

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070486.D
 Acq On : 5 Jan 2022 13:49
 Operator : JC/MD
 Sample : M5257-01
 Misc : 4.99g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 D3-12292021

Quant Time: Jan 06 12:34:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

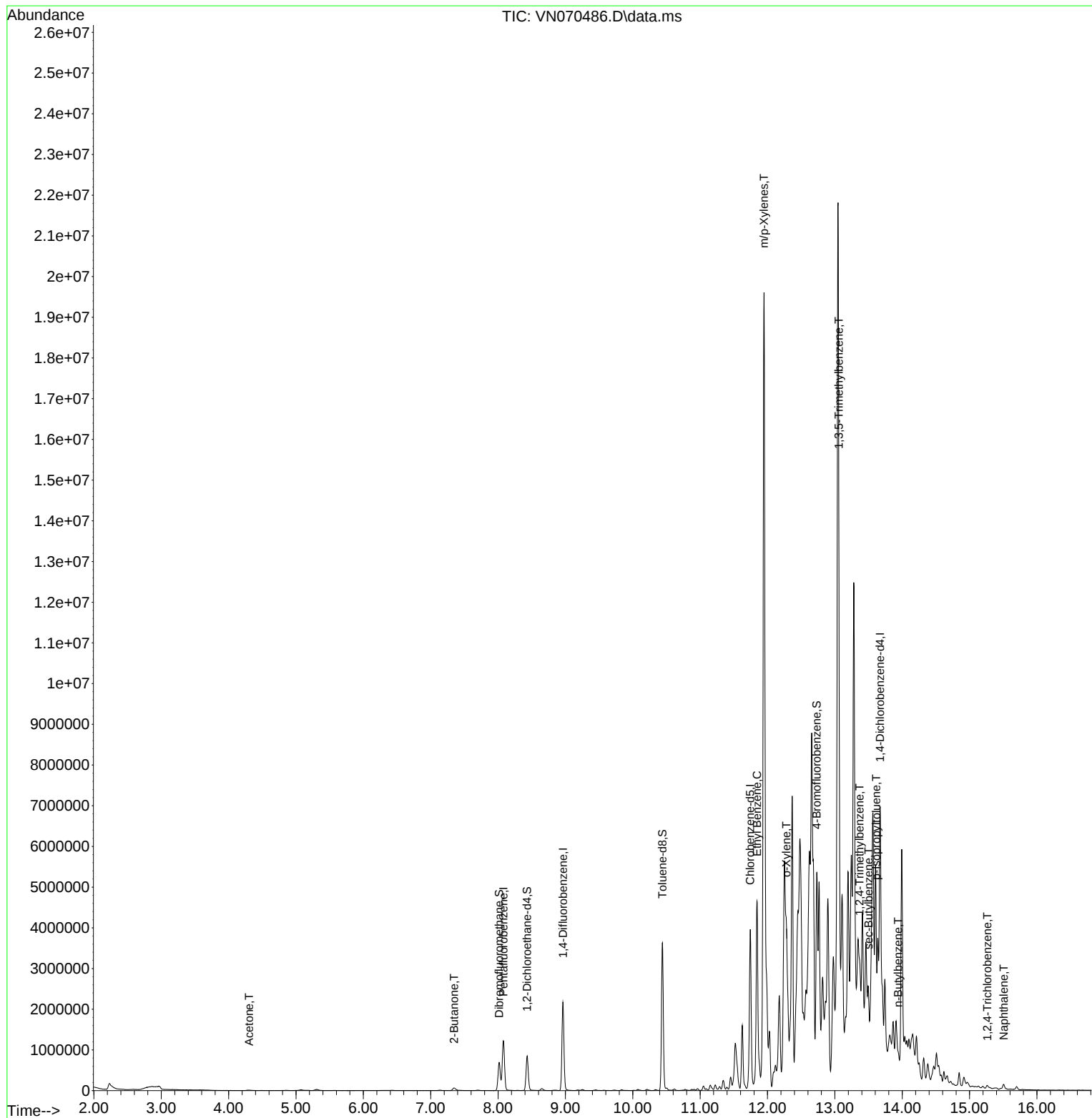
Internal Standards						
1) Pentafluorobenzene	8.078	168	975723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1894236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2235258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	1138873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	704983	50.252	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.500%			
35) Dibromofluoromethane	8.016	113	519033	45.287	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 90.580%			
50) Toluene-d8	10.440	98	2546065	54.380	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.760%			
62) 4-Bromofluorobenzene	12.731	95	1237108	73.157	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 146.320%#			
Target Compounds						
					Qvalue	
16) Acetone	4.301	43	16130	1.771	ug/l	94
25) 2-Butanone	7.348	43	136387	11.894	ug/l	92
67) Ethyl Benzene	11.843	91	3435388	39.534	ug/l	97
68) m/p-Xylenes	11.948	106	4944147	156.306	ug/l	95
69) o-Xylene	12.280	106	680590	21.632	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	528929	6.241	ug/l	97
84) 1,2,4-Trimethylbenzene	13.366	105	839499	10.287	ug/l	99
85) sec-Butylbenzene	13.501	105	122060	1.205	ug/l #	74
86) p-Isopropyltoluene	13.613	119	166978	2.098	ug/l	97
89) n-Butylbenzene	13.940	91	117770	1.774	ug/l #	69
93) 1,2,4-Trichlorobenzene	15.265	180	20679	1.101	ug/l #	83
95) Naphthalene	15.507	128	117722	3.984	ug/l	99

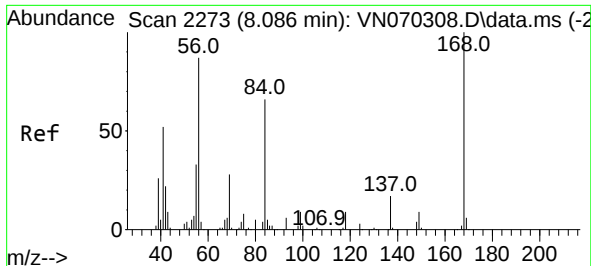
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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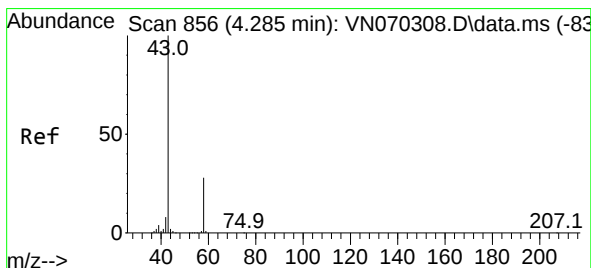
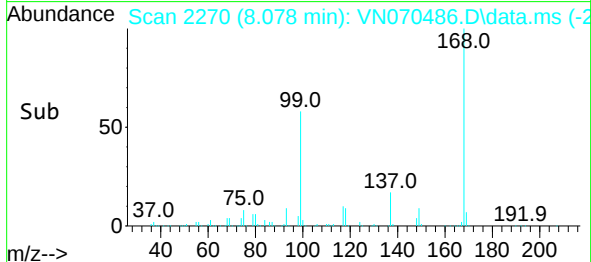
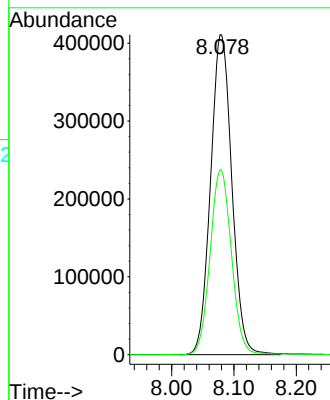
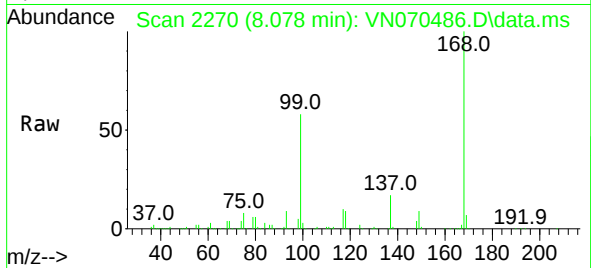




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070486.D
Acq: 5 Jan 2022 13:49

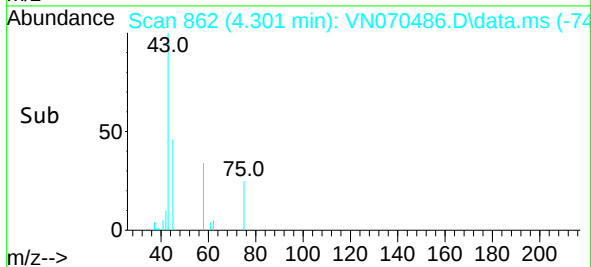
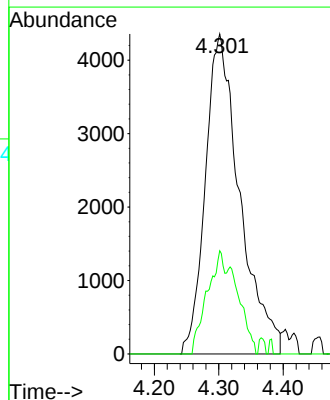
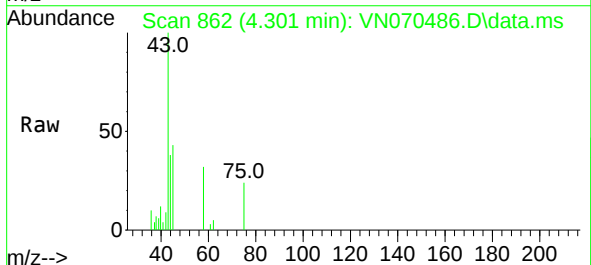
Instrument :
MSVOA_N
ClientSampleId :
D3-12292021

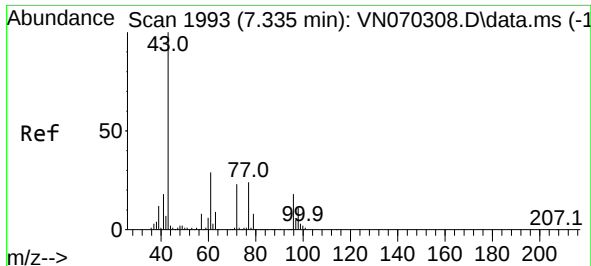
Tgt Ion:168 Resp: 975723
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9



#16
Acetone
Concen: 1.771 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN070486.D
Acq: 5 Jan 2022 13:49

Tgt Ion: 43 Resp: 16130
Ion Ratio Lower Upper
43 100
58 32.3 23.1 34.7

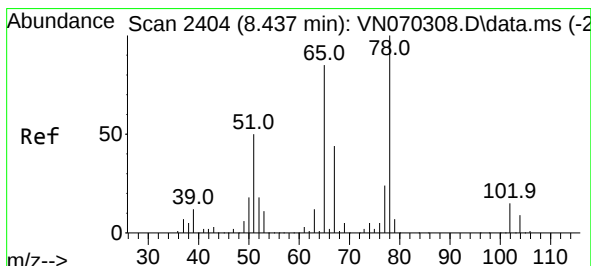
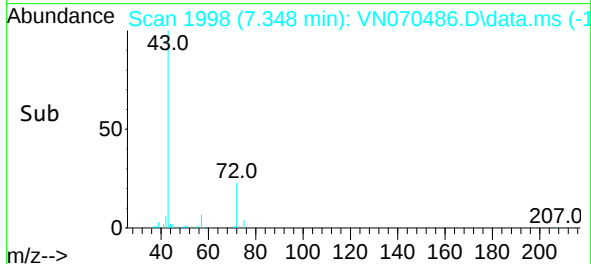
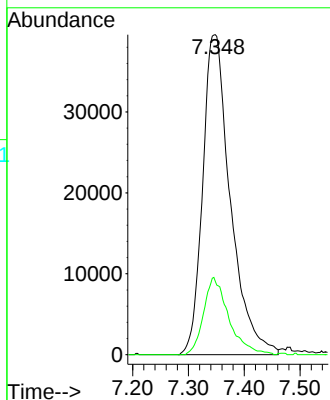
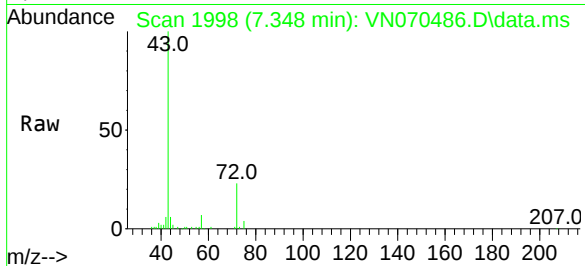




#25
2-Butanone
Concen: 11.894 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.013 min
Lab File: VN070486.D
Acq: 5 Jan 2022 13:49

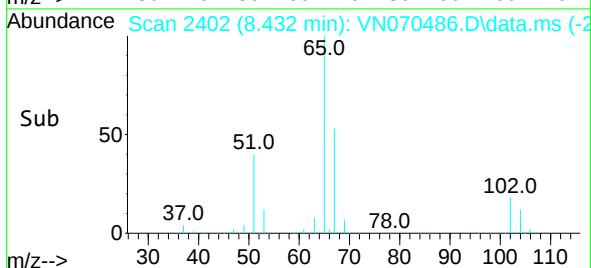
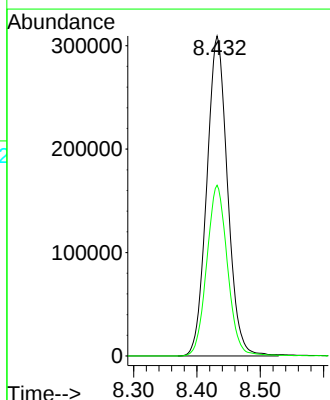
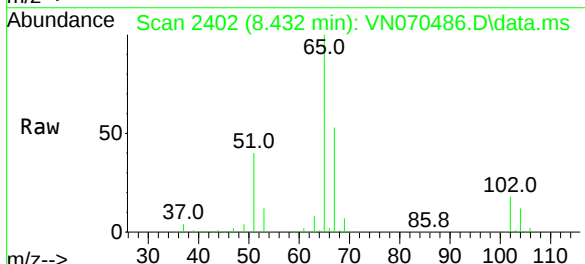
Instrument :
MSVOA_N
ClientSampleId :
D3-12292021

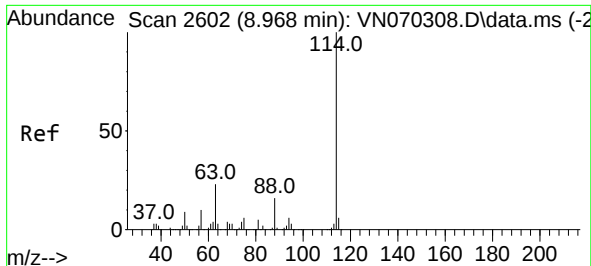
Tgt Ion: 43 Resp: 136387
Ion Ratio Lower Upper
43 100
72 22.9 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 50.252 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070486.D
Acq: 5 Jan 2022 13:49

Tgt Ion: 65 Resp: 704983
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.0

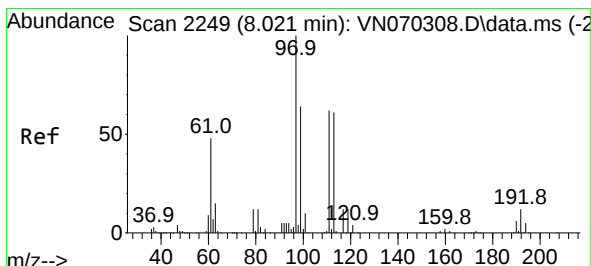
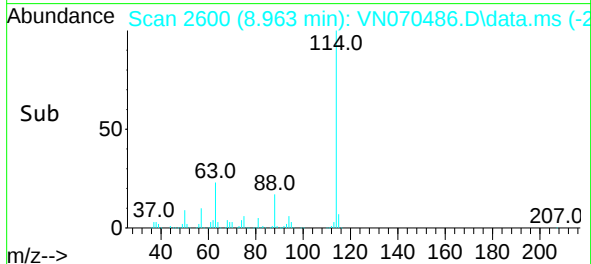
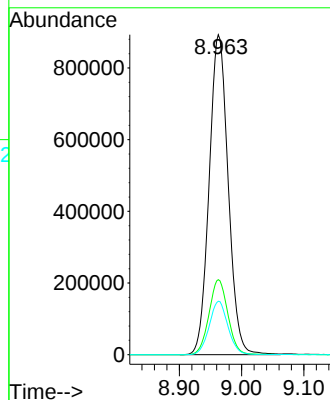
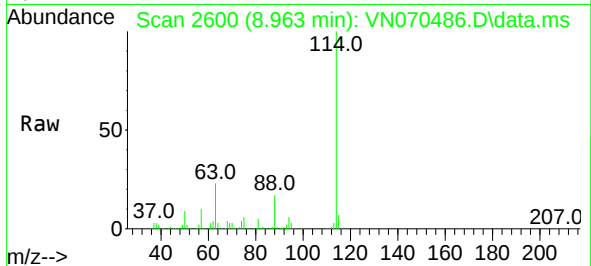




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070486.D
Acq: 5 Jan 2022 13:49

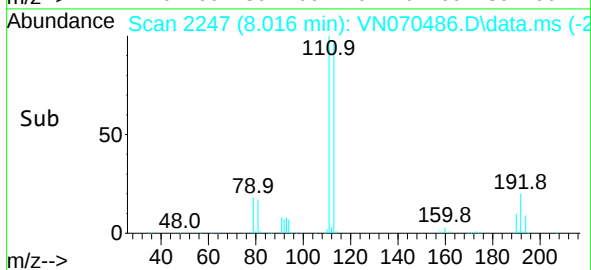
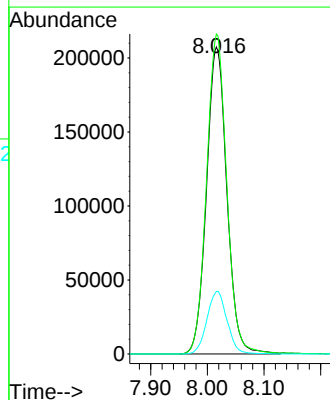
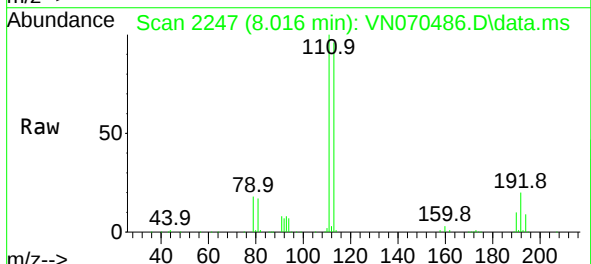
Instrument :
MSVOA_N
ClientSampleId :
D3-12292021

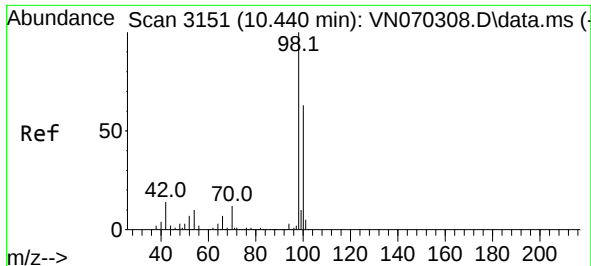
Tgt Ion:114 Resp: 1894236
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.287 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.005 min
Lab File: VN070486.D
Acq: 5 Jan 2022 13:49

Tgt Ion:113 Resp: 519033
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 20.1 16.9 25.3

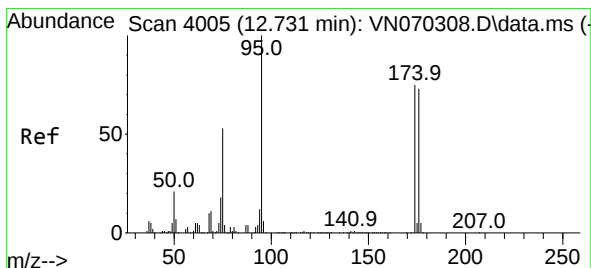
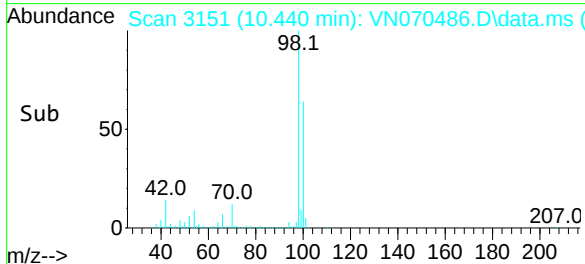
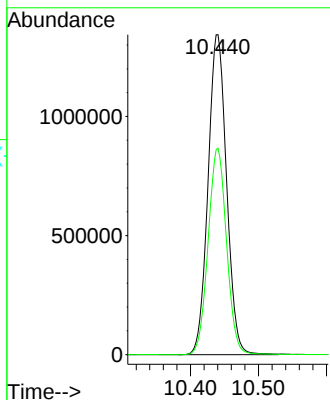
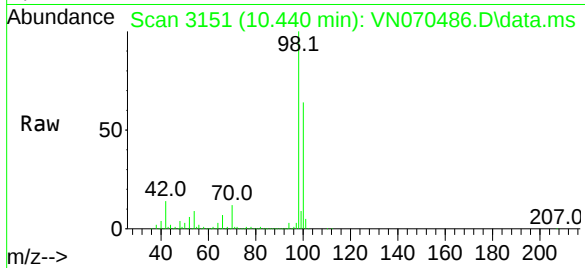




#50
Toluene-d8
Concen: 54.380 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070486.D
Acq: 5 Jan 2022 13:49

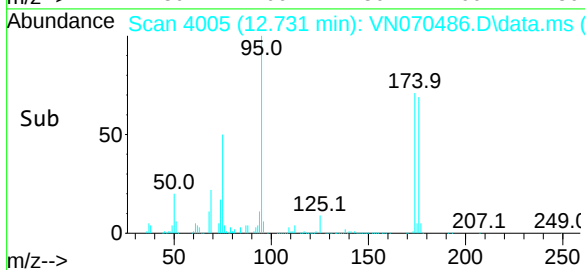
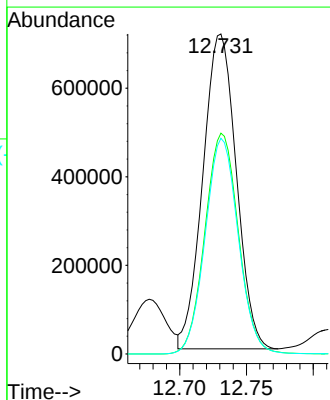
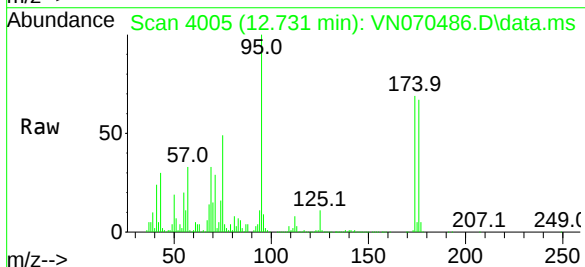
Instrument :
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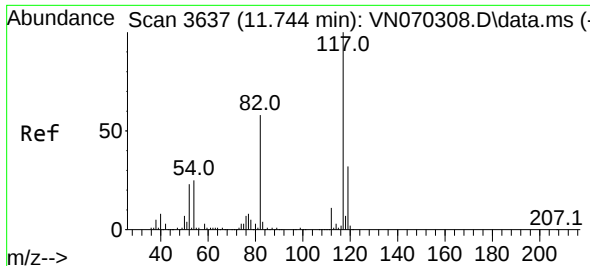
Tgt Ion: 98 Resp: 2546065
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 73.157 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070486.D
Acq: 5 Jan 2022 13:49

Tgt Ion: 95 Resp: 1237108
Ion Ratio Lower Upper
95 100
174 70.4 0.0 187.2
176 68.0 0.0 181.4

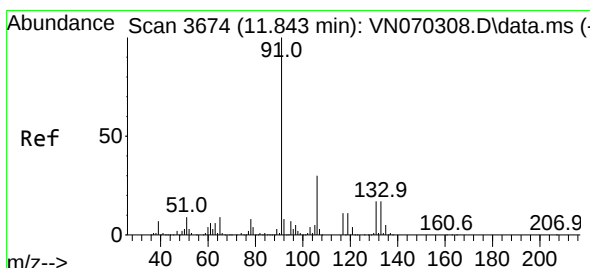
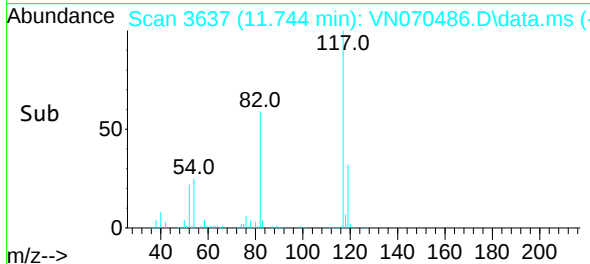
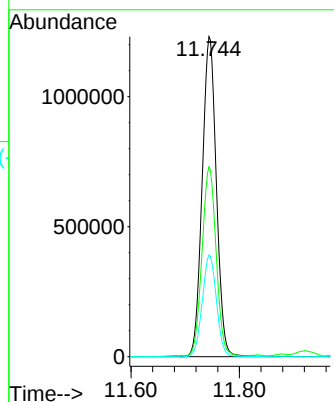
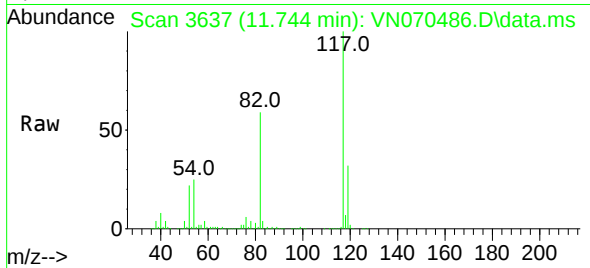




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070486.D
Acq: 5 Jan 2022 13:49

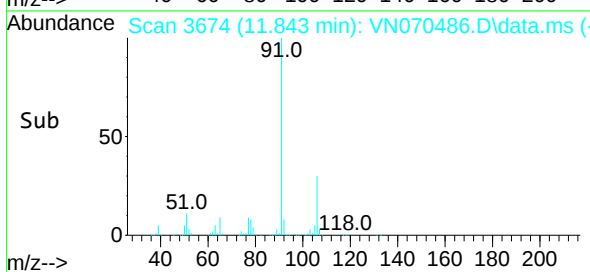
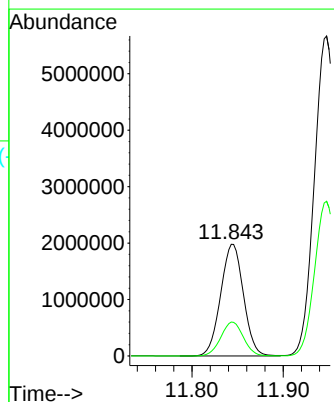
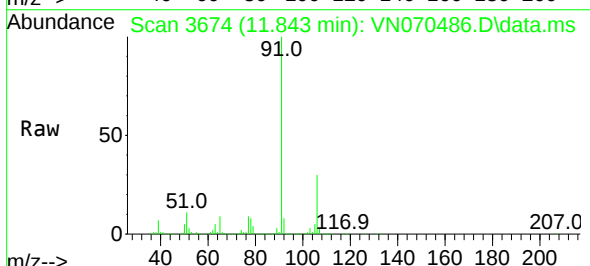
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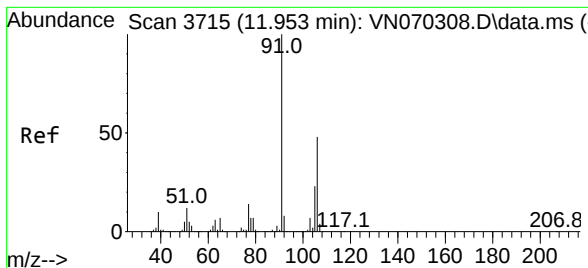
Tgt Ion:117 Resp: 2235258
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 31.8 25.4 38.2



#67
Ethyl Benzene
Concen: 39.534 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070486.D
Acq: 5 Jan 2022 13:49

Tgt Ion: 91 Resp: 3435388
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5

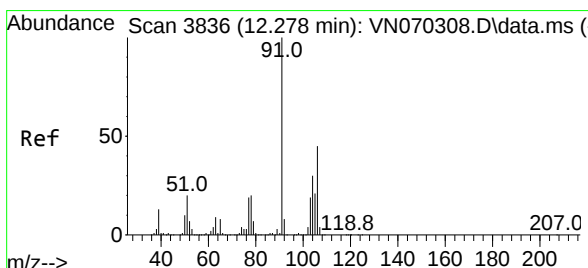
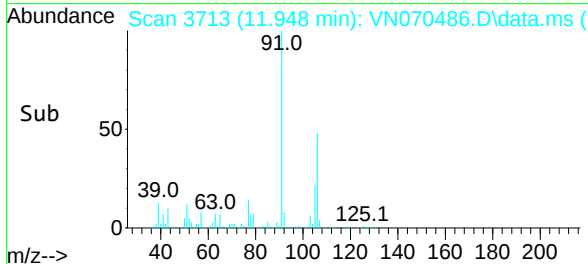
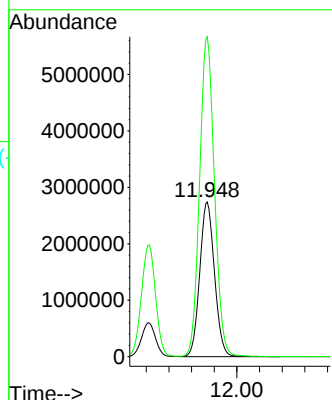
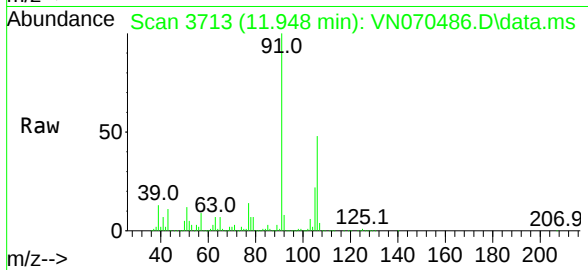




#68
m/p-Xylenes
Concen: 156.306 ug/l
RT: 11.948 min Scan# 31
Delta R.T. -0.005 min
Lab File: VN070486.D
Acq: 5 Jan 2022 13:49

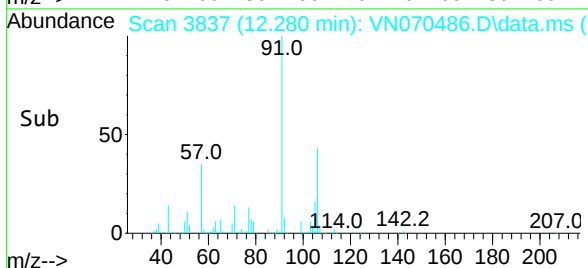
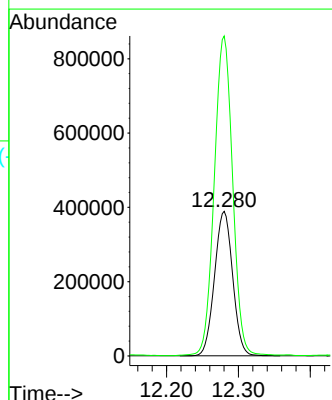
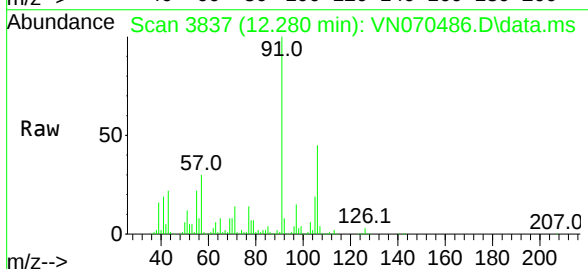
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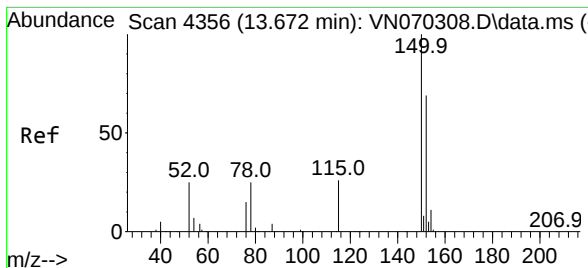
Tgt Ion:106 Resp: 4944147
Ion Ratio Lower Upper
106 100
91 208.6 160.6 240.8



#69
o-Xylene
Concen: 21.632 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070486.D
Acq: 5 Jan 2022 13:49

Tgt Ion:106 Resp: 680590
Ion Ratio Lower Upper
106 100
91 224.1 105.8 317.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.672 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN070486.D

Acq: 5 Jan 2022 13:49

Instrument :

MSVOA_N

ClientSampleId :

D3-12292021

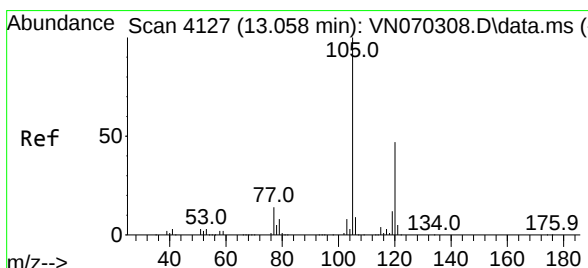
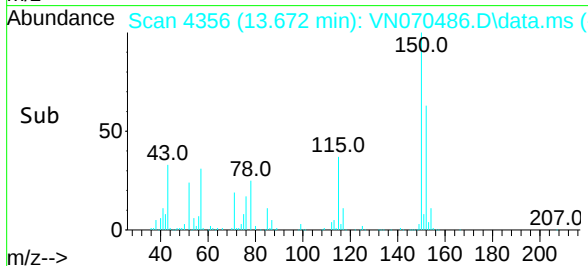
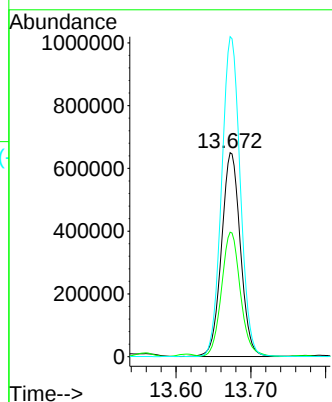
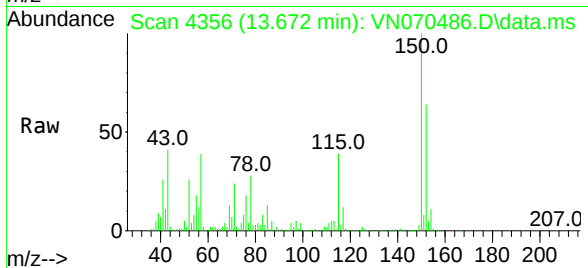
Tgt Ion:152 Resp: 1138873

Ion Ratio Lower Upper

152 100

115 60.8 27.5 82.5

150 154.1 0.0 344.4



#80

1,3,5-Trimethylbenzene

Concen: 6.241 ug/l

RT: 13.058 min Scan# 4127

Delta R.T. -0.000 min

Lab File: VN070486.D

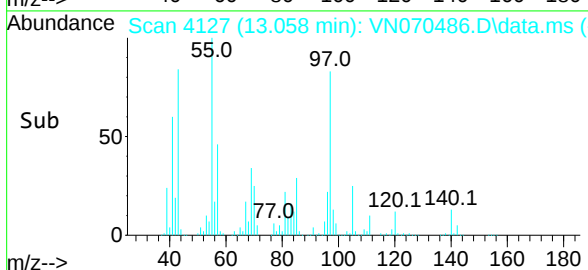
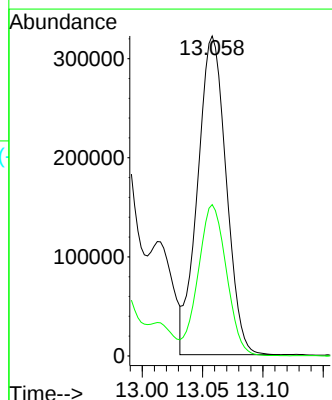
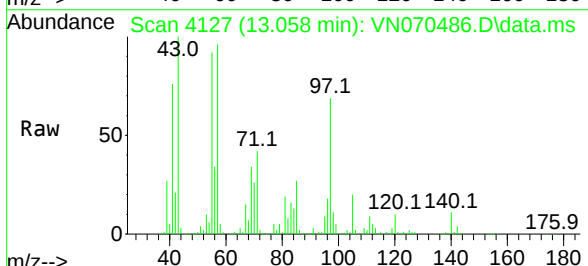
Acq: 5 Jan 2022 13:49

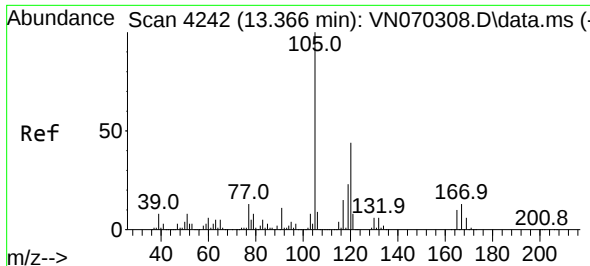
Tgt Ion:105 Resp: 528929

Ion Ratio Lower Upper

105 100

120 47.2 24.6 73.6

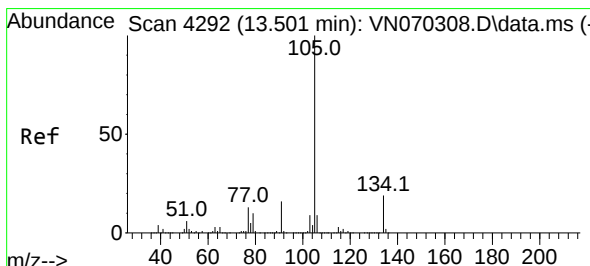
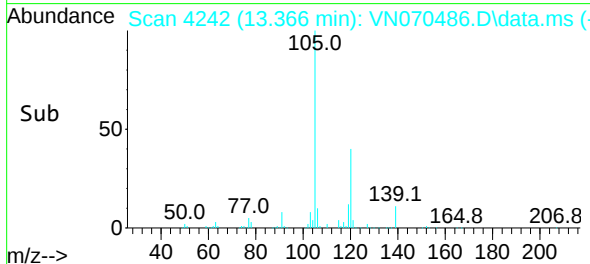
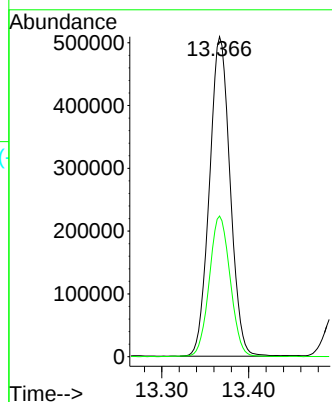
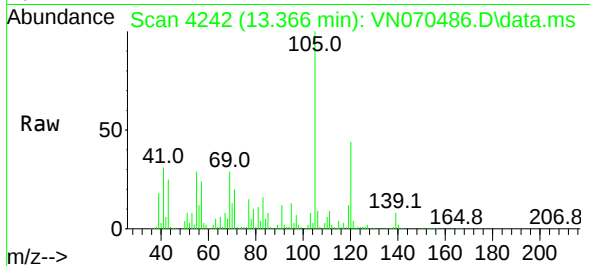




#84
1,2,4-Trimethylbenzene
Concen: 10.287 ug/l
RT: 13.366 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070486.D
Acq: 5 Jan 2022 13:49

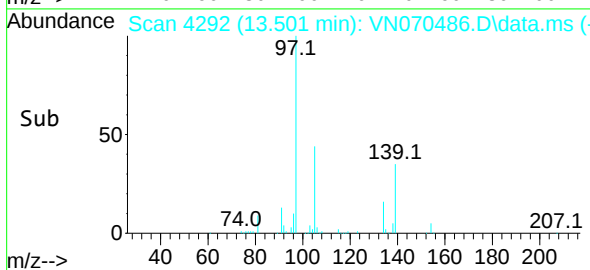
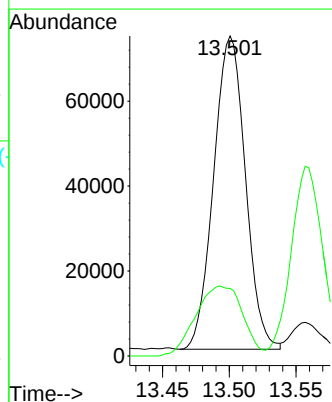
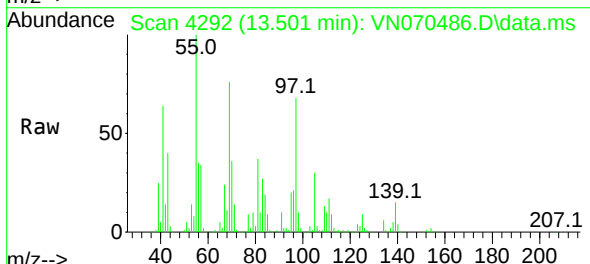
Instrument :
MSVOA_N
ClientSampleId :
D3-12292021

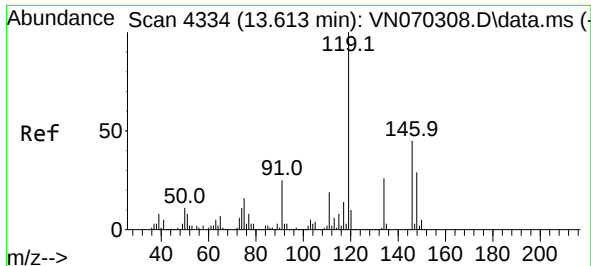
Tgt Ion:105 Resp: 839499
Ion Ratio Lower Upper
105 100
120 44.7 22.8 68.4



#85
sec-Butylbenzene
Concen: 1.205 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.000 min
Lab File: VN070486.D
Acq: 5 Jan 2022 13:49

Tgt Ion:105 Resp: 122060
Ion Ratio Lower Upper
105 100
134 32.9 10.4 31.1#

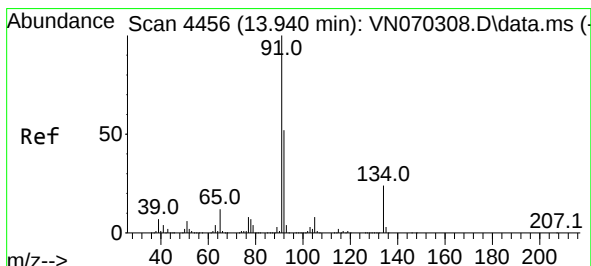
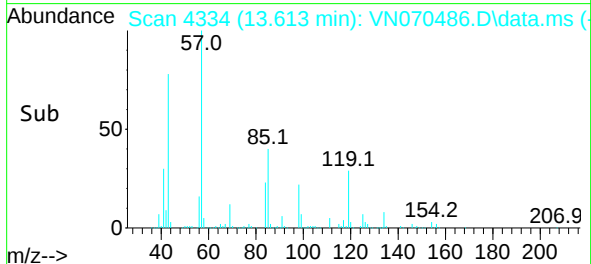
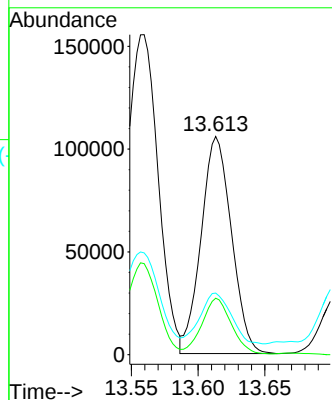
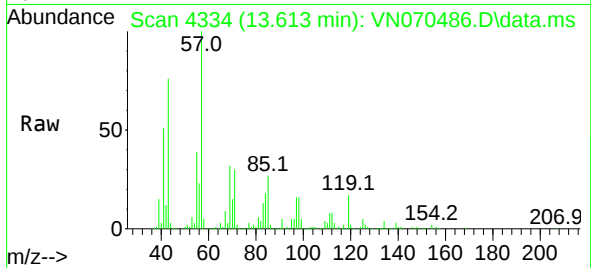




#86
p-Isopropyltoluene
Concen: 2.098 ug/l
RT: 13.613 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070486.D
Acq: 5 Jan 2022 13:49

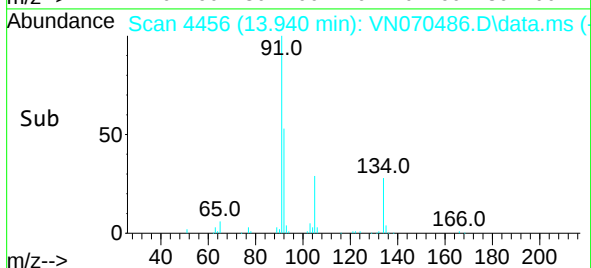
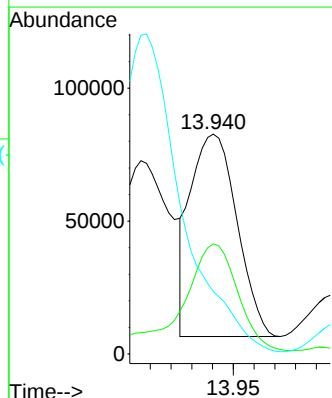
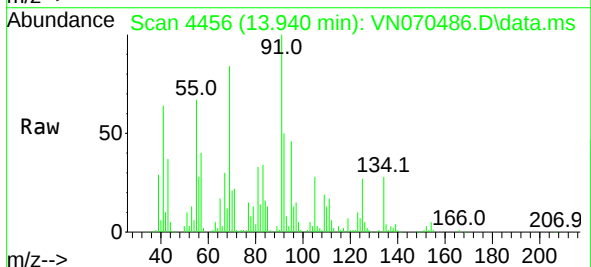
Instrument :
MSVOA_N
ClientSampleId :
D3-12292021

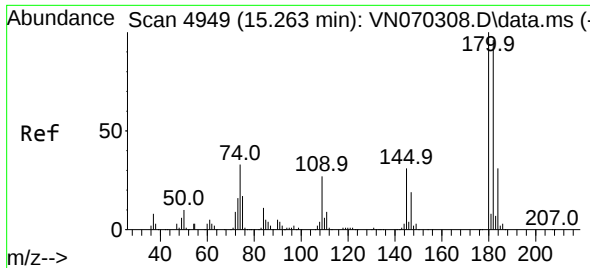
Tgt Ion:119 Resp: 166978
Ion Ratio Lower Upper
119 100
134 24.9 13.6 40.7
91 23.8 11.4 34.1



#89
n-Butylbenzene
Concen: 1.774 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070486.D
Acq: 5 Jan 2022 13:49

Tgt Ion: 91 Resp: 117770
Ion Ratio Lower Upper
91 100
92 64.0 25.4 76.0
134 0.0 13.6 40.8#

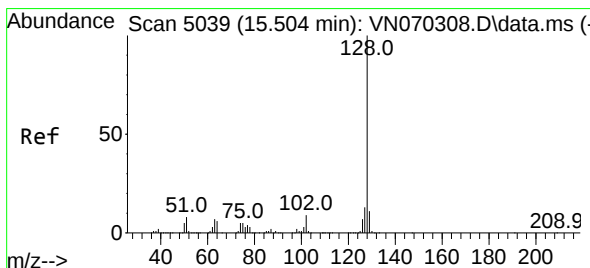
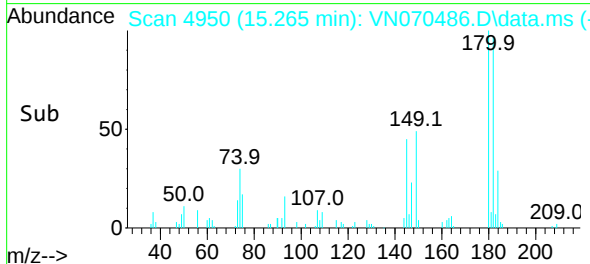
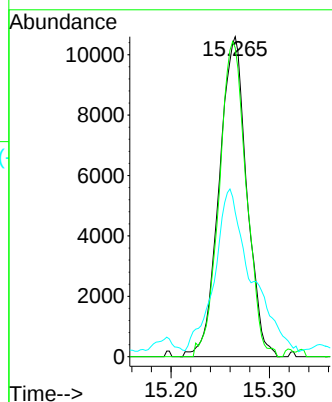
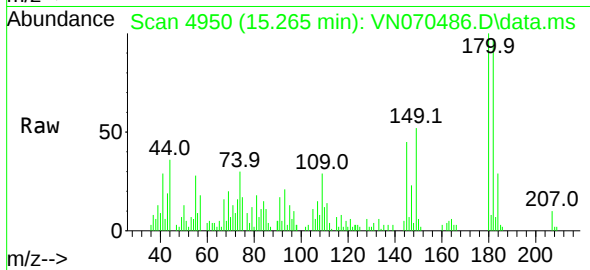




#93
 1,2,4-Trichlorobenzene
 Concen: 1.101 ug/l
 RT: 15.265 min Scan# 4949
 Delta R.T. 0.002 min
 Lab File: VN070486.D
 Acq: 5 Jan 2022 13:49

Instrument :
 MSVOA_N
 ClientSampleId :
 D3-12292021

Tgt Ion:180 Resp: 20679
 Ion Ratio Lower Upper
 180 100
 182 96.6 48.3 144.9
 145 68.1 14.5 43.5#



#95
 Naphthalene
 Concen: 3.984 ug/l
 RT: 15.507 min Scan# 5040
 Delta R.T. 0.003 min
 Lab File: VN070486.D
 Acq: 5 Jan 2022 13:49

Tgt Ion:128 Resp: 117722
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.5 15.7
 129 11.7 8.7 13.1

