

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070121.D
 Acq On : 15 Dec 2021 19:17
 Operator : JC/MD
 Sample : M4970-13RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-2RE

Quant Time: Dec 16 05:41:20 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)

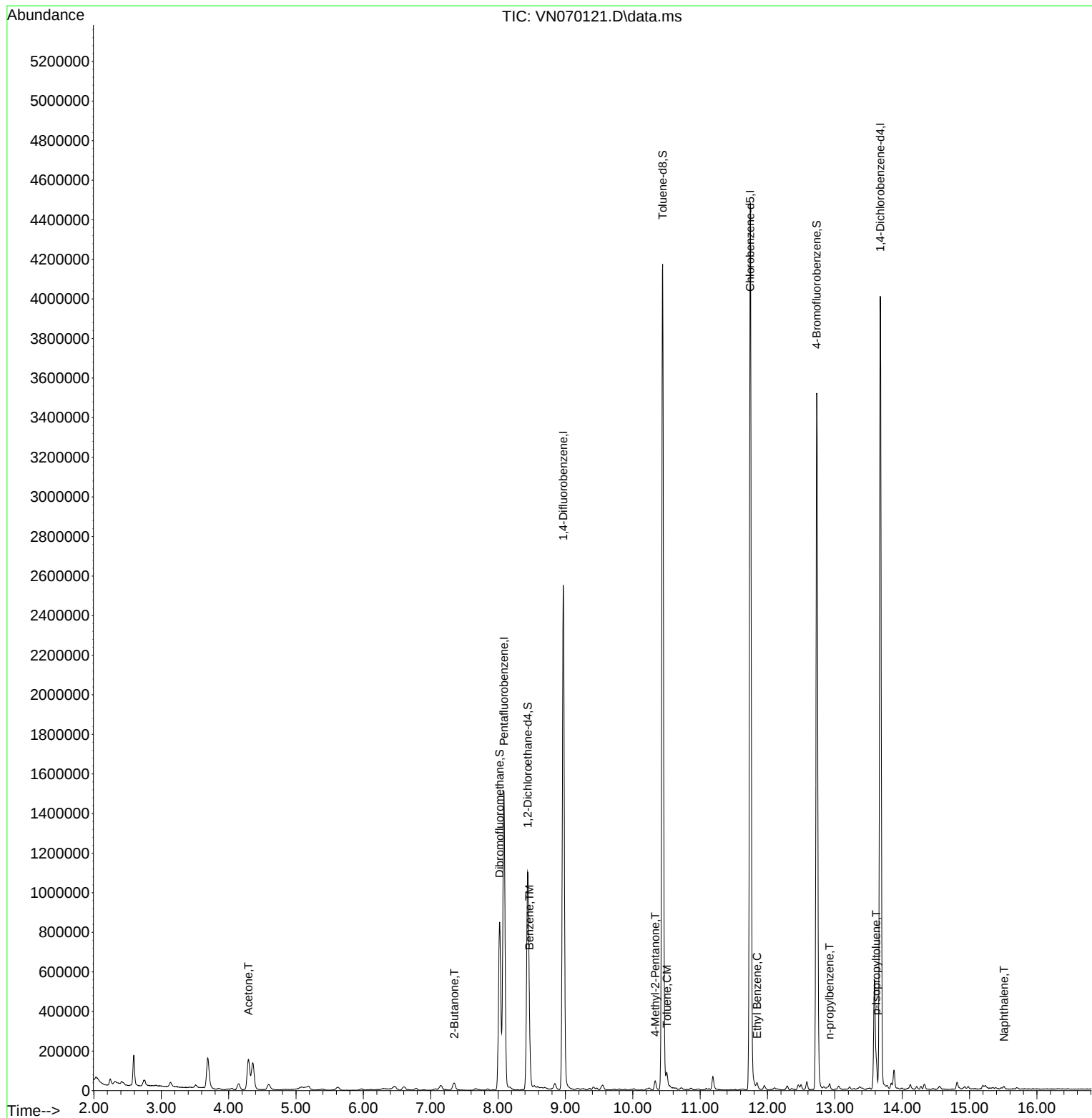
Internal Standards						
1) Pentafluorobenzene	8.086	168	1110460	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	2145477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2502073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1056837	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	888563	51.825	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.640%	
35) Dibromofluoromethane	8.024	113	621743	46.265	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 92.520%	
50) Toluene-d8	10.443	98	2864903	53.092	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.180%	
62) 4-Bromofluorobenzene	12.731	95	1246967	63.787	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 127.580%	
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	299653	29.054	ug/l	96
25) 2-Butanone	7.351	43	64225	4.583	ug/l	94
40) Benzene	8.464	78	198477	3.179	ug/l	99
51) 4-Methyl-2-Pentanone	10.336	43	32336	1.108	ug/l	95
52) Toluene	10.505	92	26239	0.688	ug/l	95
67) Ethyl Benzene	11.846	91	20642	0.224	ug/l	94
78) n-propylbenzene	12.921	91	27541	0.263	ug/l	89
86) p-Isopropyltoluene	13.616	119	76192	1.072	ug/l #	77
95) Naphthalene	15.509	128	12512	4.208	ug/l	99

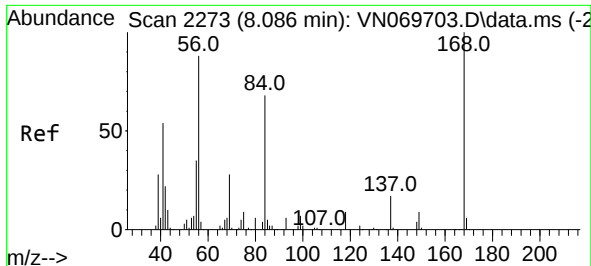
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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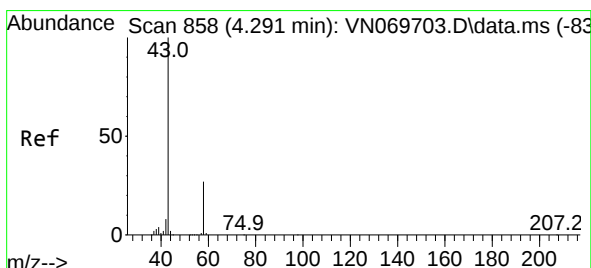
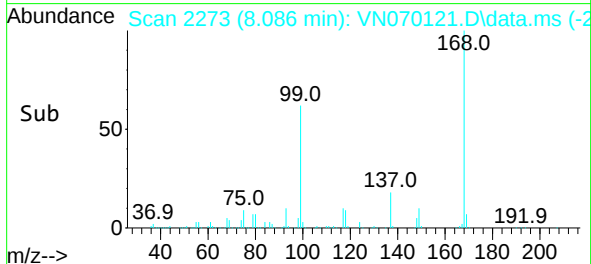
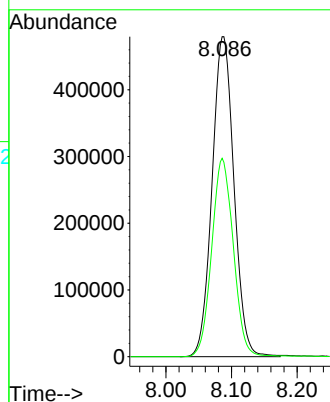
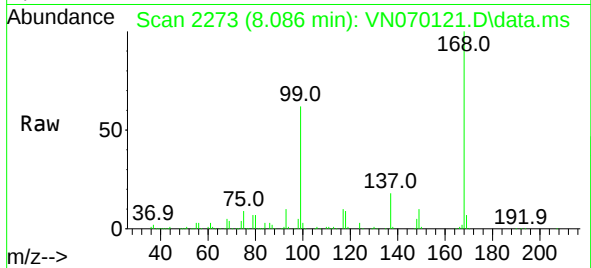




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070121.D
Acq: 15 Dec 2021 19:17

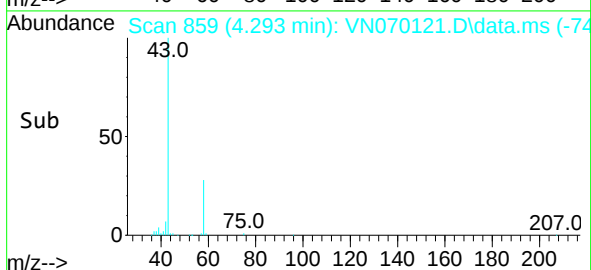
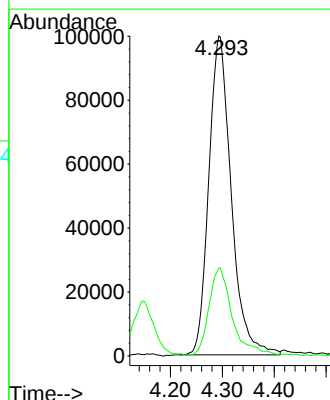
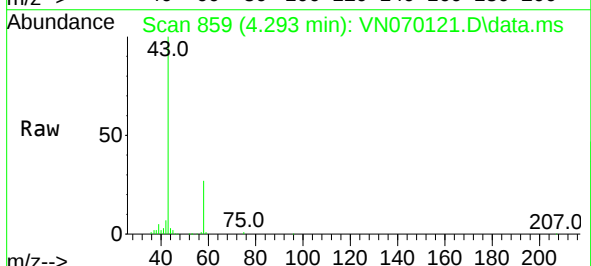
Instrument :
MSVOA_N
ClientSampleId :
SW-2RE

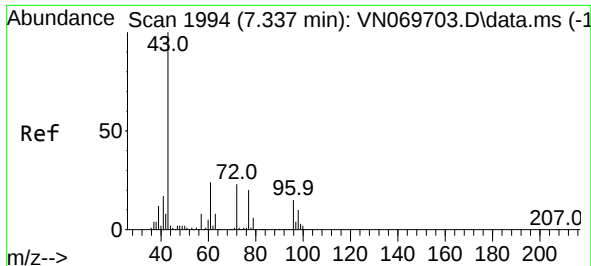
Tgt Ion:168 Resp: 1110460
Ion Ratio Lower Upper
168 100
99 62.0 41.3 61.9#



#16
Acetone
Concen: 29.054 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070121.D
Acq: 15 Dec 2021 19:17

Tgt Ion: 43 Resp: 299653
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7





#25

2-Butanone

Concen: 4.583 ug/l

RT: 7.351 min Scan# 1999

Delta R.T. 0.014 min

Lab File: VN070121.D

Acq: 15 Dec 2021 19:17

Instrument :

MSVOA_N

ClientSampleId :

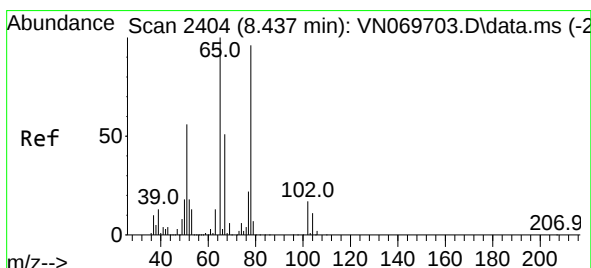
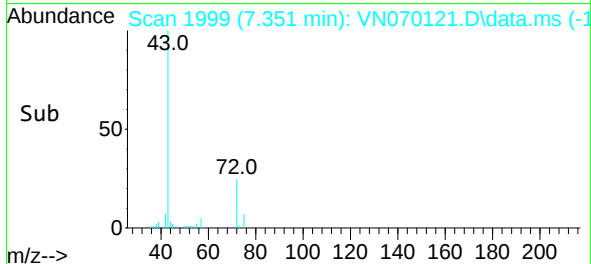
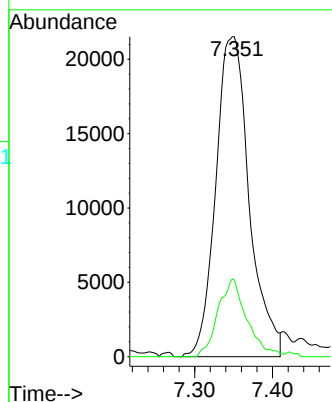
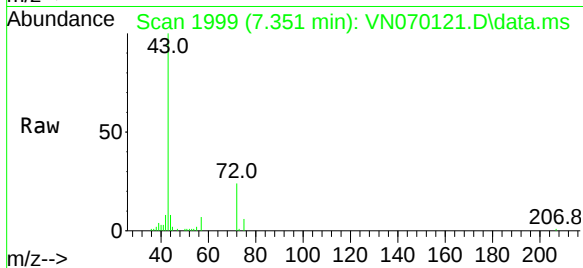
SW-2RE

Tgt Ion: 43 Resp: 64225

Ion Ratio Lower Upper

43 100

72 24.0 21.7 32.5



#33

1,2-Dichloroethane-d4

Concen: 51.825 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN070121.D

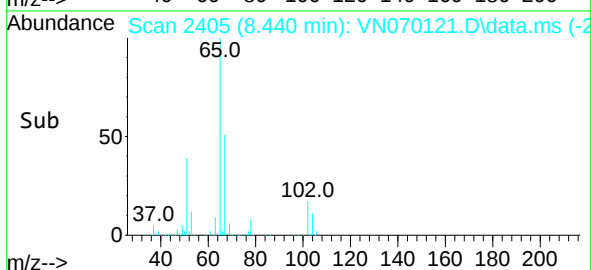
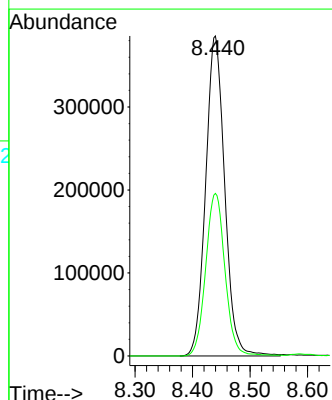
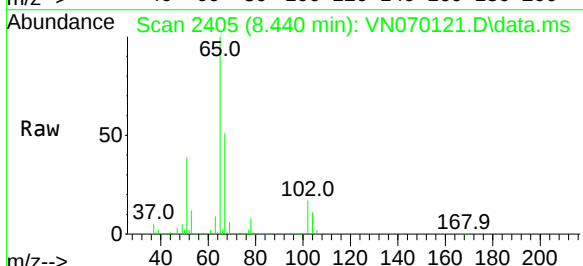
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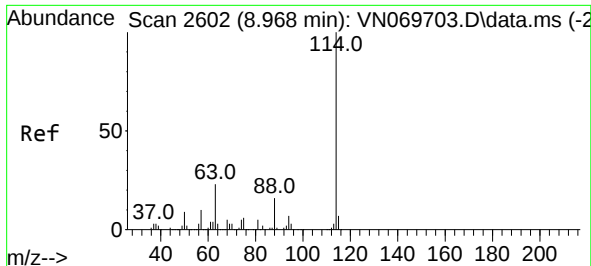
Tgt Ion: 65 Resp: 888563

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0

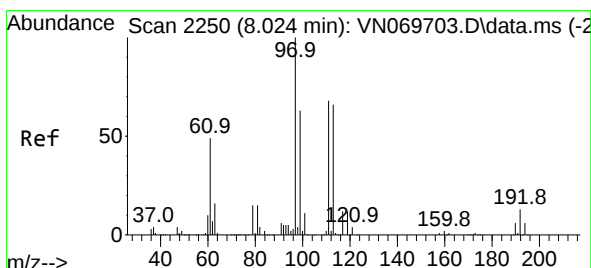
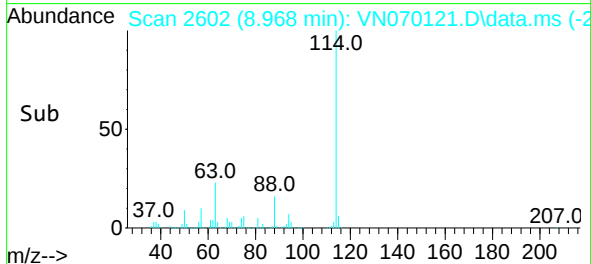
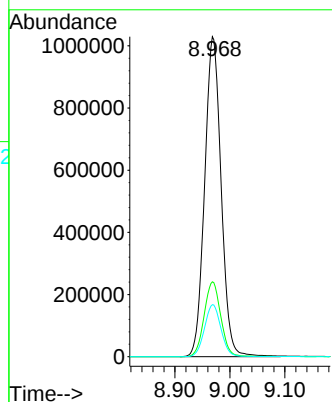
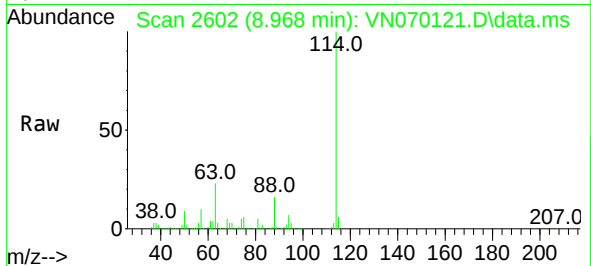




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070121.D
Acq: 15 Dec 2021 19:17

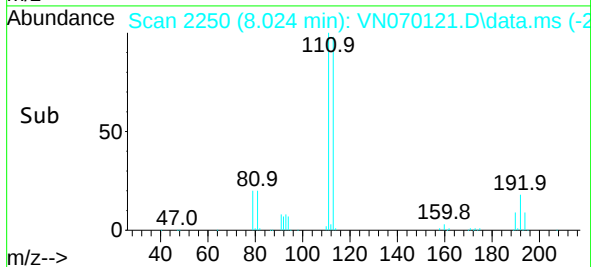
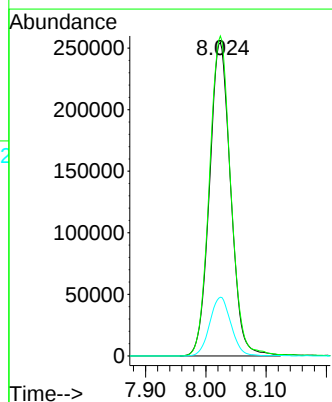
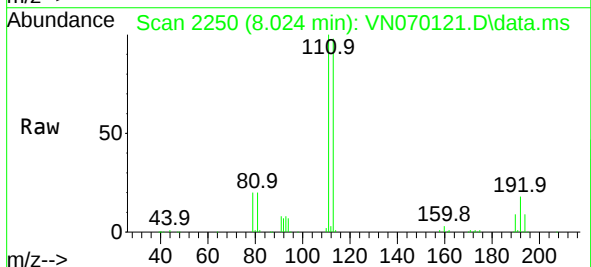
Instrument :
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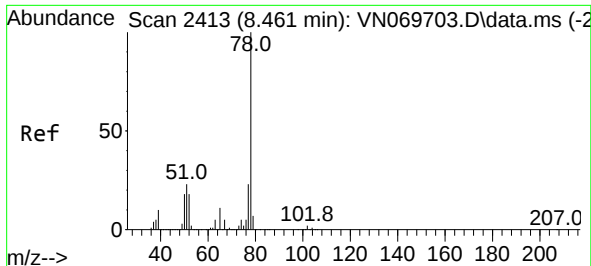
Tgt Ion:114 Resp: 2145477
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.265 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070121.D
Acq: 15 Dec 2021 19:17

Tgt Ion:113 Resp: 621743
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.2
192 18.8 16.9 25.3

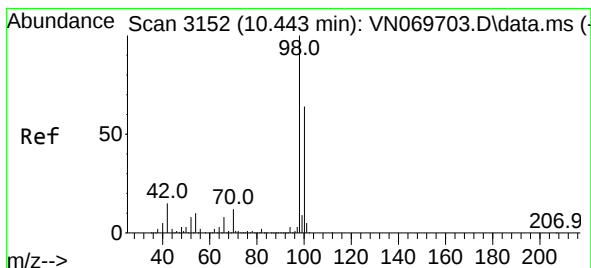
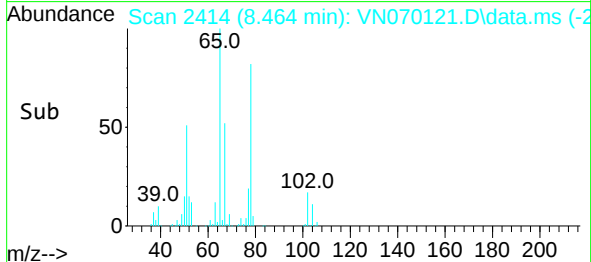
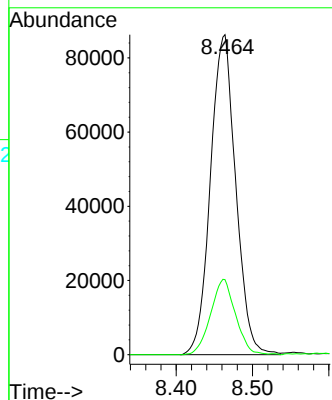
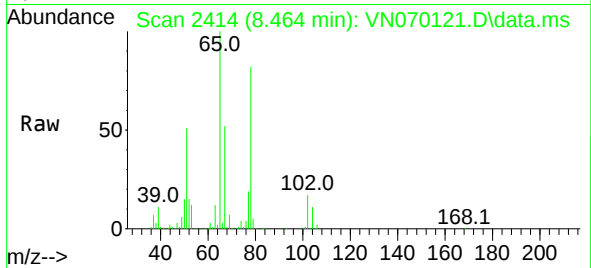




#40
Benzene
Concen: 3.179 ug/l
RT: 8.464 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070121.D
Acq: 15 Dec 2021 19:17

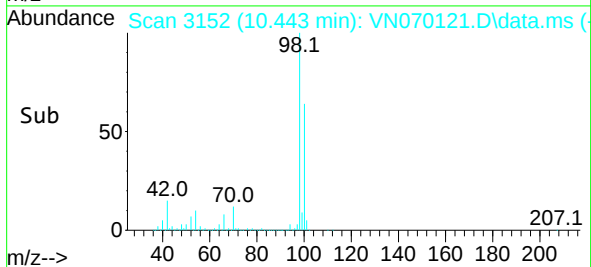
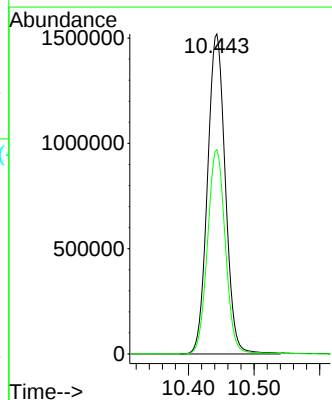
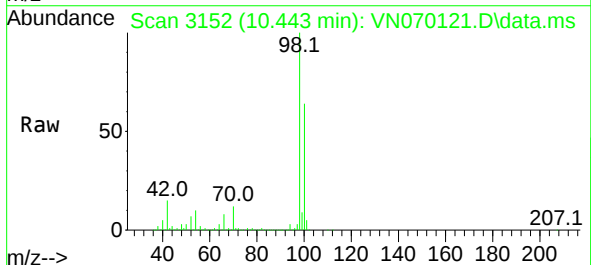
Instrument :
MSVOA_N
ClientSampleId :
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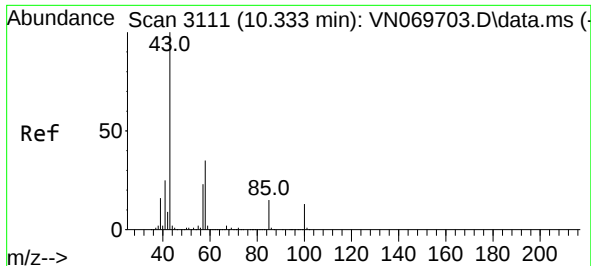
Tgt Ion: 78 Resp: 198477
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8



#50
Toluene-d8
Concen: 53.092 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070121.D
Acq: 15 Dec 2021 19:17

Tgt Ion: 98 Resp: 2864903
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6

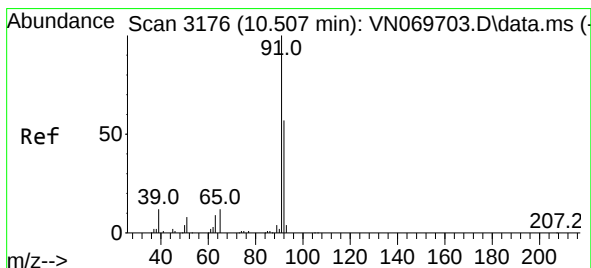
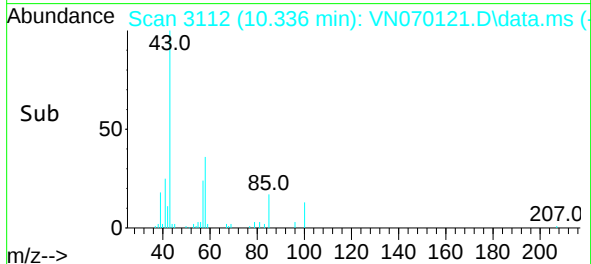
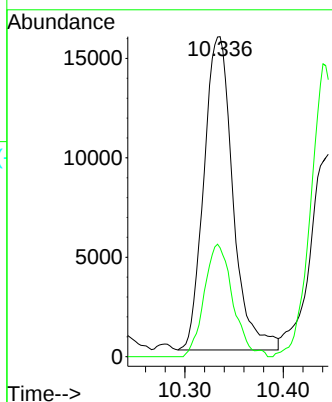
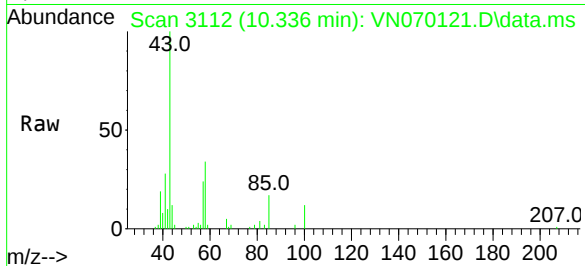




#51
4-Methyl-2-Pentanone
Concen: 1.108 ug/l
RT: 10.336 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN070121.D
Acq: 15 Dec 2021 19:17

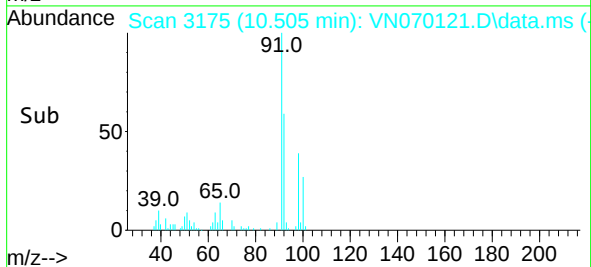
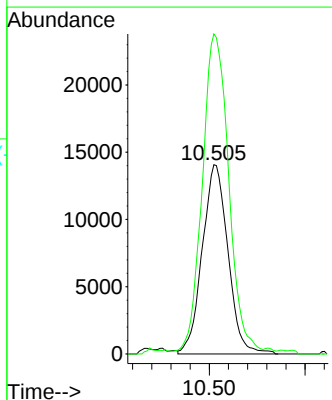
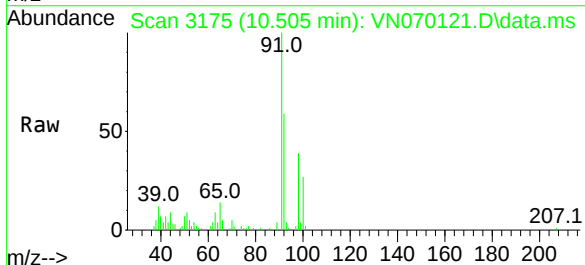
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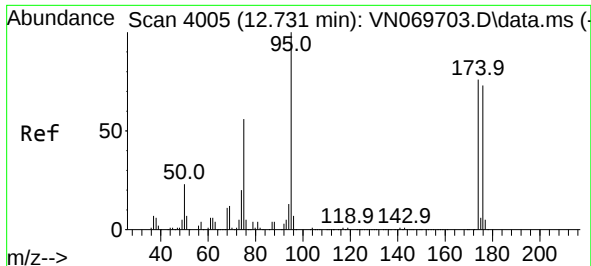
Tgt Ion: 43 Resp: 32336
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6



#52
Toluene
Concen: 0.688 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070121.D
Acq: 15 Dec 2021 19:17

Tgt Ion: 92 Resp: 26239
Ion Ratio Lower Upper
92 100
91 170.2 142.0 213.0

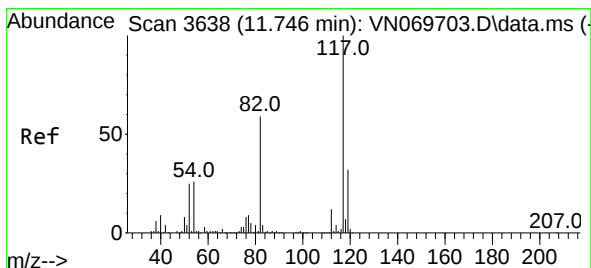
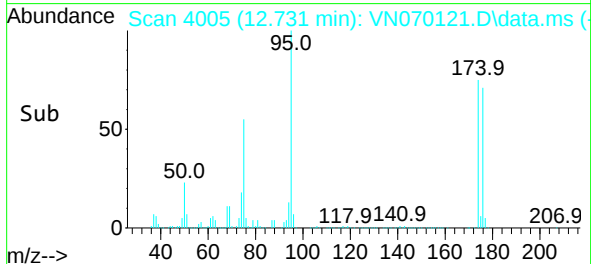
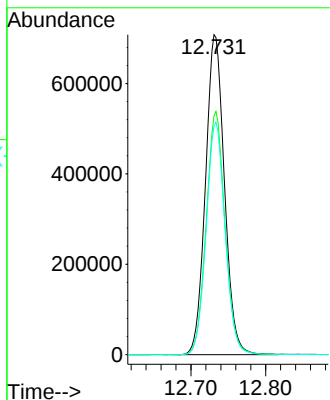
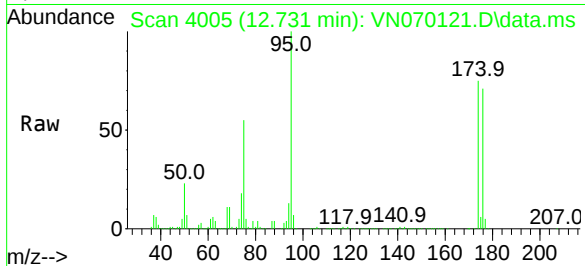




#62
4-Bromofluorobenzene
Concen: 63.787 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070121.D
Acq: 15 Dec 2021 19:17

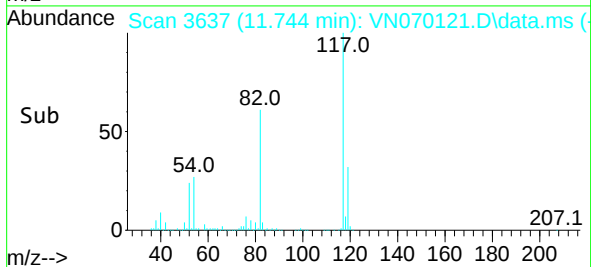
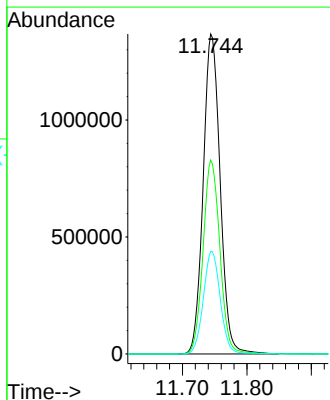
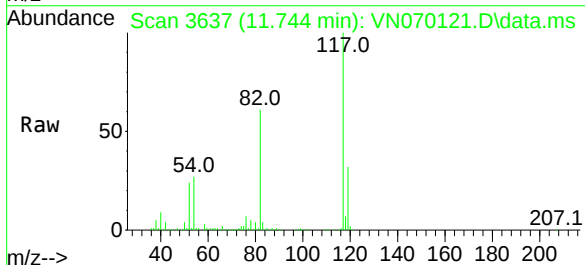
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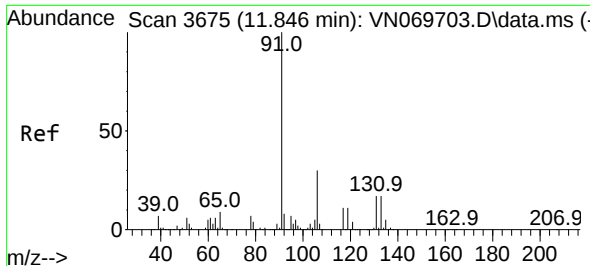
Tgt Ion: 95 Resp: 1246967
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 72.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070121.D
Acq: 15 Dec 2021 19:17

Tgt Ion: 117 Resp: 2502073
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 32.1 25.4 38.2

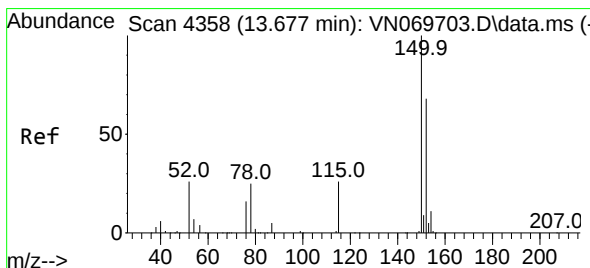
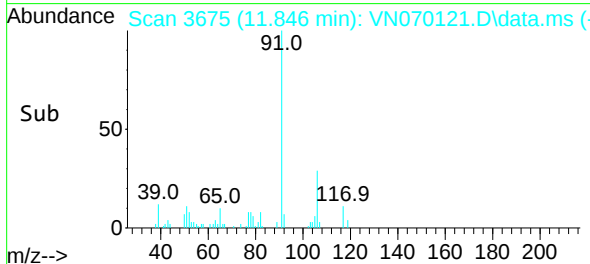
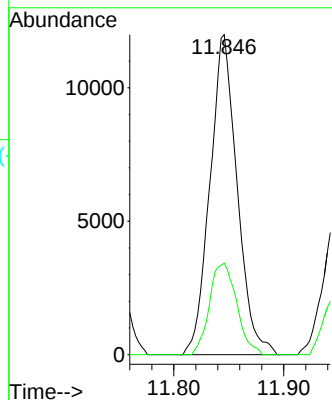
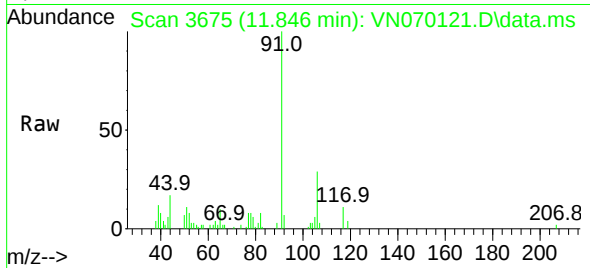




#67
Ethyl Benzene
Concen: 0.224 ug/l
RT: 11.846 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070121.D
Acq: 15 Dec 2021 19:17

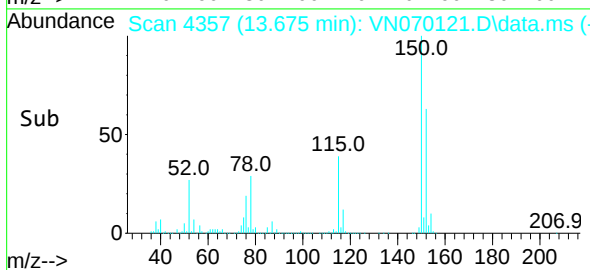
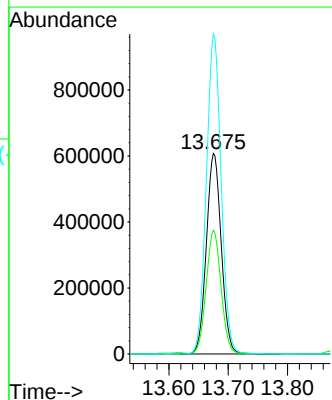
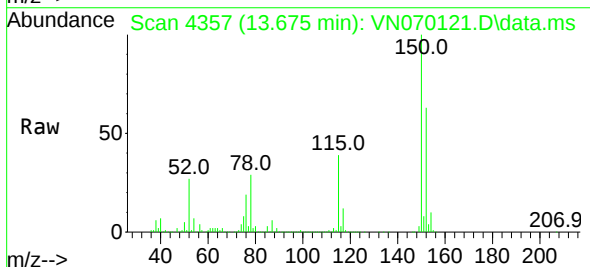
Instrument :
MSVOA_N
ClientSampleId :
SW-2RE

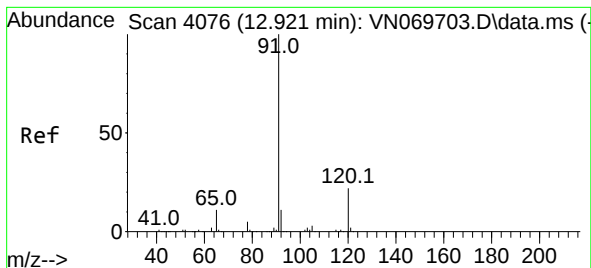
Tgt Ion: 91 Resp: 20642
Ion Ratio Lower Upper
91 100
106 28.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070121.D
Acq: 15 Dec 2021 19:17

Tgt Ion:152 Resp: 1056837
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 158.1 0.0 344.4





#78

n-propylbenzene

Concen: 0.263 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.000 min

Lab File: VN070121.D

Acq: 15 Dec 2021 19:17

Instrument :

MSVOA_N

ClientSampleId :

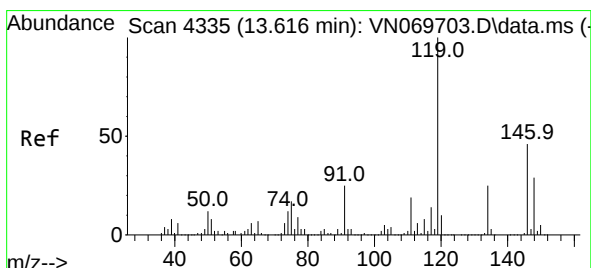
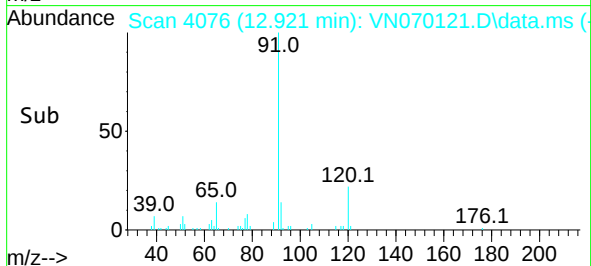
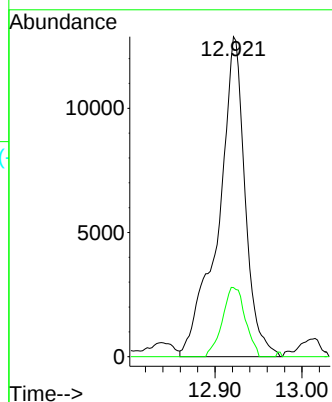
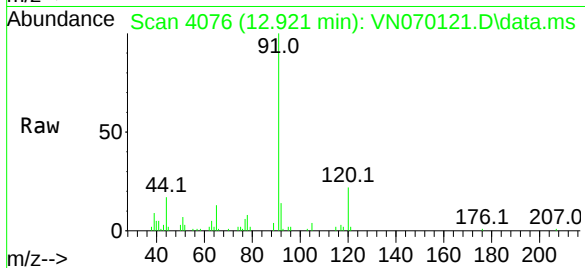
SW-2RE

Tgt Ion: 91 Resp: 27541

Ion Ratio Lower Upper

91 100

120 18.5 11.9 35.9



#86

p-Isopropyltoluene

Concen: 1.072 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. 0.000 min

Lab File: VN070121.D

Acq: 15 Dec 2021 19:17

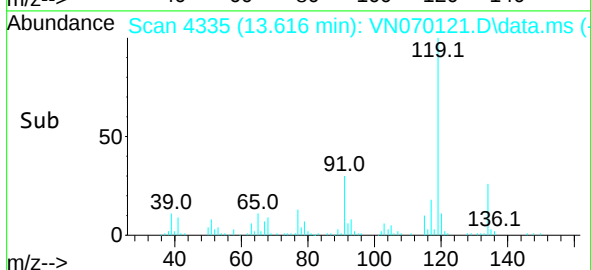
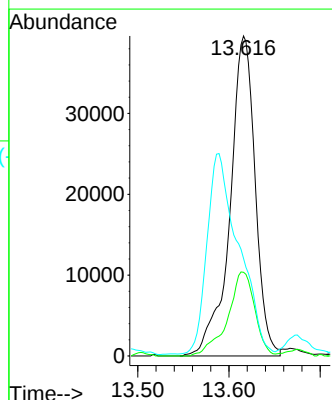
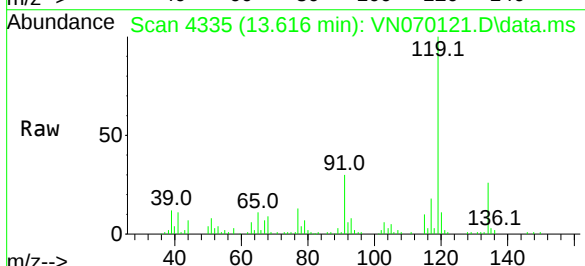
Tgt Ion: 119 Resp: 76192

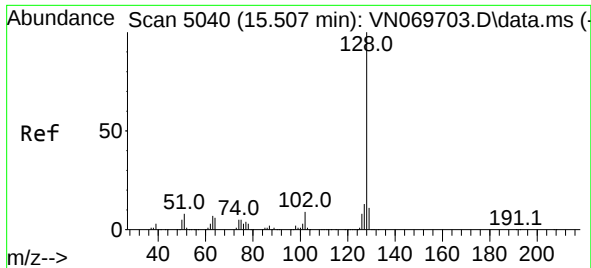
Ion Ratio Lower Upper

119 100

134 28.2 13.6 40.7

91 0.0 11.4 34.1#





#95

Naphthalene

Concen: 4.208 ug/l

RT: 15.509 min Scan# 50

Delta R.T. 0.002 min

Lab File: VN070121.D

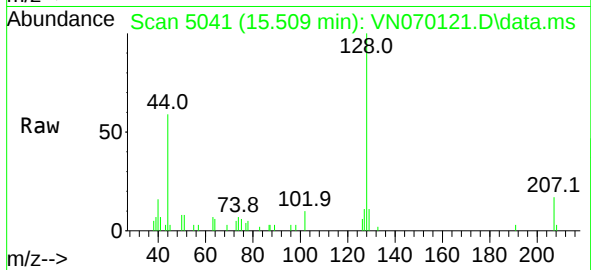
Acq: 15 Dec 2021 19:17

Instrument :

MSVOA_N

ClientSampleId :

SW-2RE



Tgt Ion:128 Resp: 12512

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 11.7 8.7 13.1

