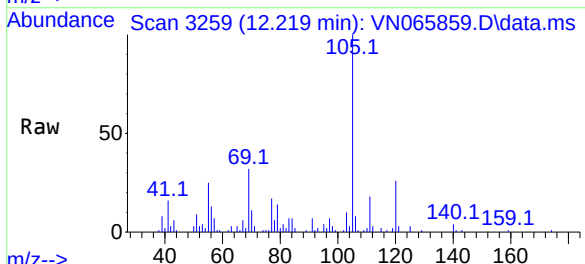
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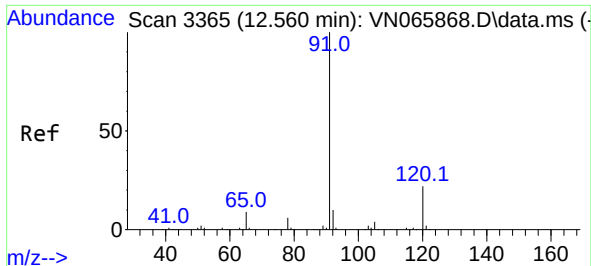
Tgt Ion:152 Resp: 104694
Ion Ratio Lower Upper
152 100
115 63.8 28.5 85.6
150 156.0 0.0 347.6



#73
Isopropylbenzene
Concen: 5.21 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

Tgt Ion:105 Resp: 47726
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9

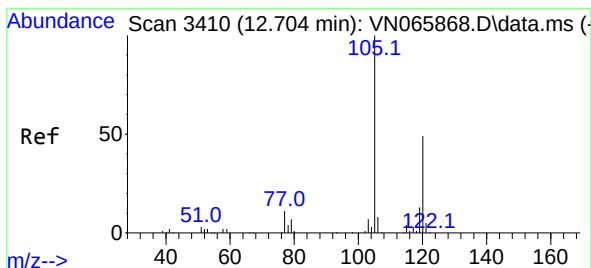
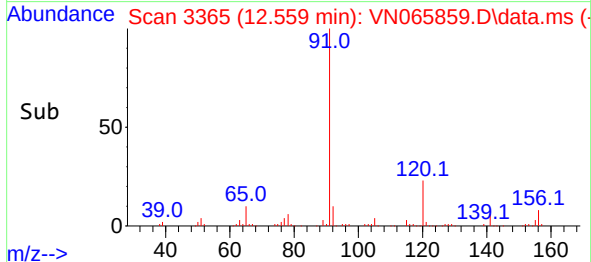
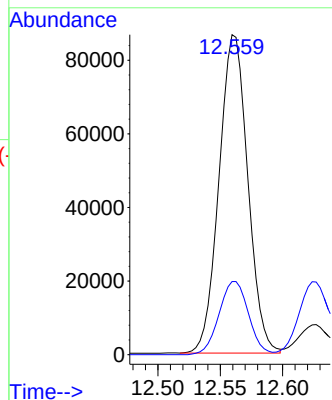
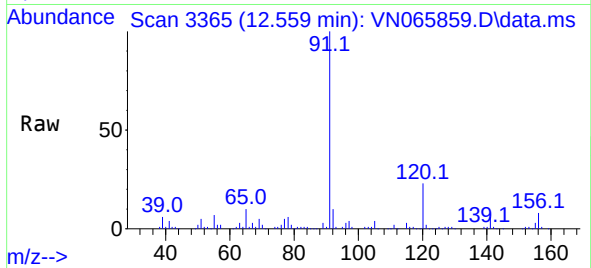




#78
n-propylbenzene
Concen: 12.88 ug/l
RT: 12.559 min Scan# 3365
Delta R.T. -0.004 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

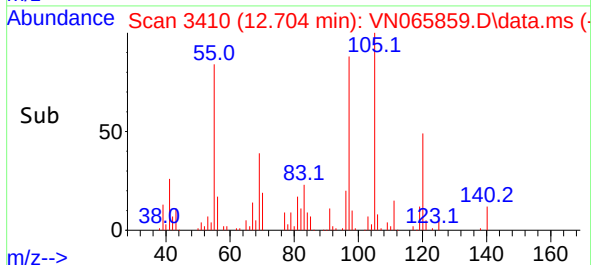
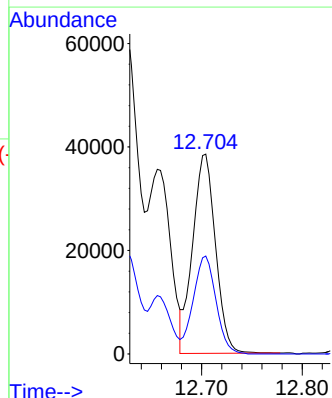
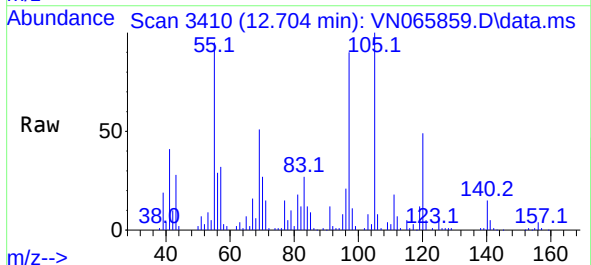
Instrument :
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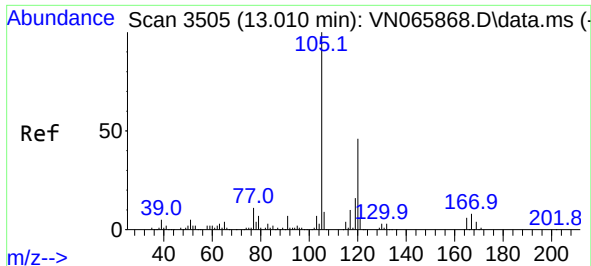
Tgt Ion: 91 Resp: 139190
Ion Ratio Lower Upper
91 100
120 23.5 11.8 35.3



#80
1,3,5-Trimethylbenzene
Concen: 7.80 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

Tgt Ion:105 Resp: 60847
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

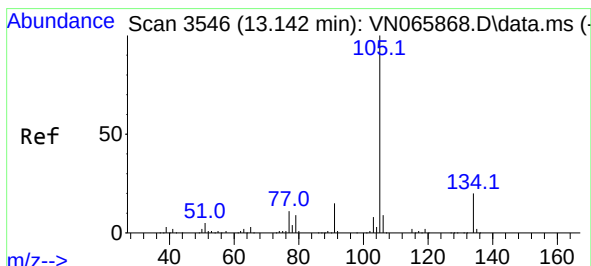
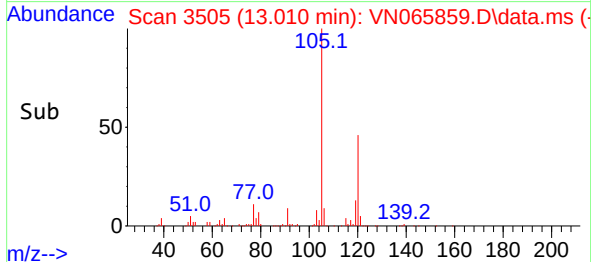
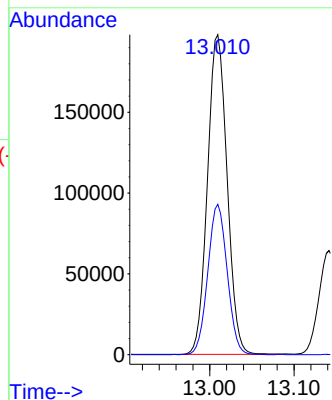
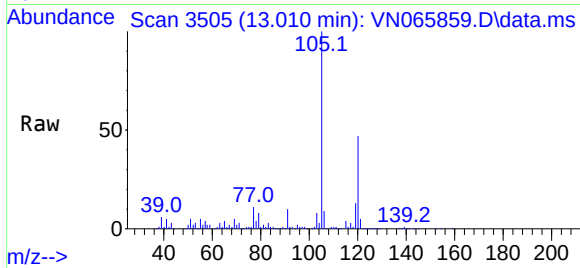




#84
1,2,4-Trimethylbenzene
Concen: 41.18 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

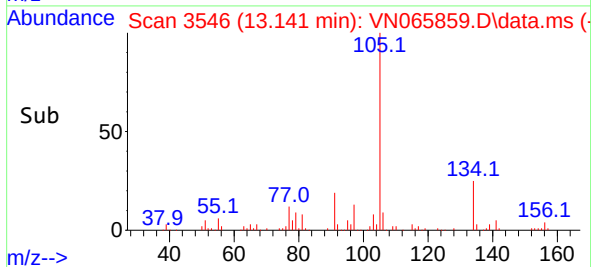
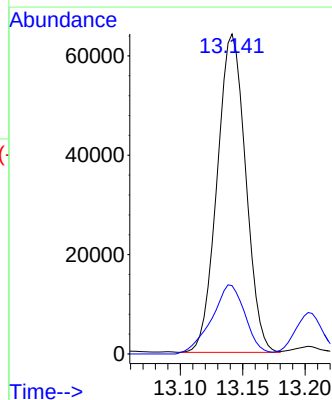
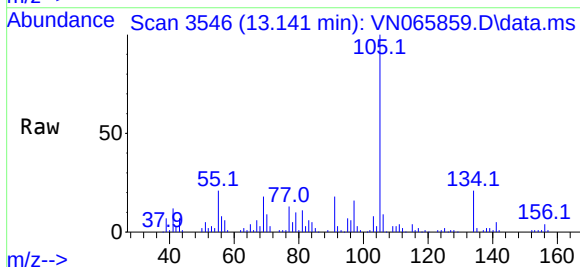
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-3-SOILMEDL

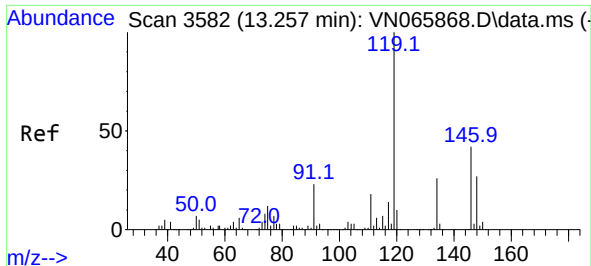
Tgt Ion:105 Resp: 320597
Ion Ratio Lower Upper
105 100
120 46.5 22.4 67.0



#85
sec-Butylbenzene
Concen: 11.64 ug/l
RT: 13.141 min Scan# 3546
Delta R.T. 0.000 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

Tgt Ion:105 Resp: 102229
Ion Ratio Lower Upper
105 100
134 25.4 10.0 30.0

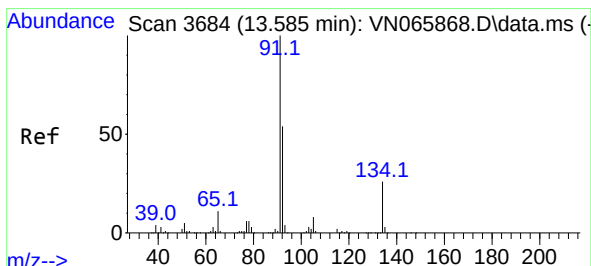
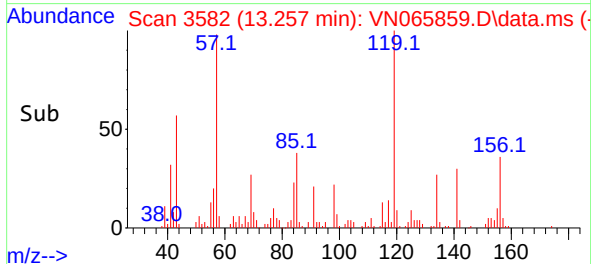
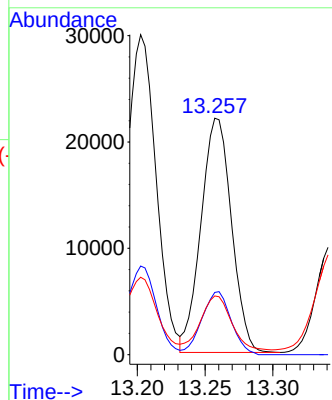
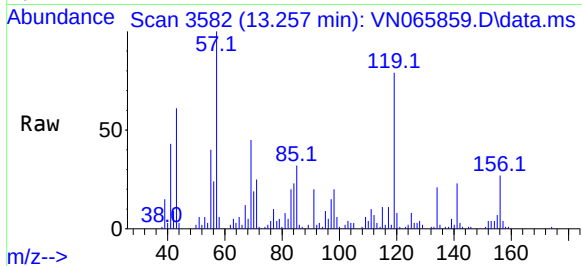




#86
p-Isopropyltoluene
Concen: 4.45 ug/l
RT: 13.257 min Scan# 3582
Delta R.T. 0.000 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

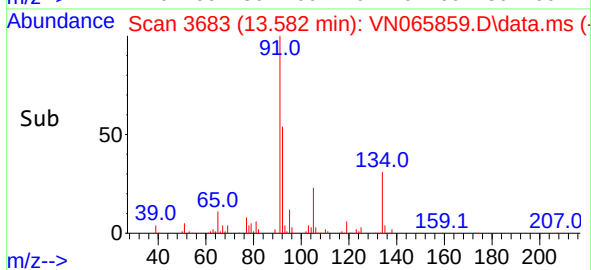
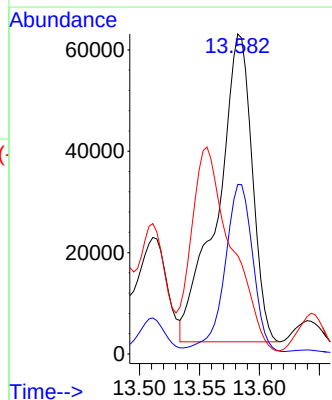
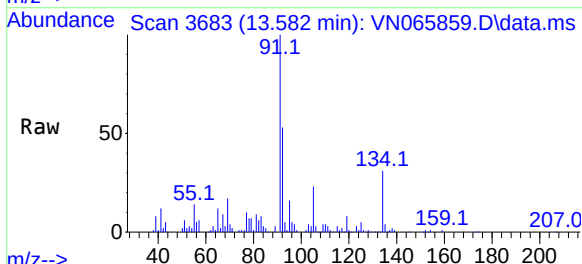
Instrument :
MSVOA_N
ClientSampleId :
VCP-SS-3-SOILMEDL

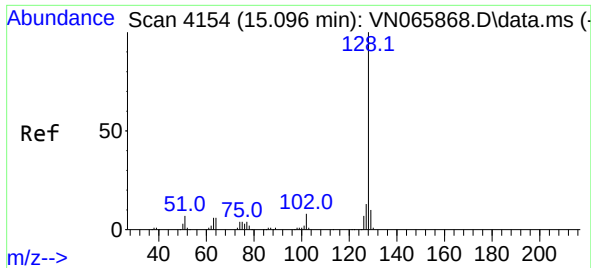
Tgt Ion:	119	Resp:	34514
Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.3	39.8
91	22.7	11.8	35.3



#89
n-Butylbenzene
Concen: 17.37 ug/l
RT: 13.582 min Scan# 3683
Delta R.T. -0.003 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

Tgt Ion:	91	Resp:	121088
Ion	Ratio	Lower	Upper
91	100		
92	44.7	26.1	78.3
134	0.0	13.0	38.9#





#95
Naphthalene
Concen: 14.06 ug/l
RT: 15.096 min Scan# 4154
Delta R.T. -0.004 min
Lab File: VN065859.D
Acq: 13 Feb 2021 00:07

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

Tgt Ion:	128	Resp:	77269
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.2
129	14.9	8.6	13.0#

