

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020421\
 Data File : VN065726.D
 Acq On : 4 Feb 2021 18:47
 Operator : JC/MD
 Sample : M1314-04 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40966

Quant Time: Feb 05 02:20:37 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)

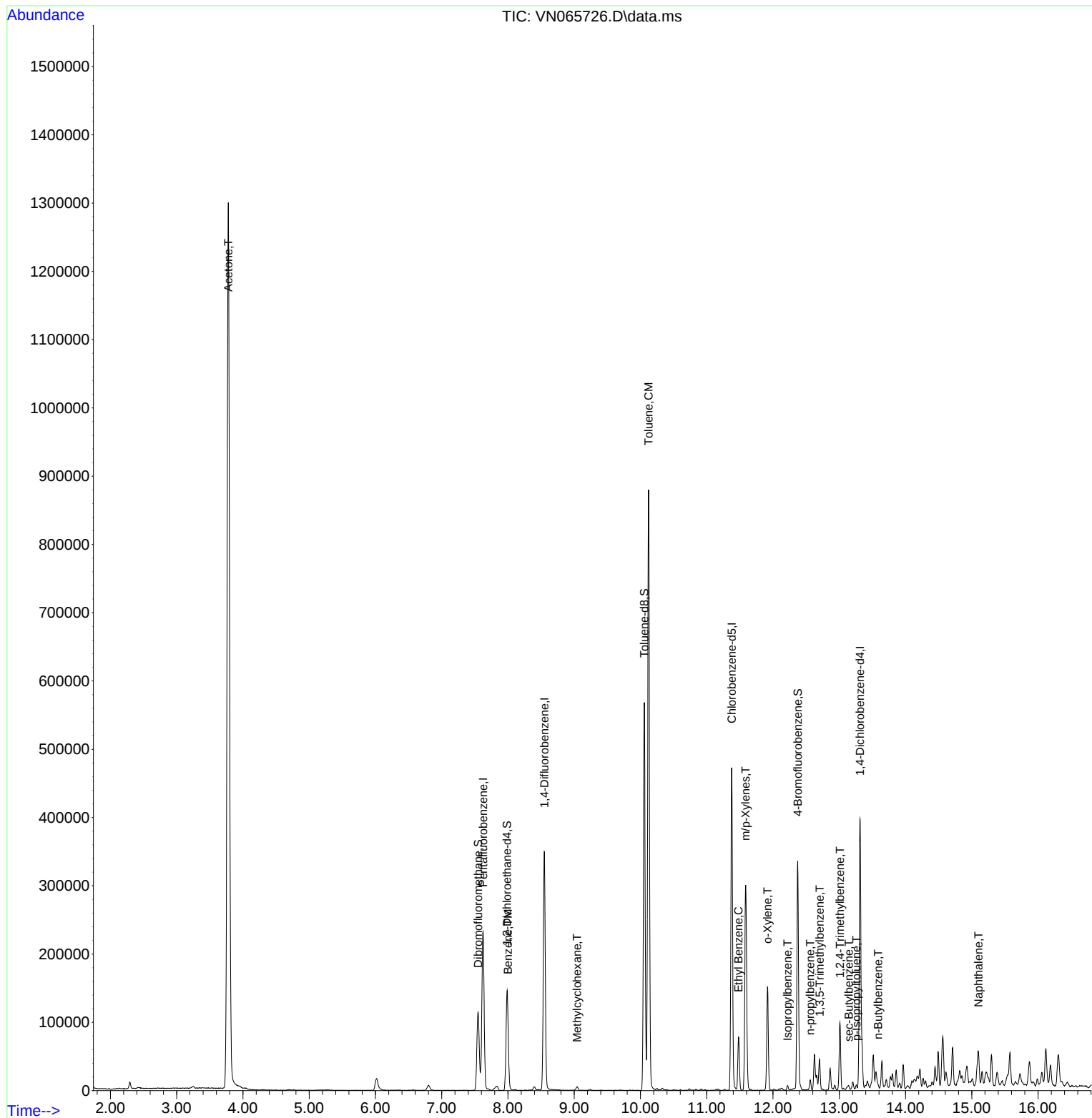
Internal Standards						
1) Pentafluorobenzene	7.624	168	192580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	326314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	288746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	112916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	117976	46.57	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.14%		
35) Dibromofluoromethane	7.550	113	94367	48.80	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.60%		
50) Toluene-d8	10.058	98	410586	54.02	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.04%		
62) 4-Bromofluorobenzene	12.373	95	133940	48.93	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.86%		
Target Compounds					Qvalue	
16) Acetone	3.779	43	2093676	2122.73	ug/l	97
39) Methylcyclohexane	9.042	83	2539	0.63	ug/l	98
40) Benzene	8.000	78	8577	0.86	ug/l	98
52) Toluene	10.122	92	403497	67.93	ug/l	96
67) Ethyl Benzene	11.479	91	58667	5.17	ug/l	99
68) m/p-Xylenes	11.589	106	99909	24.32	ug/l	98
69) o-Xylene	11.920	106	43668	10.97	ug/l	100
73) Isopropylbenzene	12.219	105	5296	0.54	ug/l	98
78) n-propylbenzene	12.563	91	13471	1.16	ug/l	95
80) 1,3,5-Trimethylbenzene	12.704	105	14984	1.78	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	59178	7.05	ug/l	99
85) sec-Butylbenzene	13.145	105	4109	0.43	ug/l	94
86) p-Isopropyltoluene	13.260	119	2271	0.27	ug/l	93
89) n-Butylbenzene	13.585	91	3781	0.50	ug/l #	73
95) Naphthalene	15.100	128	40467	8.60	ug/l	98

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

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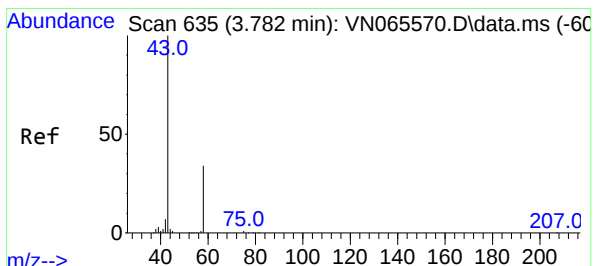
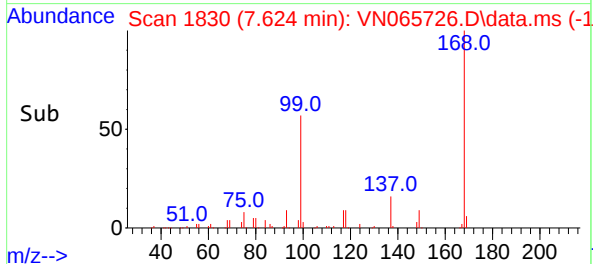
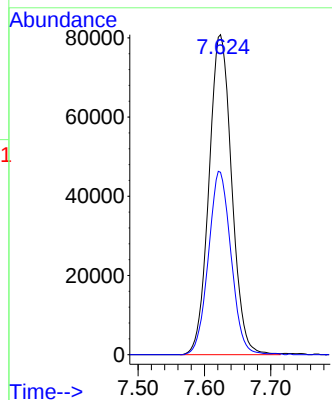
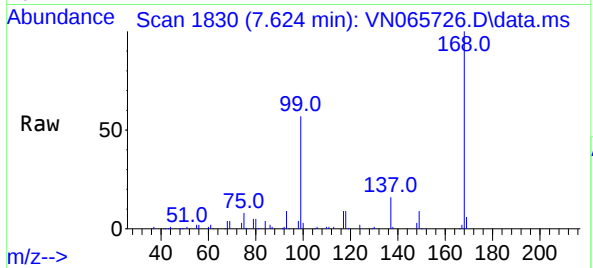




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

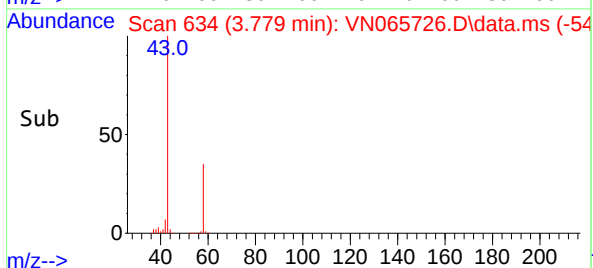
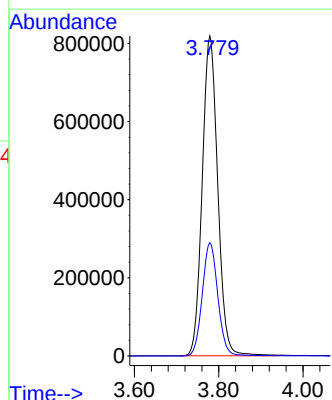
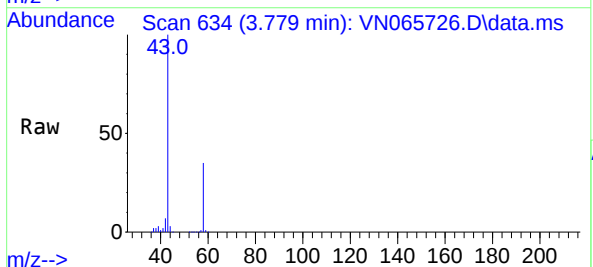
Instrument :
MSVOA_N
ClientSampled :
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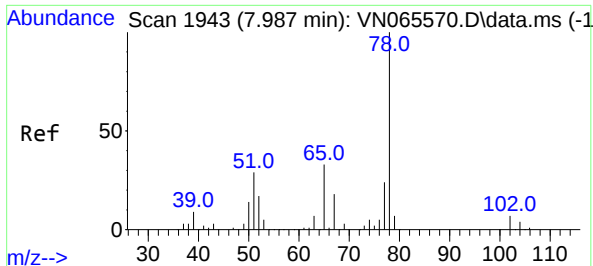
Tgt Ion:168 Resp: 192580
Ion Ratio Lower Upper
168 100
99 57.0 42.6 63.8



#16
Acetone
Concen: 2122.73 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

Tgt Ion: 43 Resp: 2093676
Ion Ratio Lower Upper
43 100
58 35.4 27.0 40.6

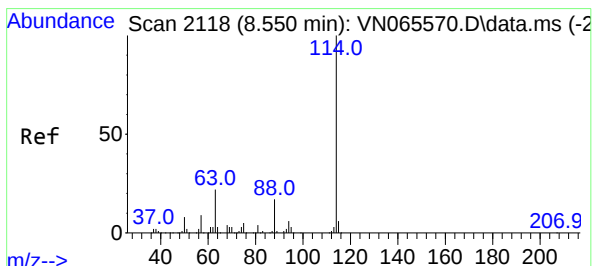
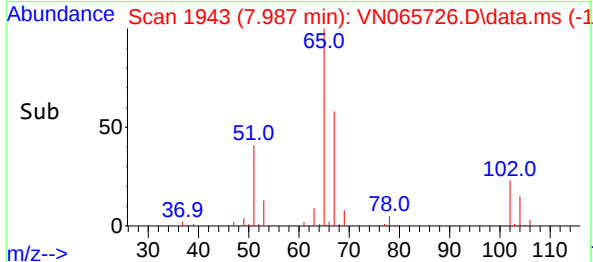
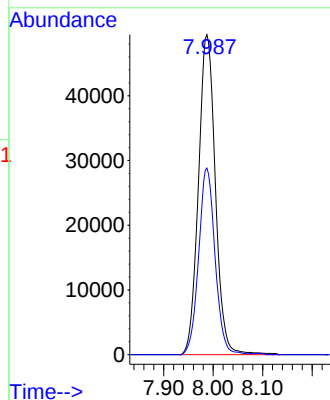
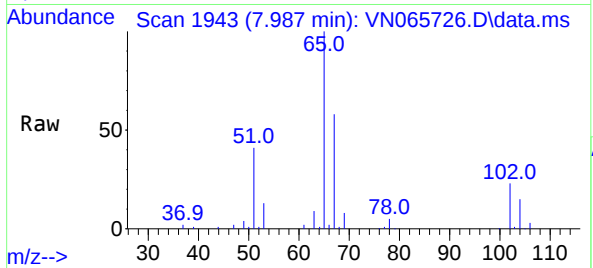




#33
1,2-Dichloroethane-d4
Concen: 46.57 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

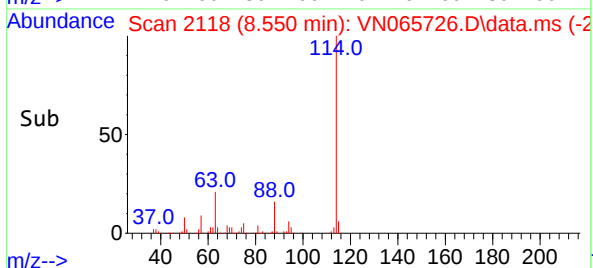
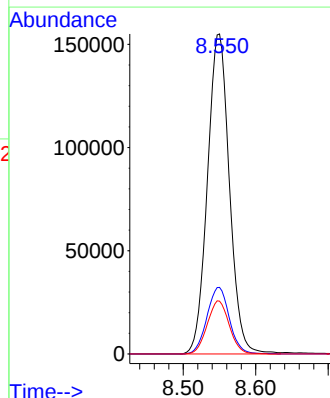
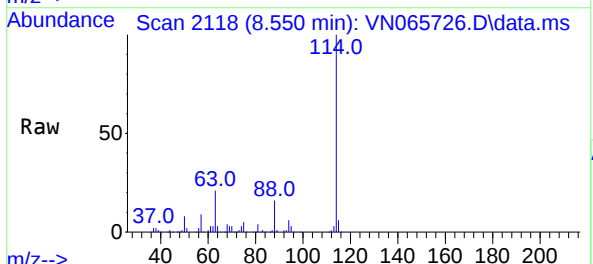
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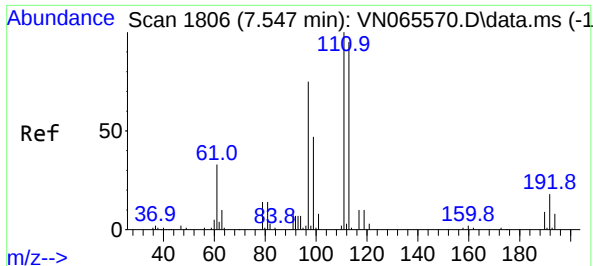
Tgt Ion: 65 Resp: 117976
Ion Ratio Lower Upper
65 100
67 56.3 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

Tgt Ion: 114 Resp: 326314
Ion Ratio Lower Upper
114 100
63 20.8 0.0 38.6
88 16.5 0.0 30.6

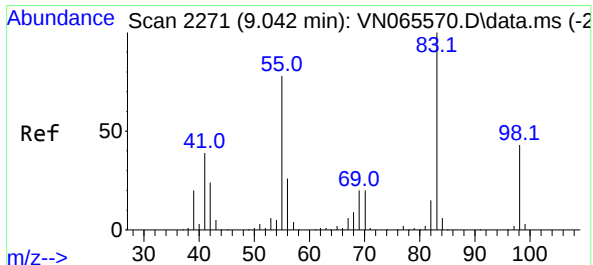
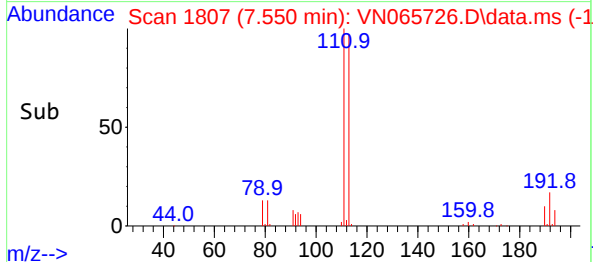
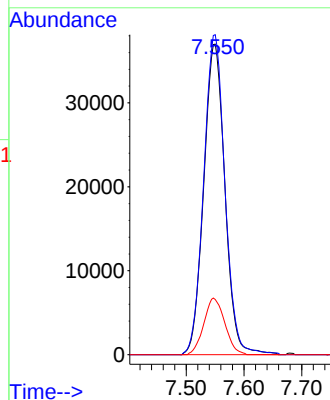
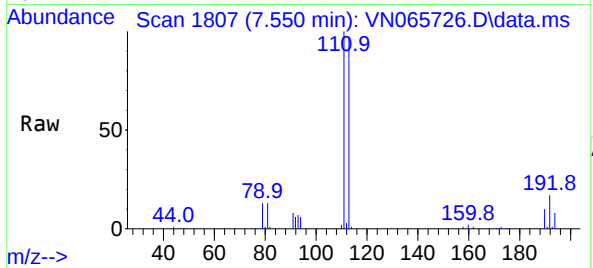




#35
Dibromofluoromethane
Concen: 48.80 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

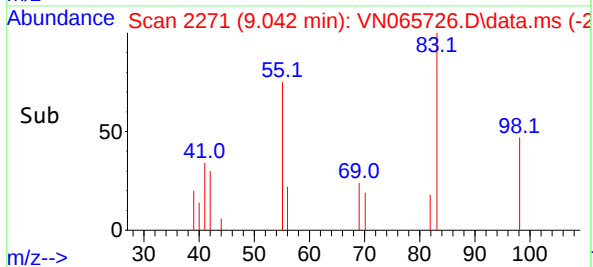
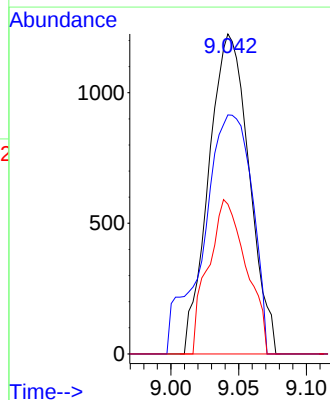
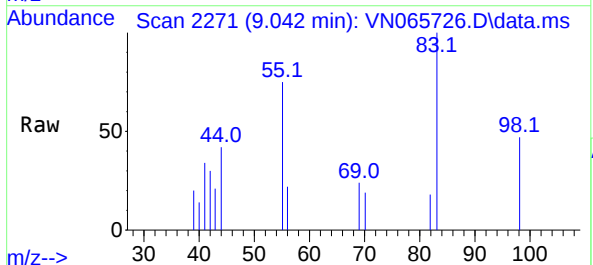
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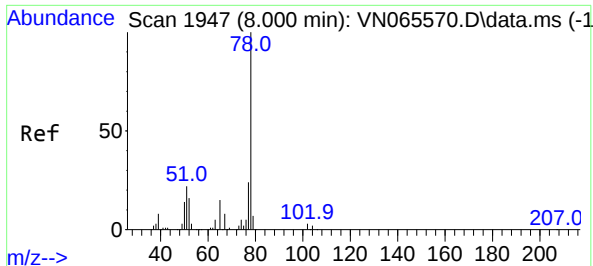
Tgt Ion:113 Resp: 94367
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.0 15.4 23.0



#39
Methylcyclohexane
Concen: 0.63 ug/l
RT: 9.042 min Scan# 2271
Delta R.T. 0.000 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

Tgt Ion: 83 Resp: 2539
Ion Ratio Lower Upper
83 100
55 74.7 58.9 88.3
98 46.8 35.9 53.9

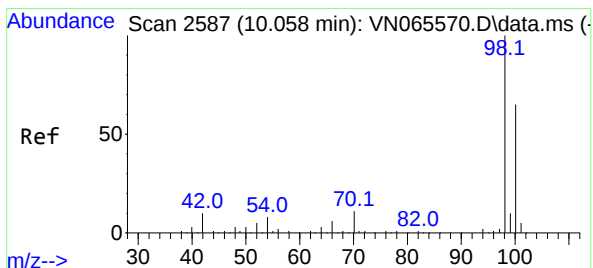
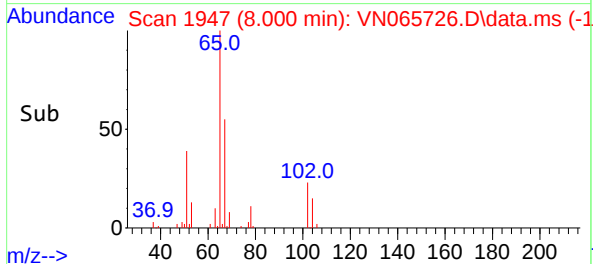
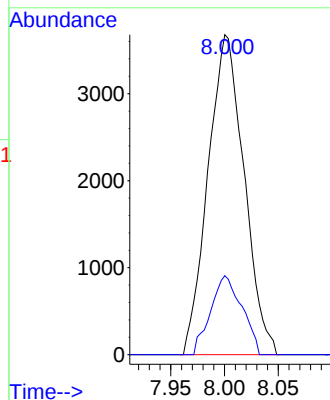
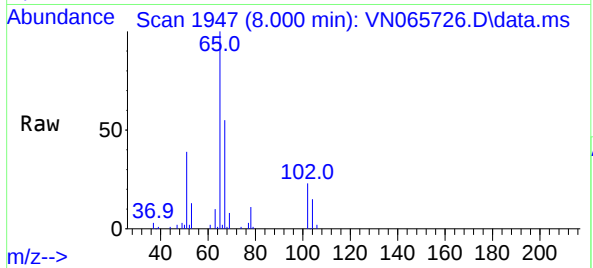




#40
Benzene
Concen: 0.86 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

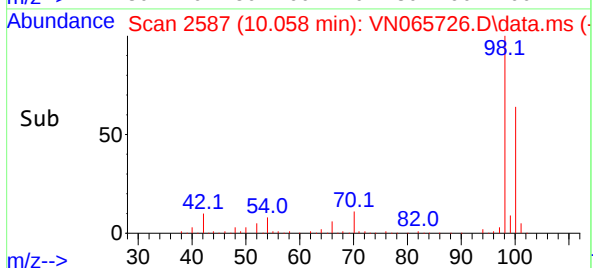
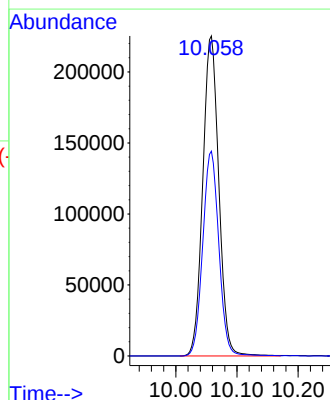
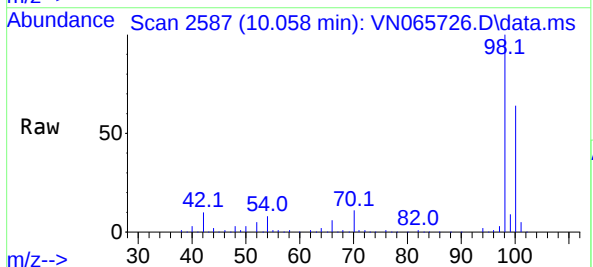
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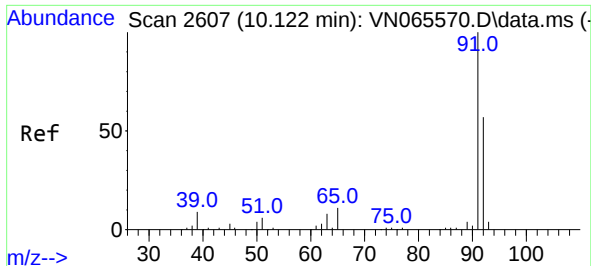
Tgt Ion: 78 Resp: 8577
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.4



#50
Toluene-d8
Concen: 54.02 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

Tgt Ion: 98 Resp: 410586
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7

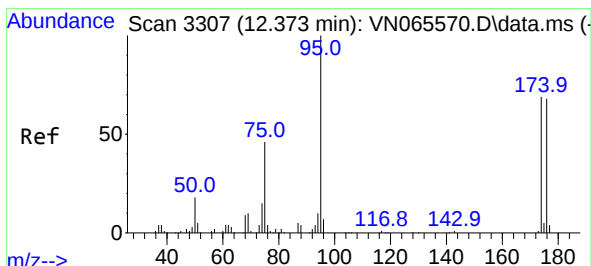
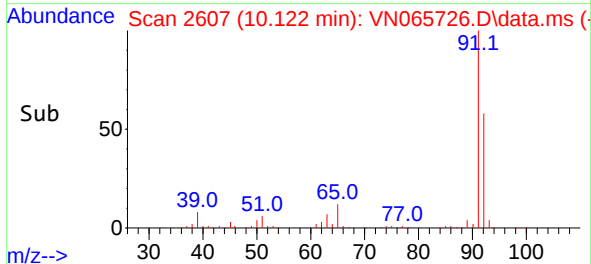
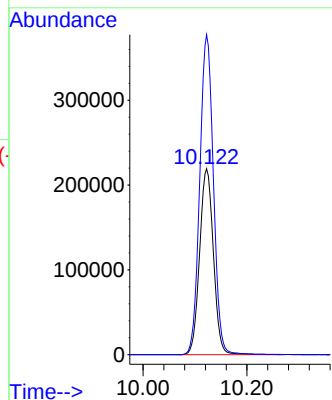
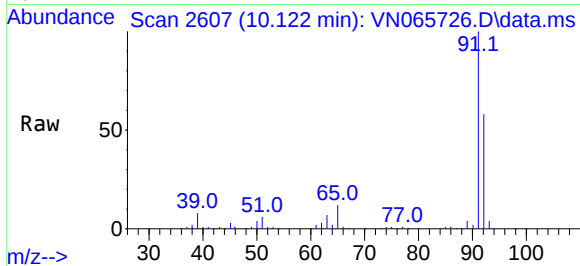




#52
Toluene
Concen: 67.93 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

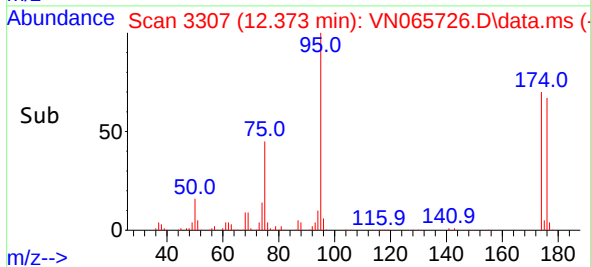
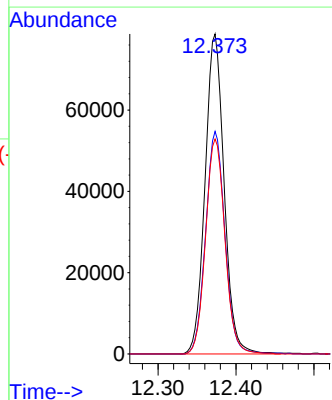
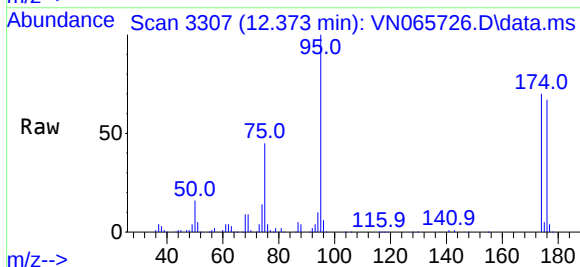
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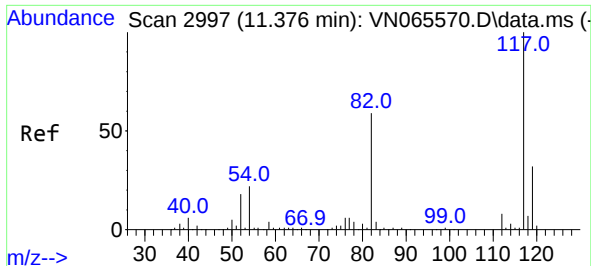
Tgt Ion: 92 Resp: 403497
Ion Ratio Lower Upper
92 100
91 170.9 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 48.93 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

Tgt Ion: 95 Resp: 133940
Ion Ratio Lower Upper
95 100
174 70.3 0.0 169.0
176 68.3 0.0 162.4

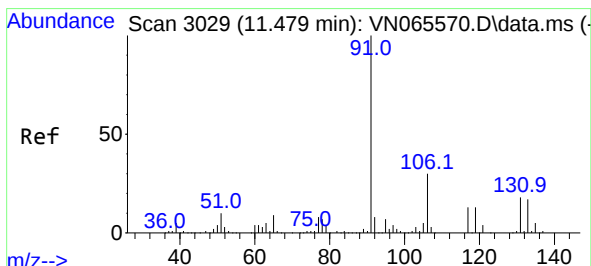
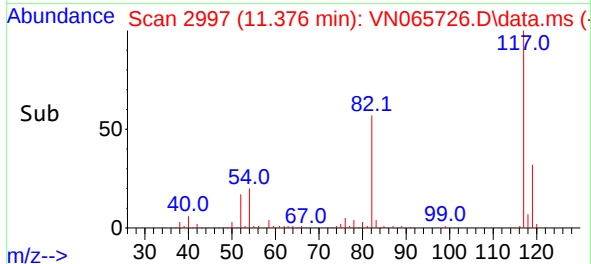
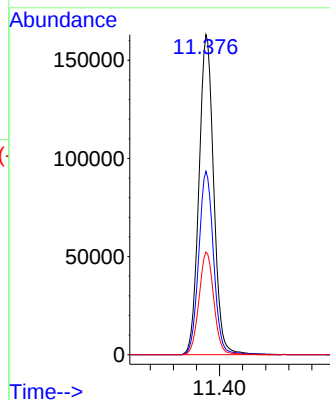
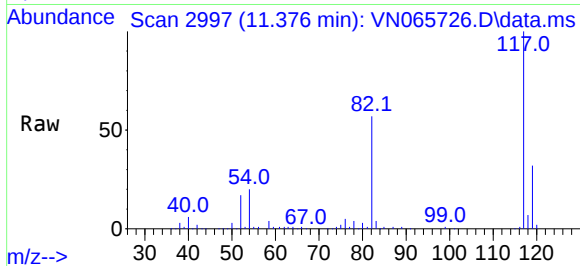




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

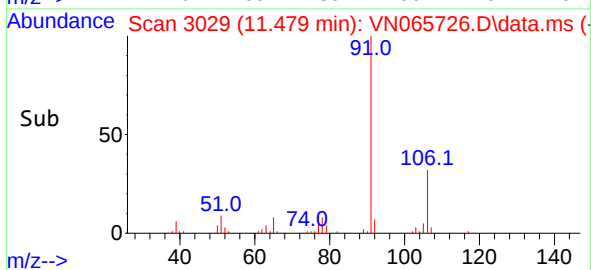
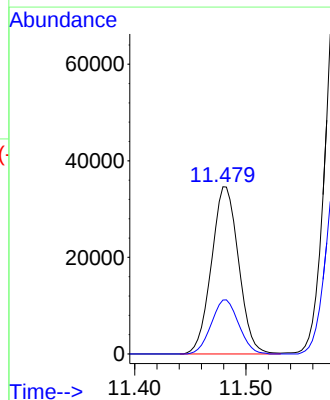
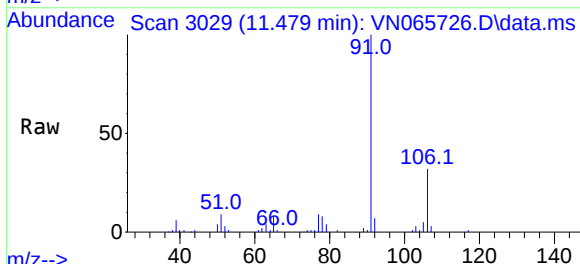
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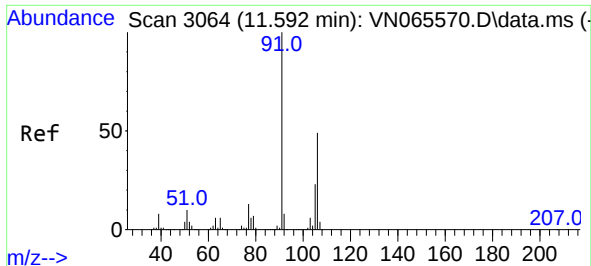
Tgt Ion:117 Resp: 288746
Ion Ratio Lower Upper
117 100
82 57.3 43.7 65.5
119 32.1 26.1 39.1



#67
Ethyl Benzene
Concen: 5.17 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

Tgt Ion: 91 Resp: 58667
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3

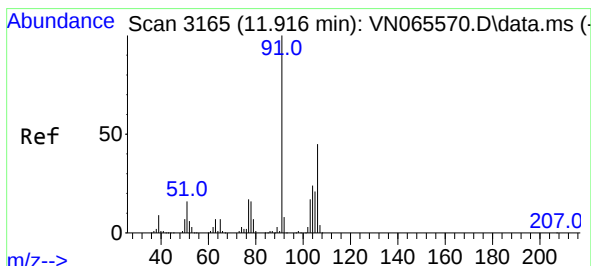
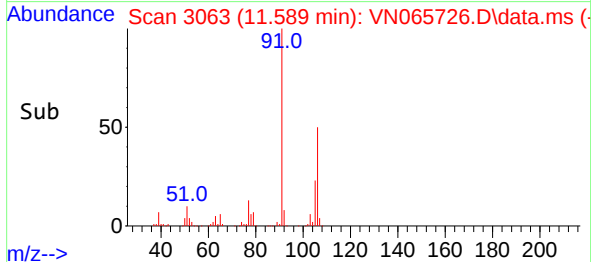
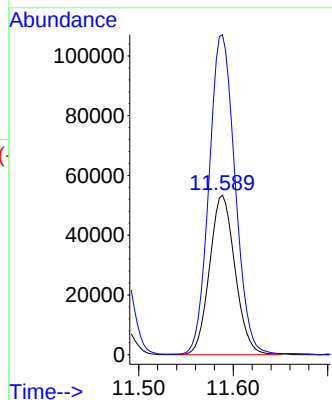
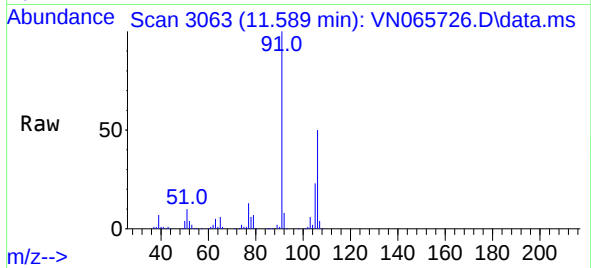




#68
m/p-Xylenes
Concen: 24.32 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

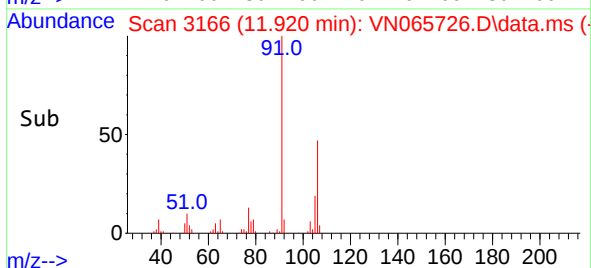
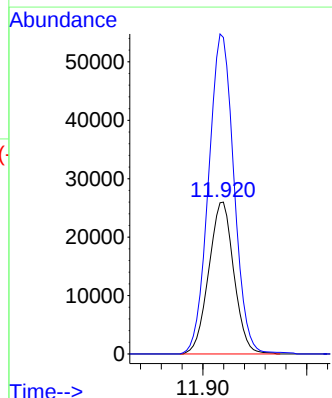
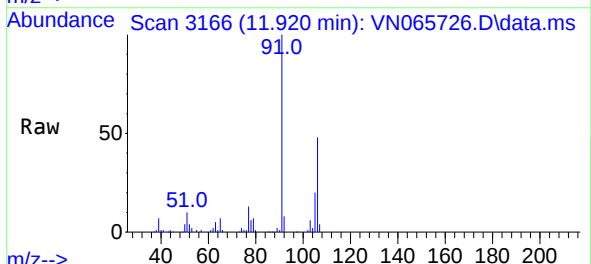
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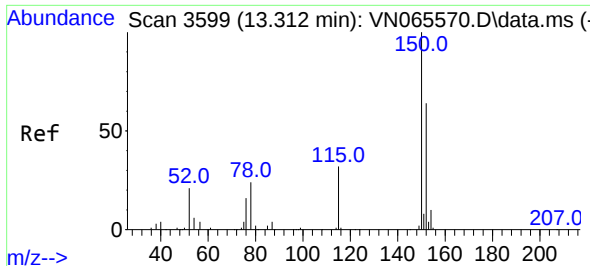
Tgt Ion:106 Resp: 99909
Ion Ratio Lower Upper
106 100
91 204.3 161.4 242.0



#69
o-Xylene
Concen: 10.97 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.004 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

Tgt Ion:106 Resp: 43668
Ion Ratio Lower Upper
106 100
91 213.3 106.8 320.4

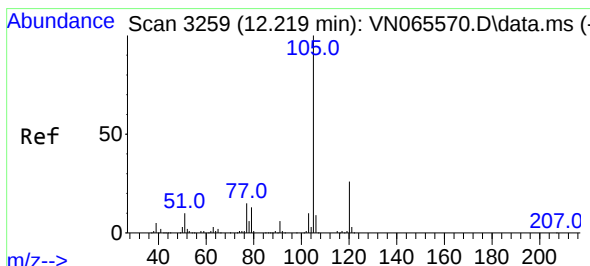
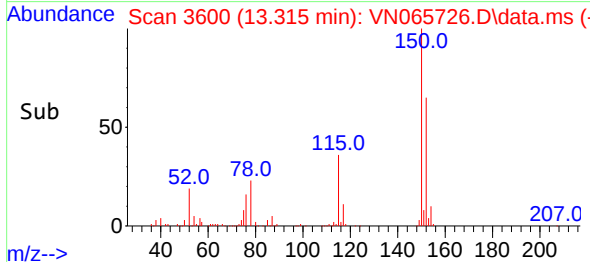
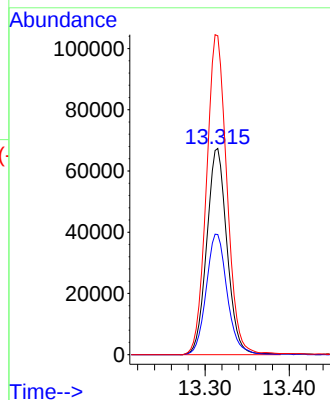
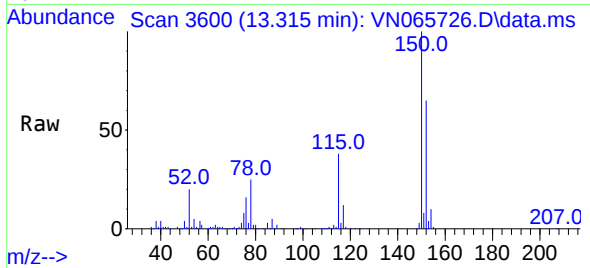




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

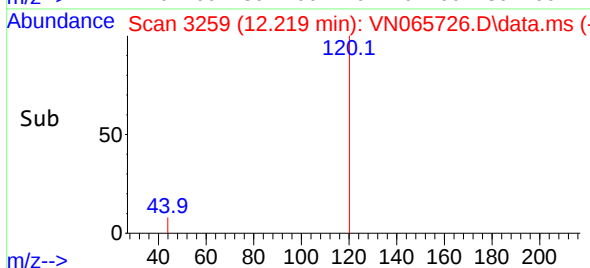
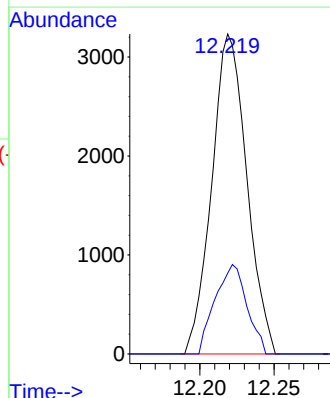
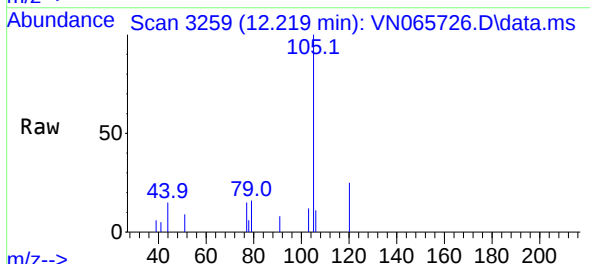
Instrument :
MSVOA_N
ClientSampled :
40966

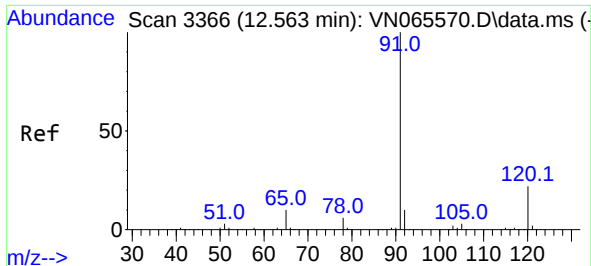
Tgt Ion:152 Resp: 112916
Ion Ratio Lower Upper
152 100
115 60.5 28.5 85.6
150 156.5 0.0 347.6



#73
Isopropylbenzene
Concen: 0.54 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

Tgt Ion:105 Resp: 5296
Ion Ratio Lower Upper
105 100
120 25.4 13.3 39.9

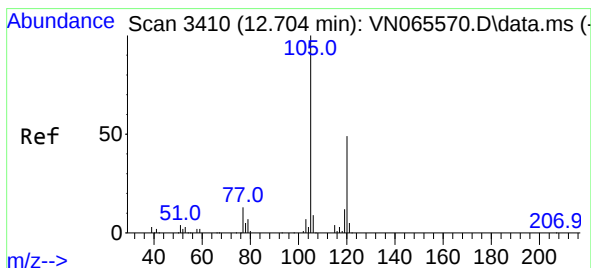
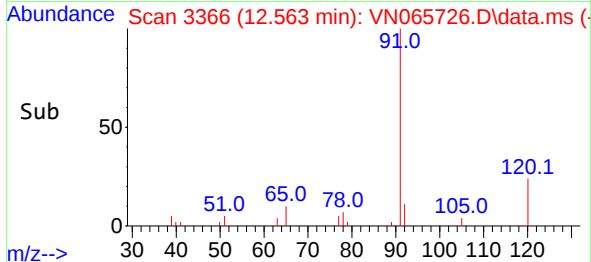
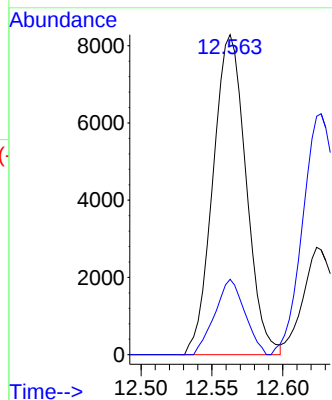
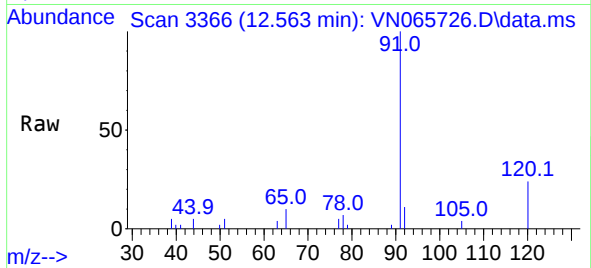




#78
n-propylbenzene
Concen: 1.16 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

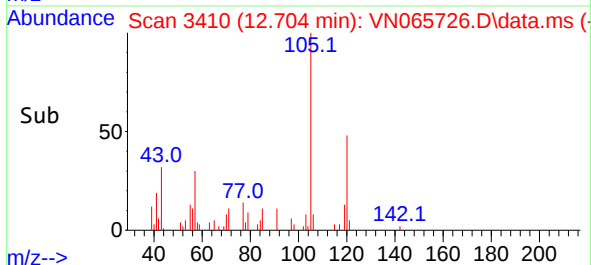
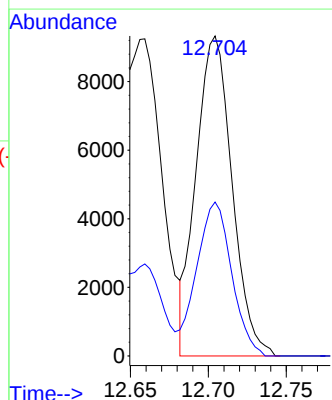
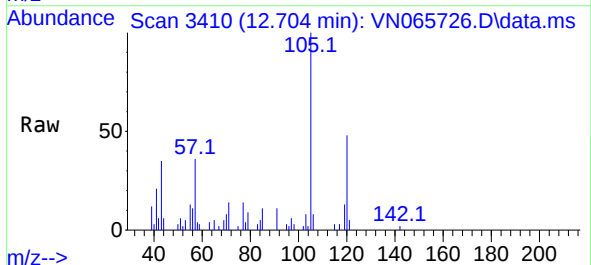
Instrument :
MSVOA_N
ClientSampled :
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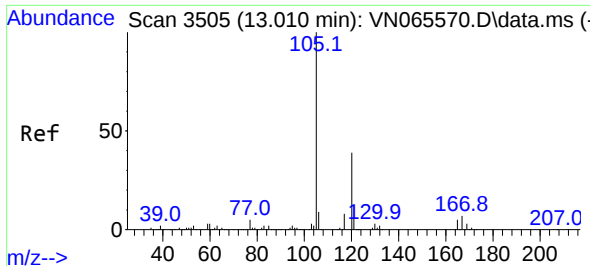
Tgt Ion: 91 Resp: 13471
Ion Ratio Lower Upper
91 100
120 21.3 11.8 35.3



#80
1,3,5-Trimethylbenzene
Concen: 1.78 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

Tgt Ion: 105 Resp: 14984
Ion Ratio Lower Upper
105 100
120 47.3 24.3 72.8

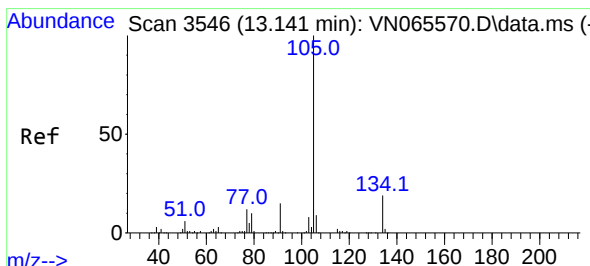
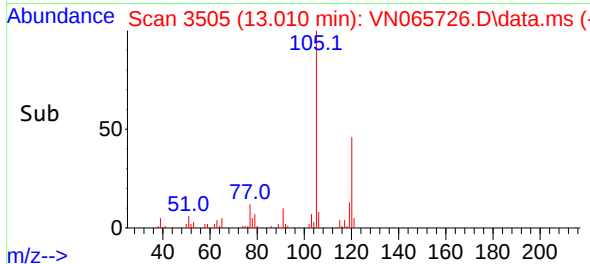
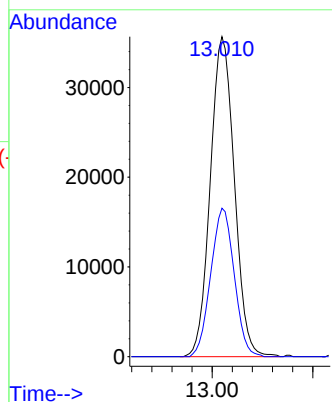
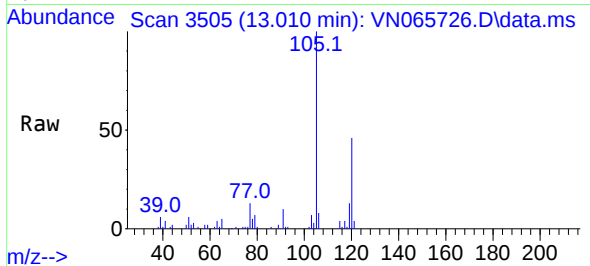




#84
1,2,4-Trimethylbenzene
Concen: 7.05 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

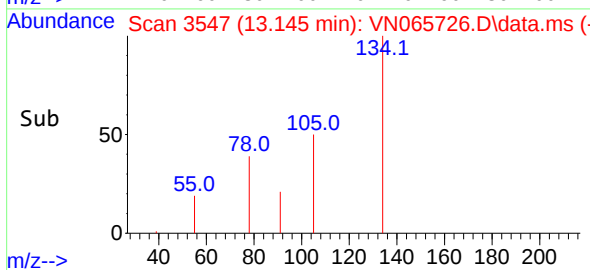
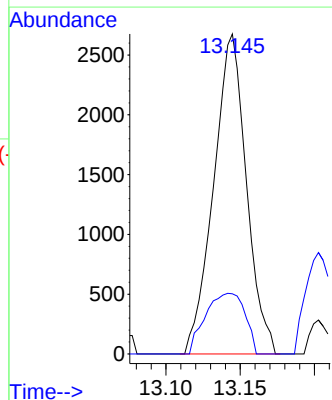
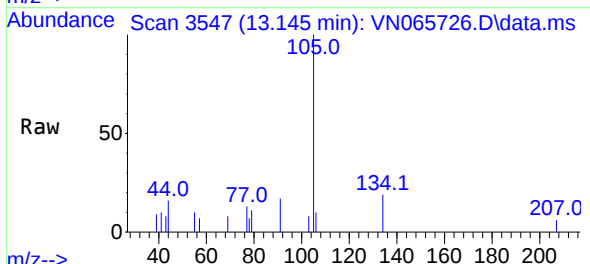
Instrument :
MSVOA_N
ClientSampled :
40966

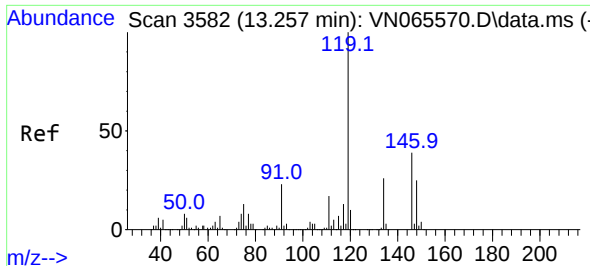
Tgt Ion:105 Resp: 59178
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.0



#85
sec-Butylbenzene
Concen: 0.43 ug/l
RT: 13.145 min Scan# 3547
Delta R.T. 0.004 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

Tgt Ion:105 Resp: 4109
Ion Ratio Lower Upper
105 100
134 22.8 10.0 30.0

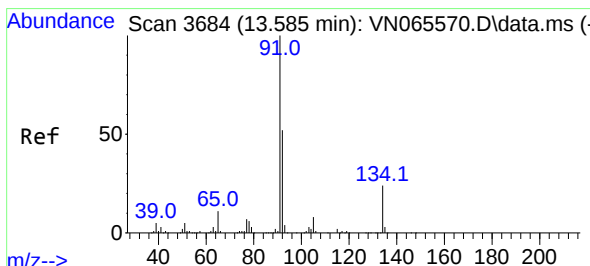
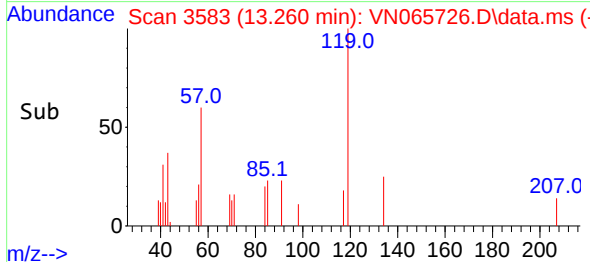
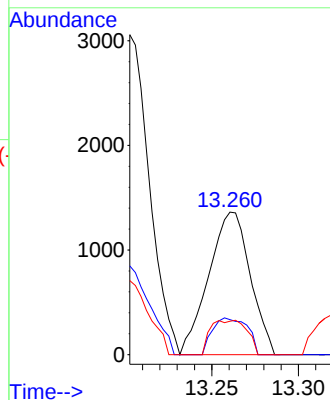
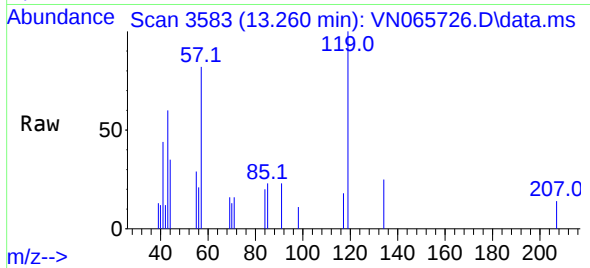




#86
p-Isopropyltoluene
Concen: 0.27 ug/l
RT: 13.260 min Scan# 3583
Delta R.T. 0.003 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

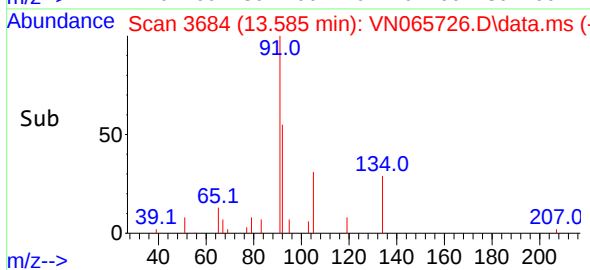
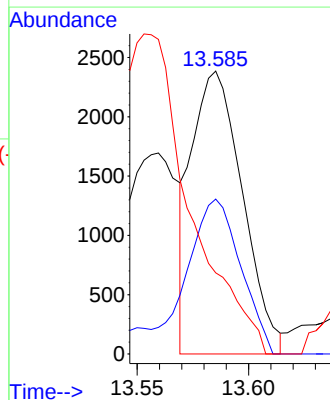
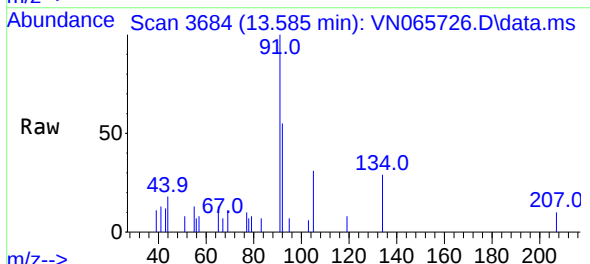
Instrument :
MSVOA_N
ClientSampled :
40966

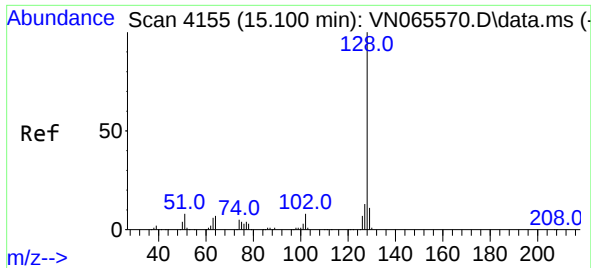
Tgt Ion:119 Resp: 2271
Ion Ratio Lower Upper
119 100
134 21.6 13.3 39.8
91 21.1 11.8 35.3



#89
n-Butylbenzene
Concen: 0.50 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

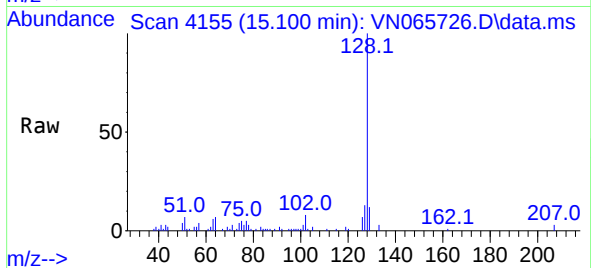
Tgt Ion: 91 Resp: 3781
Ion Ratio Lower Upper
91 100
92 62.8 26.1 78.3
134 0.0 13.0 38.9#





#95
Naphthalene
Concen: 8.60 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065726.D
Acq: 4 Feb 2021 18:47

Instrument :
MSVOA_N
ClientSampleId :
40966



Tgt Ion:128 Resp: 40467
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.8 8.6 13.0

