

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
 Data File : VN065616.D
 Acq On : 26 Jan 2021 20:07
 Operator : JC/MD
 Sample : M1216-02 20X
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PS-104

Quant Time: Jan 27 03:33:22 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)

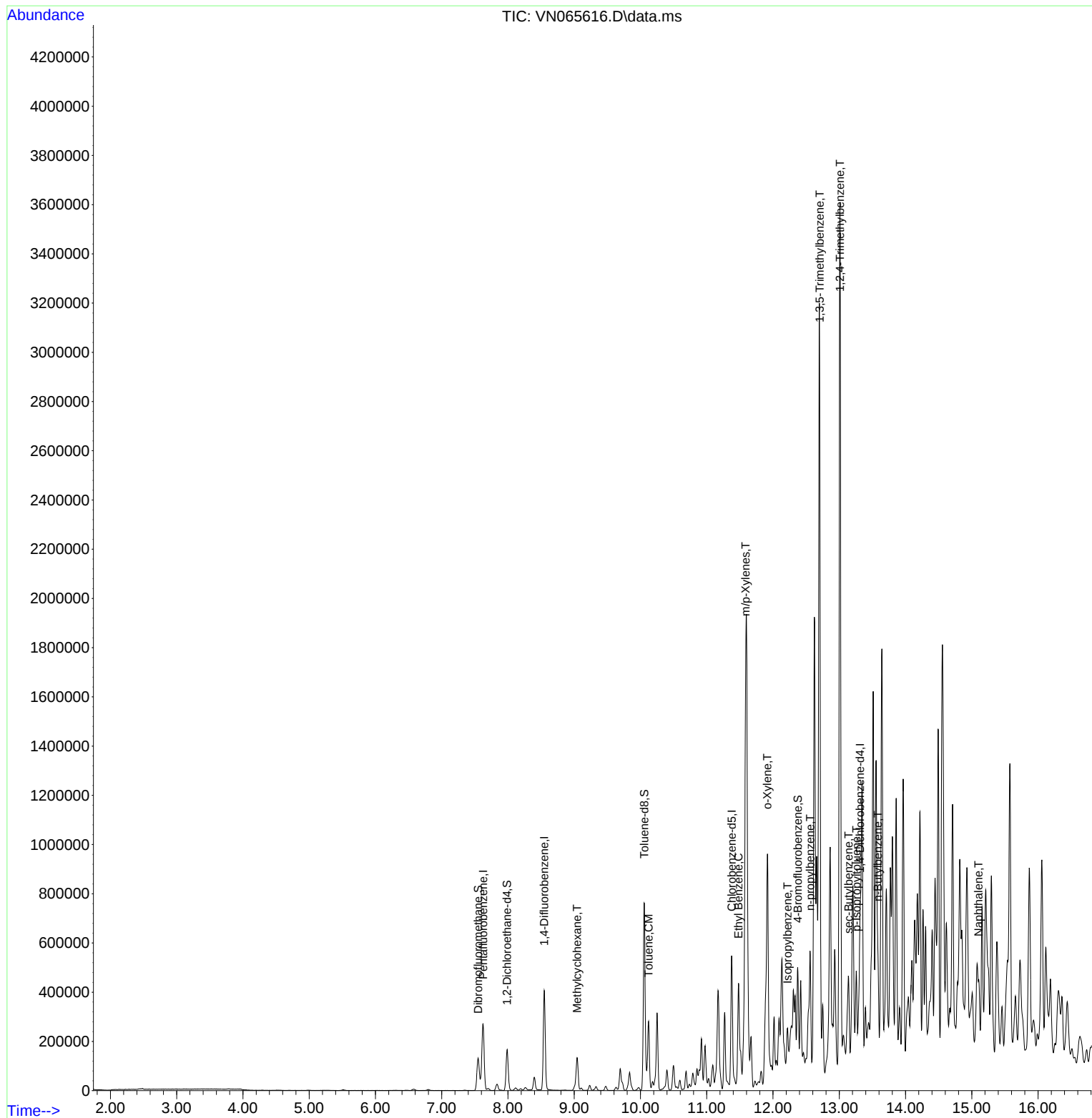
Internal Standards						
1) Pentafluorobenzene	7.624	168	211303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	366016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	321172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	131273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	136414	49.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.14%		
35) Dibromofluoromethane	7.550	113	107034	49.35	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.70%		
50) Toluene-d8	10.058	98	465191	54.56	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	109.12%		
62) 4-Bromofluorobenzene	12.373	95	156663	51.03	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.06%		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.042	83	60631	13.49	ug/l	95
52) Toluene	10.122	92	123793	18.58	ug/l	99
67) Ethyl Benzene	11.479	91	293618	23.26	ug/l	97
68) m/p-Xylenes	11.589	106	435733	95.36	ug/l	95
69) o-Xylene	11.917	106	216508	48.90	ug/l	93
73) Isopropylbenzene	12.219	105	94372	8.21	ug/l	98
78) n-propylbenzene	12.563	91	390842	28.85	ug/l	96
80) 1,3,5-Trimethylbenzene	12.704	105	539702	55.15	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	1972027	202.04	ug/l	99
85) sec-Butylbenzene	13.142	105	174017	15.80	ug/l	88
86) p-Isopropyltoluene	13.261	119	101684	10.45	ug/l	98
89) n-Butylbenzene	13.582	91	192011	21.97	ug/l #	76
95) Naphthalene	15.100	128	62879	10.33	ug/l #	94

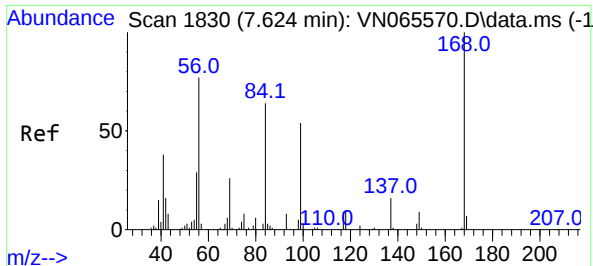
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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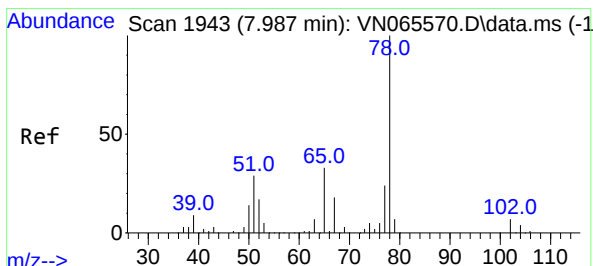
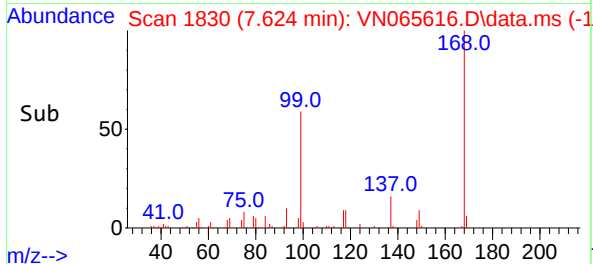
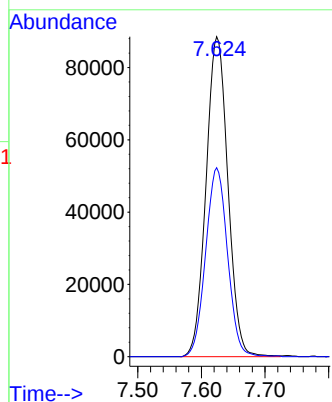
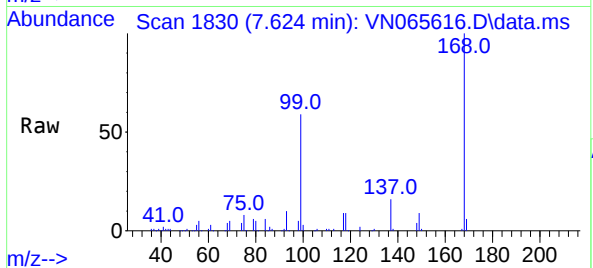




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

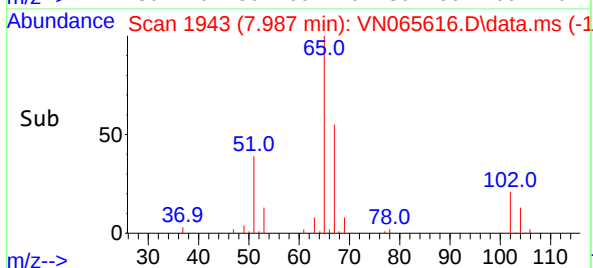
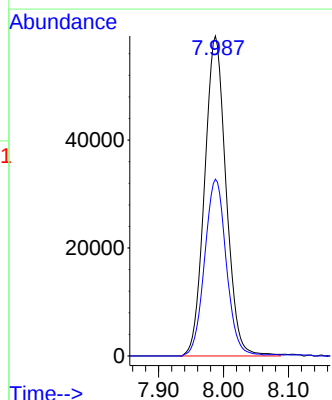
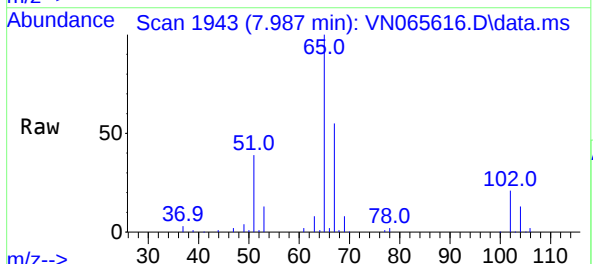
Instrument :
MSVOA_N
ClientSampled :
PS-104

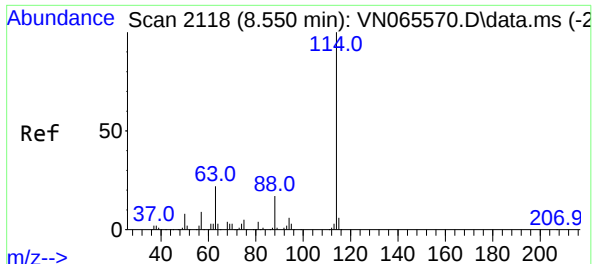
Tgt Ion:168 Resp: 211303
Ion Ratio Lower Upper
168 100
99 59.1 42.6 63.8



#33
1,2-Dichloroethane-d4
Concen: 49.07 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

Tgt Ion: 65 Resp: 136414
Ion Ratio Lower Upper
65 100
67 55.7 0.0 107.2





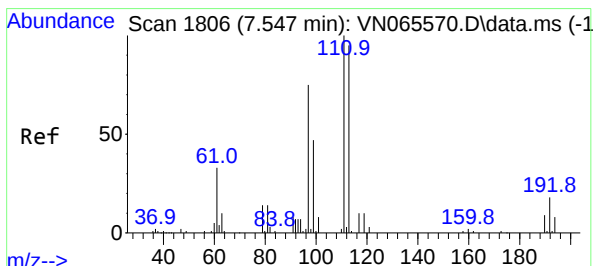
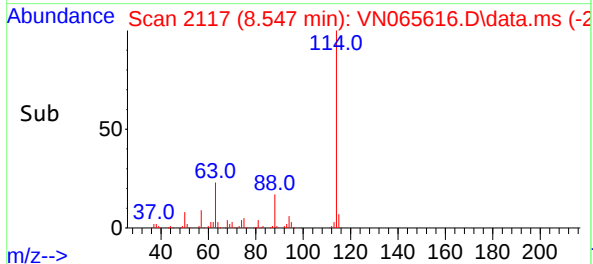
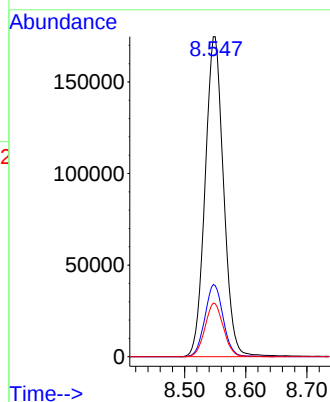
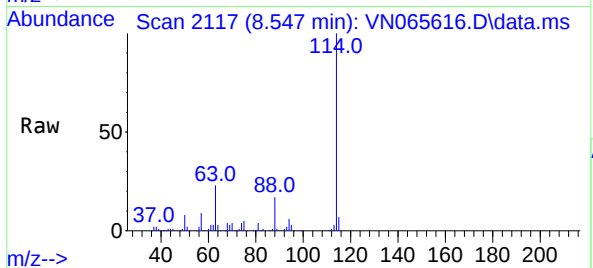
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

Instrument :
MSVOA_N
ClientSampleId :
PS-104

Tgt Ion:114 Resp: 366016

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	38.6
88	16.7	0.0	30.6

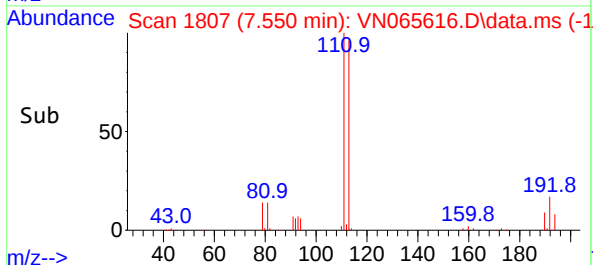
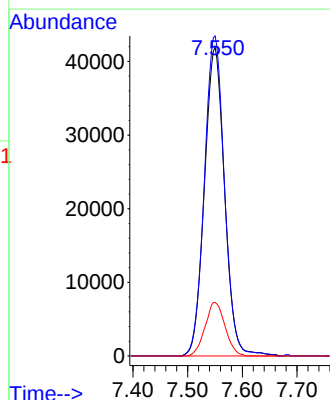
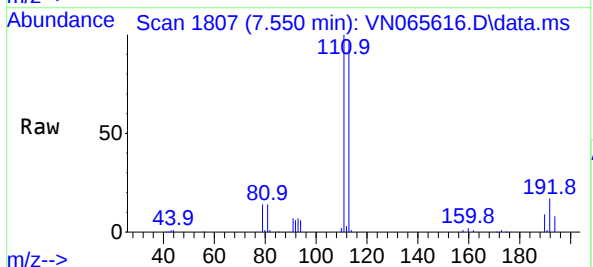


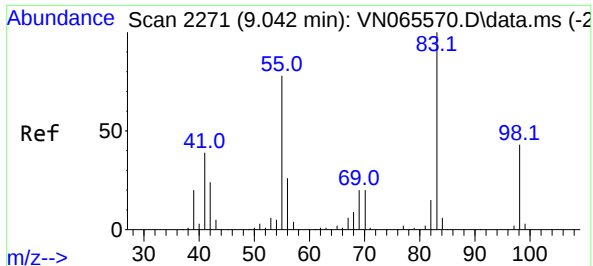
#35

Dibromofluoromethane
Concen: 49.35 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

Tgt Ion:113 Resp: 107034

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.2
192	17.3	15.4	23.0

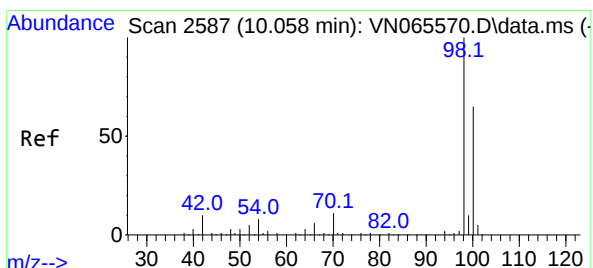
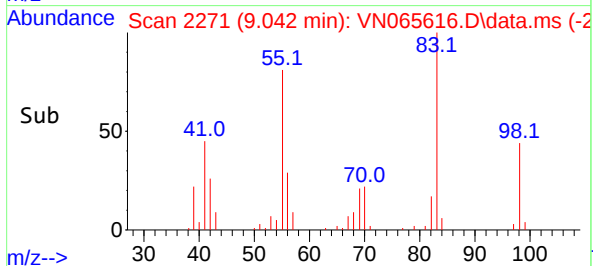
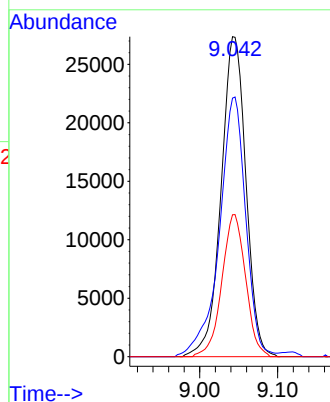
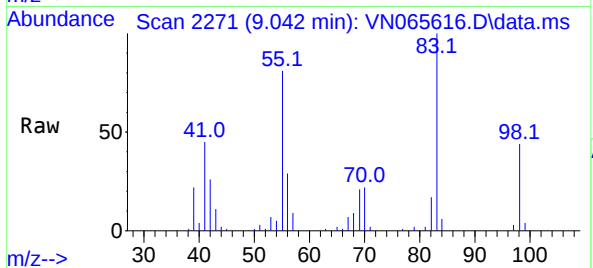




#39
Methylcyclohexane
Concen: 13.49 ug/l
RT: 9.042 min Scan# 2271
Delta R.T. 0.000 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

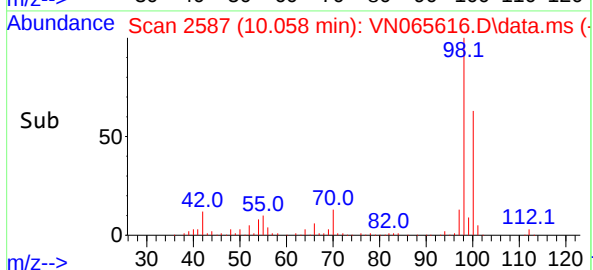
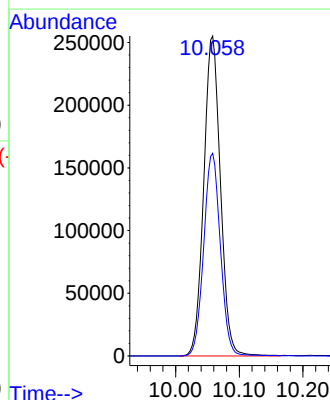
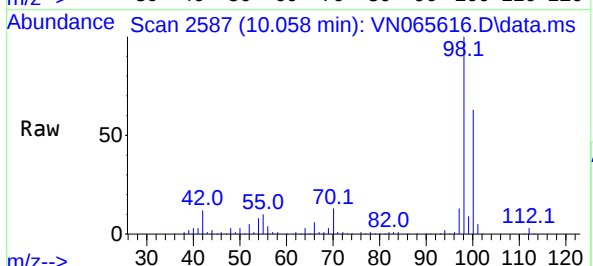
Instrument :
MSVOA_N
ClientSampled :
PS-104

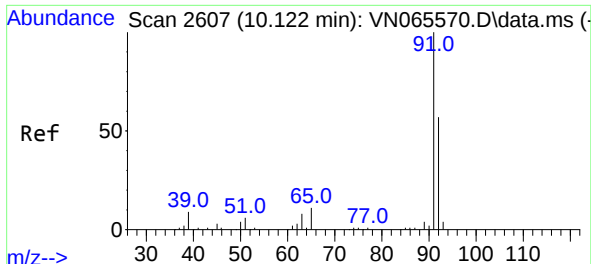
Tgt Ion:	83	Resp:	60631
Ion	Ratio	Lower	Upper
83	100		
55	79.9	58.9	88.3
98	44.4	35.9	53.9



#50
Toluene-d8
Concen: 54.56 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

Tgt Ion:	98	Resp:	465191
Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.5	75.7

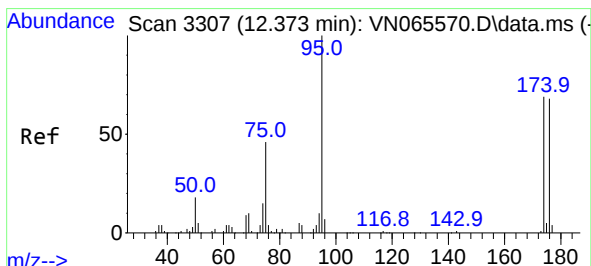
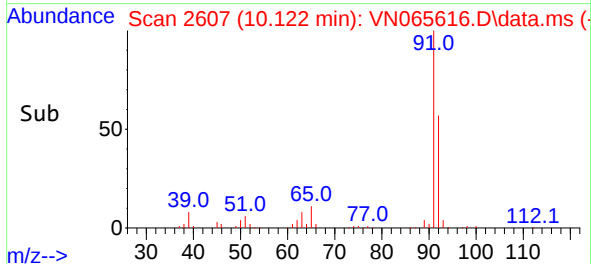
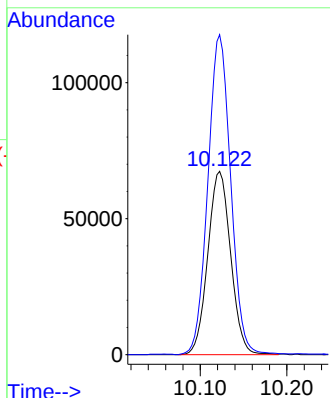
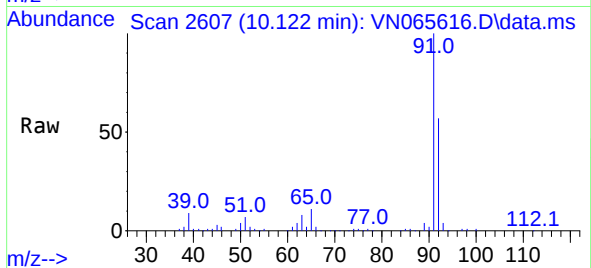




#52
Toluene
Concen: 18.58 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

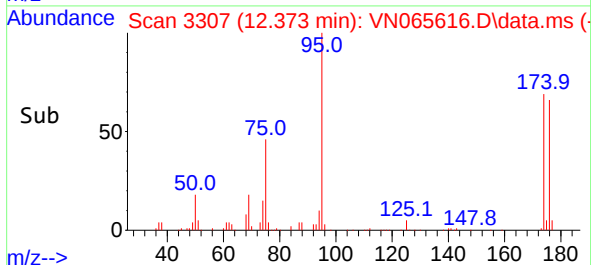
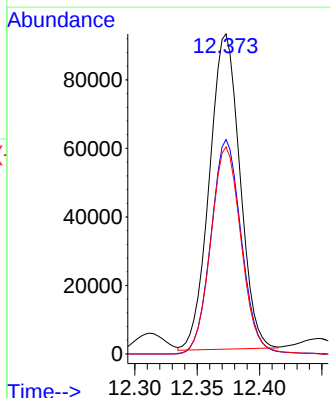
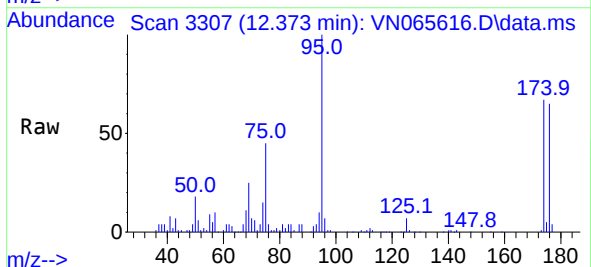
Instrument :
MSVOA_N
ClientSampled :
PS-104

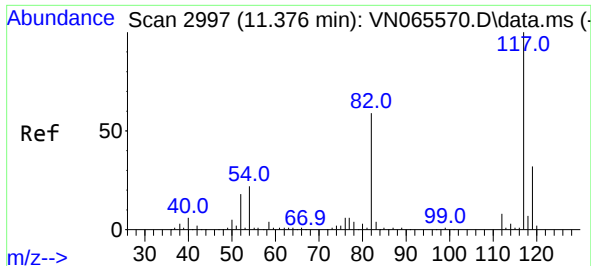
Tgt Ion: 92 Resp: 123793
Ion Ratio Lower Upper
92 100
91 174.2 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 51.03 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

Tgt Ion: 95 Resp: 156663
Ion Ratio Lower Upper
95 100
174 67.9 0.0 169.0
176 65.7 0.0 162.4

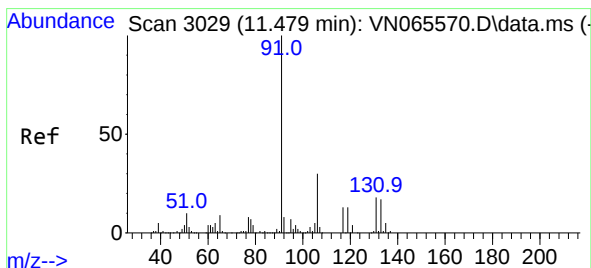
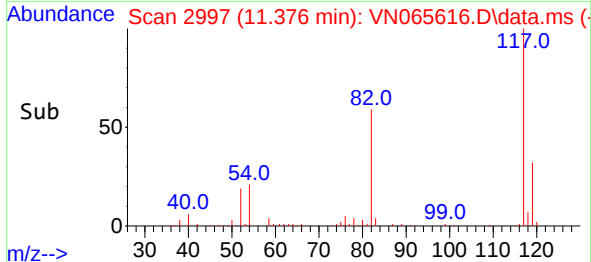
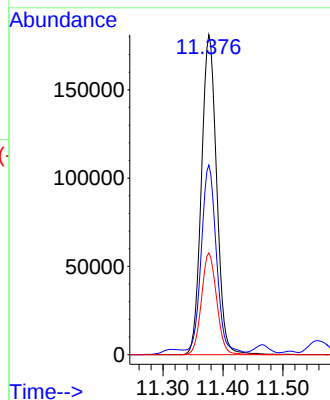
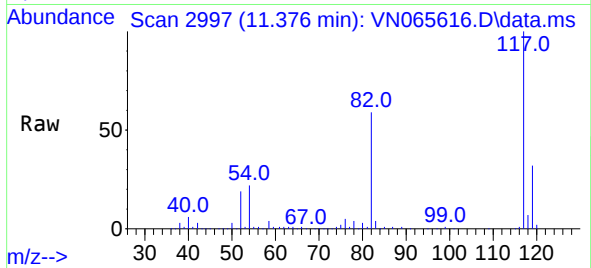




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

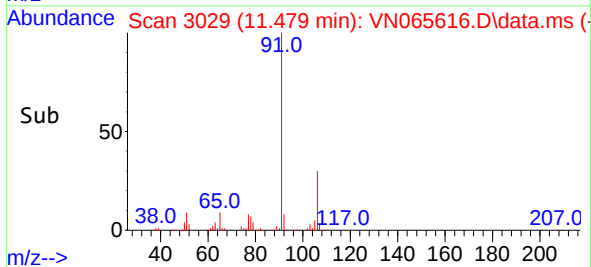
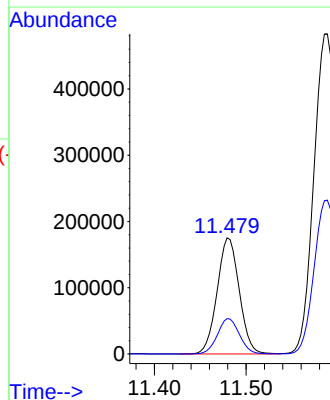
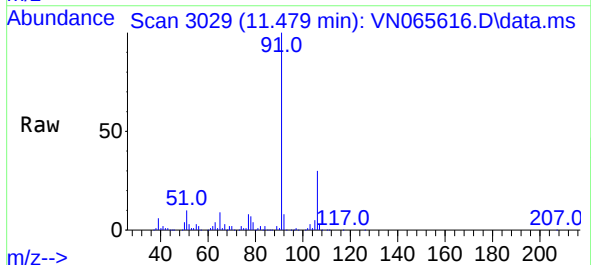
Instrument :
MSVOA_N
ClientSampleId :
PS-104

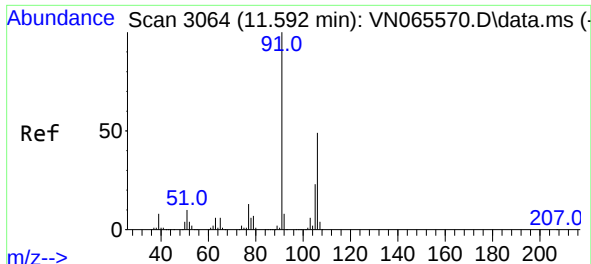
Tgt Ion:117 Resp: 321172
Ion Ratio Lower Upper
117 100
82 58.6 43.7 65.5
119 31.8 26.1 39.1



#67
Ethyl Benzene
Concen: 23.26 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

Tgt Ion: 91 Resp: 293618
Ion Ratio Lower Upper
91 100
106 30.4 25.5 38.3

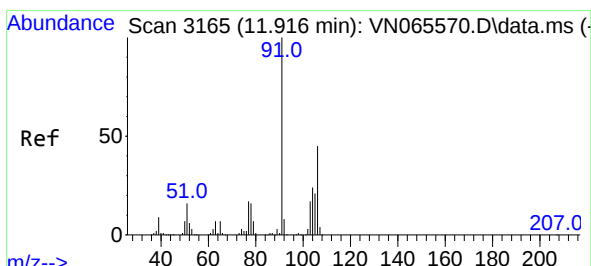
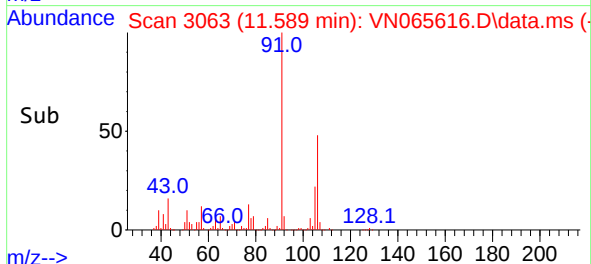
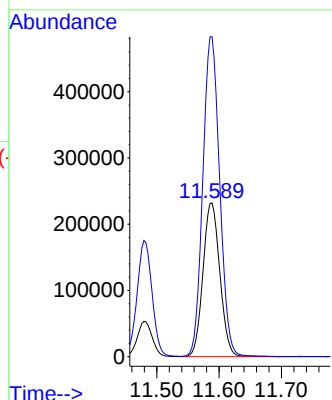
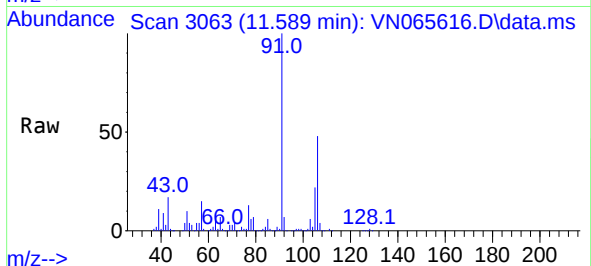




#68
m/p-Xylenes
Concen: 95.36 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

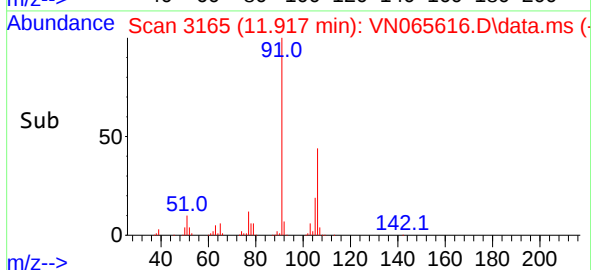
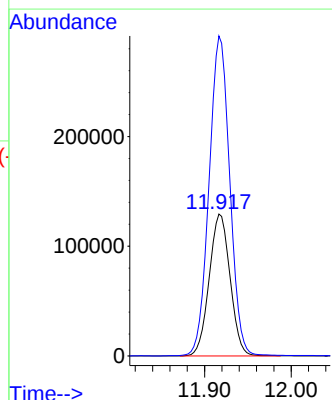
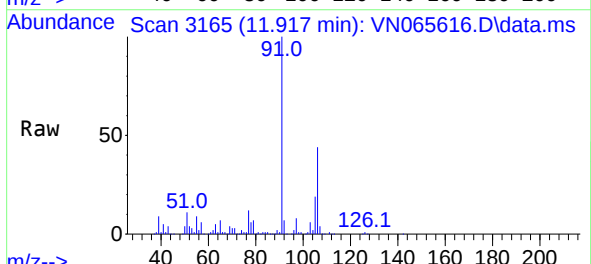
Instrument :
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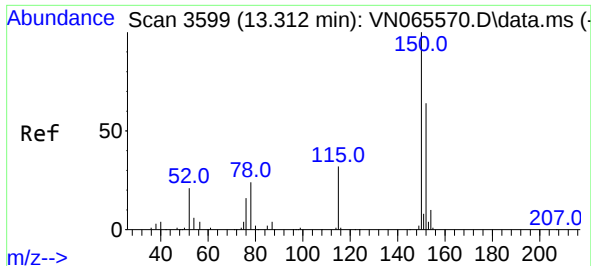
Tgt Ion:106 Resp: 435733
Ion Ratio Lower Upper
106 100
91 208.6 161.4 242.0



#69
o-Xylene
Concen: 48.90 ug/l
RT: 11.917 min Scan# 3165
Delta R.T. 0.001 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

Tgt Ion:106 Resp: 216508
Ion Ratio Lower Upper
106 100
91 224.6 106.8 320.4

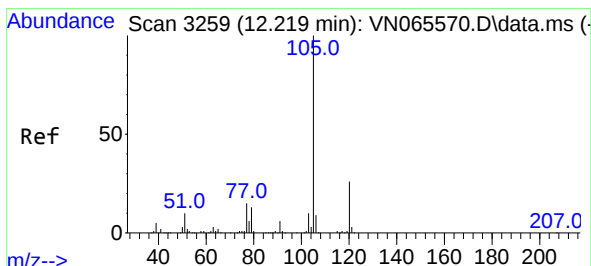
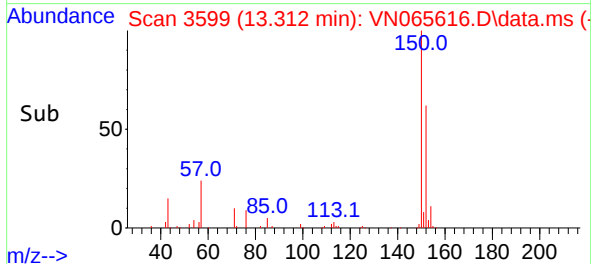
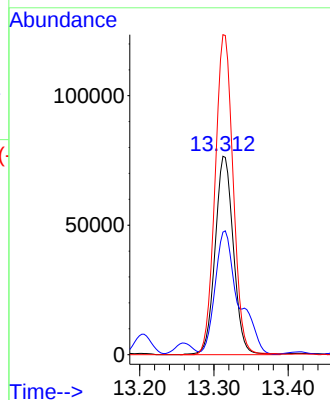
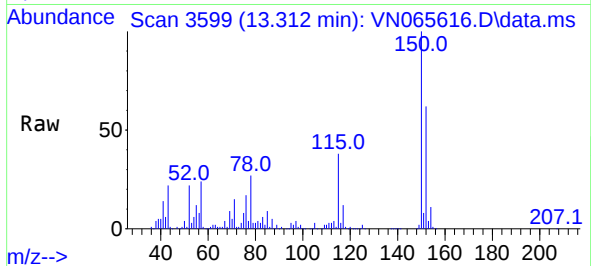




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

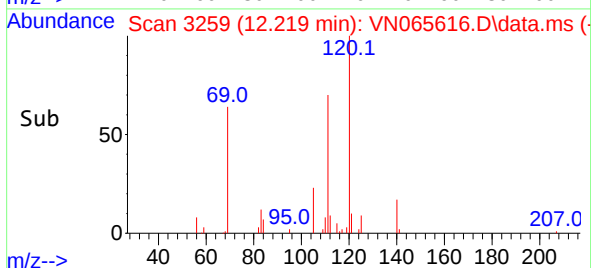
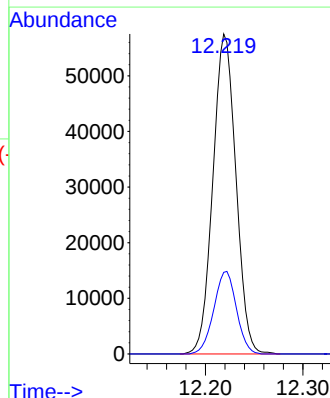
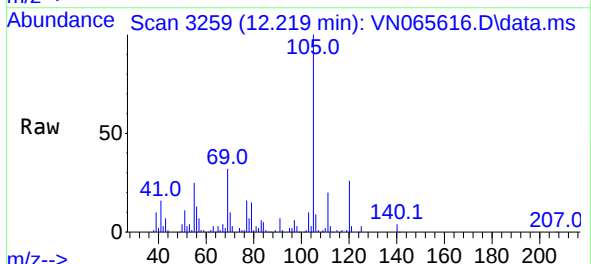
Instrument :
MSVOA_N
ClientSampled :
PS-104

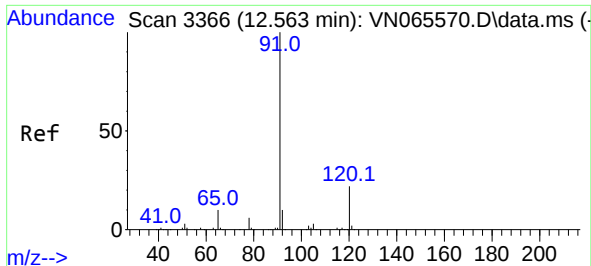
Tgt Ion:152 Resp: 131273
Ion Ratio Lower Upper
152 100
115 79.6 28.5 85.6
150 159.0 0.0 347.6



#73
Isopropylbenzene
Concen: 8.21 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

Tgt Ion:105 Resp: 94372
Ion Ratio Lower Upper
105 100
120 25.3 13.3 39.9

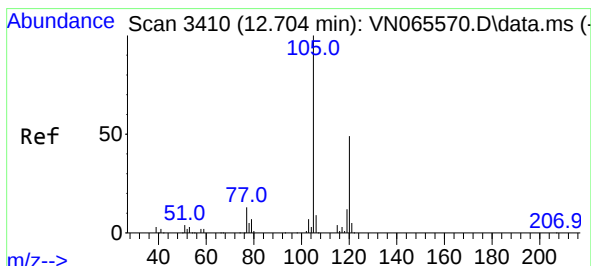
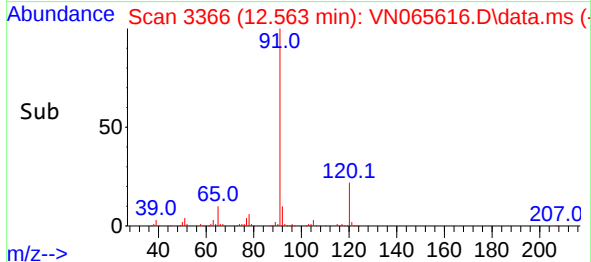
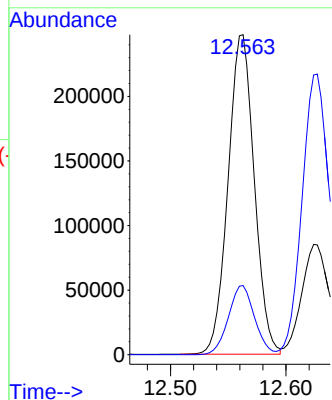
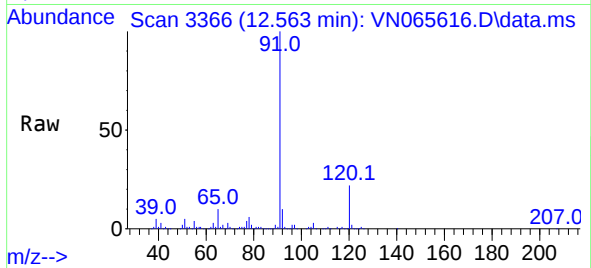




#78
n-propylbenzene
Concen: 28.85 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

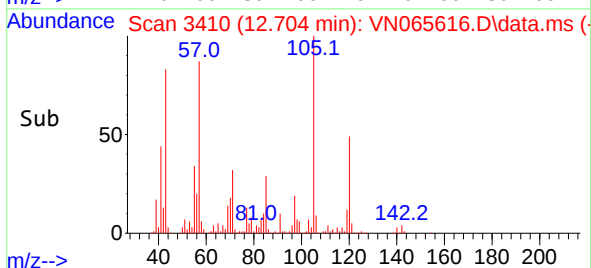
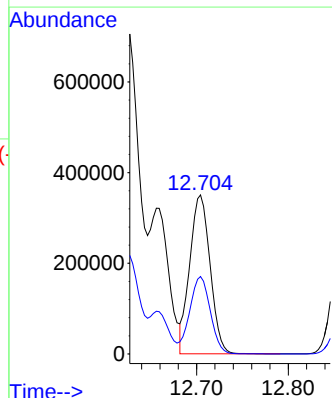
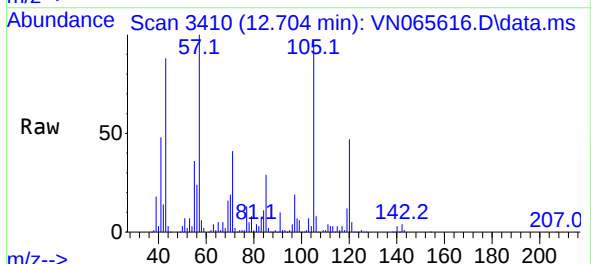
Instrument :
MSVOA_N
ClientSampleId :
PS-104

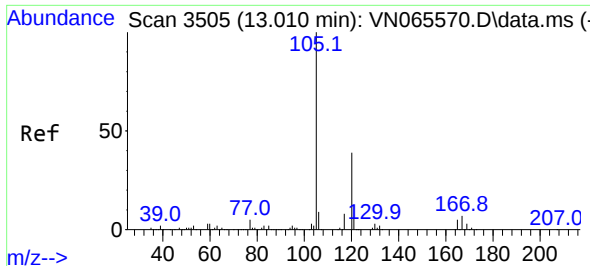
Tgt Ion: 91 Resp: 390842
Ion Ratio Lower Upper
91 100
120 21.6 11.8 35.3



#80
1,3,5-Trimethylbenzene
Concen: 55.15 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

Tgt Ion:105 Resp: 539702
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.8

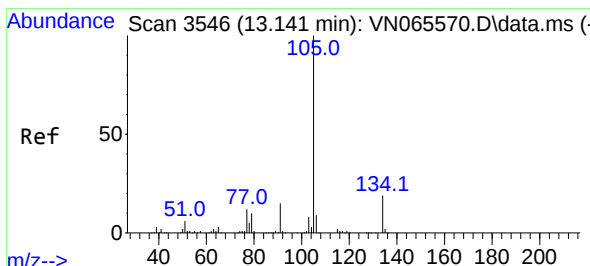
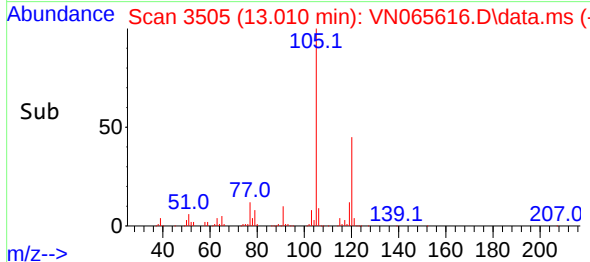
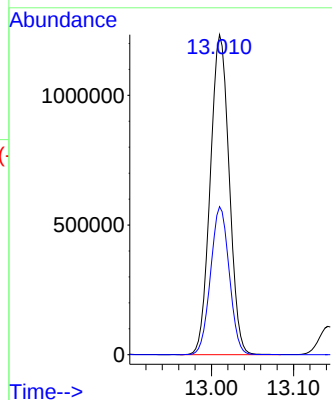
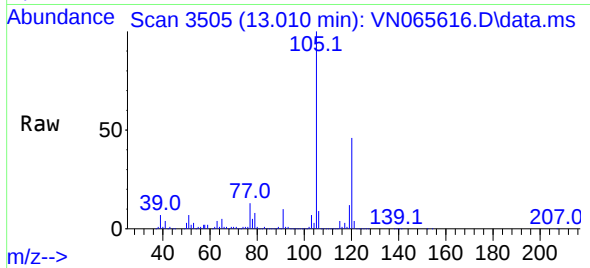




#84
1,2,4-Trimethylbenzene
Concen: 202.04 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

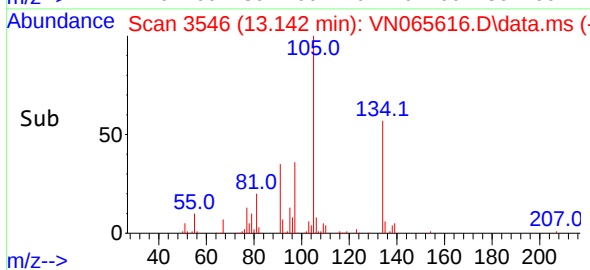
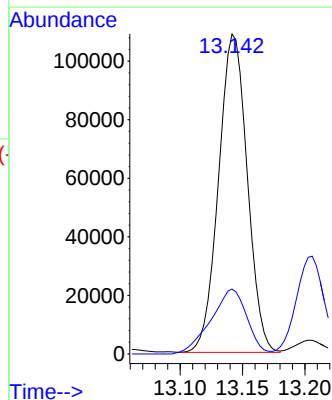
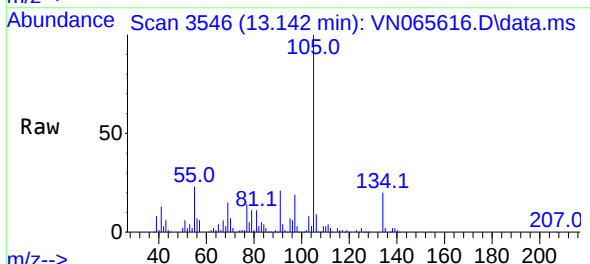
Instrument :
MSVOA_N
ClientSampled :
PS-104

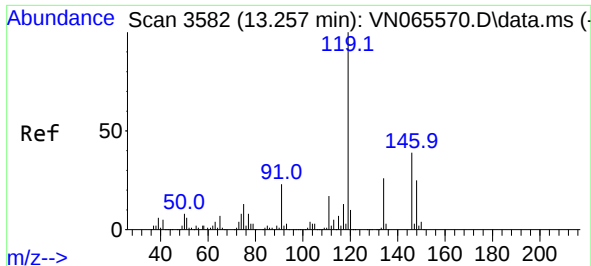
Tgt Ion:105 Resp: 1972027
Ion Ratio Lower Upper
105 100
120 45.7 22.4 67.0



#85
sec-Butylbenzene
Concen: 15.80 ug/l
RT: 13.142 min Scan# 3546
Delta R.T. 0.001 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

Tgt Ion:105 Resp: 174017
Ion Ratio Lower Upper
105 100
134 25.5 10.0 30.0



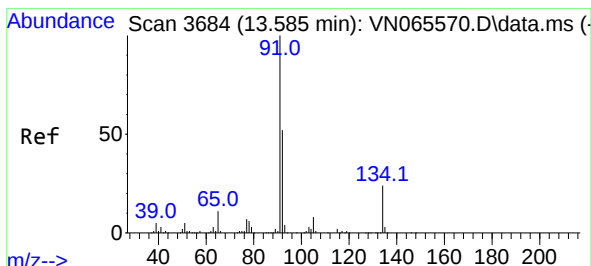
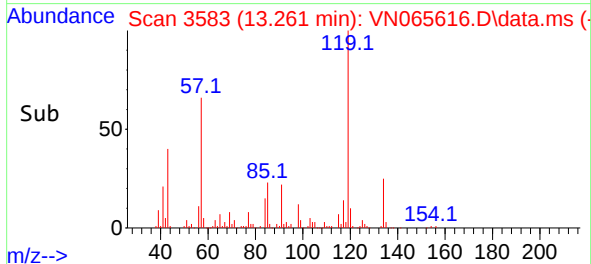
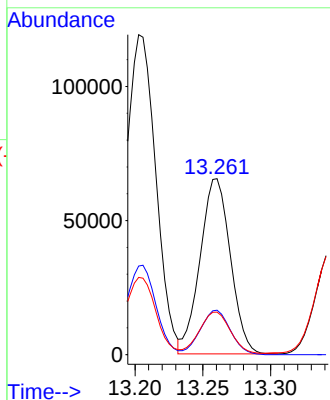
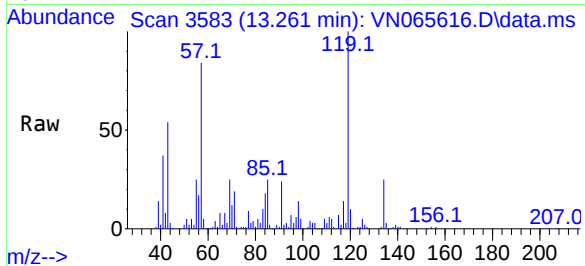


#86
p-Isopropyltoluene
Concen: 10.45 ug/l
RT: 13.261 min Scan# 3583
Delta R.T. 0.004 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

Instrument :
MSVOA_N
ClientSampled :
PS-104

Tgt Ion:119 Resp: 101684

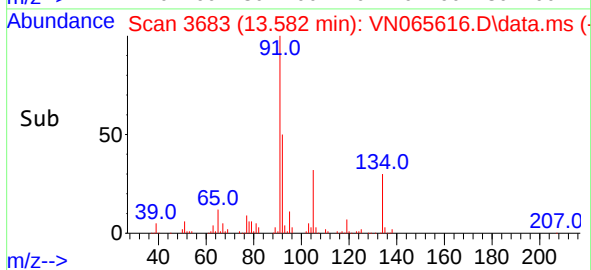
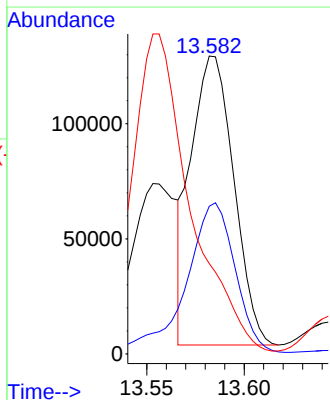
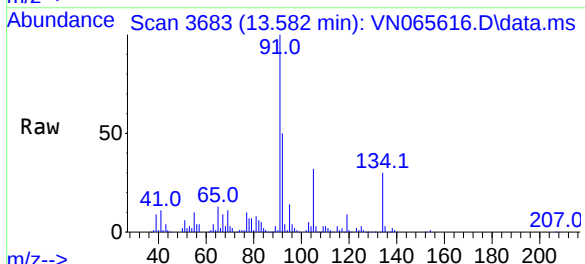
Ion	Ratio	Lower	Upper
119	100		
134	25.1	13.3	39.8
91	23.6	11.8	35.3

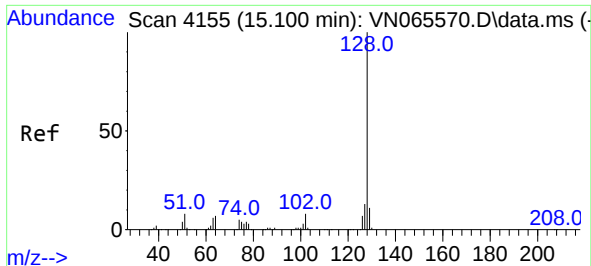


#89
n-Butylbenzene
Concen: 21.97 ug/l
RT: 13.582 min Scan# 3683
Delta R.T. -0.003 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

Tgt Ion: 91 Resp: 192011

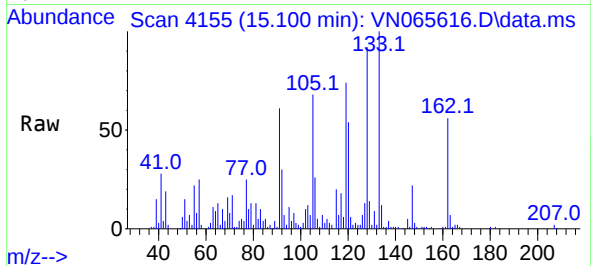
Ion	Ratio	Lower	Upper
91	100		
92	59.2	26.1	78.3
134	0.0	13.0	38.9





#95
Naphthalene
Concen: 10.33 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065616.D
Acq: 26 Jan 2021 20:07

Instrument :
MSVOA_N
ClientSampleId :
PS-104



Tgt Ion:128 Resp: 62879
Ion Ratio Lower Upper
128 100
127 15.7 10.2 15.2#
129 9.5 8.6 13.0

