

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020921\
 Data File : VN065777.D
 Acq On : 9 Feb 2021 13:56
 Operator : JC/MD
 Sample : M1318-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31394-5-31403-31387

Quant Time: Feb 09 14:19:39 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)

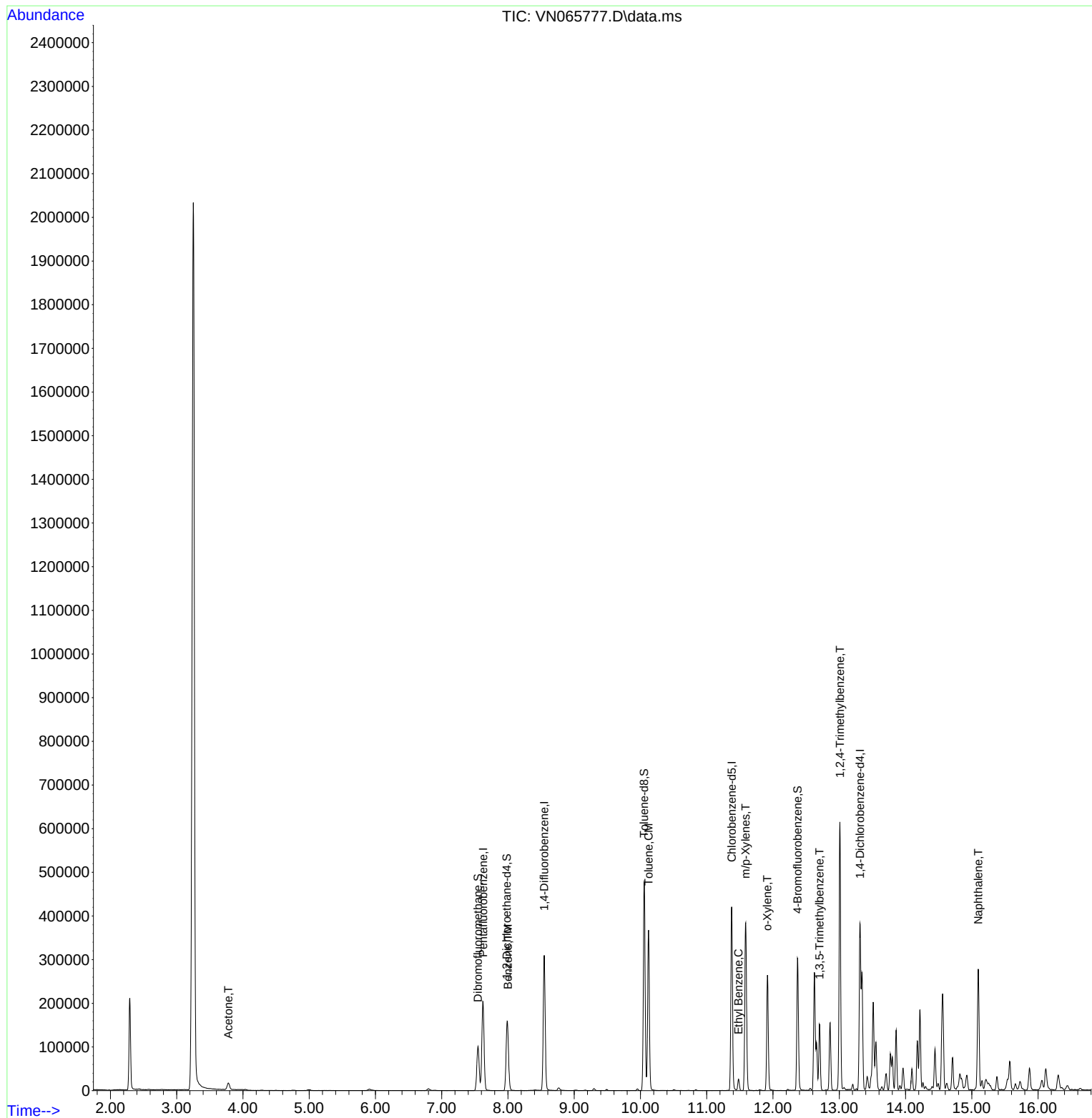
Internal Standards						
1) Pentafluorobenzene	7.624	168	173947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	291746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	259310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	107978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	97280	42.51	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.02%		
35) Dibromofluoromethane	7.547	113	83355	48.21	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.42%		
50) Toluene-d8	10.055	98	359949	52.97	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.94%		
62) 4-Bromofluorobenzene	12.370	95	120447	49.22	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.44%		
Target Compounds					Qvalue	
16) Acetone	3.779	43	20590	23.11	ug/l	97
40) Benzene	8.000	78	59779	6.67	ug/l	99
52) Toluene	10.122	92	168708	31.77	ug/l	97
67) Ethyl Benzene	11.479	91	20644	2.03	ug/l	97
68) m/p-Xylenes	11.589	106	129911	35.21	ug/l	99
69) o-Xylene	11.916	106	76941	21.52	ug/l	100
80) 1,3,5-Trimethylbenzene	12.701	105	88002	10.93	ug/l	99
84) 1,2,4-Trimethylbenzene	13.010	105	359440	44.77	ug/l	99
95) Naphthalene	15.096	128	242400	35.71	ug/l	100

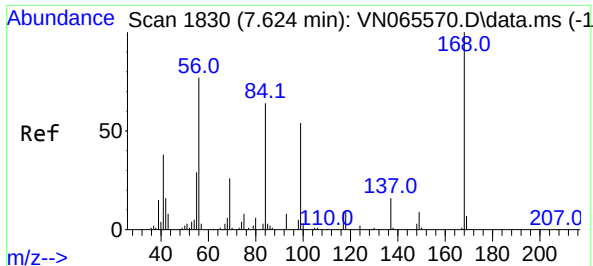
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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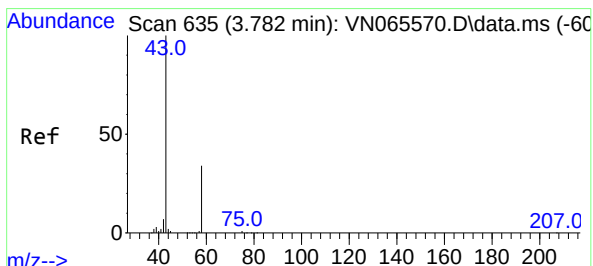
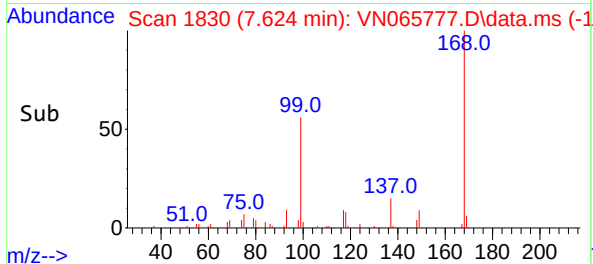
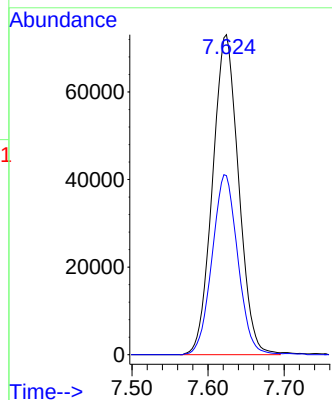
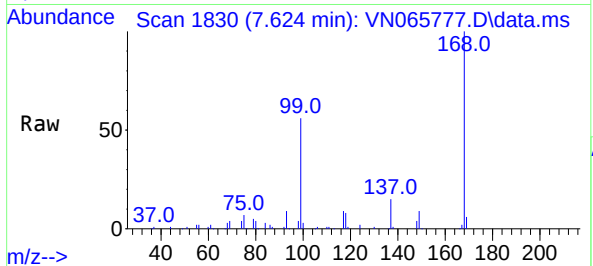




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

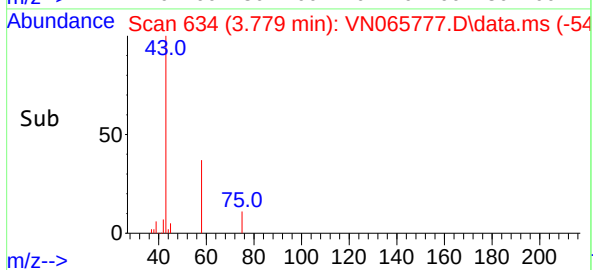
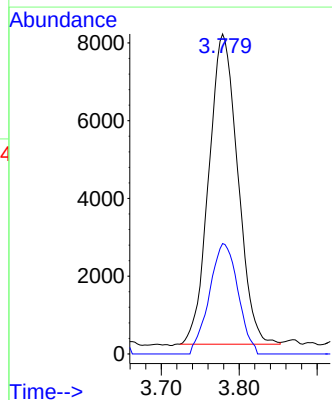
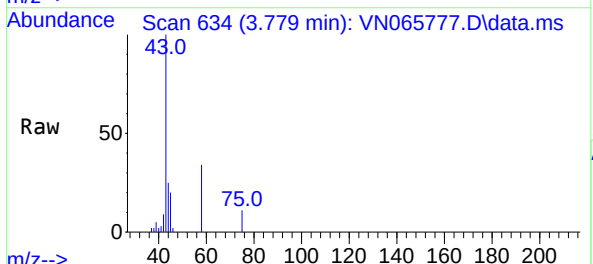
Instrument :
MSVOA_N
ClientSampleId :
31394-5-31403-31387

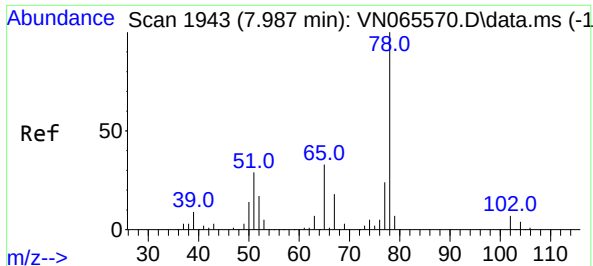
Tgt Ion:168 Resp: 173947
Ion Ratio Lower Upper
168 100
99 55.9 42.6 63.8



#16
Acetone
Concen: 23.11 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

Tgt Ion: 43 Resp: 20590
Ion Ratio Lower Upper
43 100
58 35.6 27.0 40.6

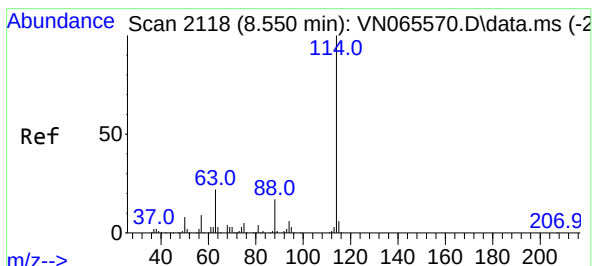
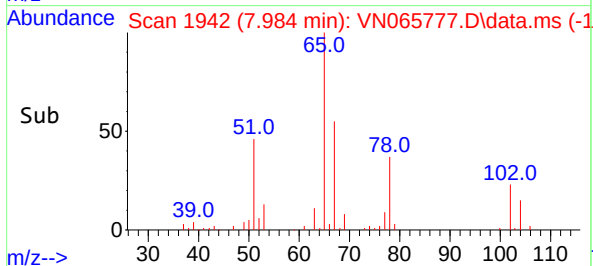
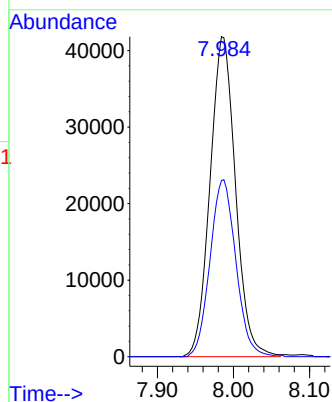
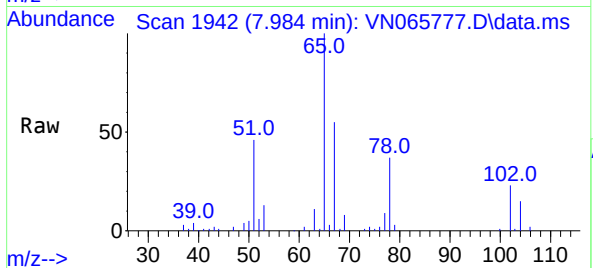




#33
1,2-Dichloroethane-d4
Concen: 42.51 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

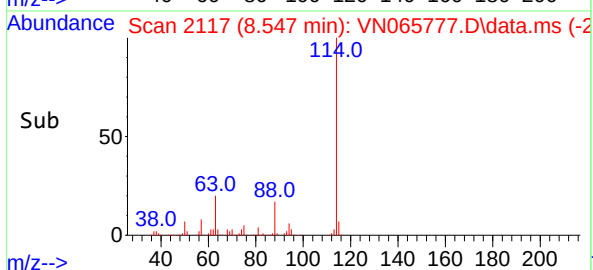
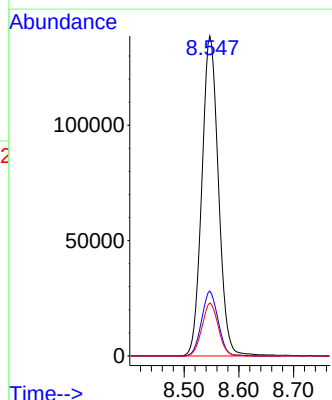
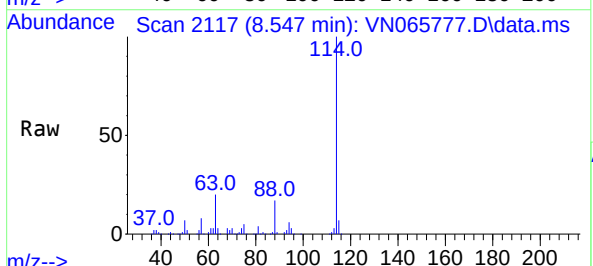
Instrument :
MSVOA_N
ClientSampleId :
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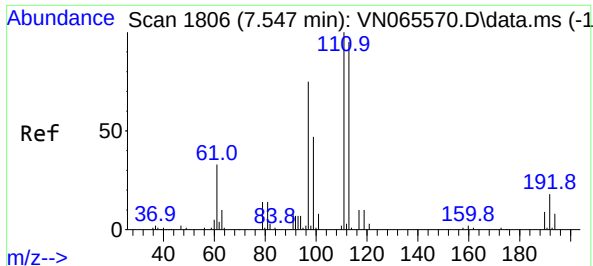
Tgt Ion: 65 Resp: 97280
Ion Ratio Lower Upper
65 100
67 55.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

Tgt Ion: 114 Resp: 291746
Ion Ratio Lower Upper
114 100
63 20.3 0.0 38.6
88 16.6 0.0 30.6

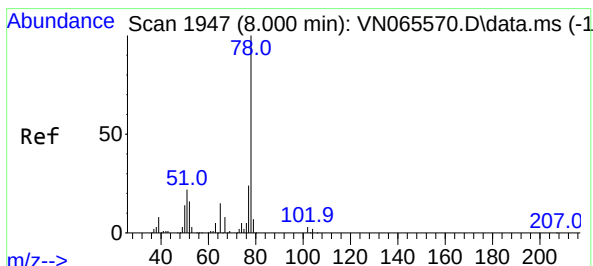
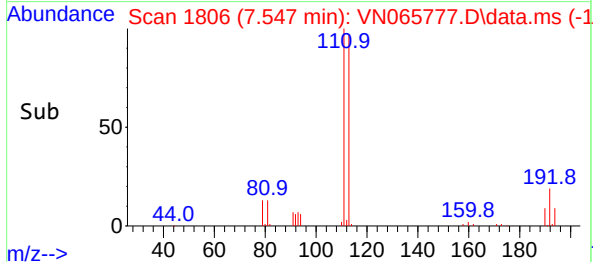
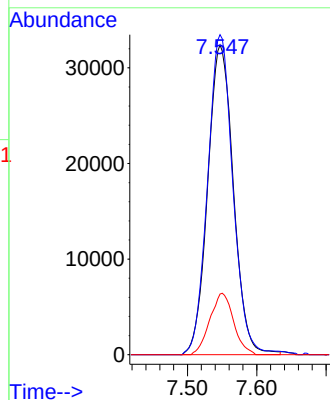
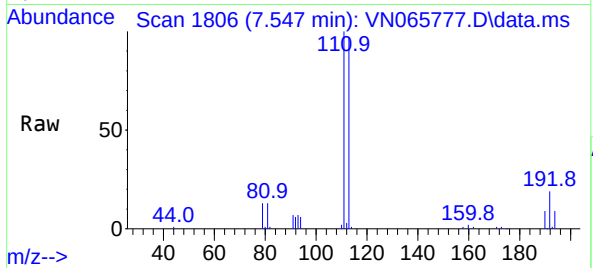




#35
Dibromofluoromethane
Concen: 48.21 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

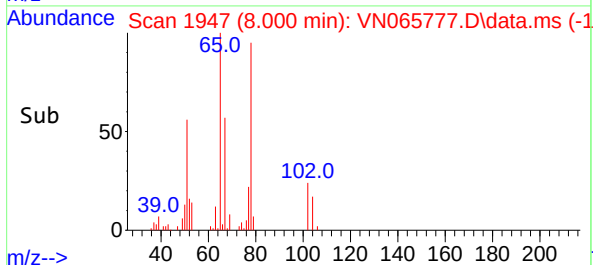
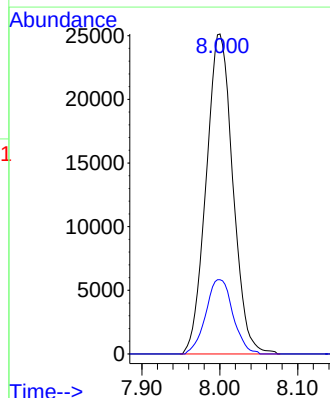
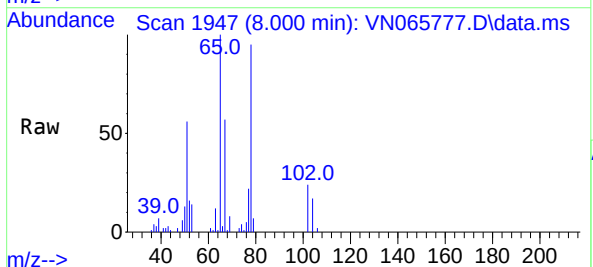
Instrument :
MSVOA_N
ClientSampleId :
31394-5-31403-31387

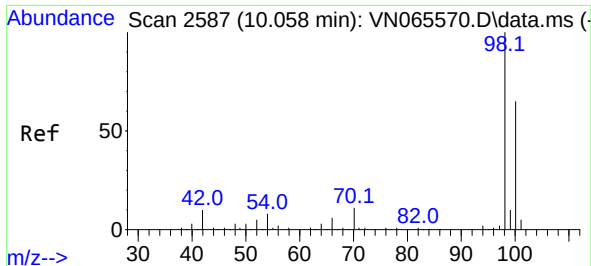
Tgt Ion:113 Resp: 83355
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 18.4 15.4 23.0



#40
Benzene
Concen: 6.67 ug/l
RT: 8.000 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

Tgt Ion: 78 Resp: 59779
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4

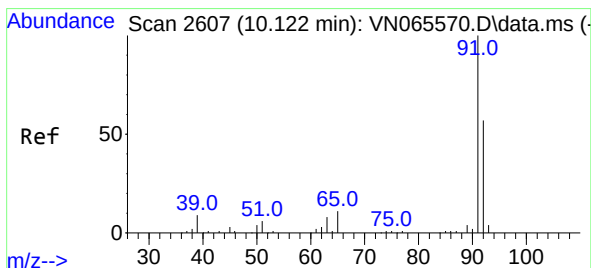
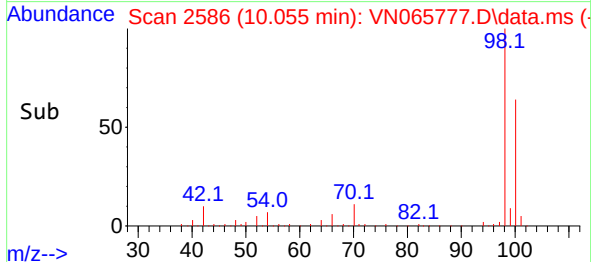
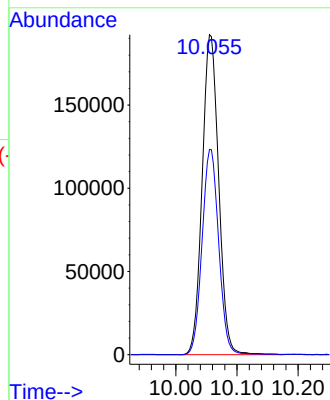
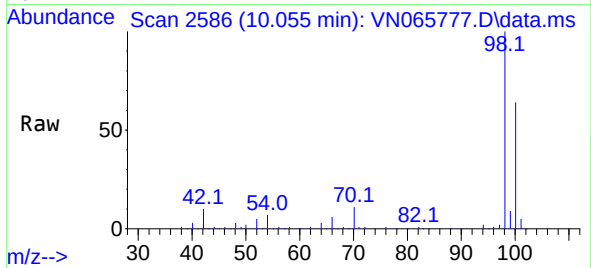




#50
Toluene-d8
Concen: 52.97 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

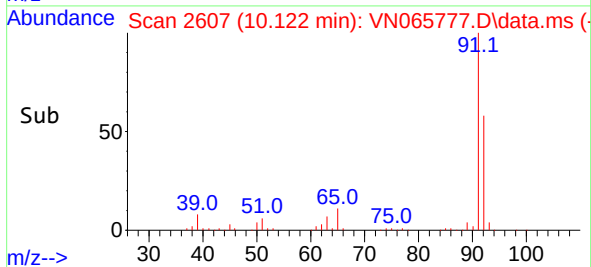
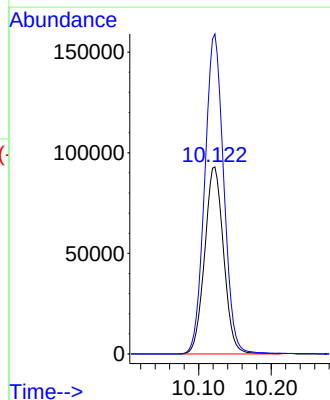
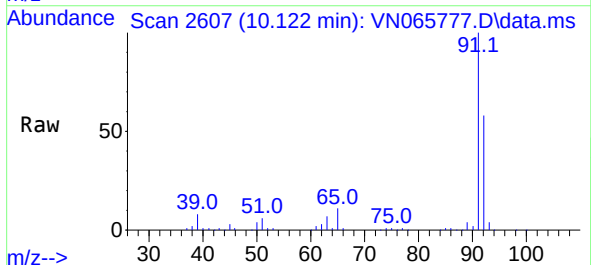
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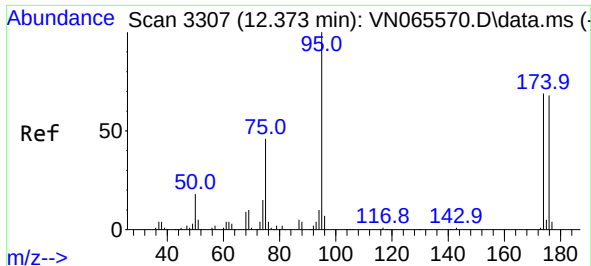
Tgt Ion: 98 Resp: 359949
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7



#52
Toluene
Concen: 31.77 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

Tgt Ion: 92 Resp: 168708
Ion Ratio Lower Upper
92 100
91 171.7 140.7 211.1

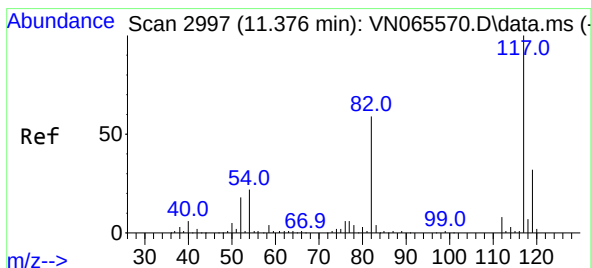
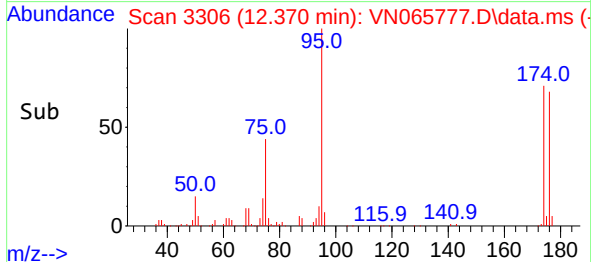
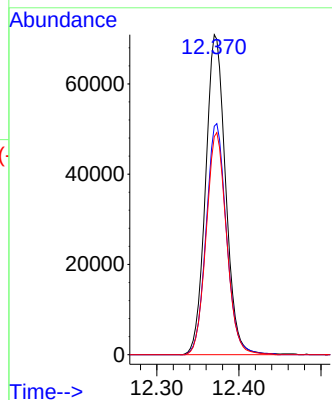
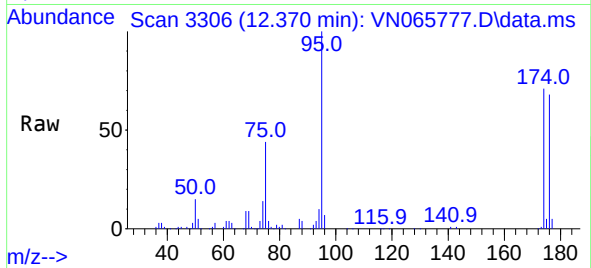




#62
4-Bromofluorobenzene
Concen: 49.22 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. -0.003 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

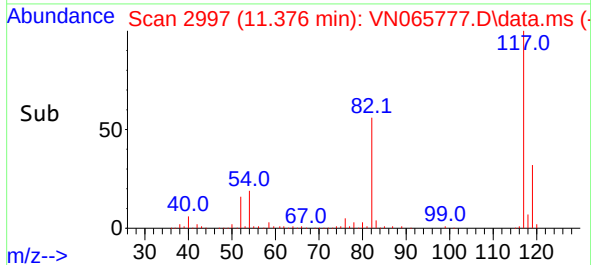
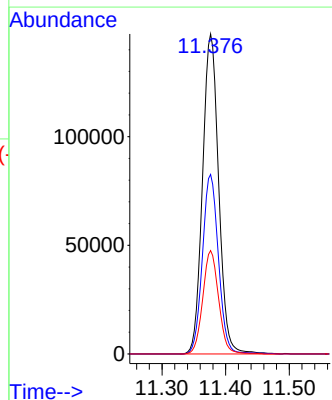
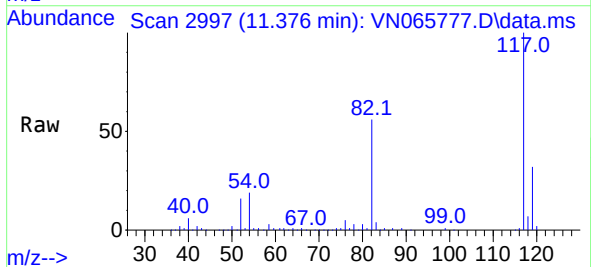
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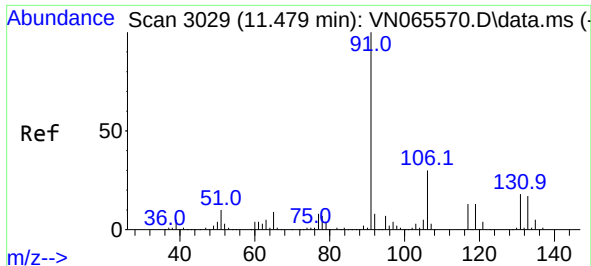
Tgt Ion: 95 Resp: 120447
Ion Ratio Lower Upper
95 100
174 73.1 0.0 169.0
176 70.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

Tgt Ion: 117 Resp: 259310
Ion Ratio Lower Upper
117 100
82 56.1 43.7 65.5
119 32.3 26.1 39.1

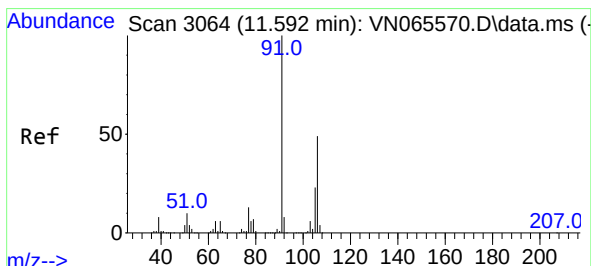
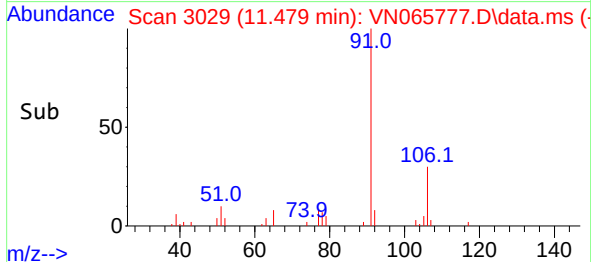
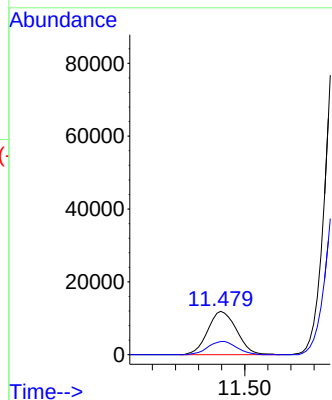
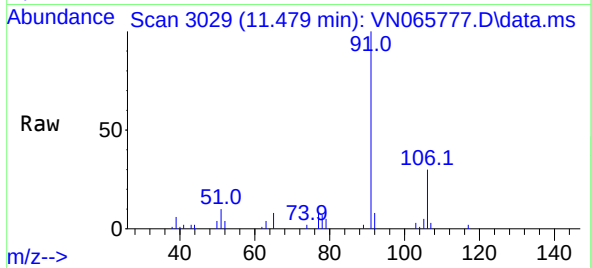




#67
Ethyl Benzene
Concen: 2.03 ug/l
RT: 11.479 min Scan# 3029
Delta R.T. 0.000 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

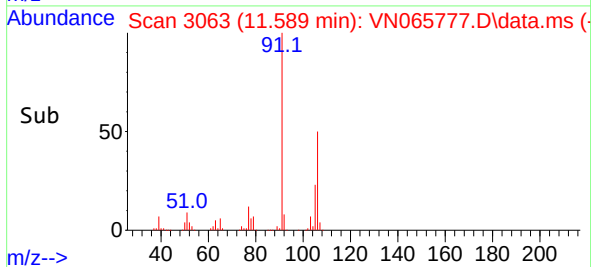
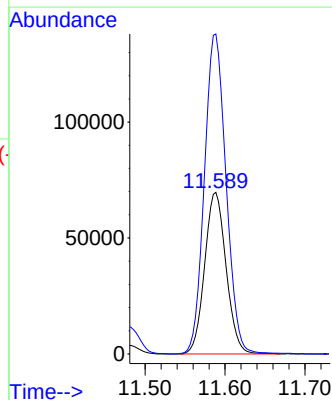
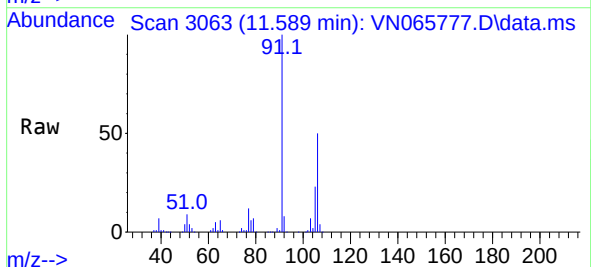
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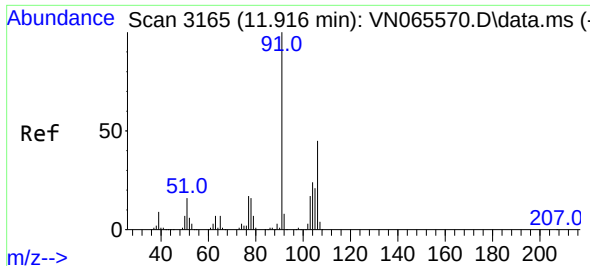
Tgt Ion: 91 Resp: 20644
Ion Ratio Lower Upper
91 100
106 30.1 25.5 38.3



#68
m/p-Xylenes
Concen: 35.21 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

Tgt Ion: 106 Resp: 129911
Ion Ratio Lower Upper
106 100
91 200.5 161.4 242.0

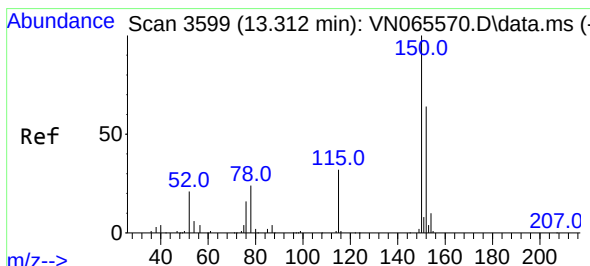
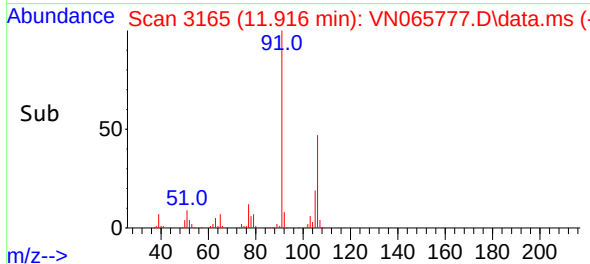
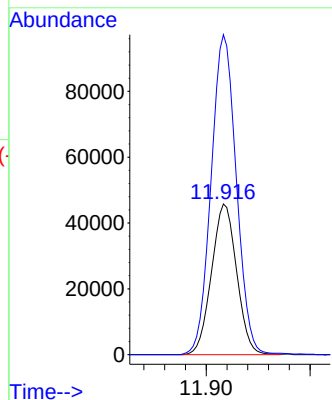
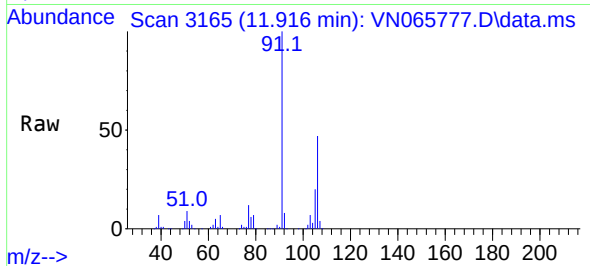




#69
o-Xylene
Concen: 21.52 ug/l
RT: 11.916 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

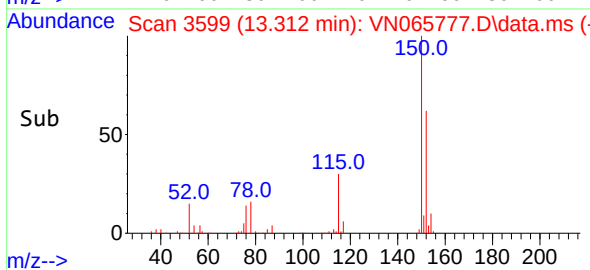
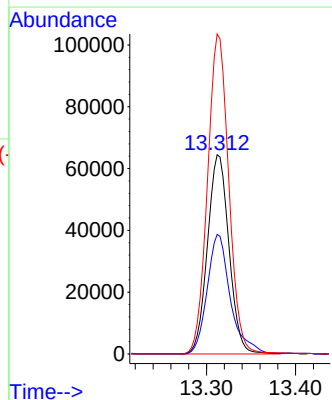
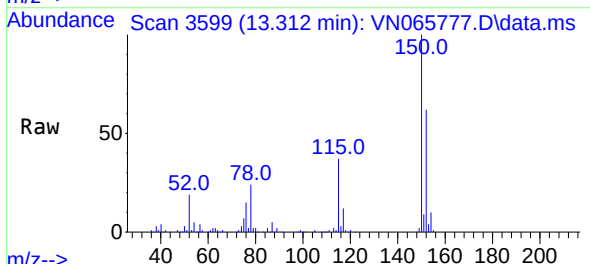
Instrument :
MSVOA_N
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31394-5-31403-31387

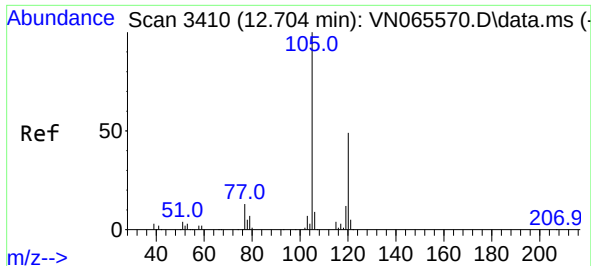
Tgt Ion:106 Resp: 76941
Ion Ratio Lower Upper
106 100
91 213.4 106.8 320.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.312 min Scan# 3599
Delta R.T. -0.000 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

Tgt Ion:152 Resp: 107978
Ion Ratio Lower Upper
152 100
115 64.9 28.5 85.6
150 159.1 0.0 347.6

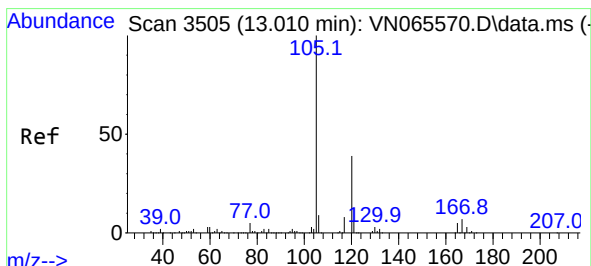
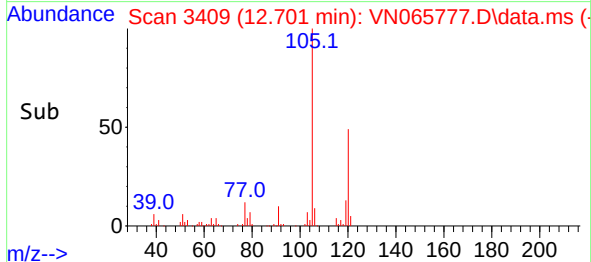
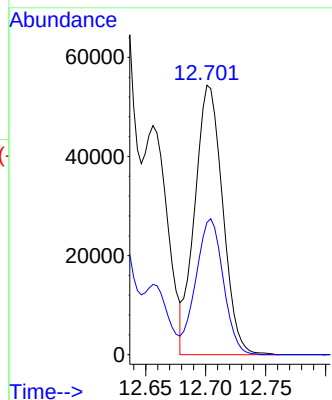
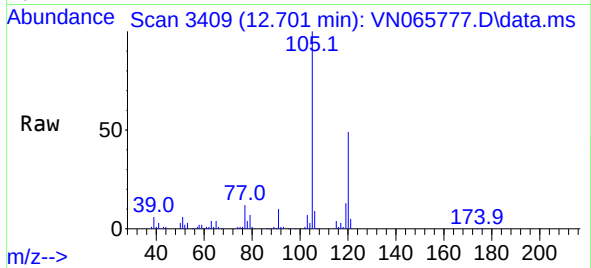




#80
1,3,5-Trimethylbenzene
Concen: 10.93 ug/l
RT: 12.701 min Scan# 3409
Delta R.T. -0.003 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

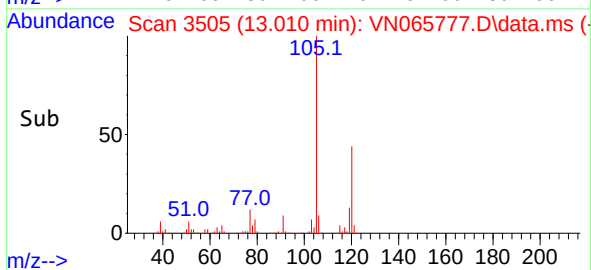
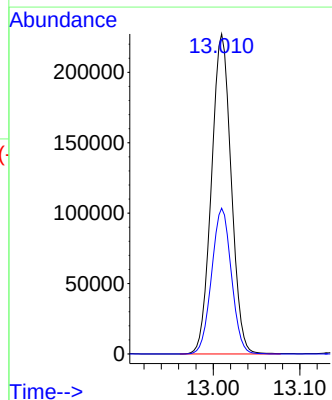
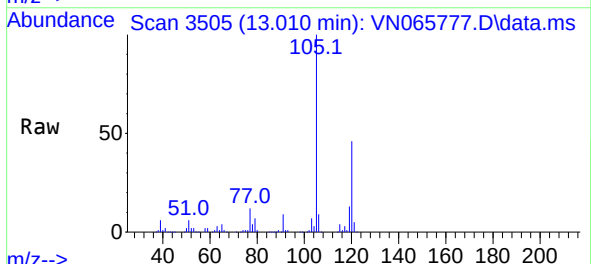
Instrument :
MSVOA_N
ClientSampleId :
31394-5-31403-31387

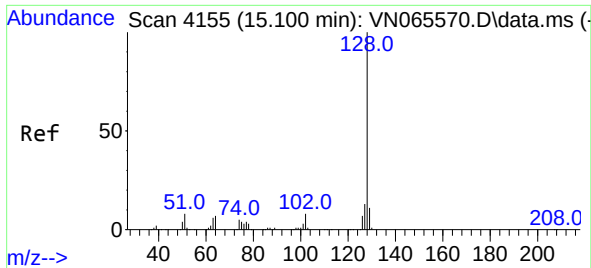
Tgt Ion:105 Resp: 88002
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 44.77 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

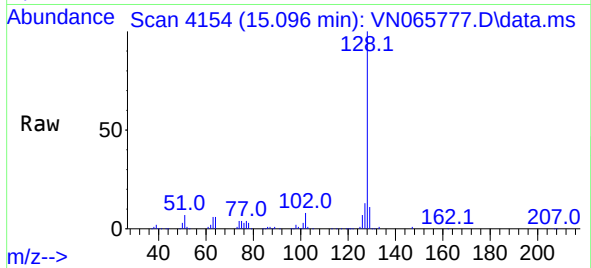
Tgt Ion:105 Resp: 359440
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.0





#95
Naphthalene
Concen: 35.71 ug/l
RT: 15.096 min Scan# 4154
Delta R.T. -0.004 min
Lab File: VN065777.D
Acq: 9 Feb 2021 13:56

Instrument :
MSVOA_N
ClientSampleId :
31394-5-31403-31387



Tgt Ion:128 Resp: 242400
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.6 13.0

