

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
 Data File : VN065408.D
 Acq On : 6 Jan 2021 18:32
 Operator : JC/MD
 Sample : M1022-12 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30732DL

Quant Time: Jan 07 01:30:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.630	168	257258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	429672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	457925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	195092	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	145067	49.95	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.90%
35) Dibromofluoromethane	7.553	113	132640	51.17	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.34%
50) Toluene-d8	10.061	98	538165	55.39	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	110.78%
62) 4-Bromofluorobenzene	12.376	95	208646	53.86	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.72%

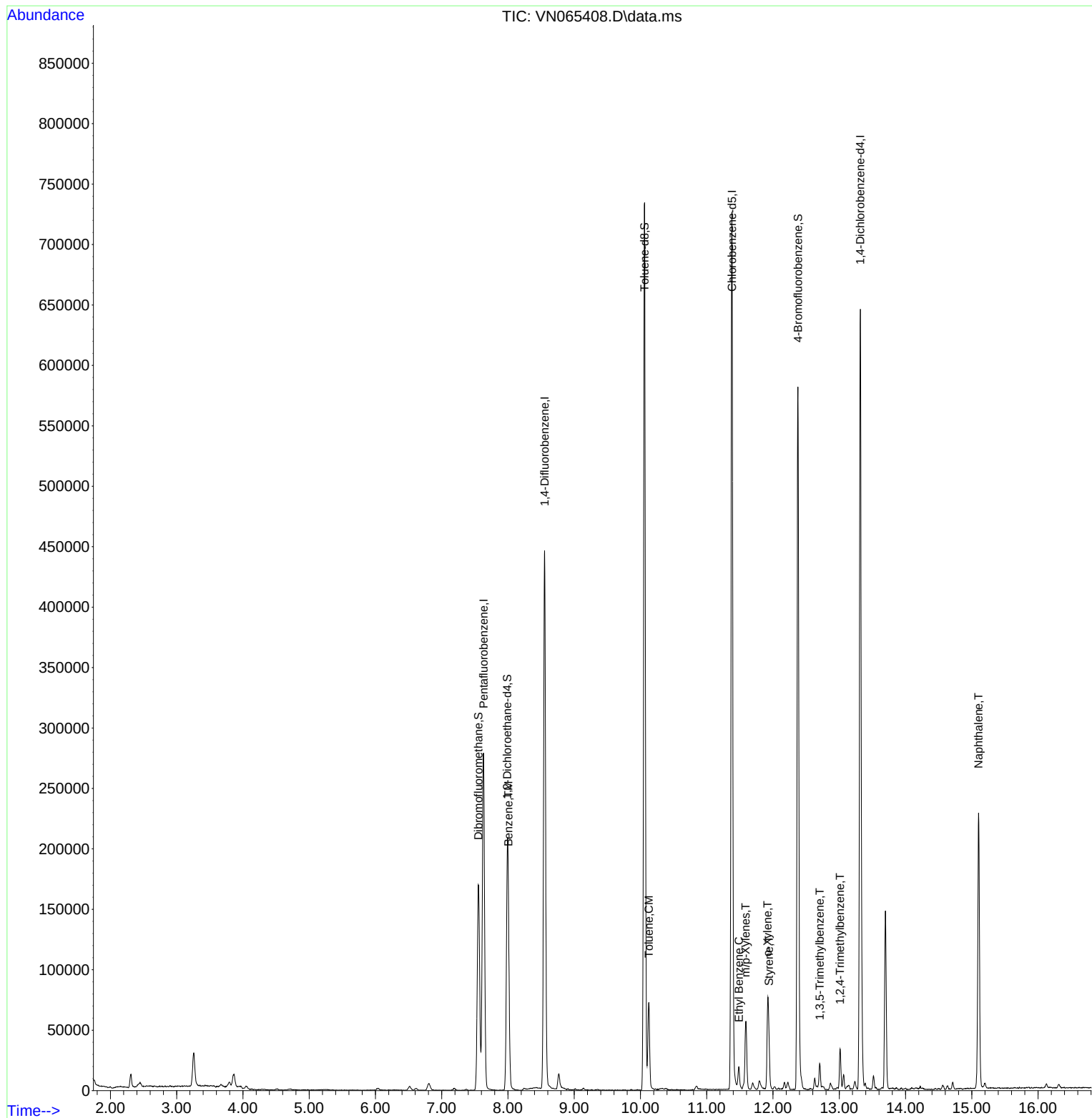
Target Compounds						Qvalue
40) Benzene	8.007	78	66496	5.72	ug/l	96
52) Toluene	10.126	92	31089	4.24	ug/l	98
67) Ethyl Benzene	11.486	91	13278	0.79	ug/l	99
68) m/p-Xylenes	11.588	106	18805	2.97	ug/l	100
69) o-Xylene	11.920	106	19037	3.10	ug/l	100
70) Styrene	11.939	104	18629	1.82	ug/l	94
80) 1,3,5-Trimethylbenzene	12.707	105	9981	0.79	ug/l	96
84) 1,2,4-Trimethylbenzene	13.013	105	20441	1.66	ug/l	98
95) Naphthalene	15.103	128	207690	22.53	ug/l	100

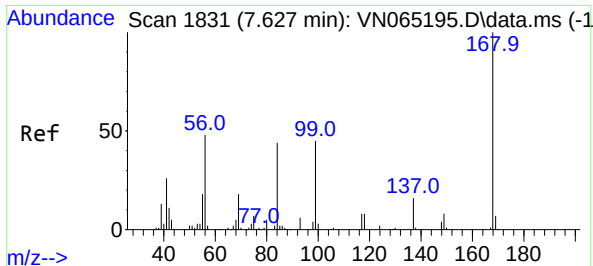
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 07 01:30:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 22 15:42:18 2020
Response via : Initial Calibration

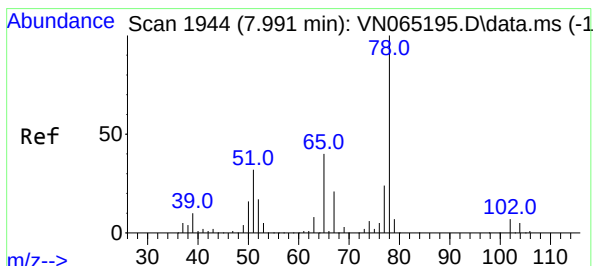
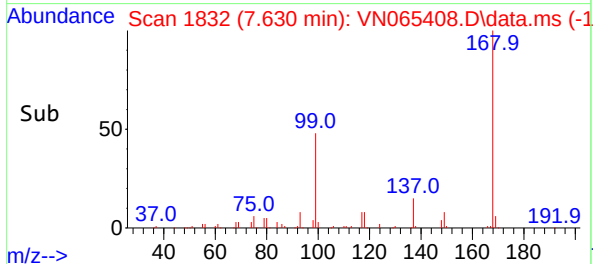
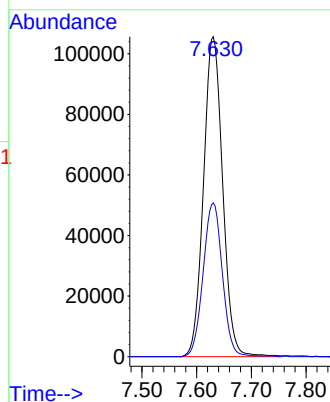
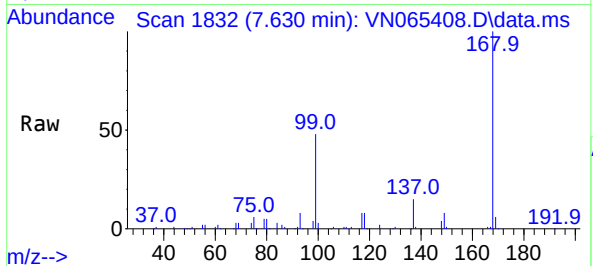




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

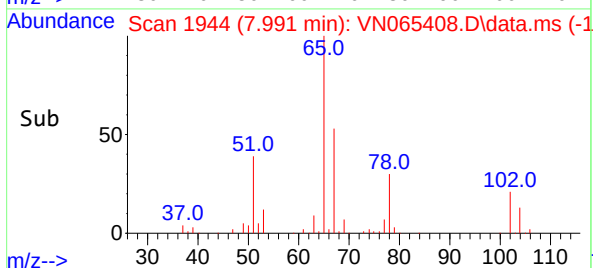
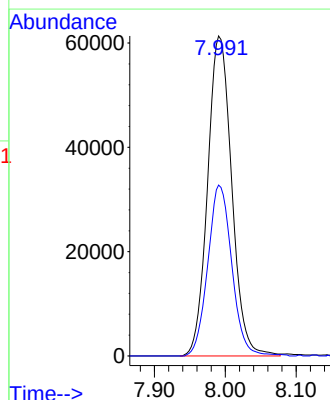
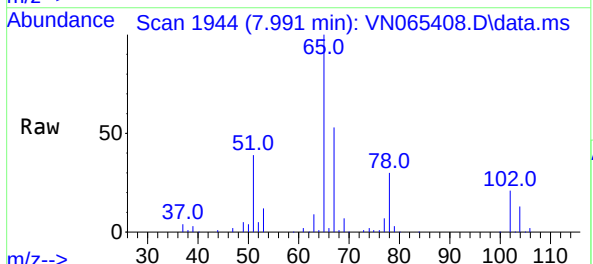
Instrument :
MSVOA_N
ClientSampled :
30732DL

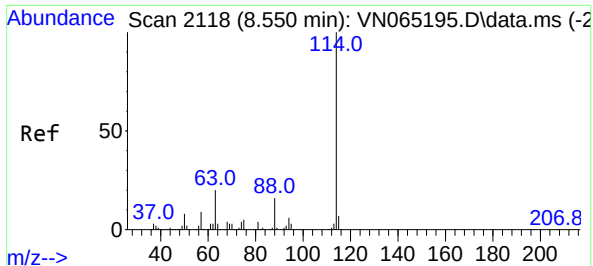
Tgt Ion:168 Resp: 257258
Ion Ratio Lower Upper
168 100
99 48.0 43.0 64.4



#33
1,2-Dichloroethane-d4
Concen: 49.95 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

Tgt Ion: 65 Resp: 145067
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.2



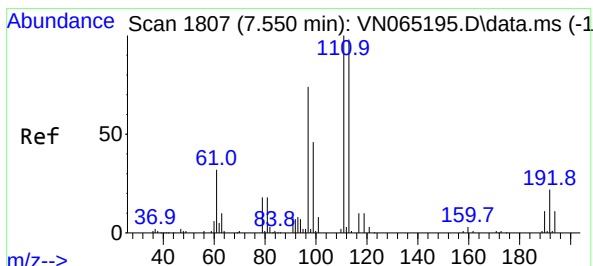
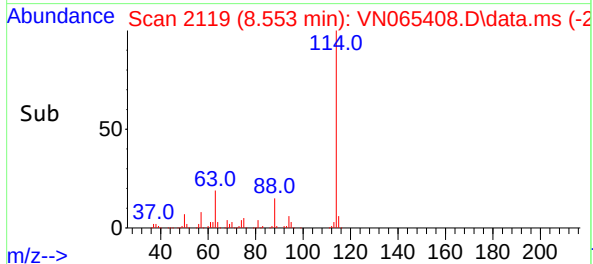
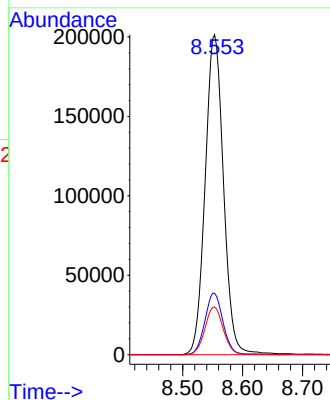
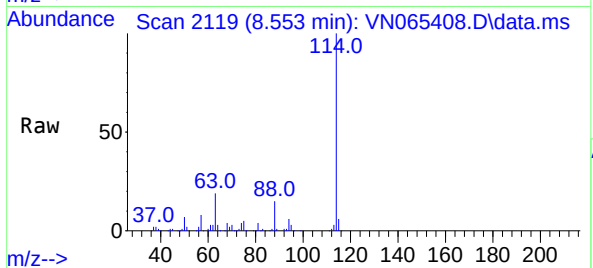


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

Instrument :
MSVOA_N
ClientSampleId :
30732DL

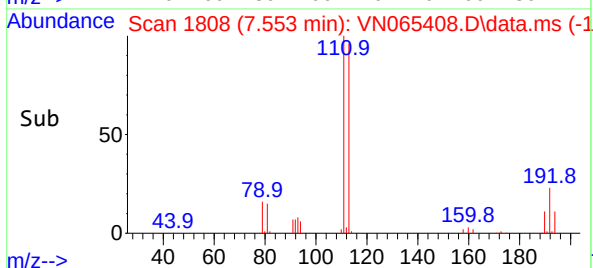
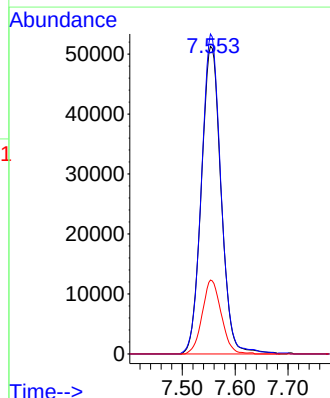
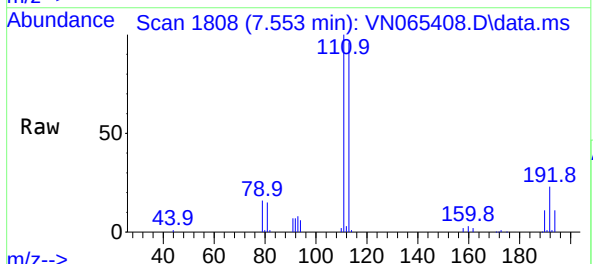
Tgt Ion:114 Resp: 429672
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.6
88 14.9 0.0 32.6

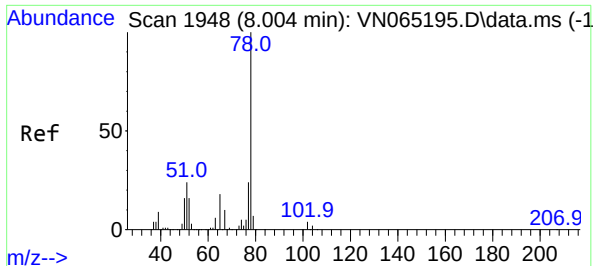


#35

Dibromofluoromethane
Concen: 51.17 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

Tgt Ion:113 Resp: 132640
Ion Ratio Lower Upper
113 100
111 102.3 81.6 122.4
192 23.2 16.2 24.2

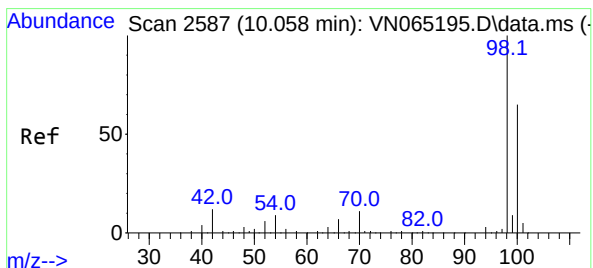
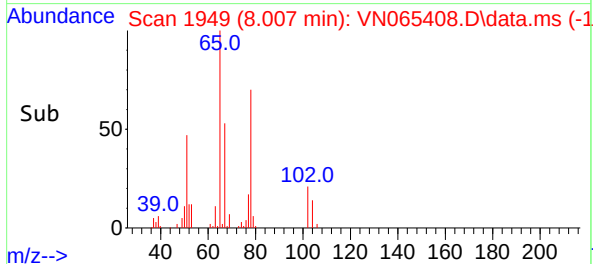
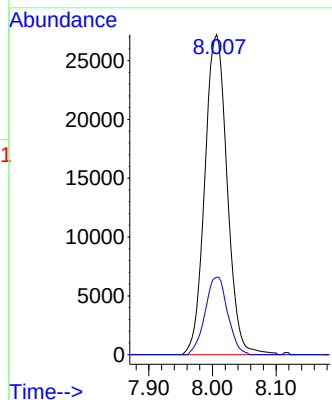
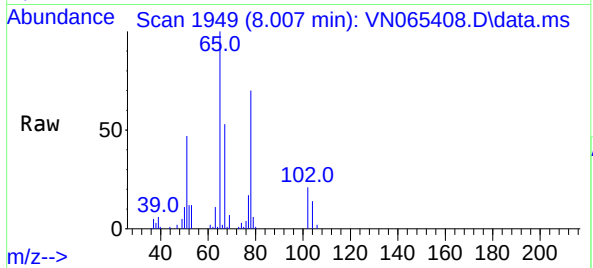




#40
Benzene
Concen: 5.72 ug/l
RT: 8.007 min Scan# 1949
Delta R.T. 0.003 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

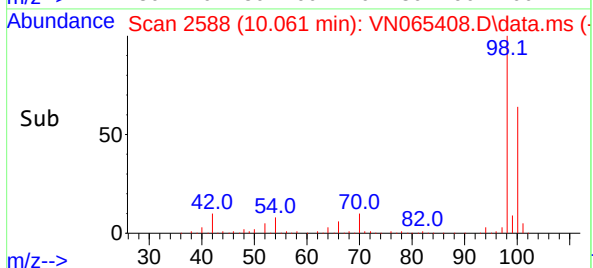
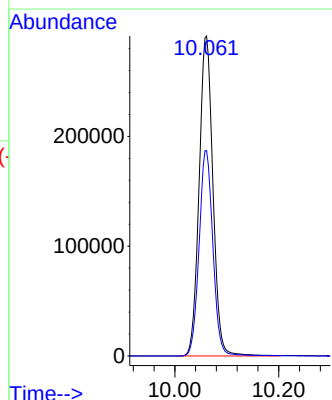
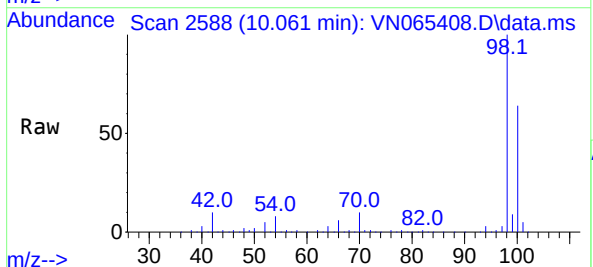
Instrument :
MSVOA_N
ClientSampled :
30732DL

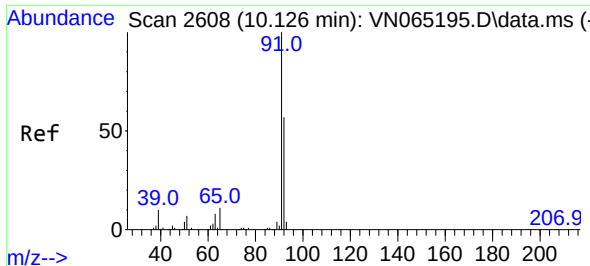
Tgt Ion: 78 Resp: 66496
Ion Ratio Lower Upper
78 100
77 24.2 17.9 26.9



#50
Toluene-d8
Concen: 55.39 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

Tgt Ion: 98 Resp: 538165
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

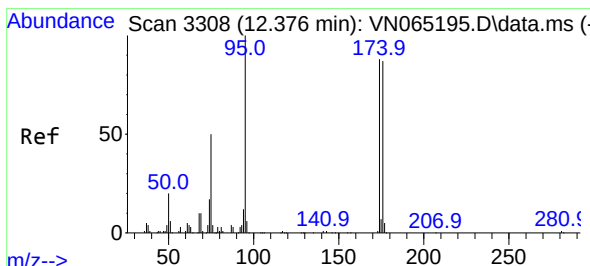
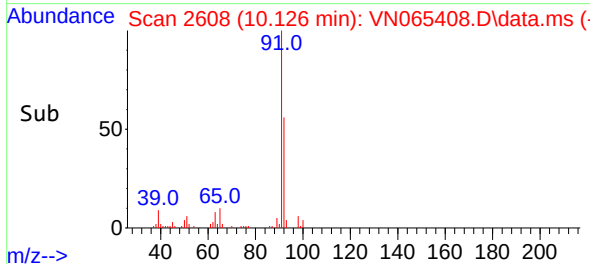
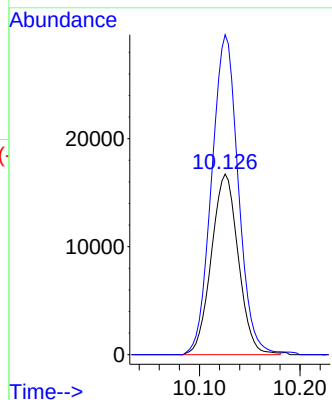
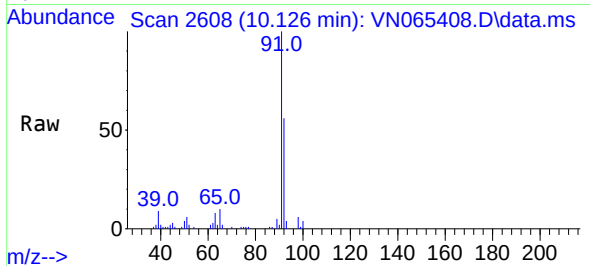




#52
Toluene
Concen: 4.24 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

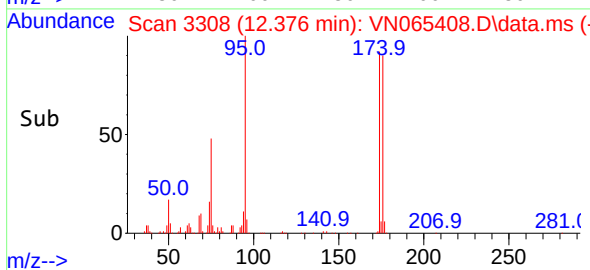
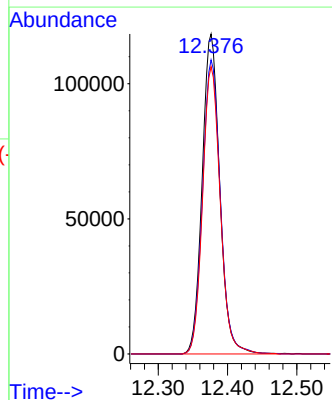
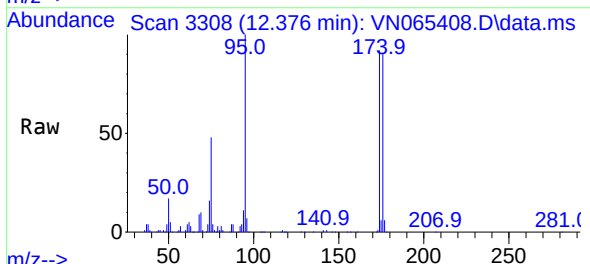
Instrument :
MSVOA_N
ClientSampled :
30732DL

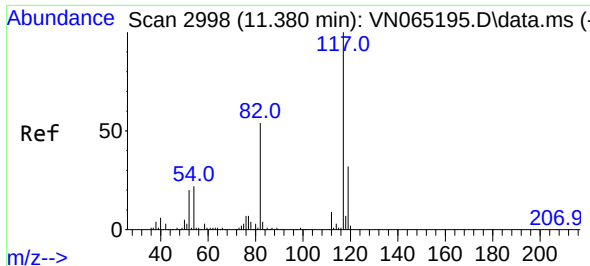
Tgt Ion: 92 Resp: 31089
Ion Ratio Lower Upper
92 100
91 176.3 139.1 208.7



#62
4-Bromofluorobenzene
Concen: 53.86 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

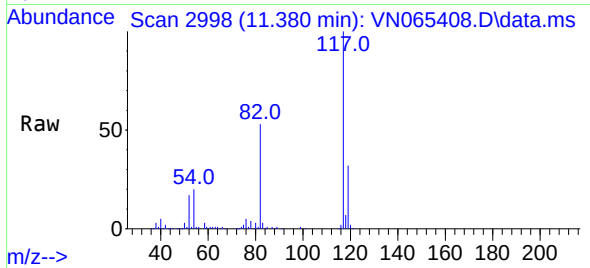
Tgt Ion: 95 Resp: 208646
Ion Ratio Lower Upper
95 100
174 93.3 0.0 160.4
176 90.2 0.0 158.4





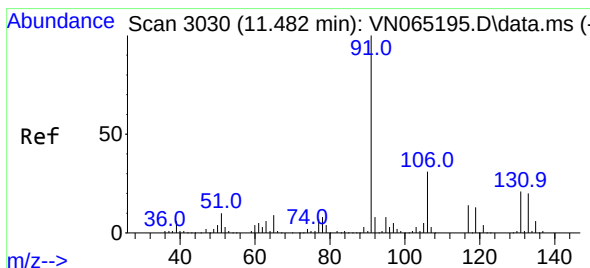
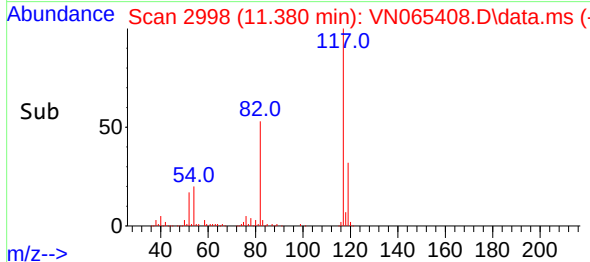
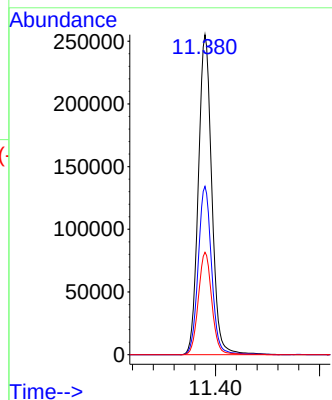
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

Instrument :
MSVOA_N
ClientSampled :
30732DL



Tgt Ion:117 Resp: 457925

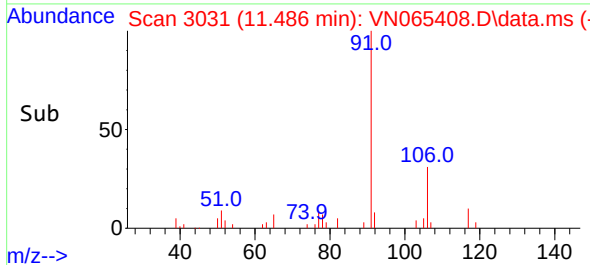
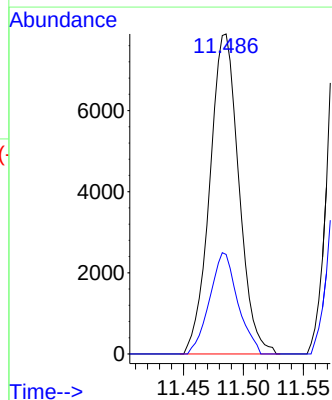
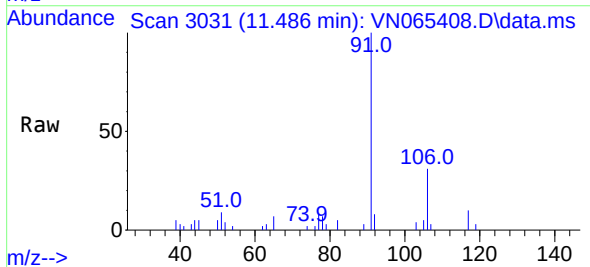
Ion	Ratio	Lower	Upper
117	100		
82	52.6	44.2	66.2
119	32.0	25.8	38.6

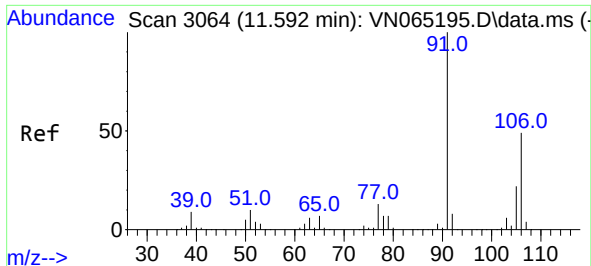


#67
Ethyl Benzene
Concen: 0.79 ug/l
RT: 11.486 min Scan# 3031
Delta R.T. 0.004 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

Tgt Ion: 91 Resp: 13278

Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.2	37.8

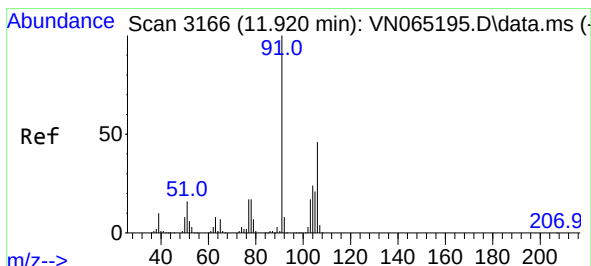
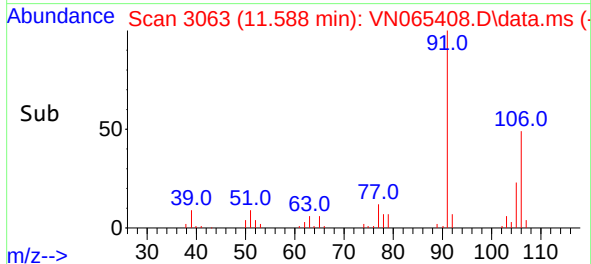
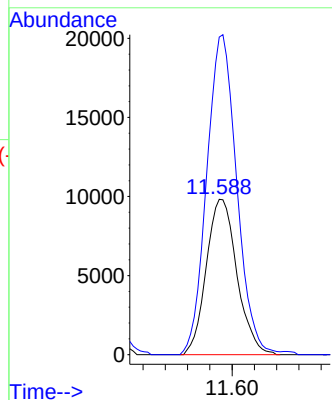
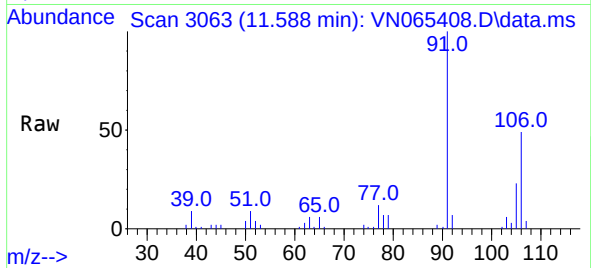




#68
m/p-Xylenes
Concen: 2.97 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

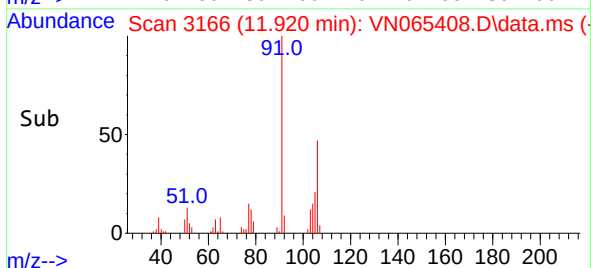
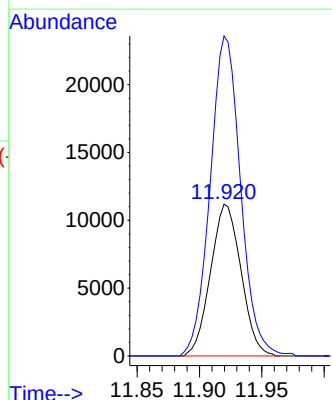
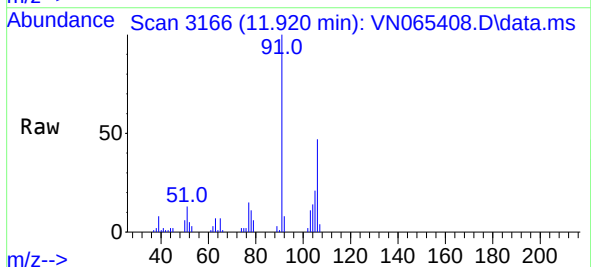
Instrument :
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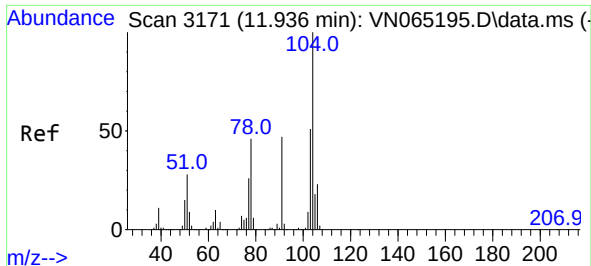
Tgt Ion:106 Resp: 18805
Ion Ratio Lower Upper
106 100
91 201.4 161.0 241.4



#69
o-Xylene
Concen: 3.10 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

Tgt Ion:106 Resp: 19037
Ion Ratio Lower Upper
106 100
91 210.5 105.5 316.5

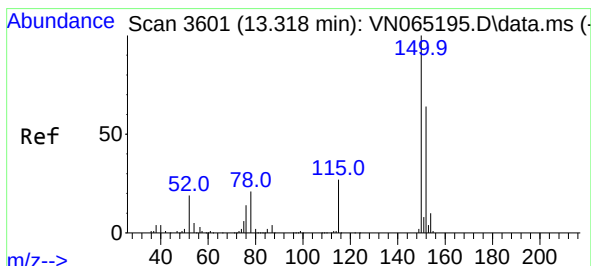
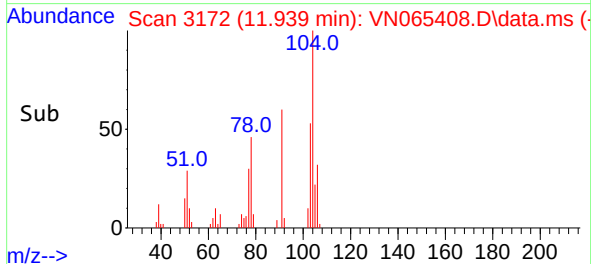
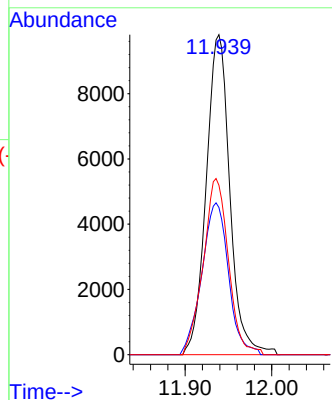
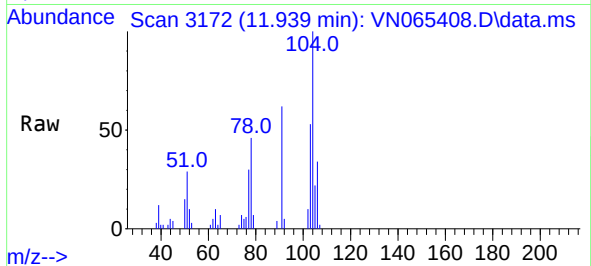




#70
Styrene
Concen: 1.82 ug/l
RT: 11.939 min Scan# 3172
Delta R.T. 0.003 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

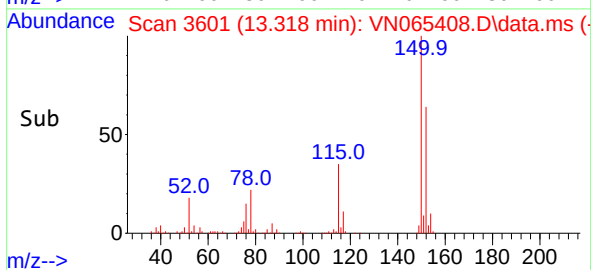
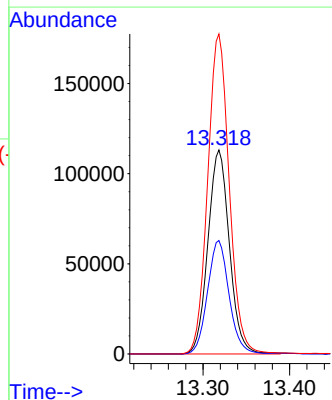
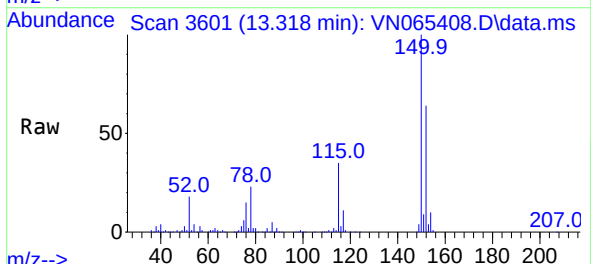
Instrument :
MSVOA_N
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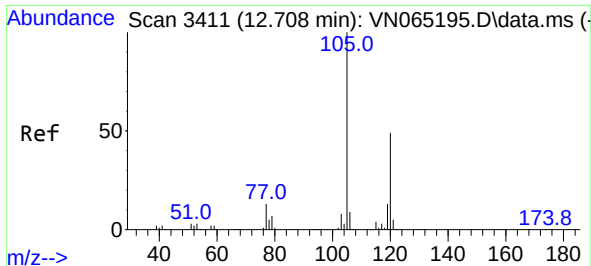
Tgt Ion:104 Resp: 18629
Ion Ratio Lower Upper
104 100
78 53.6 39.0 58.6
103 58.8 44.3 66.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

Tgt Ion:152 Resp: 195092
Ion Ratio Lower Upper
152 100
115 55.6 29.7 89.1
150 157.3 0.0 350.6

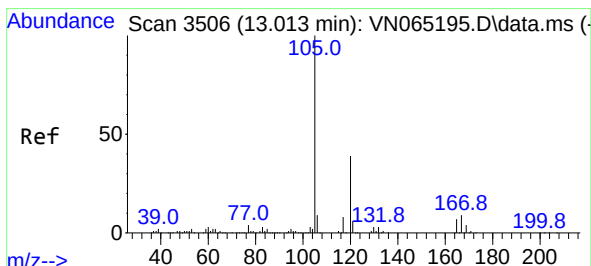
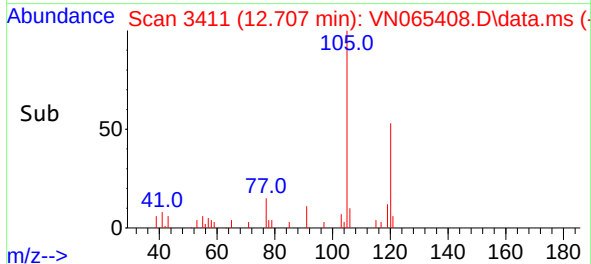
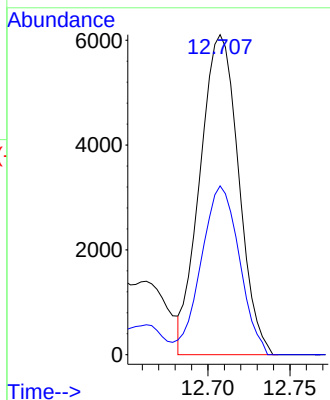
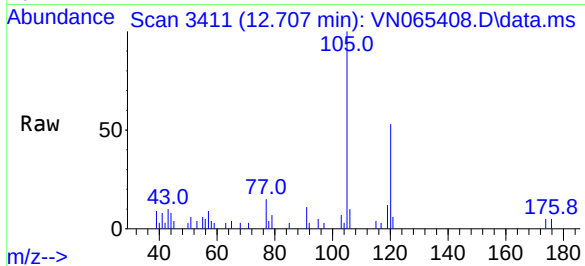




#80
1,3,5-Trimethylbenzene
Concen: 0.79 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. -0.001 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

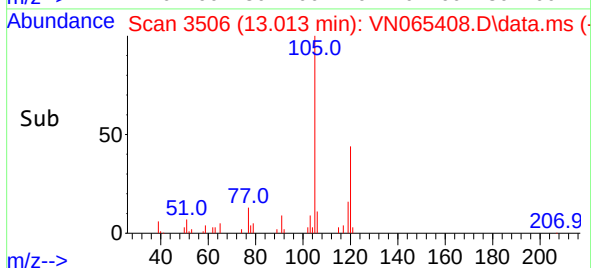
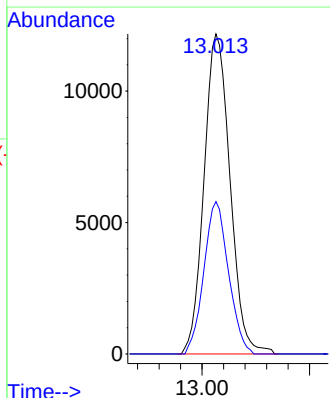
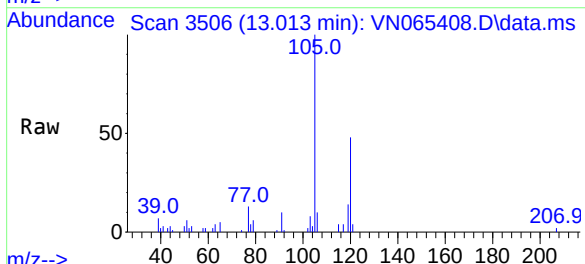
Instrument :
MSVOA_N
ClientSampled :
30732DL

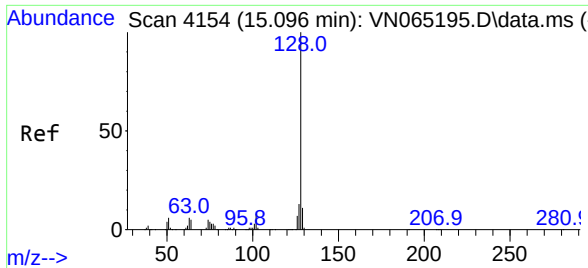
Tgt Ion:105 Resp: 9981
Ion Ratio Lower Upper
105 100
120 52.2 24.6 73.6



#84
1,2,4-Trimethylbenzene
Concen: 1.66 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. -0.000 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

Tgt Ion:105 Resp: 20441
Ion Ratio Lower Upper
105 100
120 45.1 23.1 69.2





#95
Naphthalene
Concen: 22.53 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065408.D
Acq: 6 Jan 2021 18:32

Instrument :
MSVOA_N
ClientSampleId :
30732DL

Tgt Ion:128 Resp: 207690
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.7 13.1

