

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070175.D
 Acq On : 17 Dec 2021 20:00
 Operator : JC/MD
 Sample : M5039-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-31

Quant Time: Dec 18 05:48:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	918898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1551443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1366929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	474705	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	703329	49.573	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.140%
35) Dibromofluoromethane	8.024	113	454586	46.778	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.560%
50) Toluene-d8	10.443	98	1732450	44.398	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	88.800%
62) 4-Bromofluorobenzene	12.731	95	569345	40.275	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	80.560%

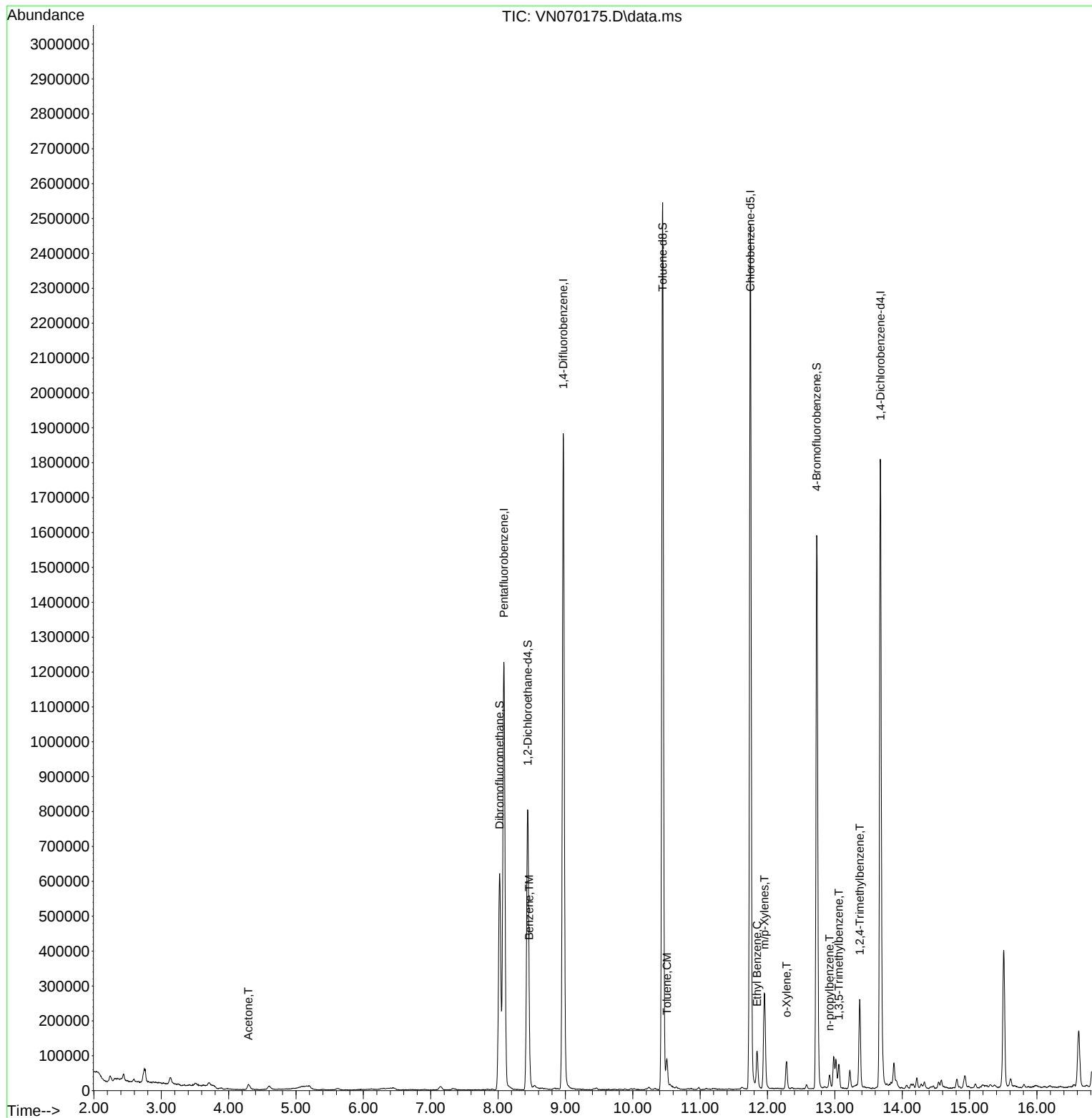
Target Compounds					Qvalue
16) Acetone	4.293	43	26606	3.117	ug/l 97
40) Benzene	8.461	78	17247	0.382	ug/l 95
52) Toluene	10.508	92	30913	1.122	ug/l 100
67) Ethyl Benzene	11.846	91	76135	1.511	ug/l 98
68) m/p-Xylenes	11.956	106	86701	4.727	ug/l 90
69) o-Xylene	12.283	106	21416	1.159	ug/l 94
78) n-propylbenzene	12.921	91	30025	0.639	ug/l 97
80) 1,3,5-Trimethylbenzene	13.061	105	31109	0.915	ug/l 98
84) 1,2,4-Trimethylbenzene	13.369	105	144727	4.470	ug/l 96

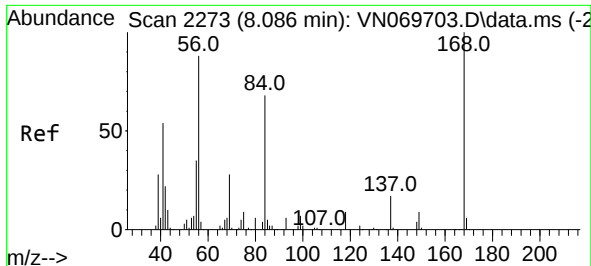
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

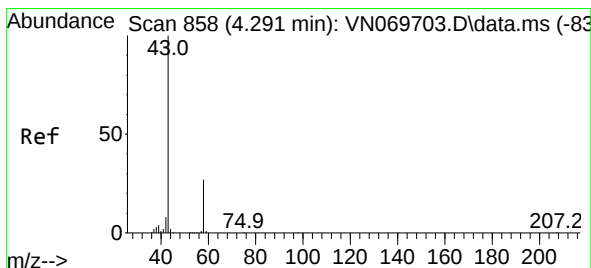
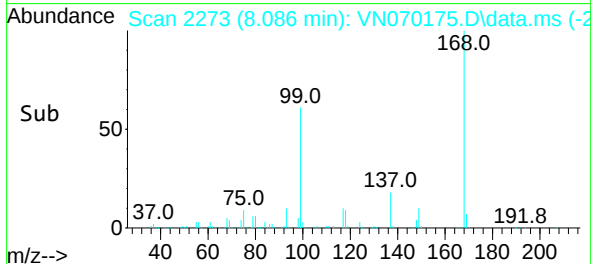
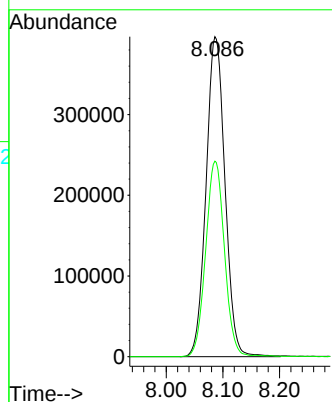
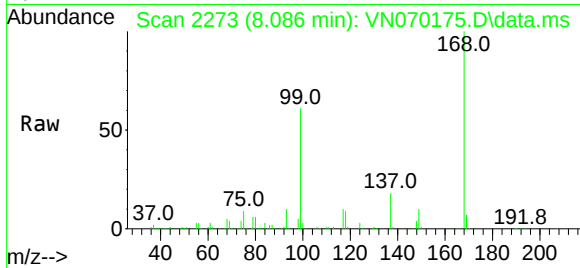




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070175.D
Acq: 17 Dec 2021 20:00

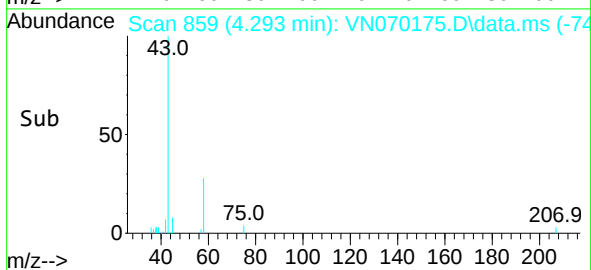
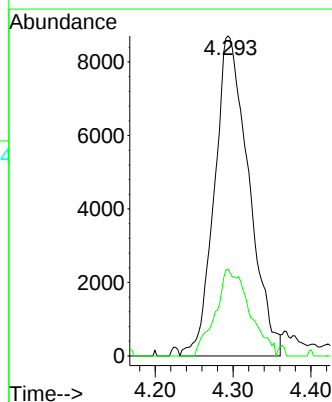
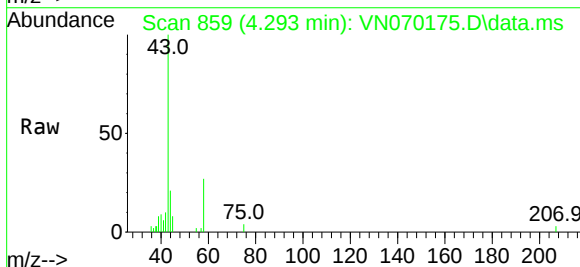
Instrument :
MSVOA_N
ClientSampleId :
MW-31

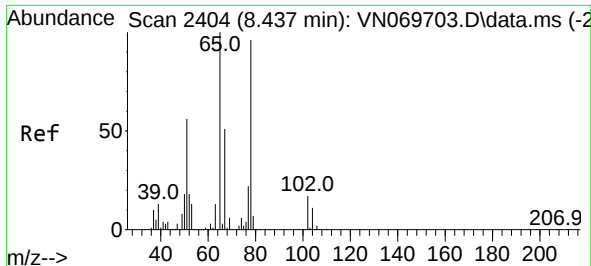
Tgt Ion:168 Resp: 918898
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9



#16
Acetone
Concen: 3.117 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070175.D
Acq: 17 Dec 2021 20:00

Tgt Ion: 43 Resp: 26606
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 49.573 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070175.D

Acq: 17 Dec 2021 20:00

Instrument :

MSVOA_N

ClientSampleId :

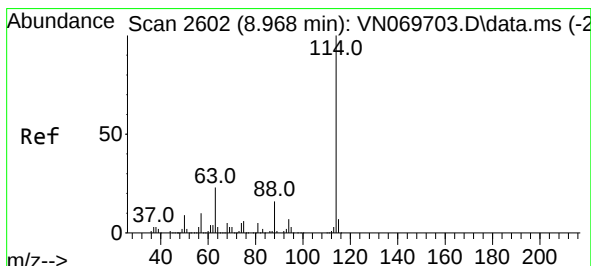
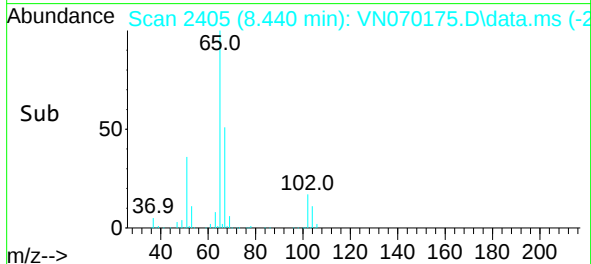
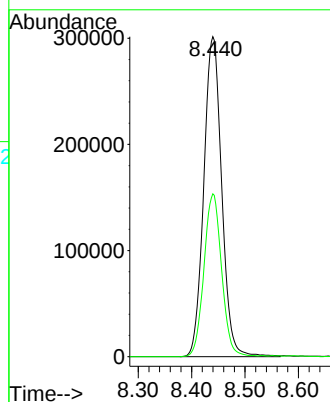
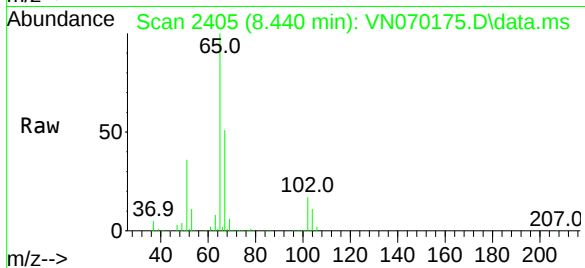
MW-31

Tgt Ion: 65 Resp: 703329

Ion Ratio Lower Upper

65 100

67 50.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070175.D

Acq: 17 Dec 2021 20:00

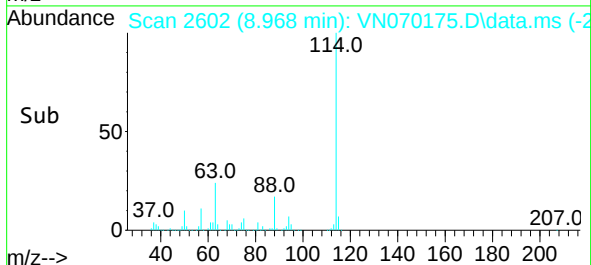
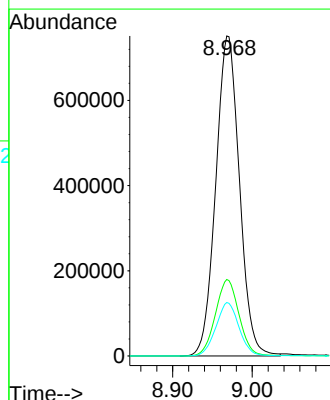
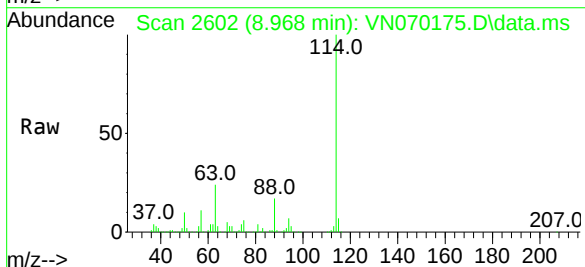
Tgt Ion: 114 Resp: 1551443

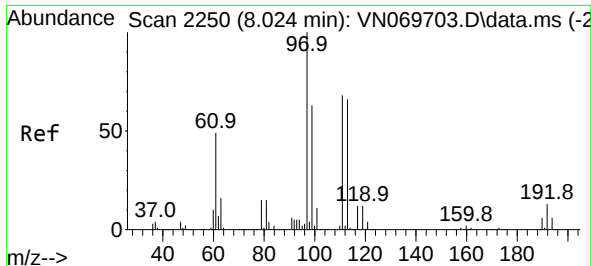
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

88 16.7 0.0 27.4

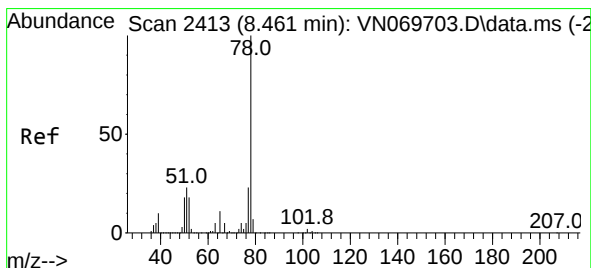
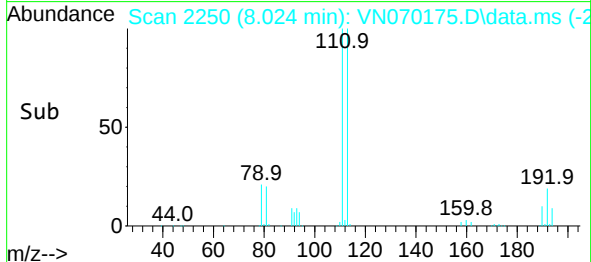
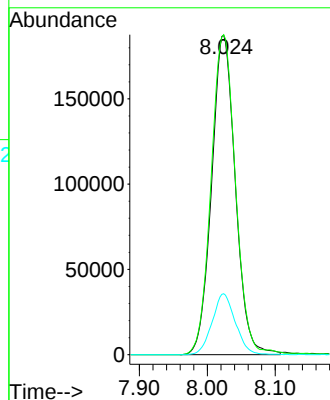
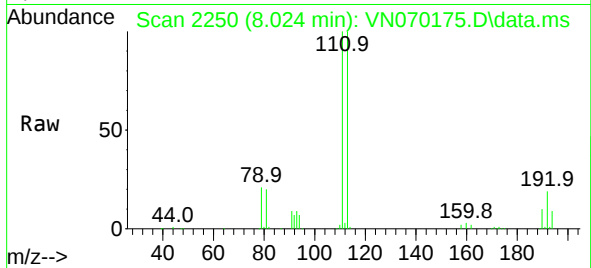




#35
Dibromofluoromethane
Concen: 46.778 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070175.D
Acq: 17 Dec 2021 20:00

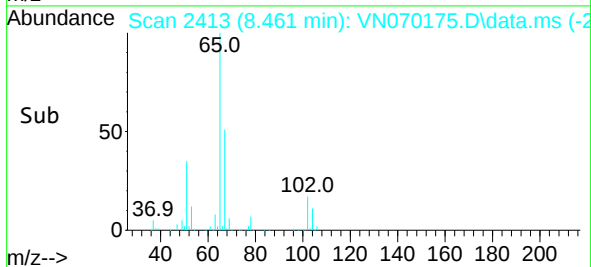
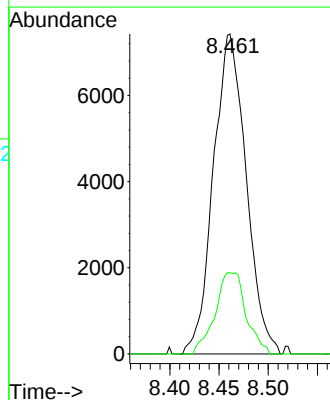
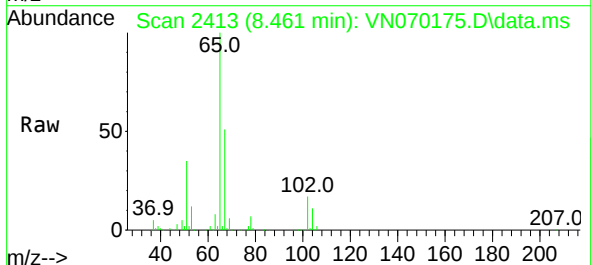
Instrument :
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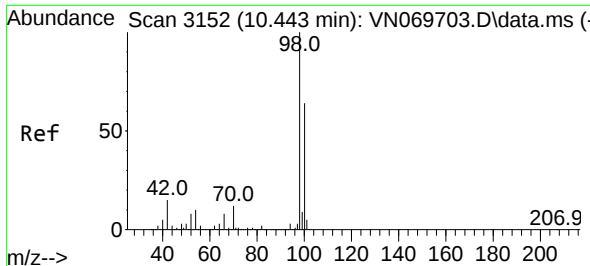
Tgt Ion:113 Resp: 454586
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.7 16.9 25.3



#40
Benzene
Concen: 0.382 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070175.D
Acq: 17 Dec 2021 20:00

Tgt Ion: 78 Resp: 17247
Ion Ratio Lower Upper
78 100
77 25.4 18.6 27.8

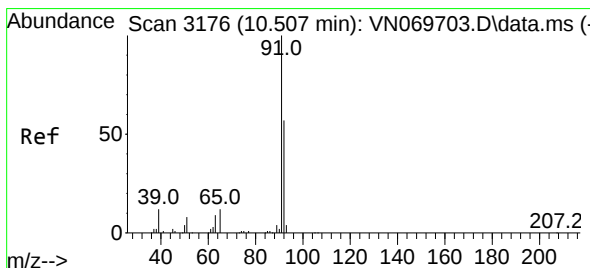
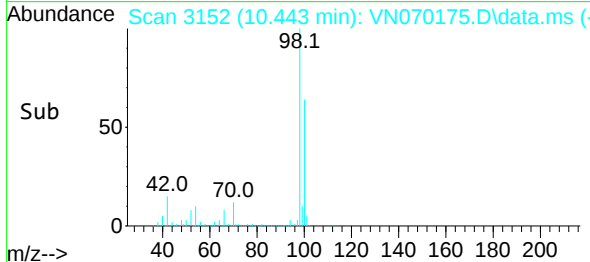
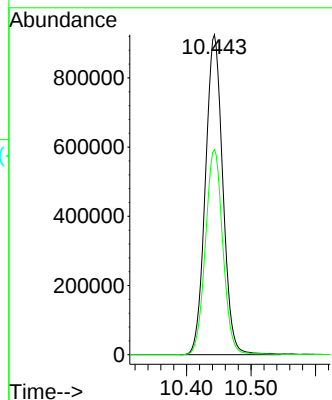
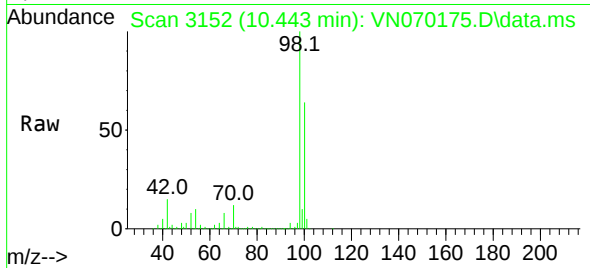




#50
Toluene-d8
Concen: 44.398 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070175.D
Acq: 17 Dec 2021 20:00

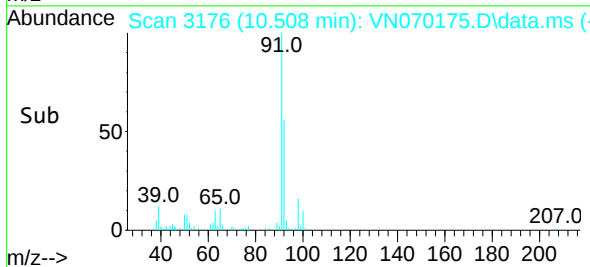
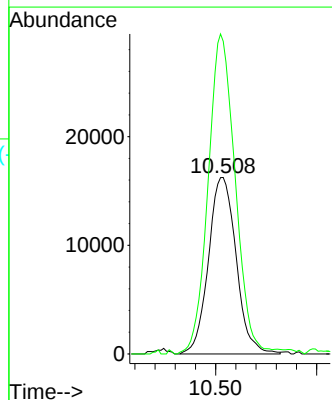
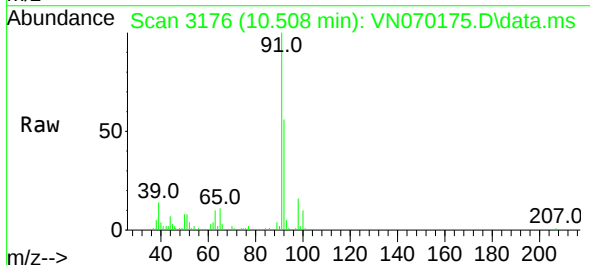
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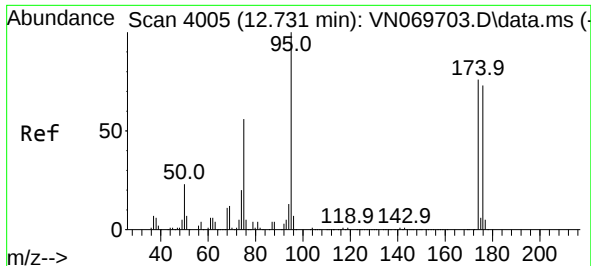
Tgt Ion: 98 Resp: 1732450
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#52
Toluene
Concen: 1.122 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN070175.D
Acq: 17 Dec 2021 20:00

Tgt Ion: 92 Resp: 30913
Ion Ratio Lower Upper
92 100
91 176.9 142.0 213.0

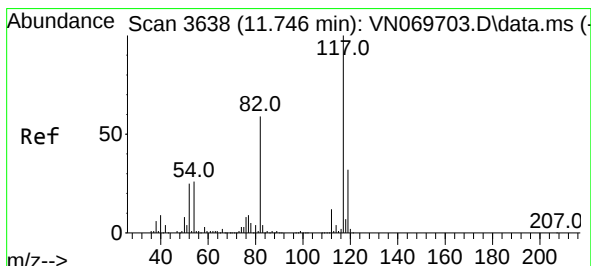
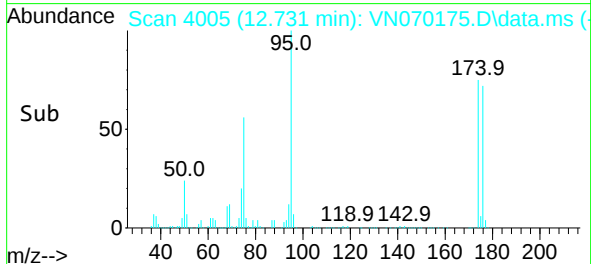
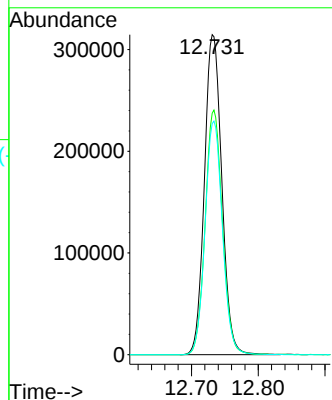
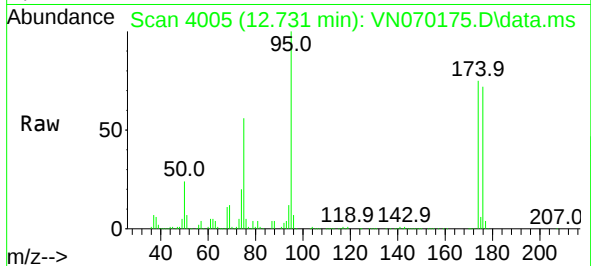




#62
4-Bromofluorobenzene
Concen: 40.275 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070175.D
Acq: 17 Dec 2021 20:00

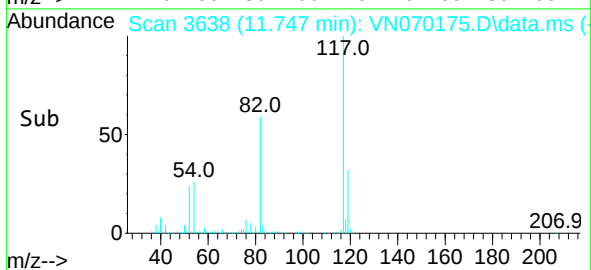
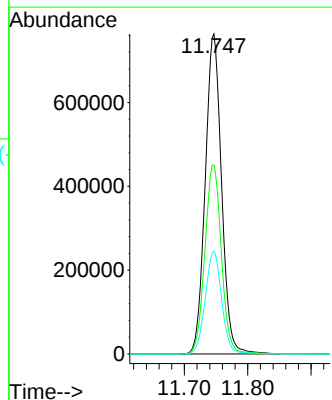
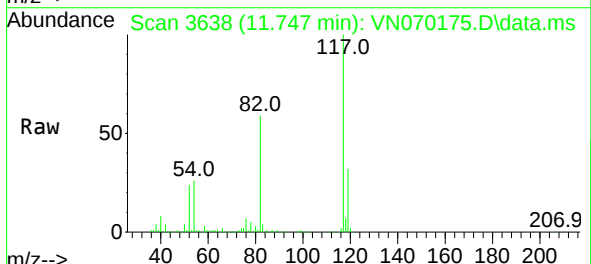
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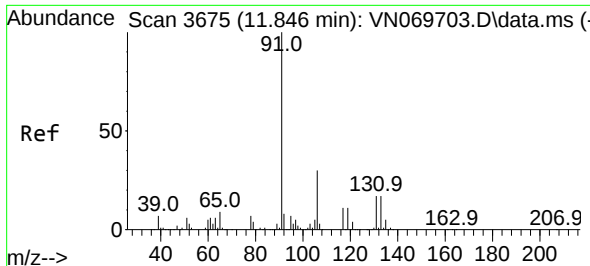
Tgt Ion: 95 Resp: 569345
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 72.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070175.D
Acq: 17 Dec 2021 20:00

Tgt Ion: 117 Resp: 1366929
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 32.1 25.4 38.2

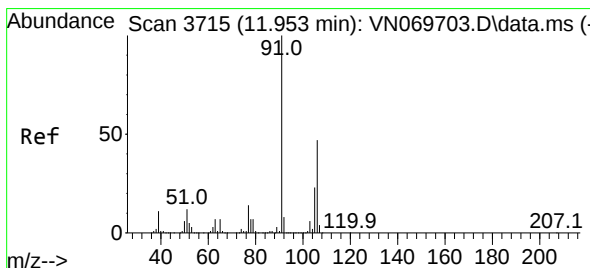
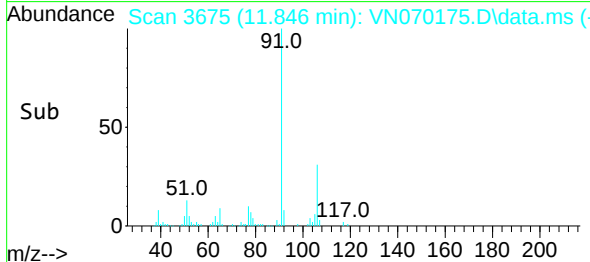
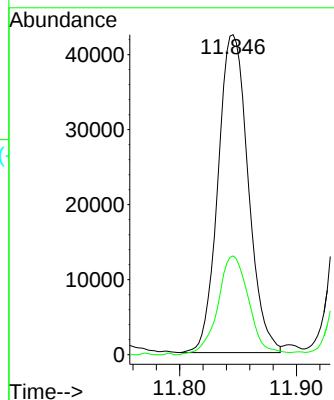
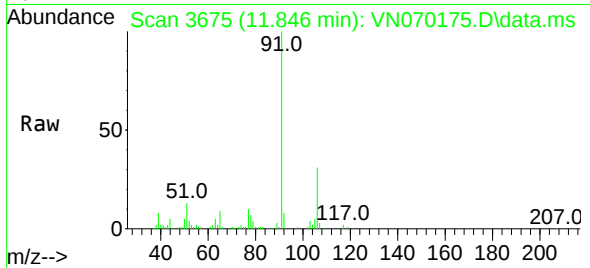




#67
Ethyl Benzene
Concen: 1.511 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070175.D
Acq: 17 Dec 2021 20:00

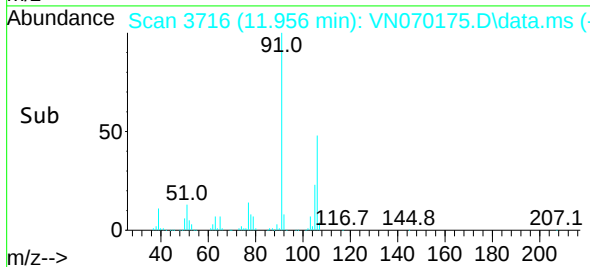
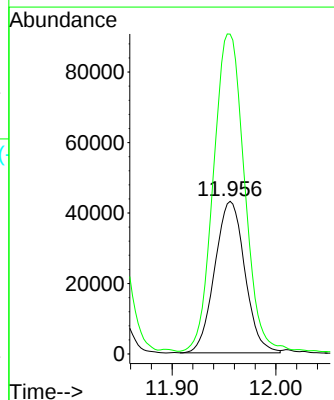
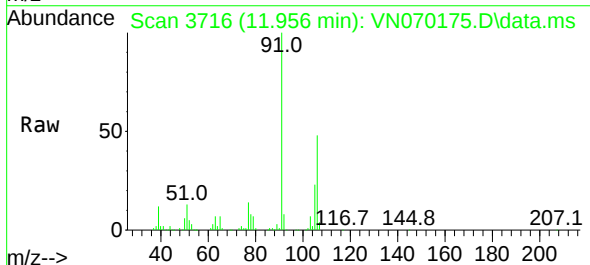
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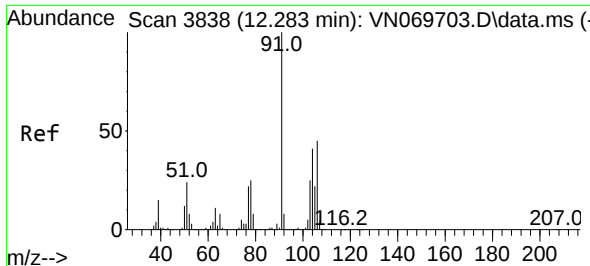
Tgt Ion: 91 Resp: 76135
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5



#68
m/p-Xylenes
Concen: 4.727 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN070175.D
Acq: 17 Dec 2021 20:00

Tgt Ion: 106 Resp: 86701
Ion Ratio Lower Upper
106 100
91 216.3 160.6 240.8

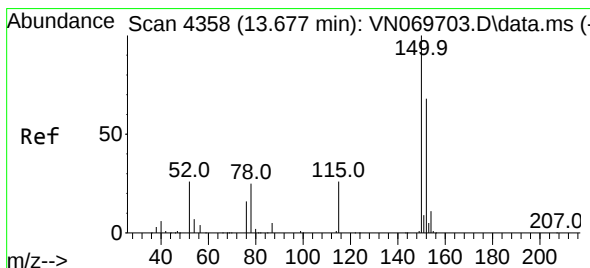
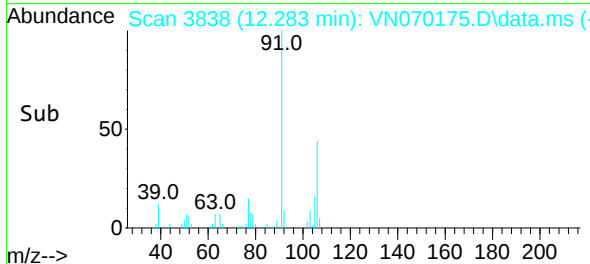
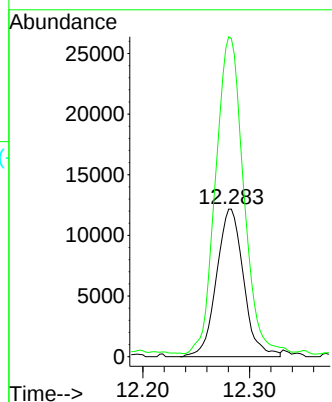
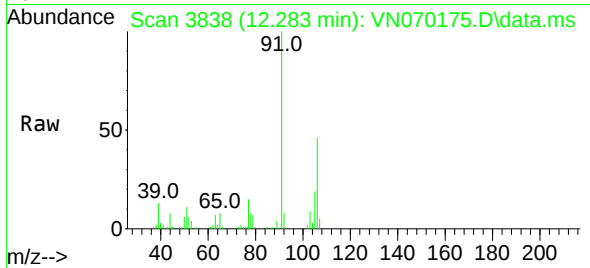




#69
o-Xylene
Concen: 1.159 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN070175.D
Acq: 17 Dec 2021 20:00

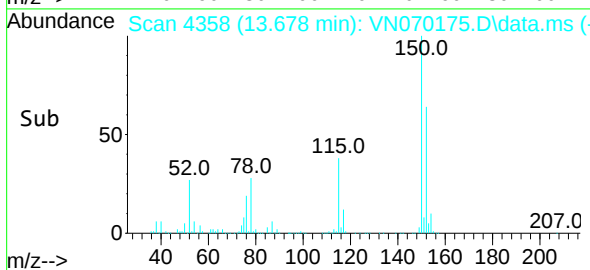
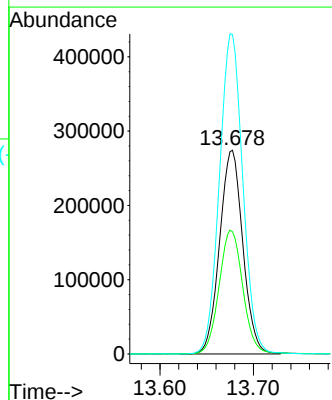
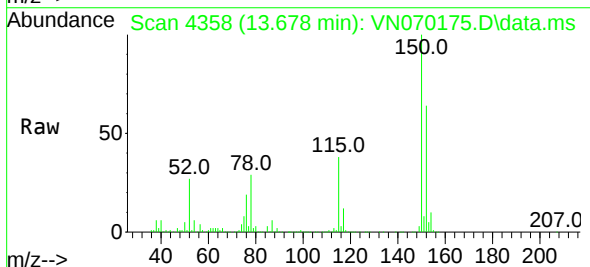
Instrument :
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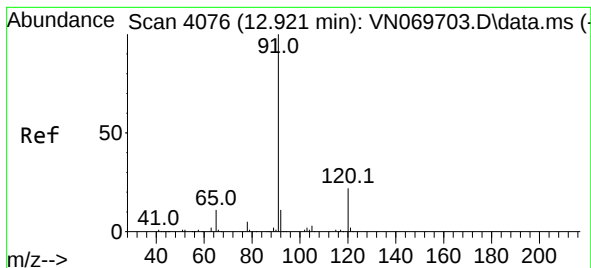
Tgt Ion:106 Resp: 21416
Ion Ratio Lower Upper
106 100
91 221.2 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN070175.D
Acq: 17 Dec 2021 20:00

Tgt Ion:152 Resp: 474705
Ion Ratio Lower Upper
152 100
115 61.9 27.5 82.5
150 158.1 0.0 344.4





#78

n-propylbenzene

Concen: 0.639 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.000 min

Lab File: VN070175.D

Acq: 17 Dec 2021 20:00

Instrument :

MSVOA_N

ClientSampleId :

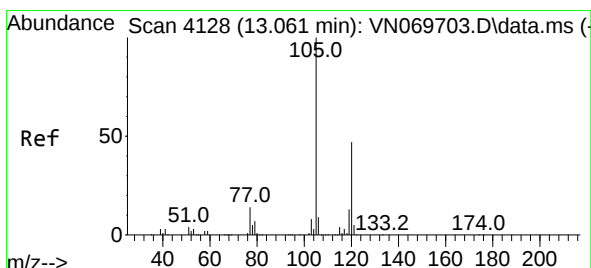
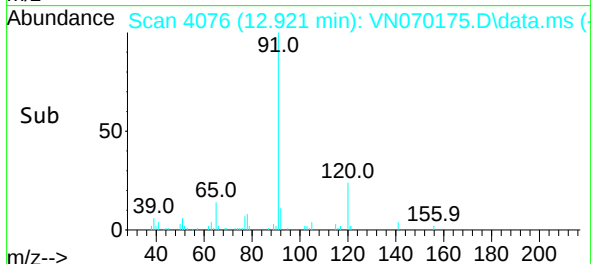
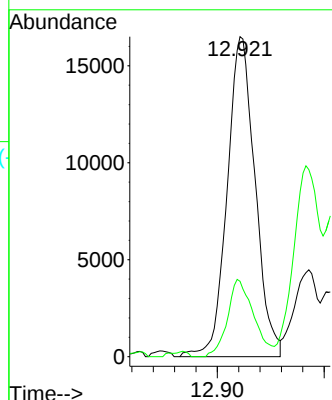
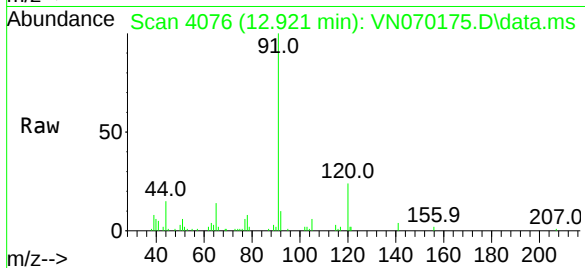
MW-31

Tgt Ion: 91 Resp: 30025

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.9



#80

1,3,5-Trimethylbenzene

Concen: 0.915 ug/l

RT: 13.061 min Scan# 4128

Delta R.T. 0.000 min

Lab File: VN070175.D

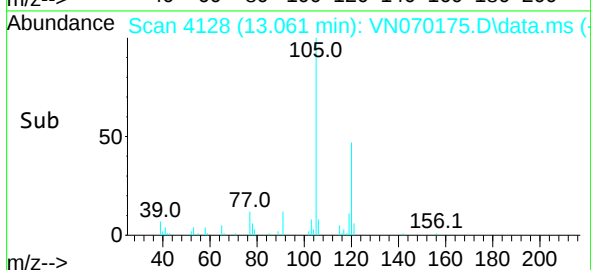
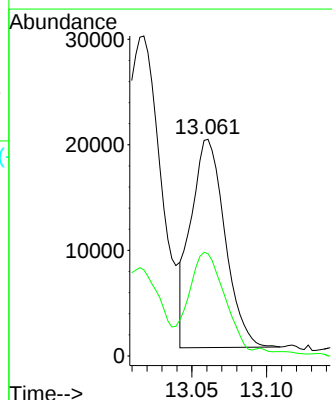
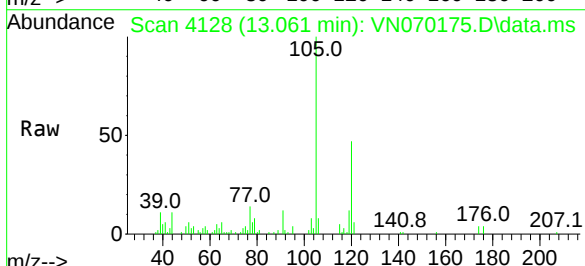
Acq: 17 Dec 2021 20:00

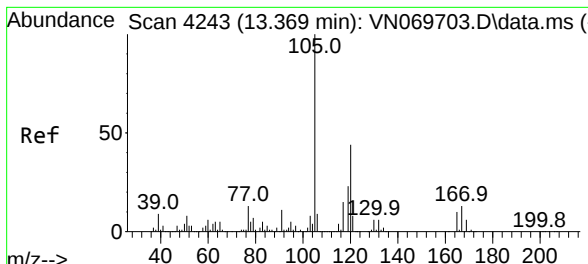
Tgt Ion: 105 Resp: 31109

Ion Ratio Lower Upper

105 100

120 47.7 24.6 73.6





#84
 1,2,4-Trimethylbenzene
 Concen: 4.470 ug/l
 RT: 13.369 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070175.D
 Acq: 17 Dec 2021 20:00

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-31

Tgt Ion:105 Resp: 144727
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.8 68.4

