

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020521\
 Data File : VN065738.D
 Acq On : 5 Feb 2021 15:17
 Operator : JC/MD
 Sample : M1314-04DL 500X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40966DL

Quant Time: Feb 05 22:48:31 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	188899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	319878	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	285715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	108351	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	111972	45.06	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.12%
35) Dibromofluoromethane	7.547	113	93134	49.13	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.26%
50) Toluene-d8	10.058	98	399118	53.56	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.12%
62) 4-Bromofluorobenzene	12.373	95	129925	48.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.84%

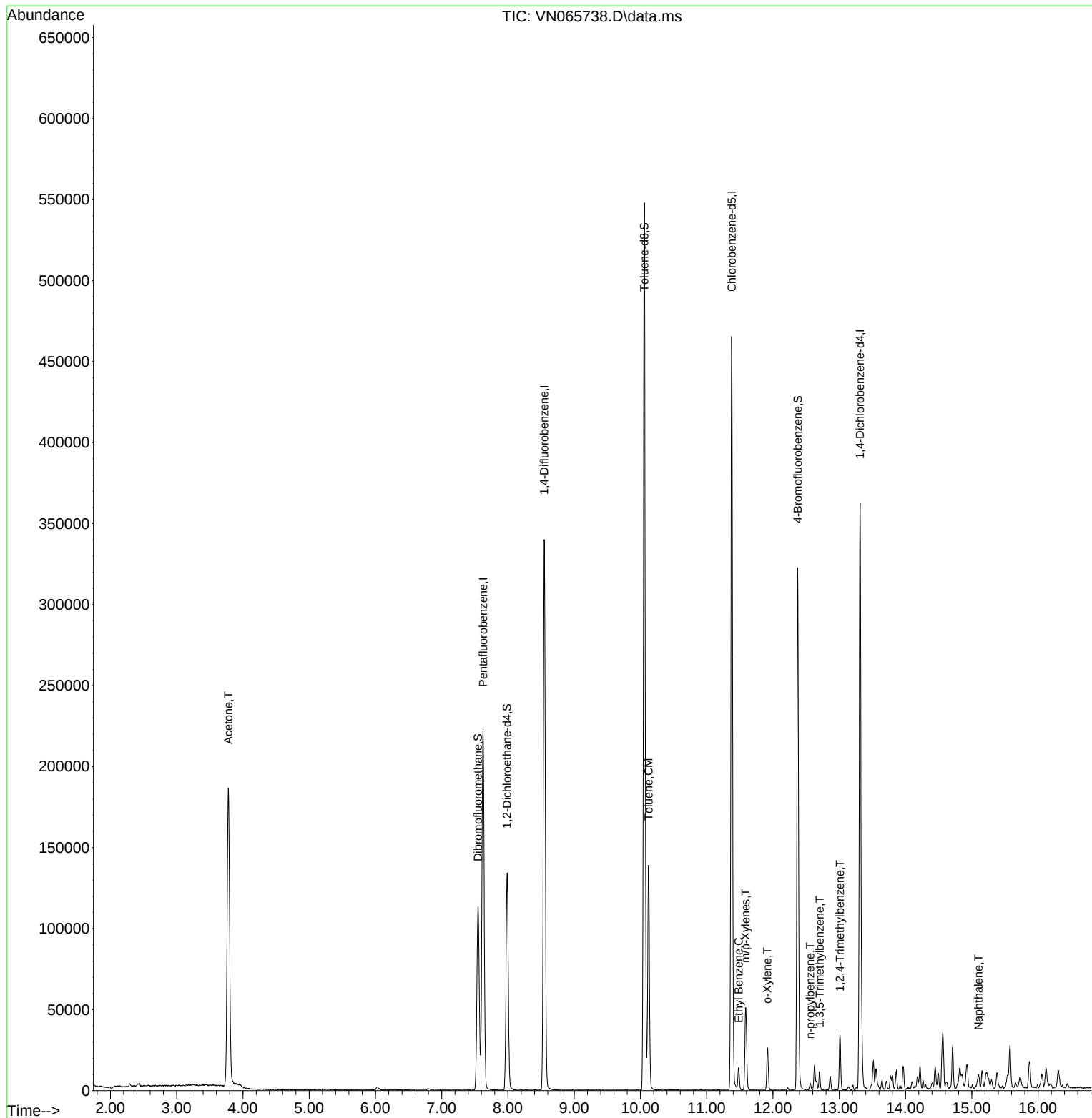
Target Compounds						Qvalue
16) Acetone	3.779	43	298172	308.20	ug/l	97
52) Toluene	10.122	92	61009	10.48	ug/l	99
67) Ethyl Benzene	11.482	91	10501	0.94	ug/l	99
68) m/p-Xylenes	11.588	106	17024	4.19	ug/l	96
69) o-Xylene	11.916	106	7966	2.02	ug/l	99
78) n-propylbenzene	12.563	91	4263	0.38	ug/l	95
80) 1,3,5-Trimethylbenzene	12.704	105	5742	0.71	ug/l	96
84) 1,2,4-Trimethylbenzene	13.013	105	20756	2.58	ug/l	98
95) Naphthalene	15.100	128	7827	4.49	ug/l	97

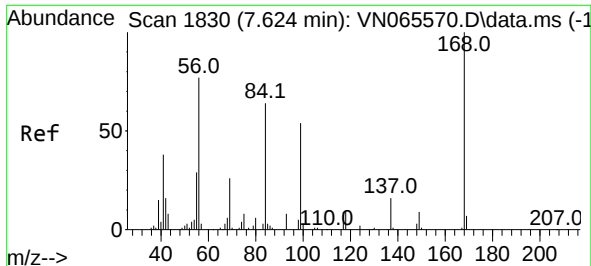
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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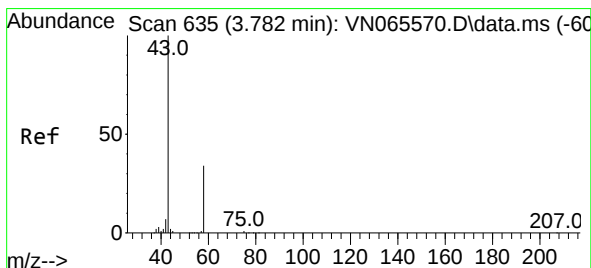
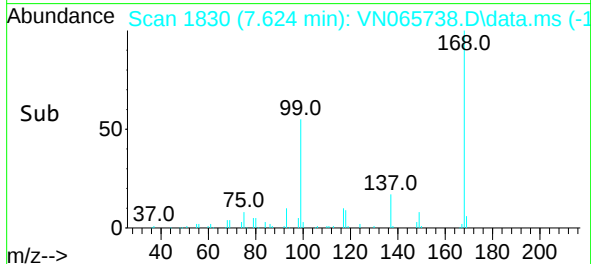
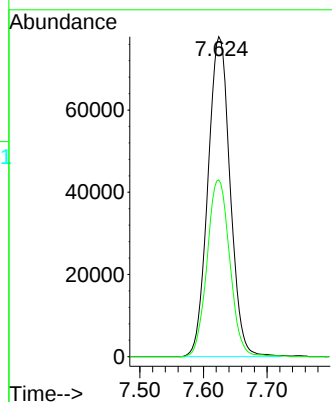
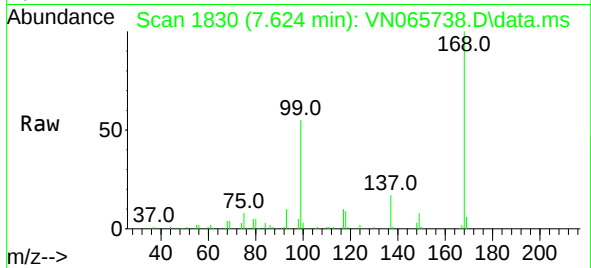




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065738.D
Acq: 5 Feb 2021 15:17

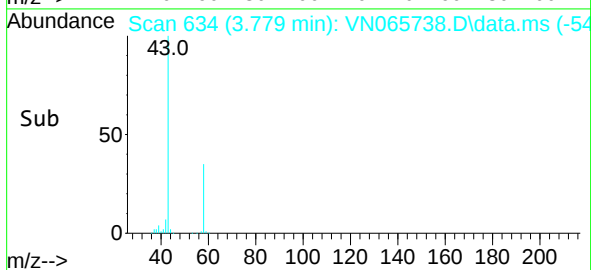
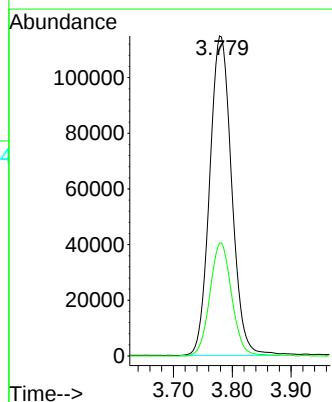
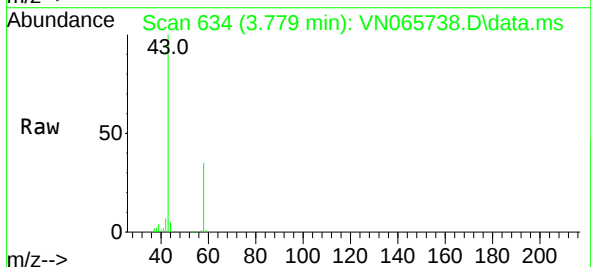
Instrument :
MSVOA_N
ClientSampleId :
40966DL

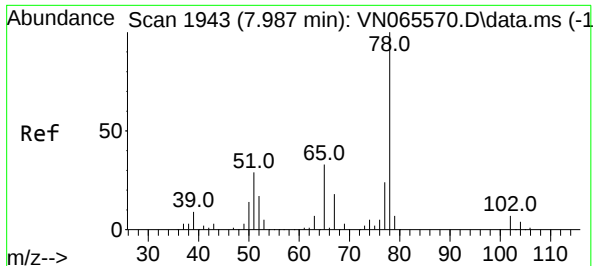
Tgt Ion:168 Resp: 188899
Ion Ratio Lower Upper
168 100
99 55.3 42.6 63.8



#16
Acetone
Concen: 308.20 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065738.D
Acq: 5 Feb 2021 15:17

Tgt Ion: 43 Resp: 298172
Ion Ratio Lower Upper
43 100
58 35.4 27.0 40.6

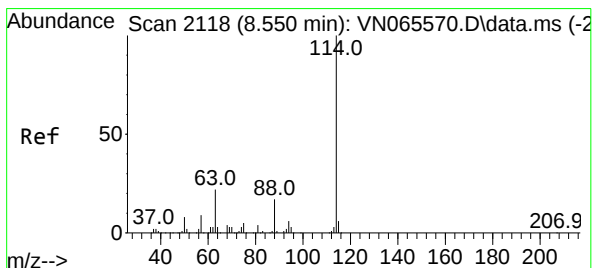
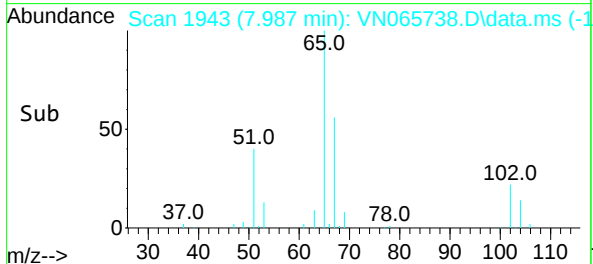
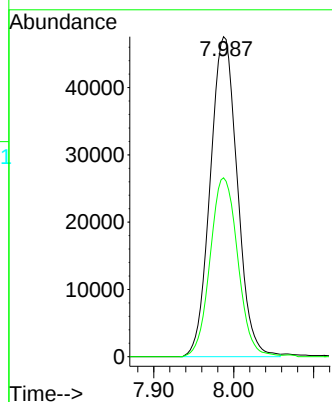
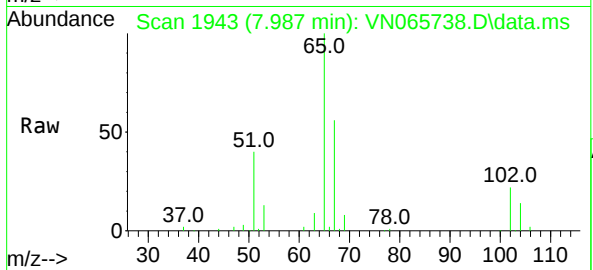




#33
1,2-Dichloroethane-d4
Concen: 45.06 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065738.D
Acq: 5 Feb 2021 15:17

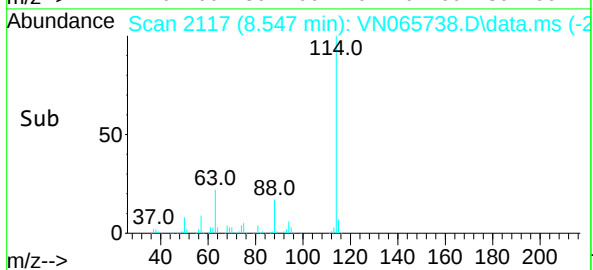
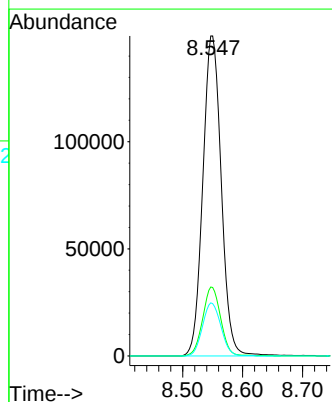
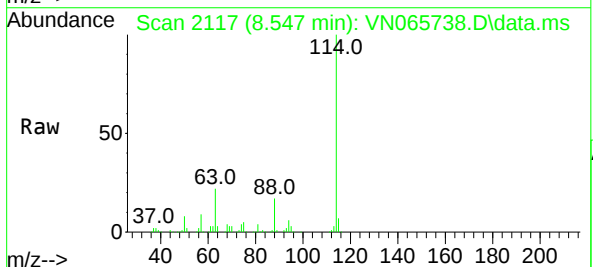
Instrument :
MSVOA_N
ClientSampled :
40966DL

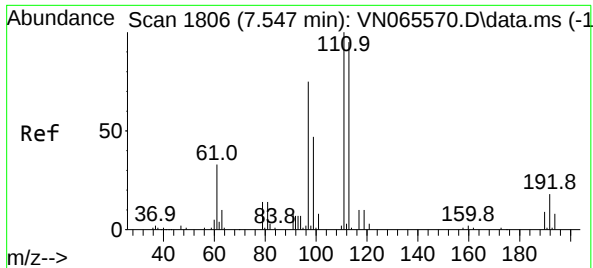
Tgt Ion: 65 Resp: 111972
Ion Ratio Lower Upper
65 100
67 57.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065738.D
Acq: 5 Feb 2021 15:17

Tgt Ion: 114 Resp: 319878
Ion Ratio Lower Upper
114 100
63 21.5 0.0 38.6
88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.13 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN065738.D

Acq: 5 Feb 2021 15:17

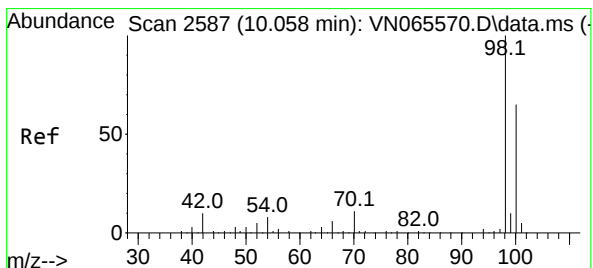
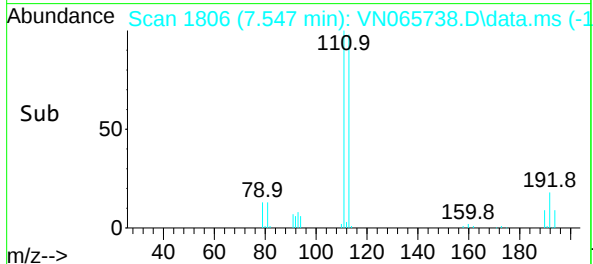
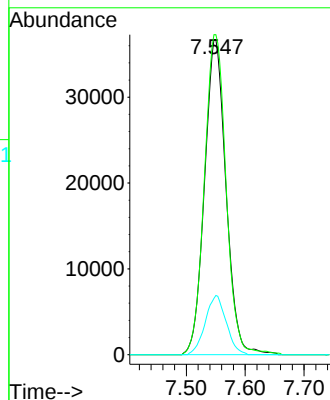
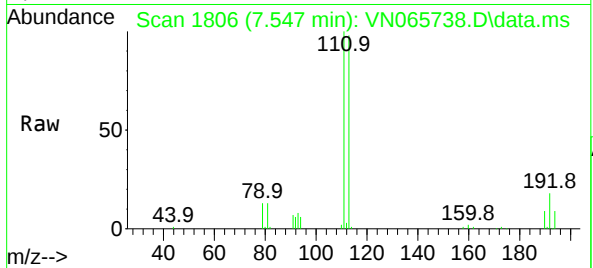
Tgt Ion:113 Resp: 93134

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

192 18.3 15.4 23.0



#50

Toluene-d8

Concen: 53.56 ug/l

RT: 10.058 min Scan# 2587

Delta R.T. 0.000 min

Lab File: VN065738.D

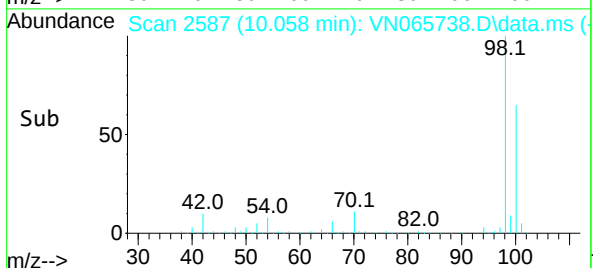
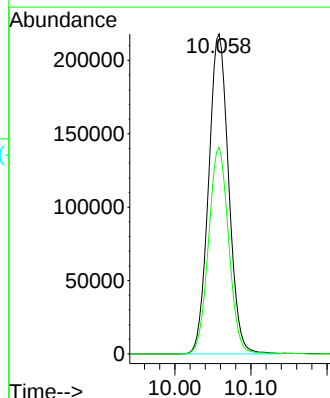
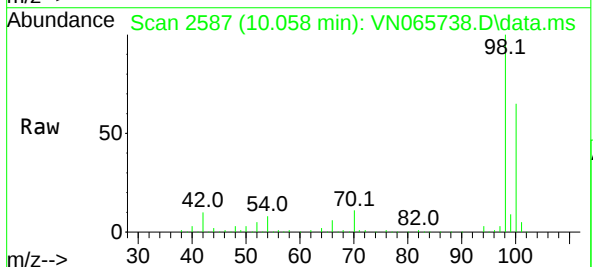
Acq: 5 Feb 2021 15:17

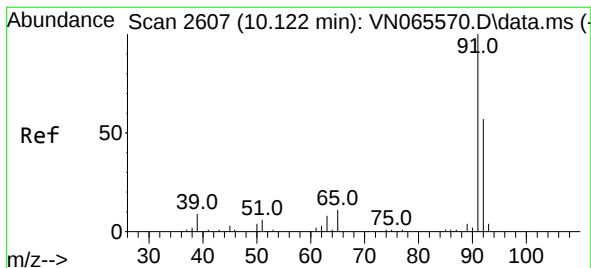
Tgt Ion: 98 Resp: 399118

Ion Ratio Lower Upper

98 100

100 64.9 50.5 75.7

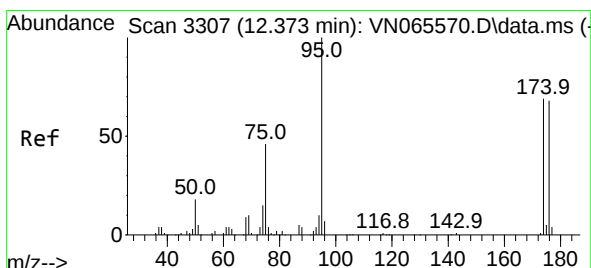
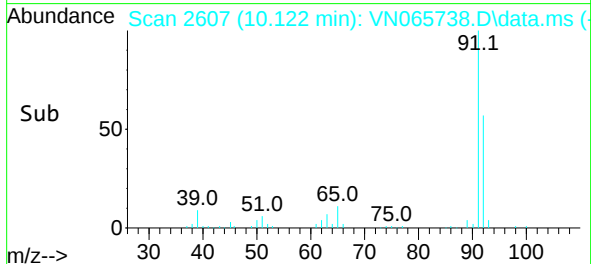
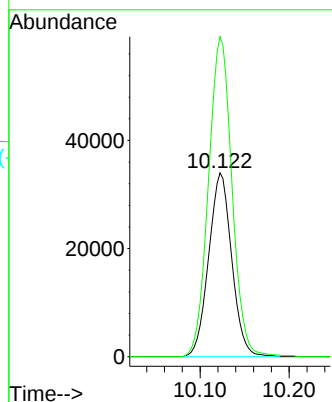
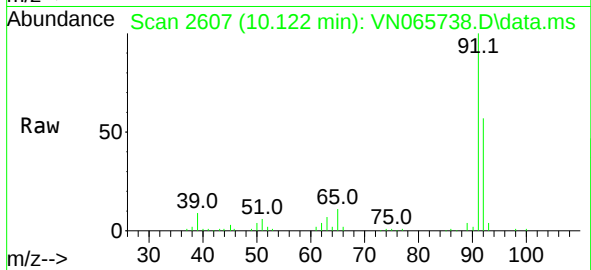




#52
Toluene
Concen: 10.48 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065738.D
Acq: 5 Feb 2021 15:17

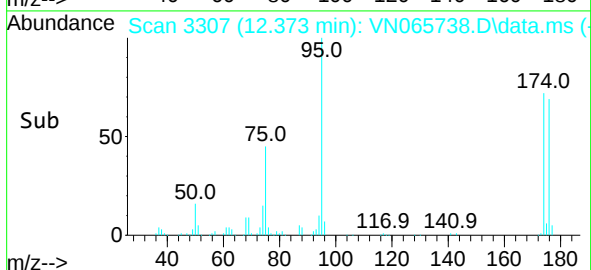
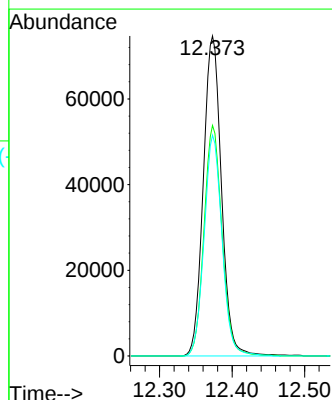
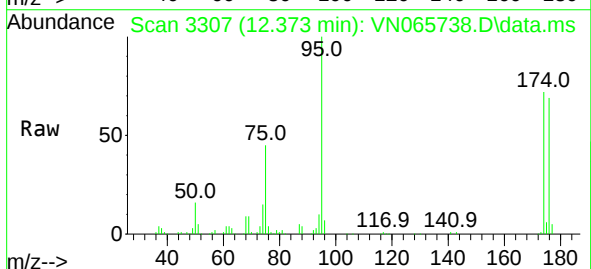
Instrument :
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ClientSampleId :
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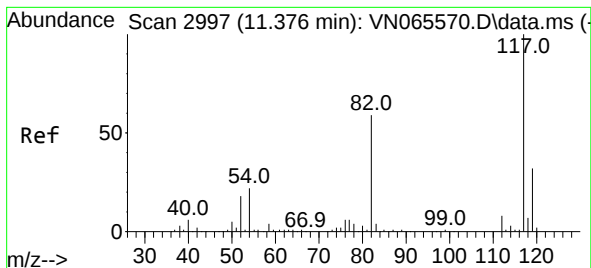
Tgt Ion: 92 Resp: 61009
Ion Ratio Lower Upper
92 100
91 177.8 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 48.42 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065738.D
Acq: 5 Feb 2021 15:17

Tgt Ion: 95 Resp: 129925
Ion Ratio Lower Upper
95 100
174 71.7 0.0 169.0
176 68.0 0.0 162.4

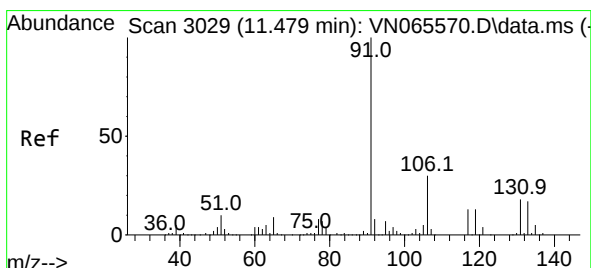
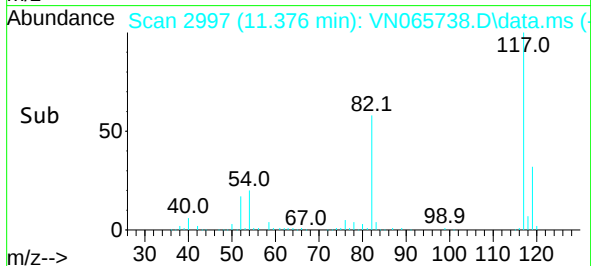
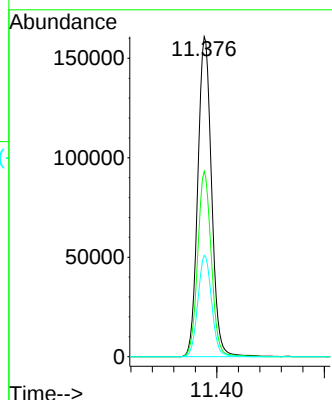
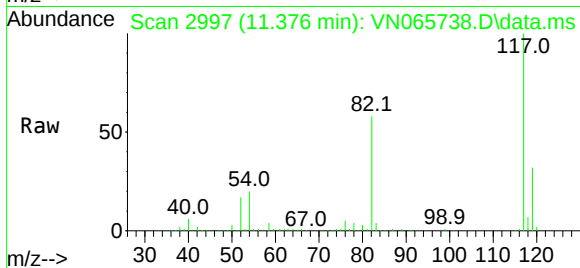




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065738.D
Acq: 5 Feb 2021 15:17

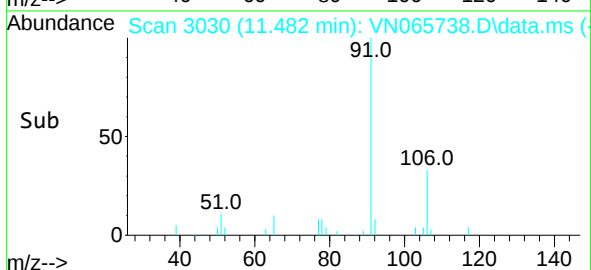
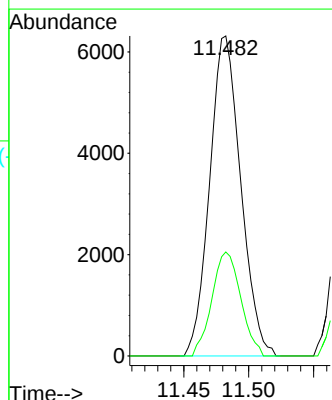
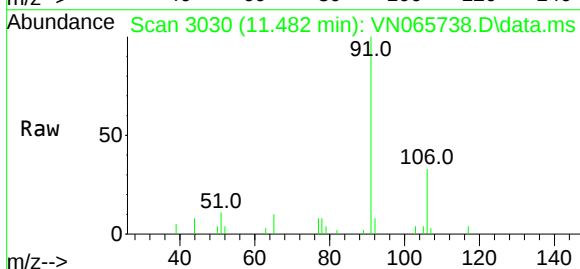
Instrument :
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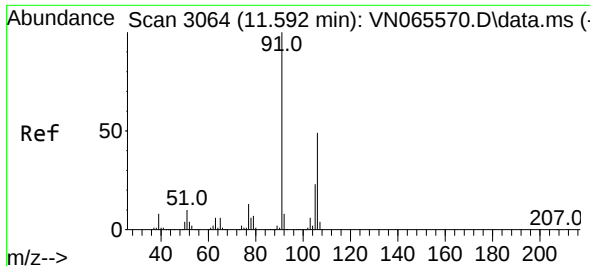
Tgt Ion:117 Resp: 285715
Ion Ratio Lower Upper
117 100
82 58.0 43.7 65.5
119 31.7 26.1 39.1



#67
Ethyl Benzene
Concen: 0.94 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN065738.D
Acq: 5 Feb 2021 15:17

Tgt Ion: 91 Resp: 10501
Ion Ratio Lower Upper
91 100
106 32.5 25.5 38.3

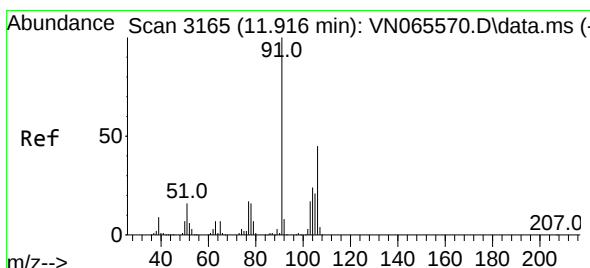
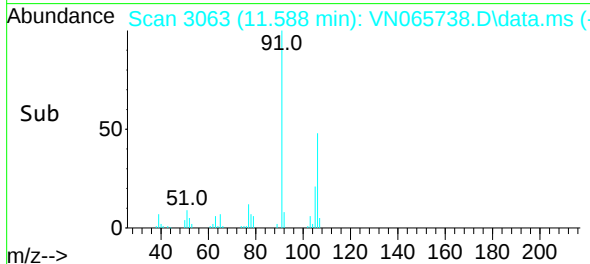
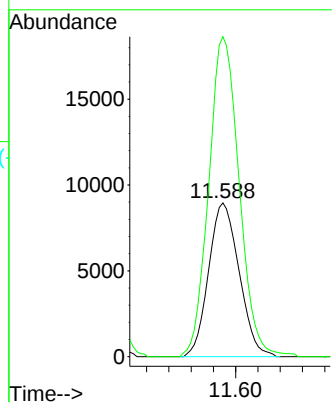
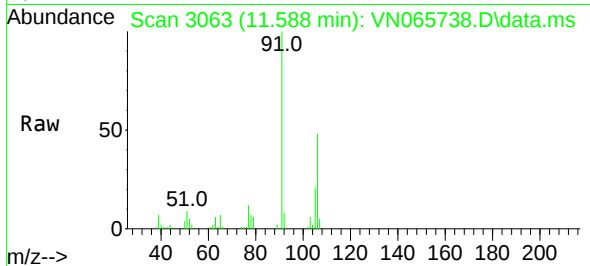




#68
m/p-Xylenes
Concen: 4.19 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065738.D
Acq: 5 Feb 2021 15:17

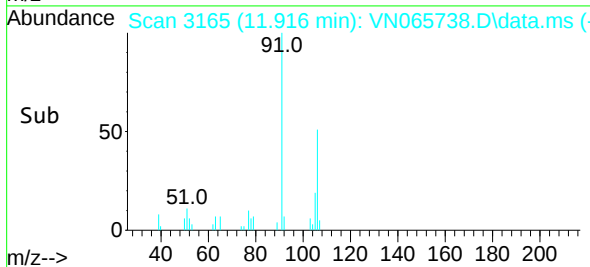
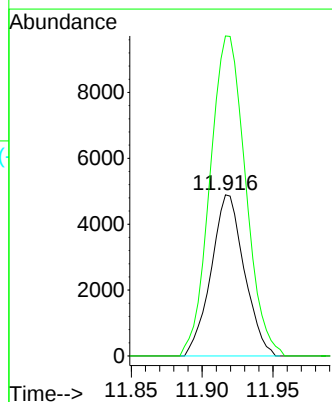
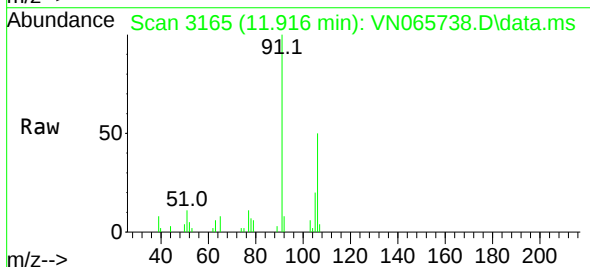
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ClientSampled :
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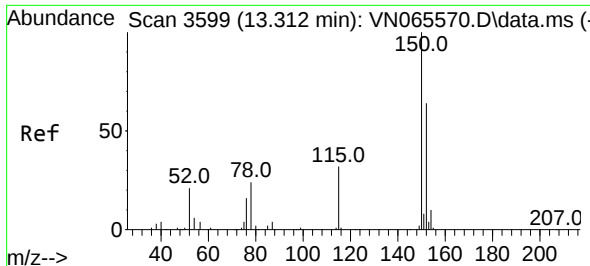
Tgt Ion:106 Resp: 17024
Ion Ratio Lower Upper
106 100
91 207.8 161.4 242.0



#69
o-Xylene
Concen: 2.02 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN065738.D
Acq: 5 Feb 2021 15:17

Tgt Ion:106 Resp: 7966
Ion Ratio Lower Upper
106 100
91 212.7 106.8 320.4

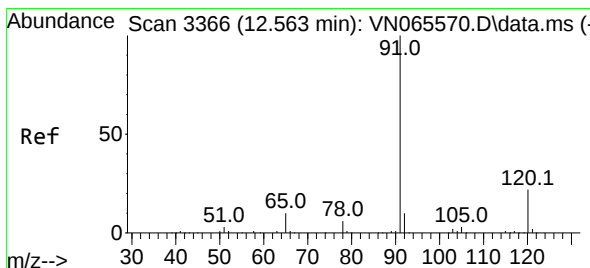
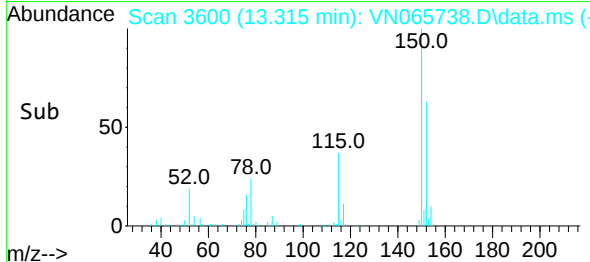
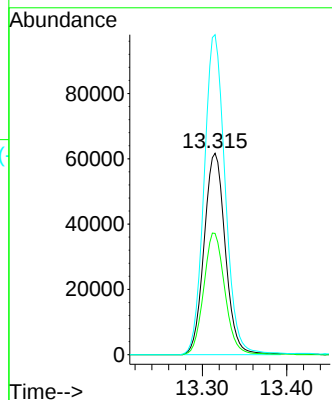
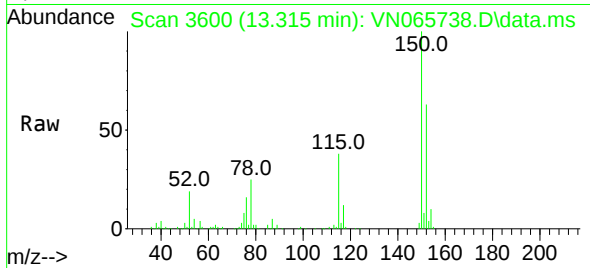




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065738.D
Acq: 5 Feb 2021 15:17

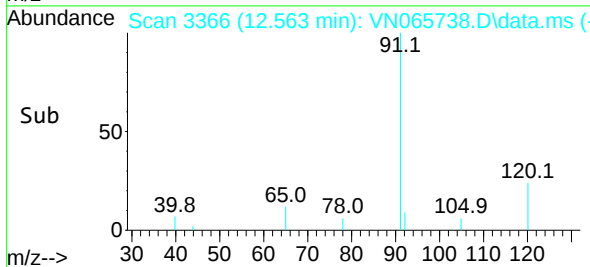
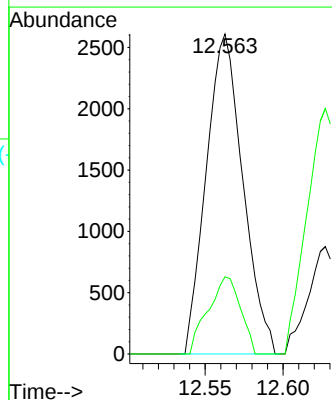
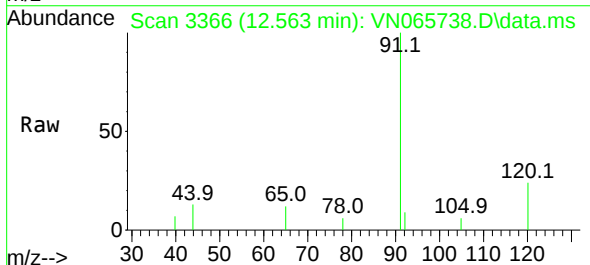
Instrument :
MSVOA_N
ClientSampleID :
40966DL

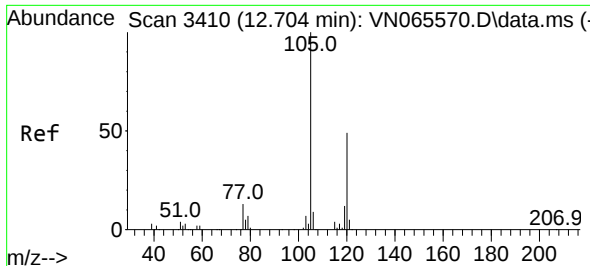
Tgt Ion:152 Resp: 108351
Ion Ratio Lower Upper
152 100
115 60.1 28.5 85.6
150 157.9 0.0 347.6



#78
n-propylbenzene
Concen: 0.38 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065738.D
Acq: 5 Feb 2021 15:17

Tgt Ion: 91 Resp: 4263
Ion Ratio Lower Upper
91 100
120 21.3 11.8 35.3

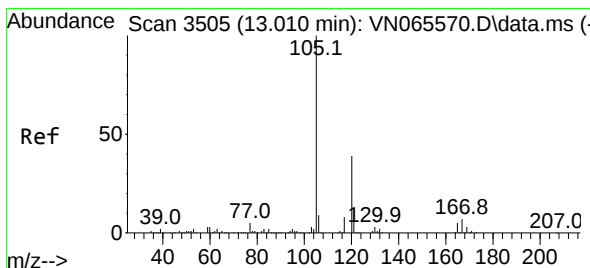
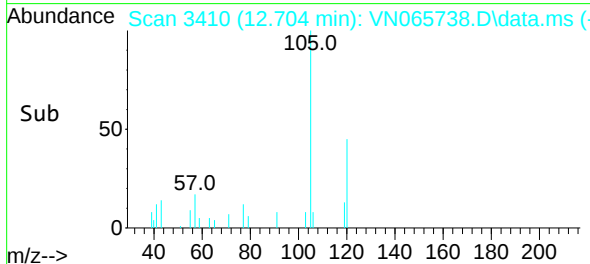
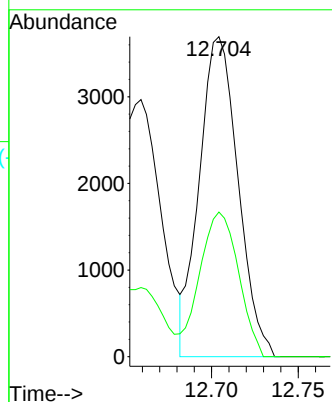
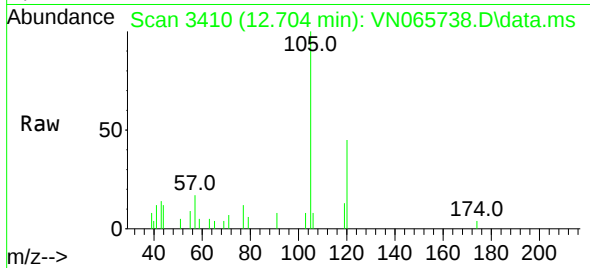




#80
1,3,5-Trimethylbenzene
Concen: 0.71 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065738.D
Acq: 5 Feb 2021 15:17

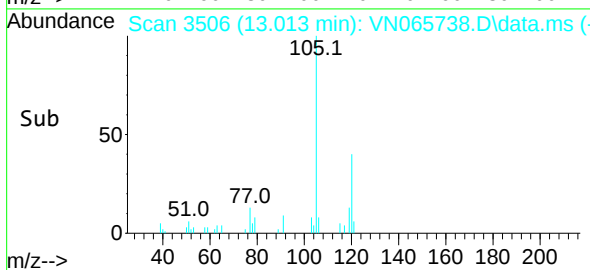
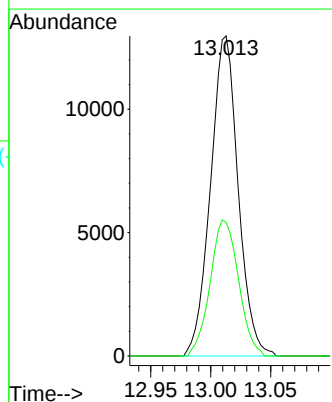
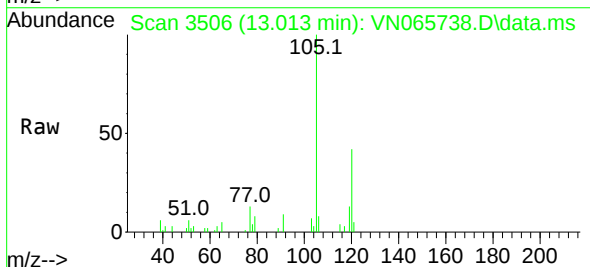
Instrument :
MSVOA_N
ClientSampled :
40966DL

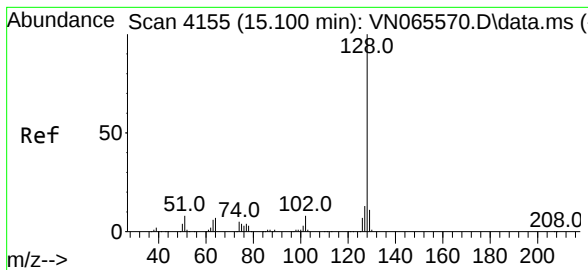
Tgt Ion:105 Resp: 5742
Ion Ratio Lower Upper
105 100
120 45.9 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 2.58 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. 0.003 min
Lab File: VN065738.D
Acq: 5 Feb 2021 15:17

Tgt Ion:105 Resp: 20756
Ion Ratio Lower Upper
105 100
120 43.7 22.4 67.0





#95
 Naphthalene
 Concen: 4.49 ug/l
 RT: 15.100 min Scan# 4155
 Delta R.T. -0.000 min
 Lab File: VN065738.D
 Acq: 5 Feb 2021 15:17

Instrument :
 MSVOA_N
 ClientSampleId :
 40966DL

Tgt Ion:	128	Resp:	7827
Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.2	15.2
129	10.1	8.6	13.0

