

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022321\
 Data File : VN065983.D
 Acq On : 23 Feb 2021 14:05
 Operator : JC/MD
 Sample : M1461-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31155

Quant Time: Feb 24 00:34:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

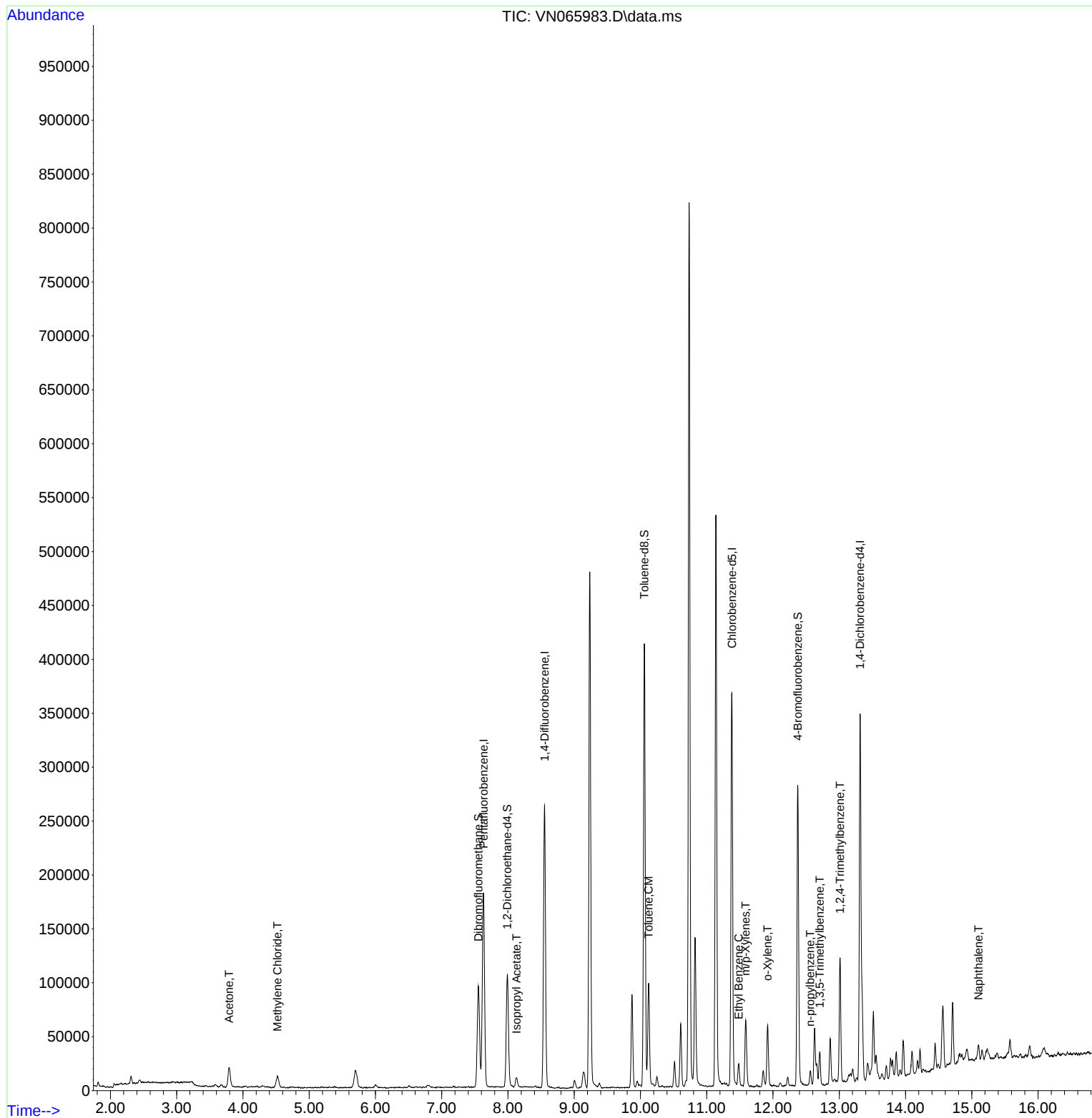
Internal Standards						
1) Pentafluorobenzene	7.630	168	146997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	244216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	224421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	96018	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	96026	46.71	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.42%		
35) Dibromofluoromethane	7.553	113	73173	48.41	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.82%		
50) Toluene-d8	10.058	98	293831	47.36	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.72%		
62) 4-Bromofluorobenzene	12.373	95	108424	46.55	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.10%		
Target Compounds						
						Qvalue
16) Acetone	3.791	43	31434	47.38	ug/l	97
20) Methylene Chloride	4.521	84	8572	4.50	ug/l	97
43) Isopropyl Acetate	8.129	43	9630	2.78	ug/l	93
52) Toluene	10.122	92	43569	9.60	ug/l	96
67) Ethyl Benzene	11.482	91	15970	1.88	ug/l	97
68) m/p-Xylenes	11.589	106	20406	6.44	ug/l	99
69) o-Xylene	11.920	106	15586	5.10	ug/l	94
78) n-propylbenzene	12.563	91	10937	1.23	ug/l	99
80) 1,3,5-Trimethylbenzene	12.704	105	18155	2.73	ug/l	99
84) 1,2,4-Trimethylbenzene	13.013	105	70627	10.57	ug/l	99
95) Naphthalene	15.100	128	12474	5.16	ug/l	99

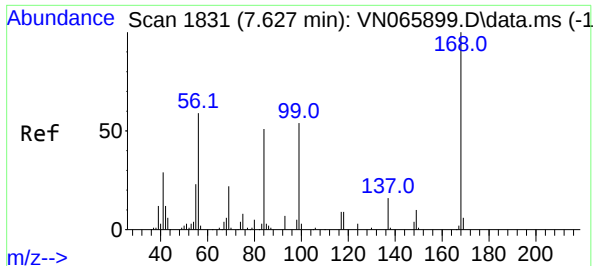
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA_N/WATER
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 17 15:48:13 2021
Response via : Initial Calibration

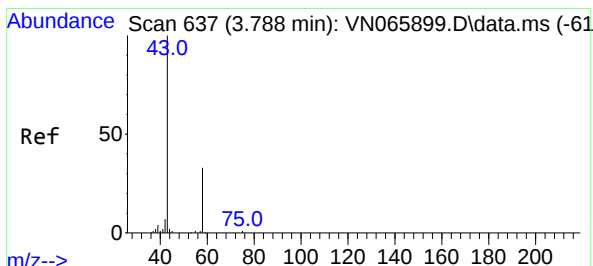
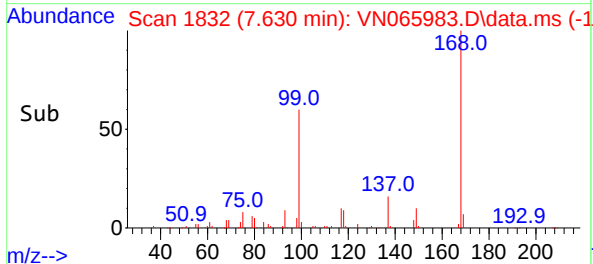
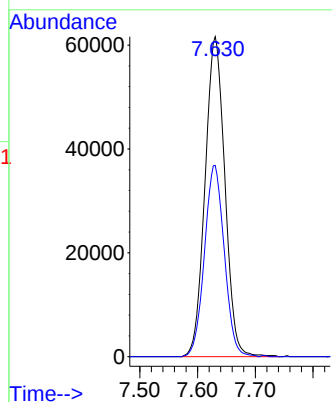
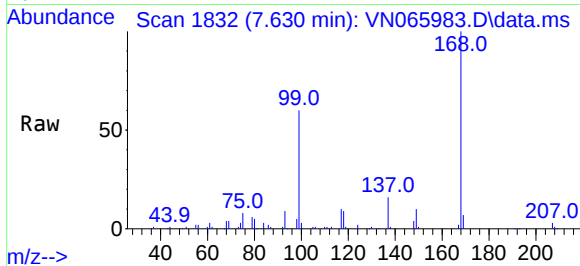




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

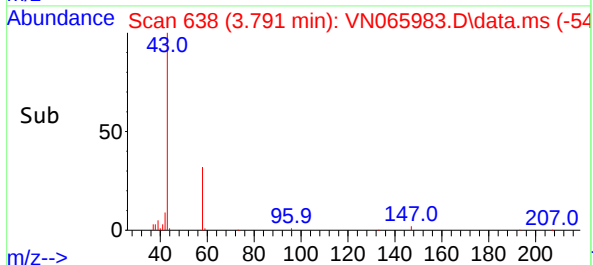
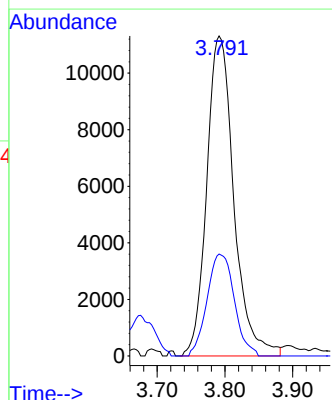
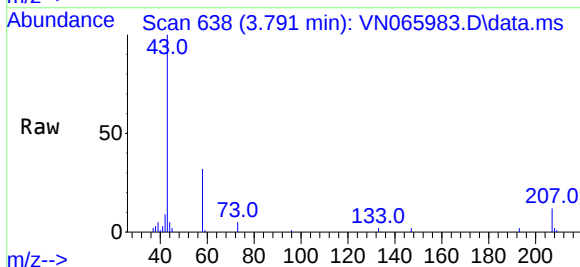
Instrument :
MSVOA_N
ClientSampleId :
31155

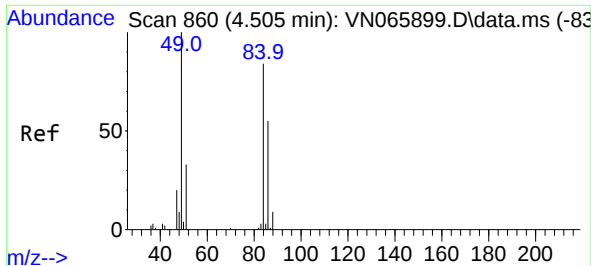
Tgt Ion:168 Resp: 146997
Ion Ratio Lower Upper
168 100
99 59.8 42.6 63.8



#16
Acetone
Concen: 47.38 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.003 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

Tgt Ion: 43 Resp: 31434
Ion Ratio Lower Upper
43 100
58 31.9 27.0 40.6



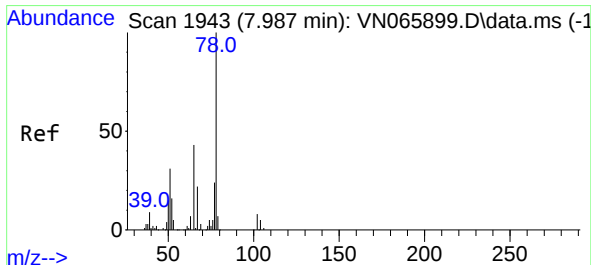
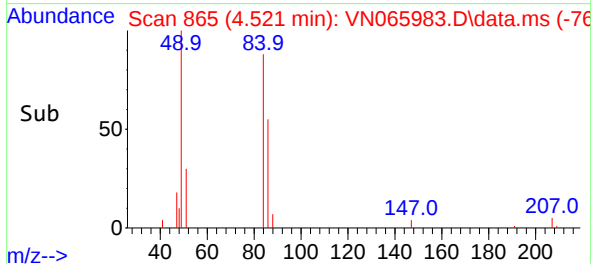
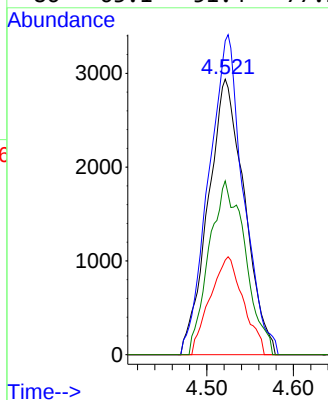
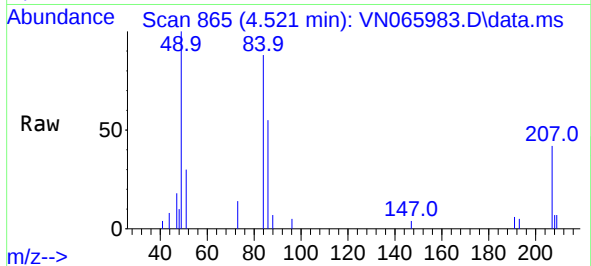


#20
Methylene Chloride
Concen: 4.50 ug/l
RT: 4.521 min Scan# 865
Delta R.T. 0.016 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

Instrument :
MSVOA_N
ClientSampleId :
31155

Tgt Ion: 84 Resp: 8572

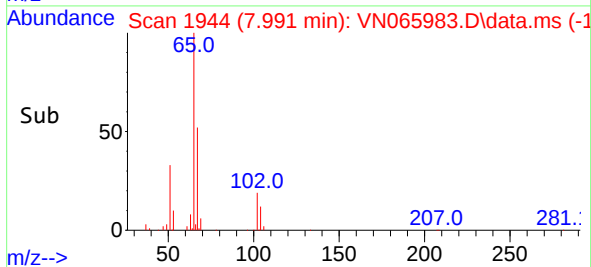
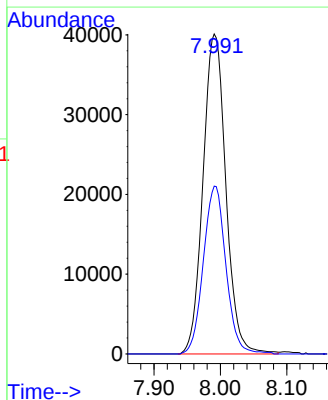
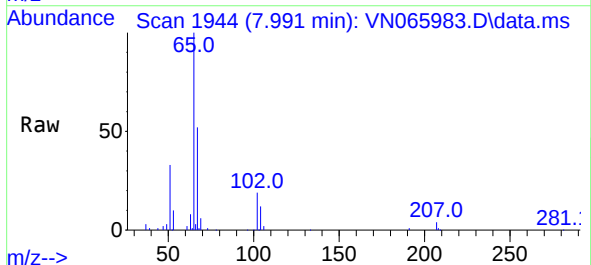
Ion	Ratio	Lower	Upper
84	100		
49	114.0	94.6	141.8
51	34.3	29.9	44.9
86	63.1	51.4	77.2

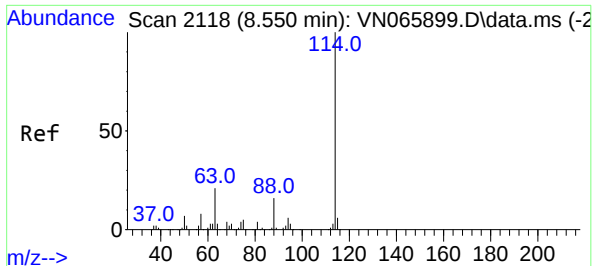


#33
1,2-Dichloroethane-d4
Concen: 46.71 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

Tgt Ion: 65 Resp: 96026

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	107.2



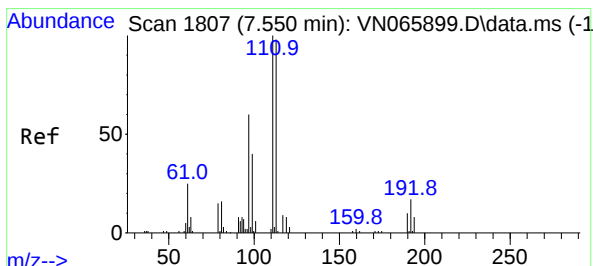
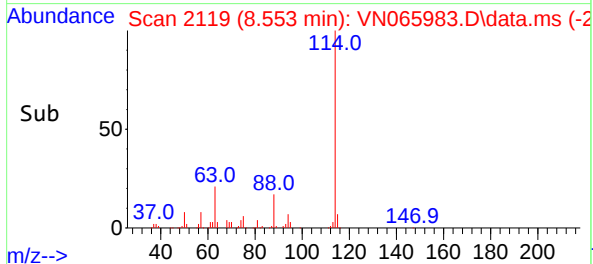
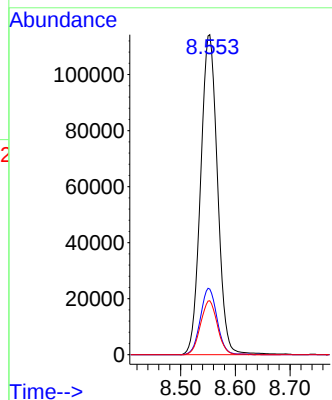
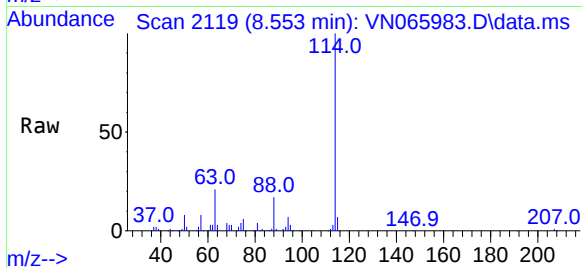


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

Instrument :
MSVOA_N
ClientSampleId :
31155

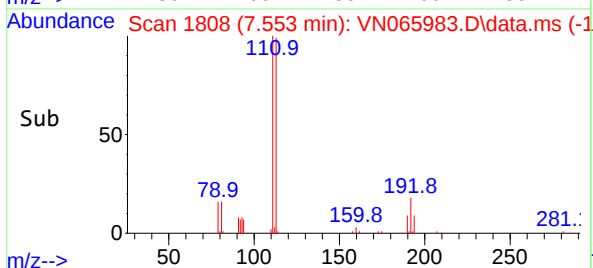
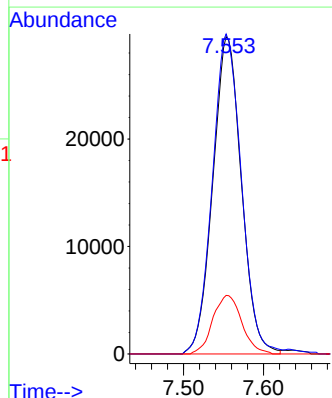
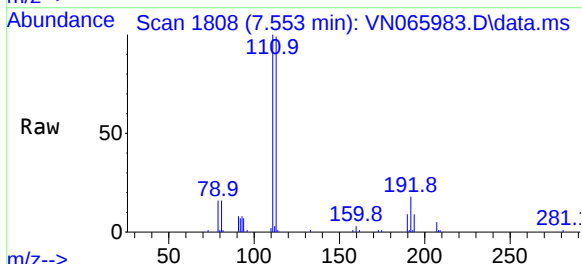
Tgt Ion:114 Resp: 244216
Ion Ratio Lower Upper
114 100
63 20.5 0.0 38.6
88 16.9 0.0 30.6

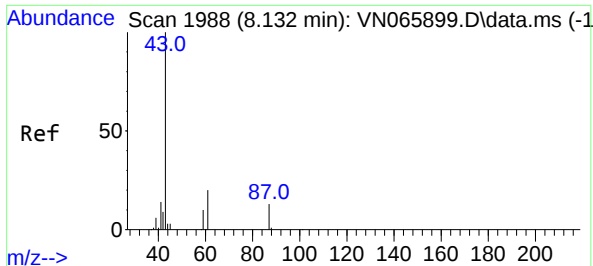


#35

Dibromofluoromethane
Concen: 48.41 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

Tgt Ion:113 Resp: 73173
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 18.8 15.4 23.0

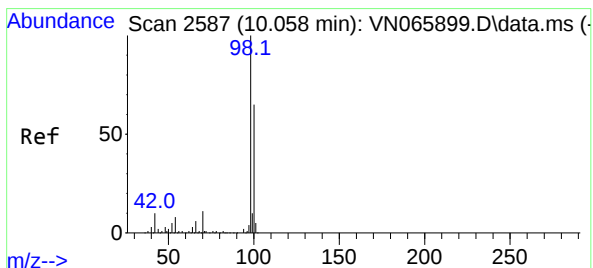
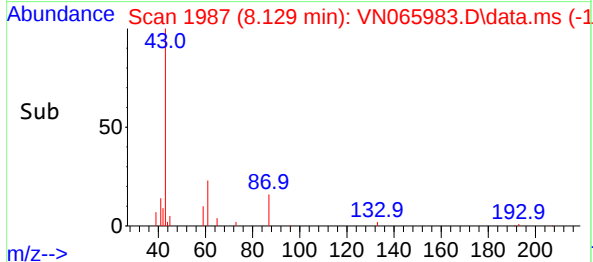
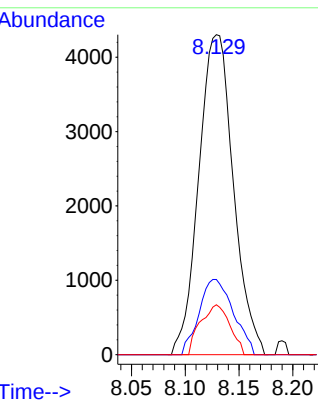
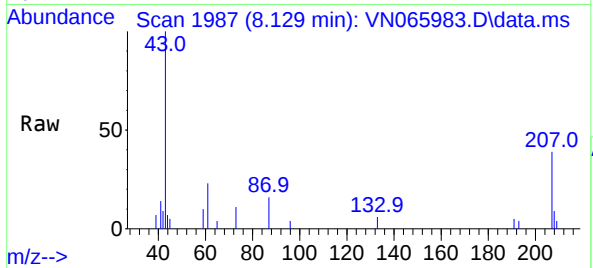




#43
Isopropyl Acetate
Concen: 2.78 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.003 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

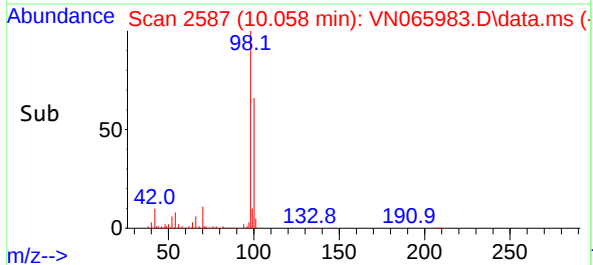
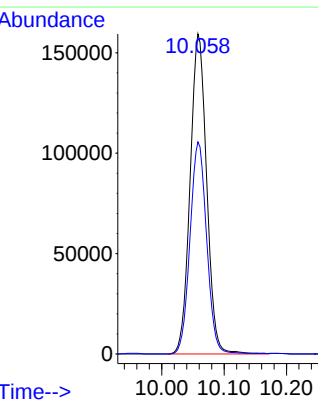
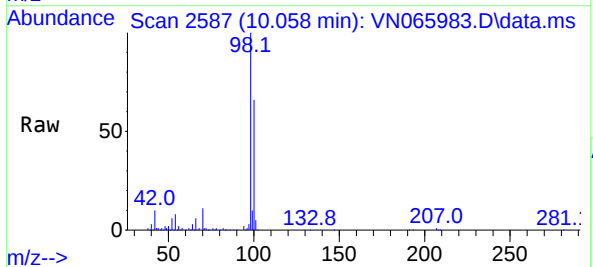
Instrument :
MSVOA_N
ClientSampled :
31155

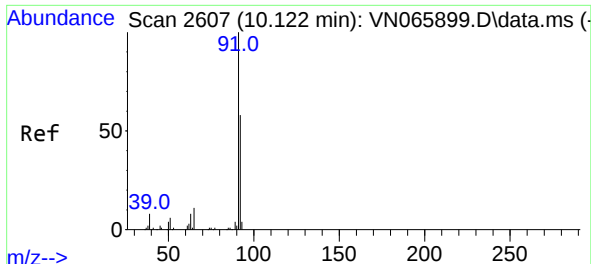
Tgt Ion: 43	Resp: 9630
Ion Ratio	Lower Upper
43	100
61	23.3 22.5 33.7
87	13.2 11.1 16.7



#50
Toluene-d8
Concen: 47.36 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

Tgt Ion: 98	Resp: 293831
Ion Ratio	Lower Upper
98	100
100	66.7 50.5 75.7

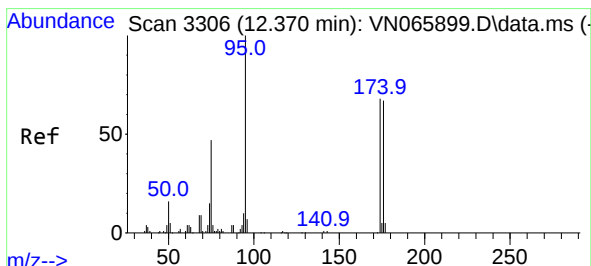
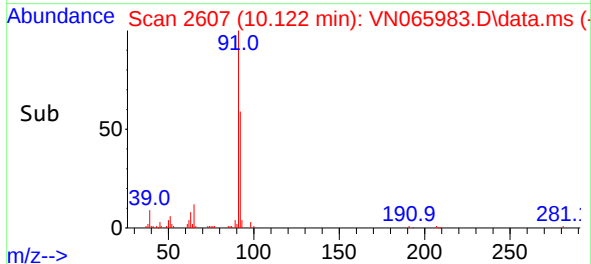
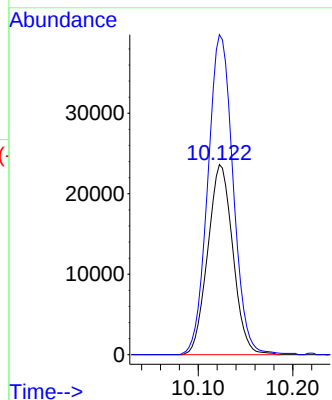
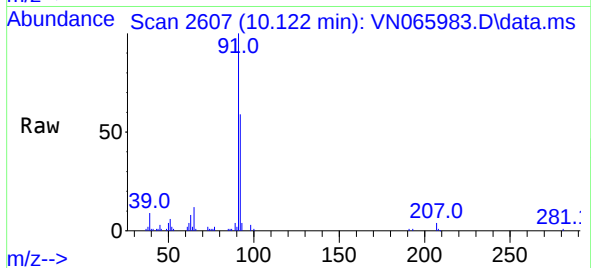




#52
Toluene
Concen: 9.60 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

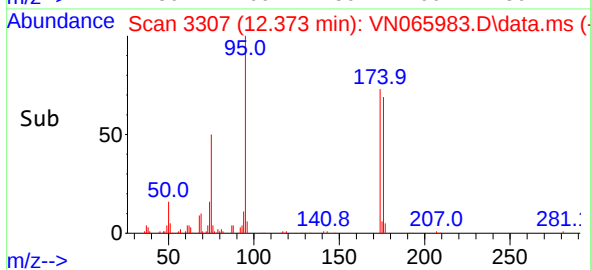
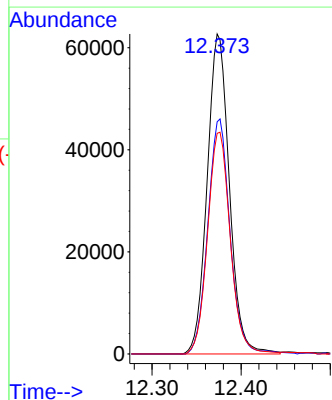
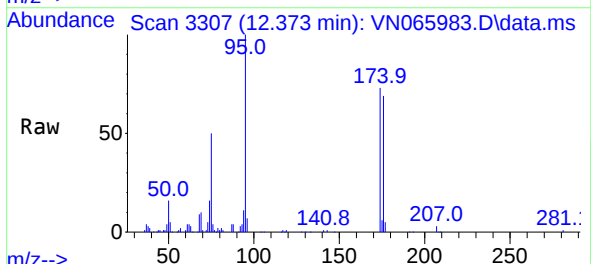
Instrument :
MSVOA_N
ClientSampleId :
31155

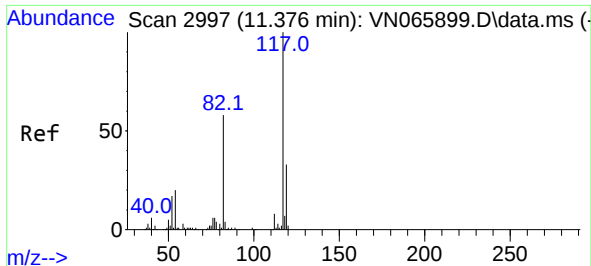
Tgt Ion: 92 Resp: 43569
Ion Ratio Lower Upper
92 100
91 169.9 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 46.55 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

Tgt Ion: 95 Resp: 108424
Ion Ratio Lower Upper
95 100
174 73.8 0.0 169.0
176 70.6 0.0 162.4

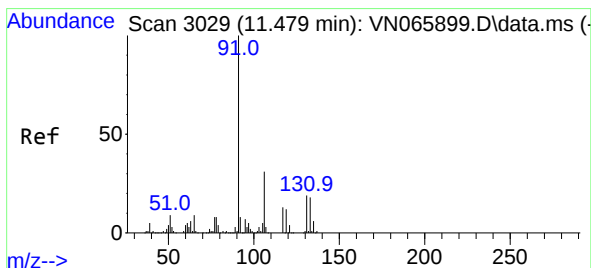
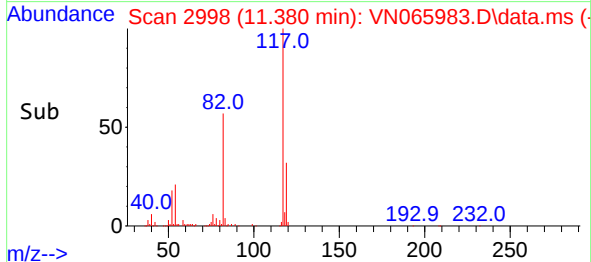
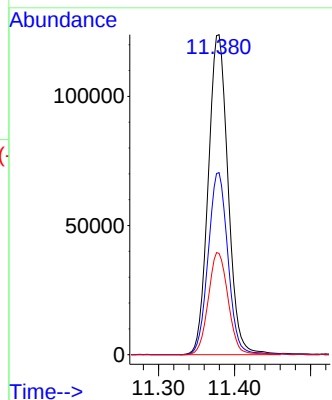
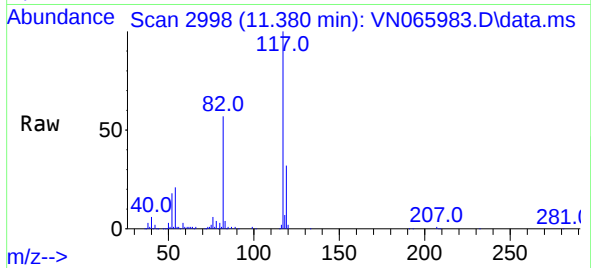




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

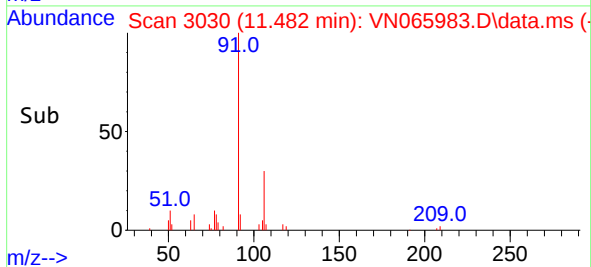
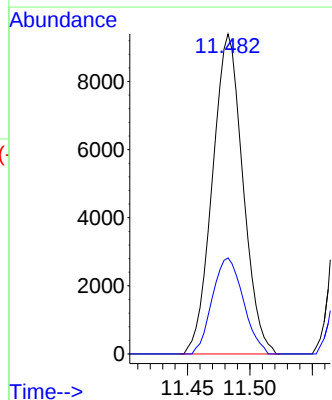
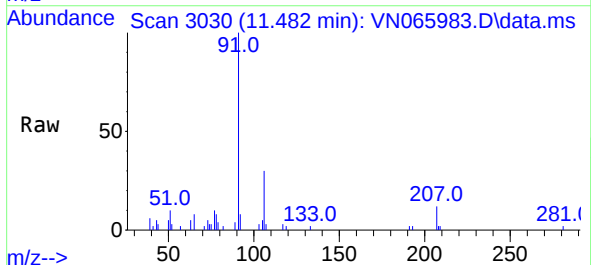
Instrument :
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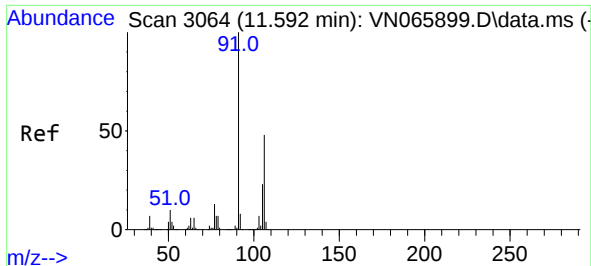
Tgt Ion:117 Resp: 224421
Ion Ratio Lower Upper
117 100
82 56.9 43.7 65.5
119 31.6 26.1 39.1



#67
Ethyl Benzene
Concen: 1.88 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

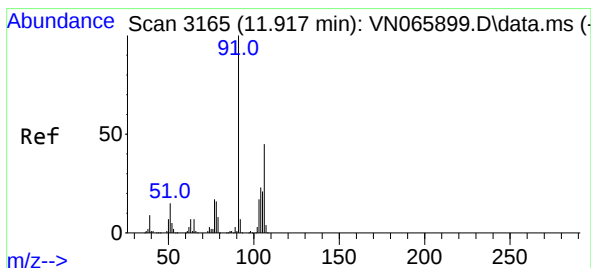
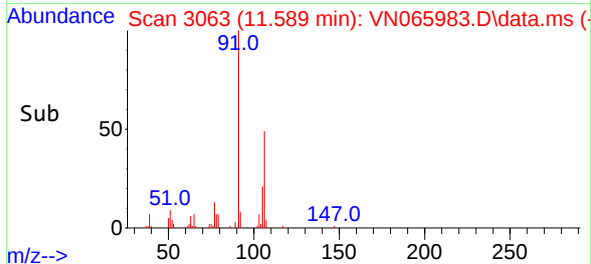
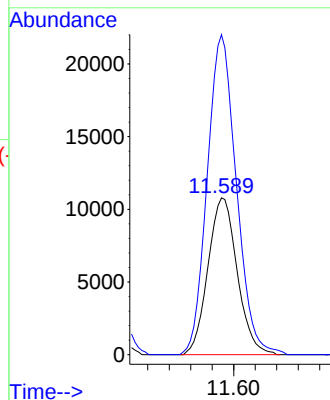
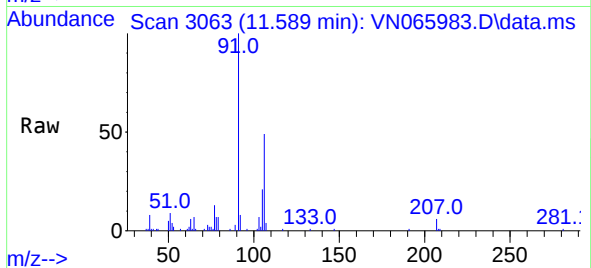
Tgt Ion: 91 Resp: 15970
Ion Ratio Lower Upper
91 100
106 30.0 25.5 38.3





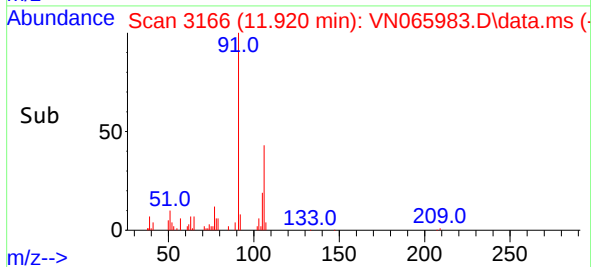
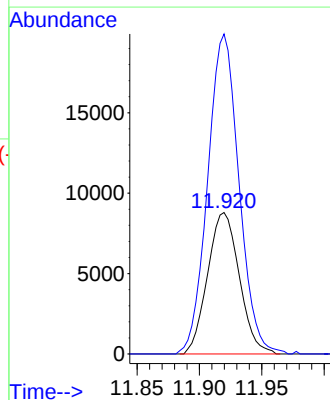
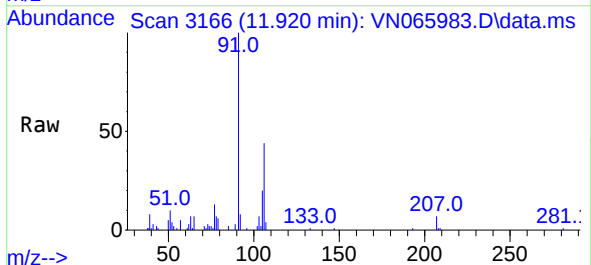
#68
m/p-Xylenes
Concen: 6.44 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

Tgt Ion:106 Resp: 20406
Ion Ratio Lower Upper
106 100
91 203.0 161.4 242.0

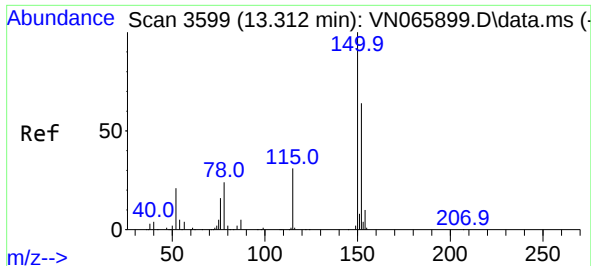


#69
o-Xylene
Concen: 5.10 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

Tgt Ion:106 Resp: 15586
Ion Ratio Lower Upper
106 100
91 223.1 106.8 320.4



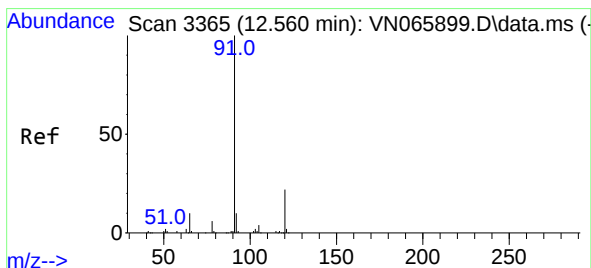
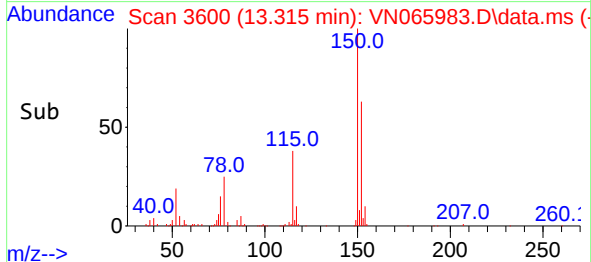
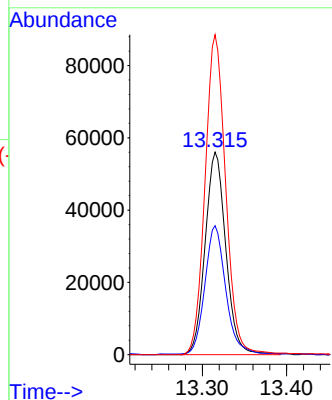
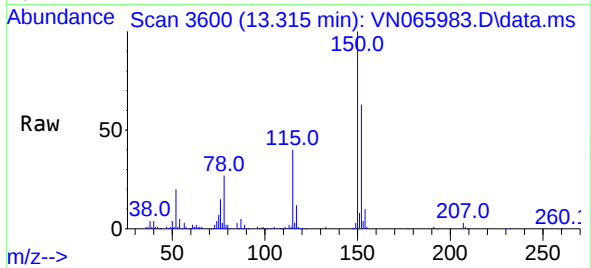
Instrument :
MSVOA_N
ClientSampleId :
31155



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

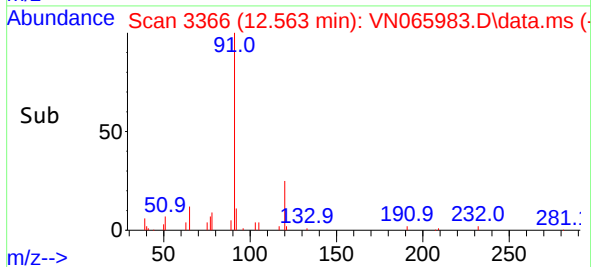
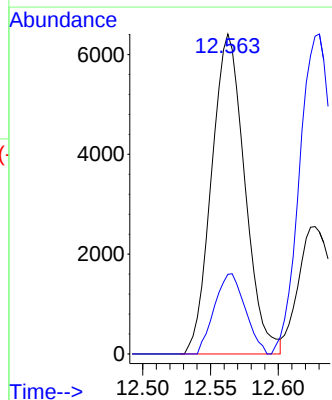
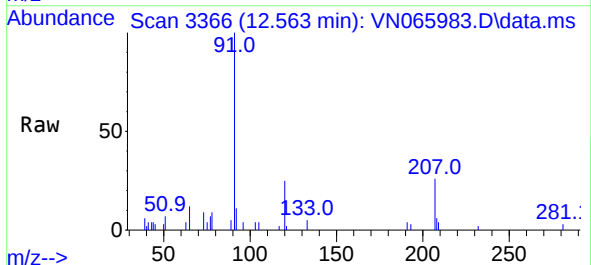
Instrument :
MSVOA_N
ClientSampleId :
31155

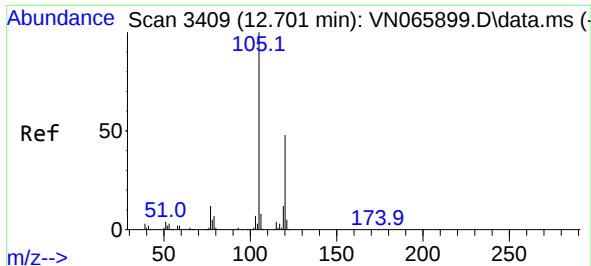
Tgt Ion:152 Resp: 96018
Ion Ratio Lower Upper
152 100
115 63.4 28.5 85.6
150 157.6 0.0 347.6



#78
n-propylbenzene
Concen: 1.23 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. 0.003 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

Tgt Ion: 91 Resp: 10937
Ion Ratio Lower Upper
91 100
120 23.2 11.8 35.3

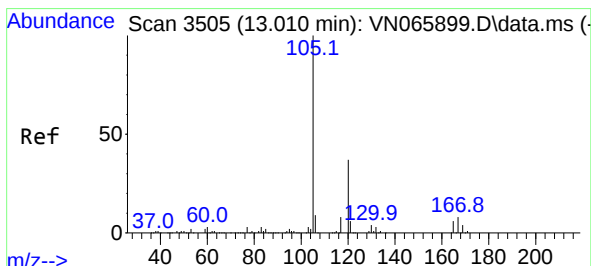
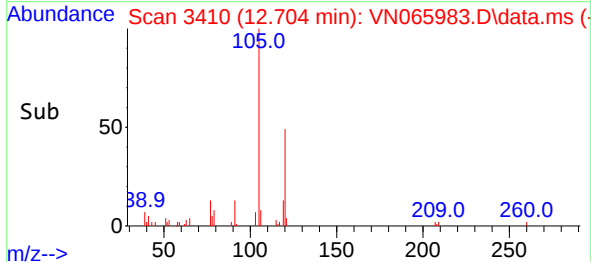
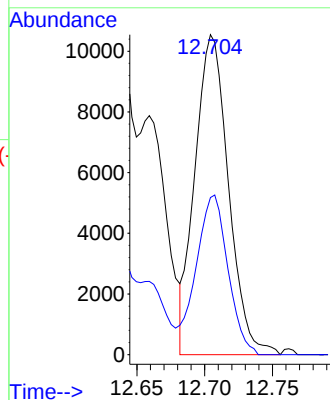
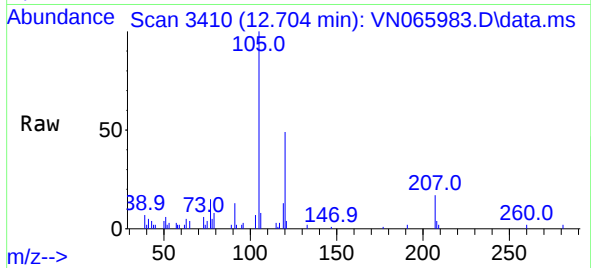




#80
1,3,5-Trimethylbenzene
Concen: 2.73 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

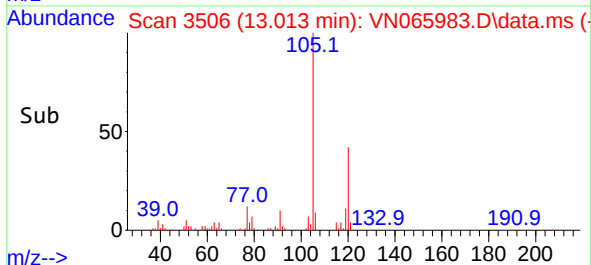
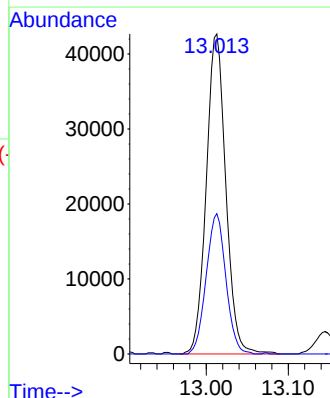
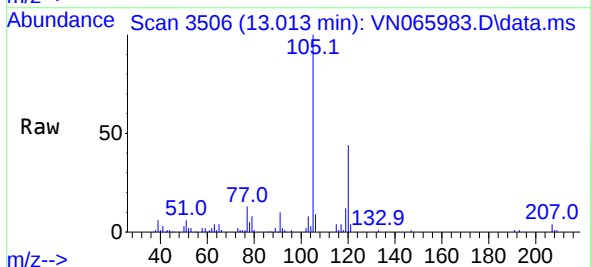
Tgt Ion:105 Resp: 18155
Ion Ratio Lower Upper
105 100
120 47.7 24.3 72.8

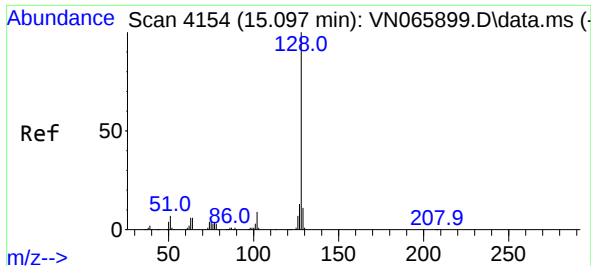
Instrument :
MSVOA_N
ClientSampled :
31155



#84
1,2,4-Trimethylbenzene
Concen: 10.57 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.003 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

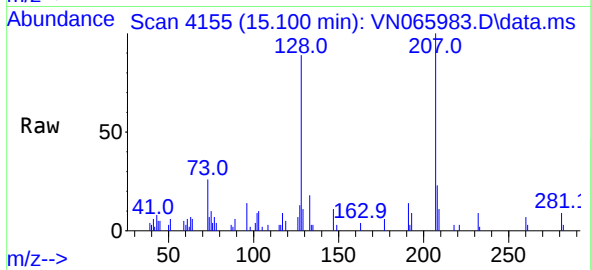
Tgt Ion:105 Resp: 70627
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.0





#95
Naphthalene
Concen: 5.16 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.003 min
Lab File: VN065983.D
Acq: 23 Feb 2021 14:05

Instrument :
MSVOA_N
ClientSampleId :
31155



Tgt Ion:	128	Resp:	12474
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	11.5	8.6	13.0

