

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070489.D
 Acq On : 5 Jan 2022 15:05
 Operator : JC/MD
 Sample : N1012-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31236

Quant Time: Jan 06 12:34:51 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)

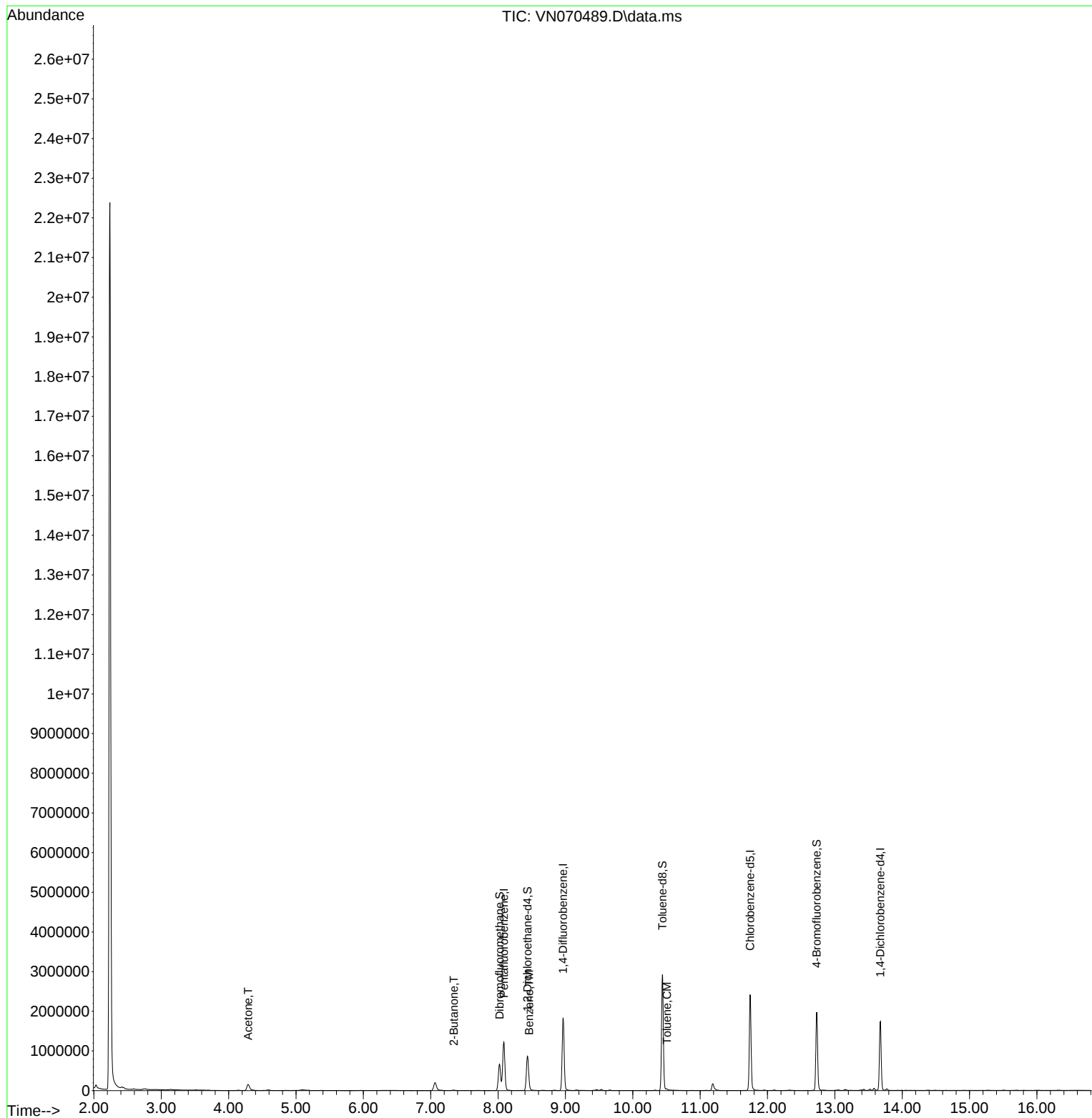
Internal Standards						
1) Pentafluorobenzene	8.086	168	944884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1589840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1415868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	493371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	723320	53.242	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 106.480%		
35) Dibromofluoromethane	8.021	113	499557	51.933	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 103.860%		
50) Toluene-d8	10.440	98	2024045	51.508	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 103.020%		
62) 4-Bromofluorobenzene	12.731	95	726777	51.207	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 102.420%		
Target Compounds						
					Qvalue	
16) Acetone	4.288	43	297027	33.680	ug/l	100
25) 2-Butanone	7.343	43	19801	1.783	ug/l #	84
40) Benzene	8.461	78	35914	0.736	ug/l	95
52) Toluene	10.505	92	11131	0.377	ug/l	97

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

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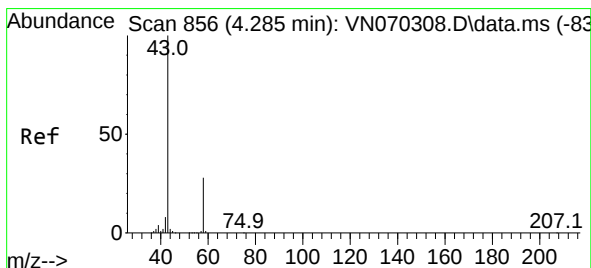
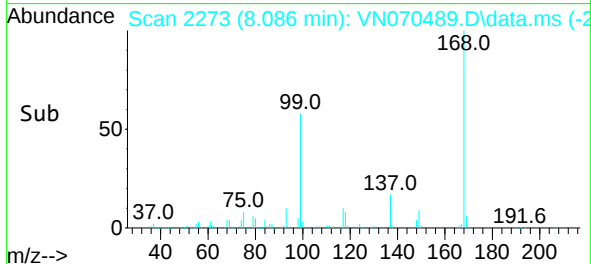
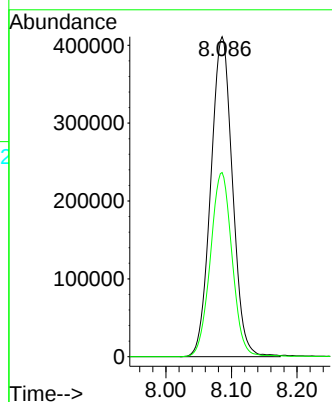
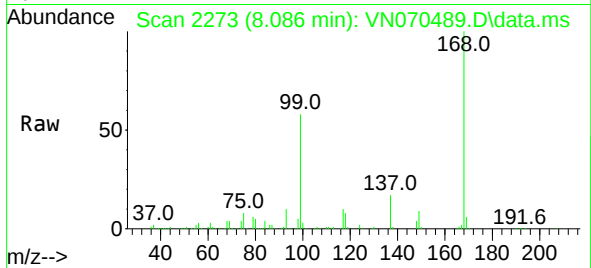




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070489.D
Acq: 5 Jan 2022 15:05

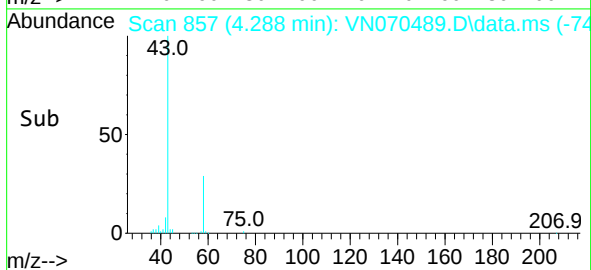
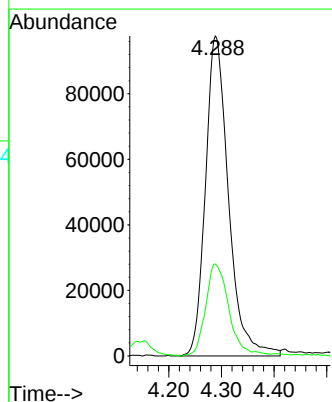
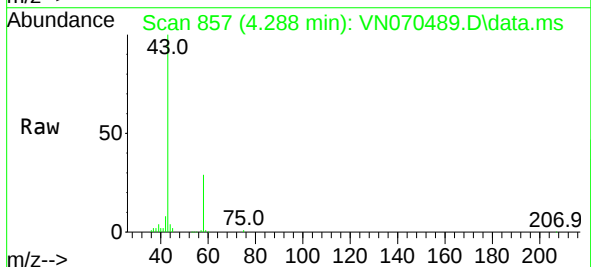
Instrument :
MSVOA_N
ClientSampleId :
31236

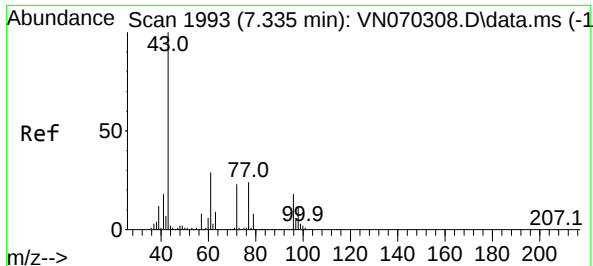
Tgt Ion:168 Resp: 944884
Ion Ratio Lower Upper
168 100
99 57.5 41.3 61.9



#16
Acetone
Concen: 33.680 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070489.D
Acq: 5 Jan 2022 15:05

Tgt Ion: 43 Resp: 297027
Ion Ratio Lower Upper
43 100
58 28.8 23.1 34.7





#25

2-Butanone

Concen: 1.783 ug/l

RT: 7.343 min Scan# 1993

Delta R.T. 0.008 min

Lab File: VN070489.D

Acq: 5 Jan 2022 15:05

Instrument :

MSVOA_N

ClientSampleId :

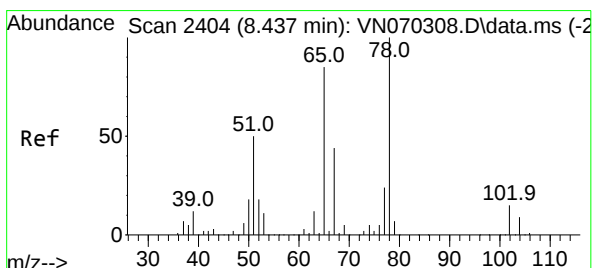
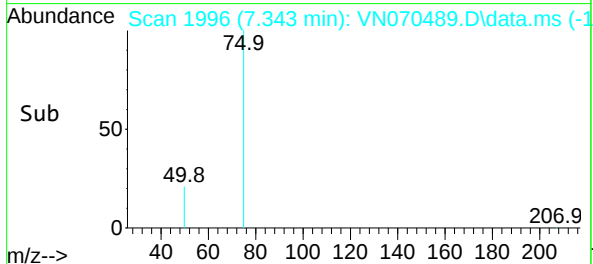
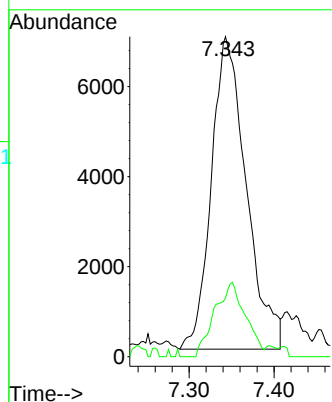
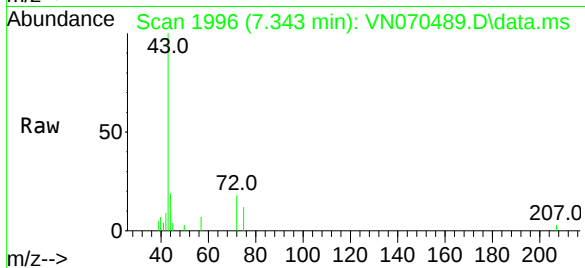
31236

Tgt Ion: 43 Resp: 19801

Ion Ratio Lower Upper

43 100

72 18.8 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 53.242 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070489.D

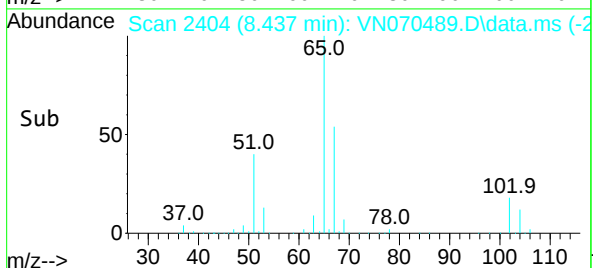
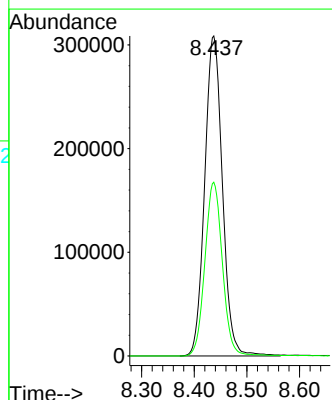
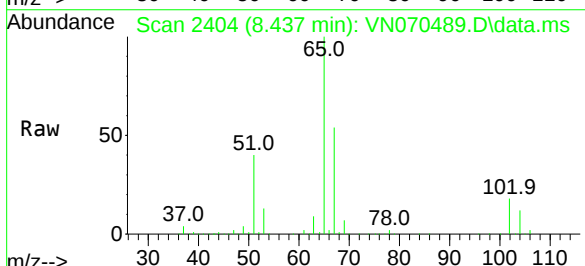
Acq: 5 Jan 2022 15:05

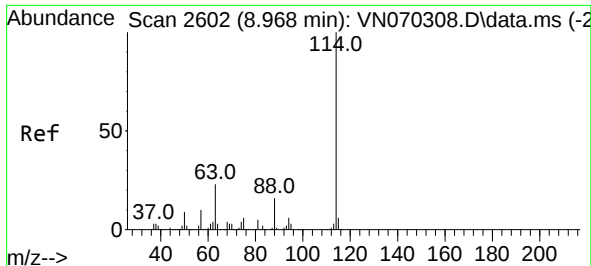
Tgt Ion: 65 Resp: 723320

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.0

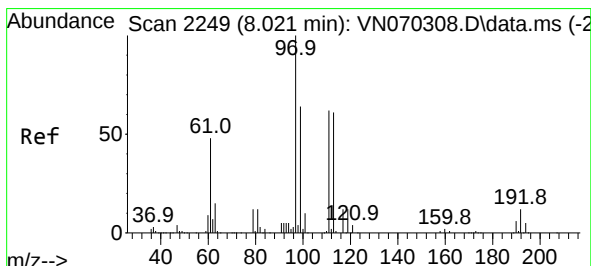
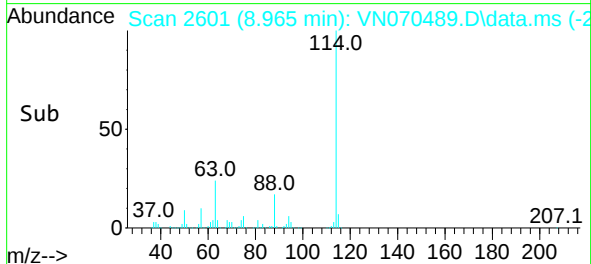
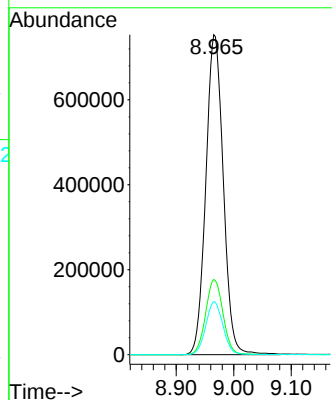
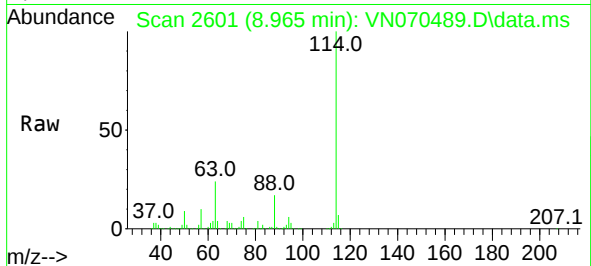




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070489.D
Acq: 5 Jan 2022 15:05

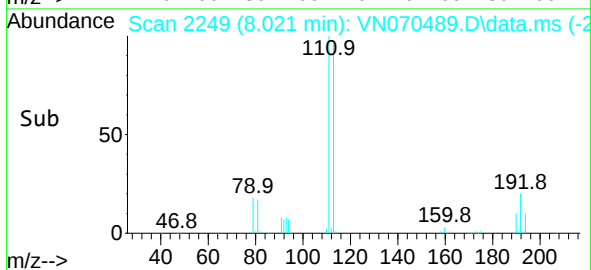
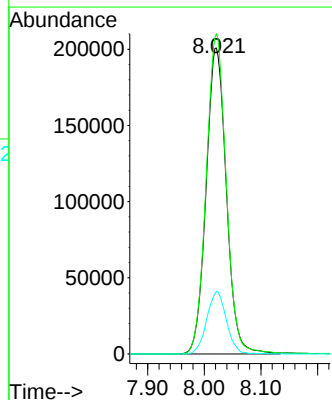
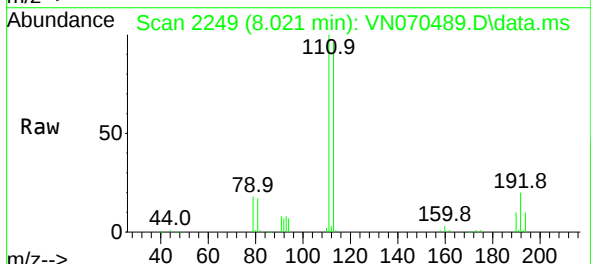
Instrument :
MSVOA_N
ClientSampleId :
31236

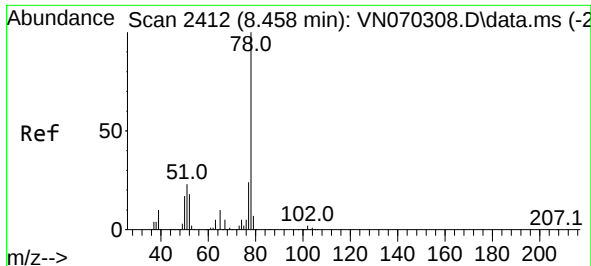
Tgt Ion:114 Resp: 1589840
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 51.933 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070489.D
Acq: 5 Jan 2022 15:05

Tgt Ion:113 Resp: 499557
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.7 16.9 25.3





#40

Benzene

Concen: 0.736 ug/l

RT: 8.461 min Scan# 2412

Delta R.T. 0.003 min

Lab File: VN070489.D

Acq: 5 Jan 2022 15:05

Instrument :

MSVOA_N

ClientSampleId :

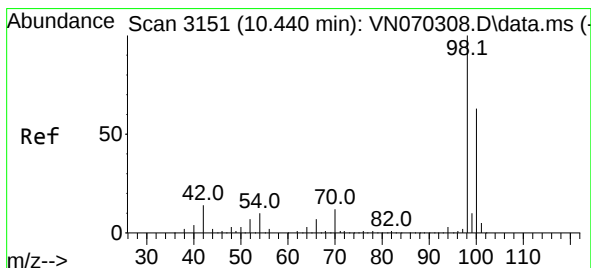
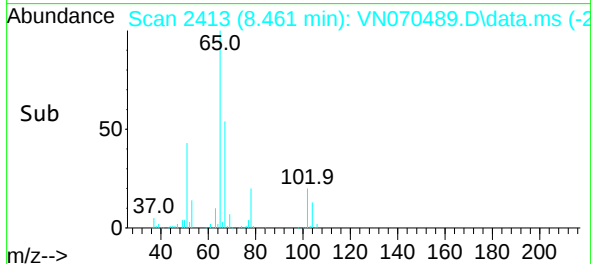
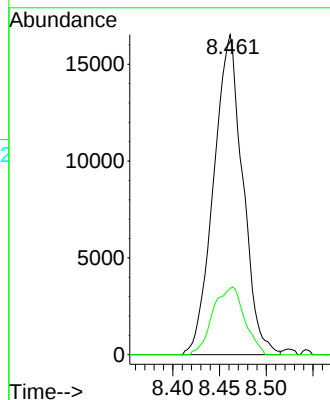
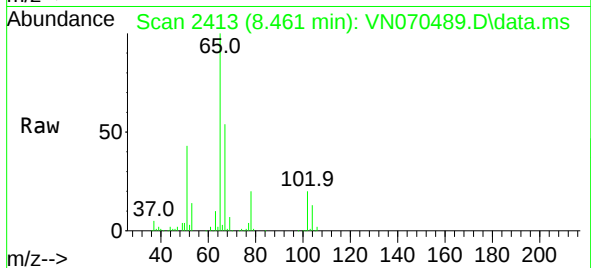
31236

Tgt Ion: 78 Resp: 35914

Ion Ratio Lower Upper

78 100

77 20.7 18.6 27.8



#50

Toluene-d8

Concen: 51.508 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070489.D

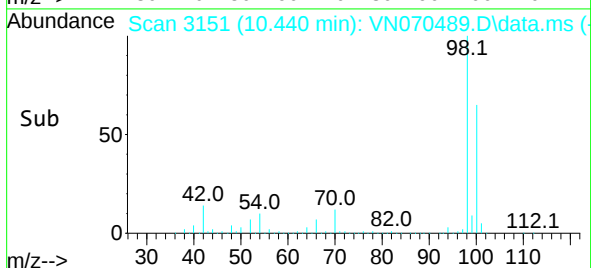
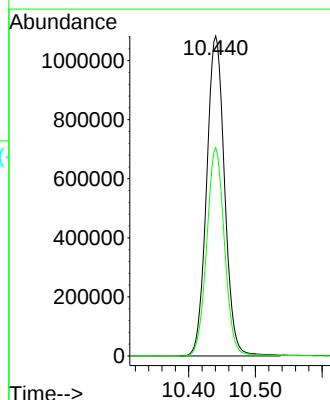
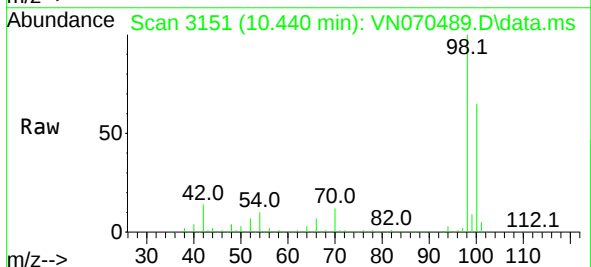
Acq: 5 Jan 2022 15:05

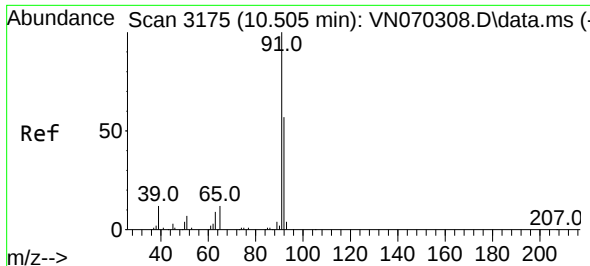
Tgt Ion: 98 Resp: 2024045

Ion Ratio Lower Upper

98 100

100 64.6 50.4 75.6

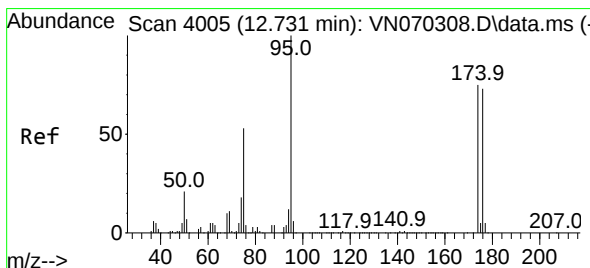
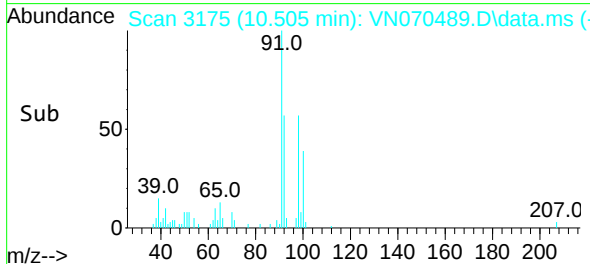
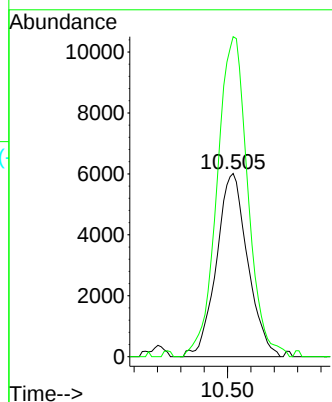
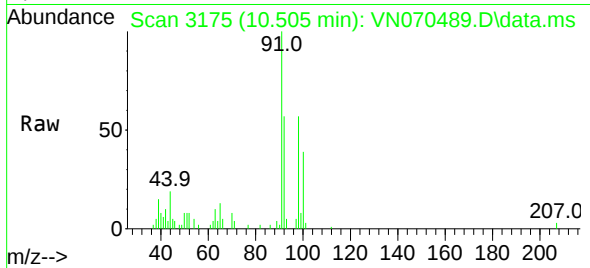




#52
Toluene
Concen: 0.377 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070489.D
Acq: 5 Jan 2022 15:05

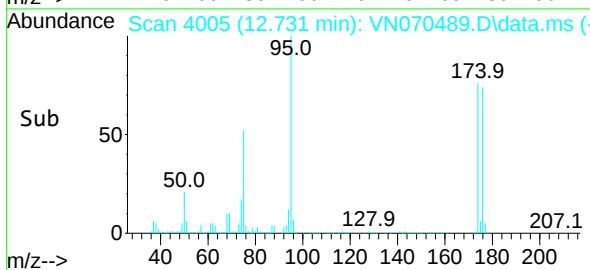
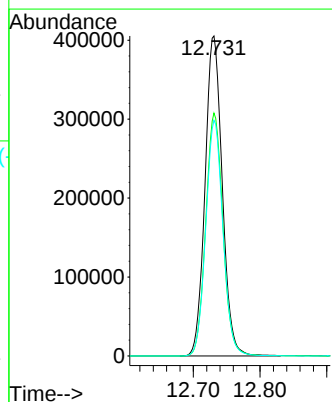
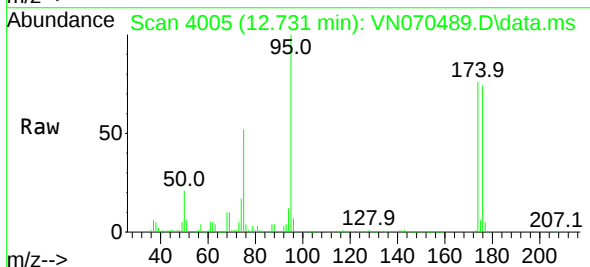
Instrument :
MSVOA_N
ClientSampleId :
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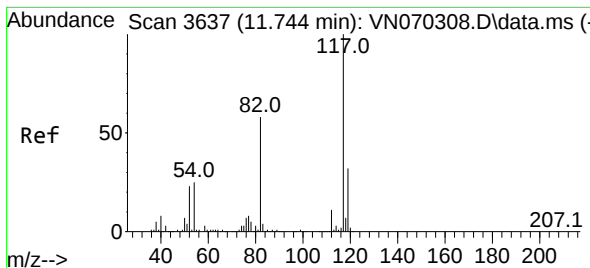
Tgt Ion: 92 Resp: 11131
Ion Ratio Lower Upper
92 100
91 172.6 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 51.207 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070489.D
Acq: 5 Jan 2022 15:05

Tgt Ion: 95 Resp: 726777
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 73.4 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.000 min

Lab File: VN070489.D

Acq: 5 Jan 2022 15:05

Instrument :

MSVOA_N

ClientSampleId :

31236

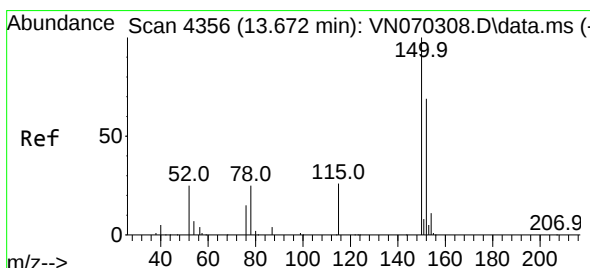
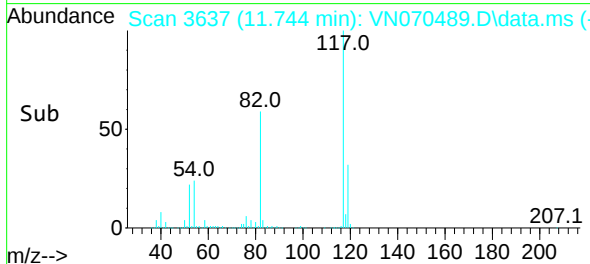
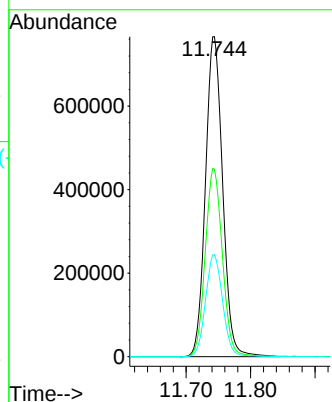
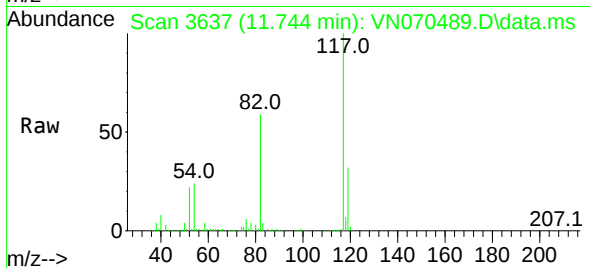
Tgt Ion:117 Resp: 1415868

Ion Ratio Lower Upper

117 100

82 58.5 42.4 63.6

119 31.9 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. 0.003 min

Lab File: VN070489.D

Acq: 5 Jan 2022 15:05

Tgt Ion:152 Resp: 493371

Ion Ratio Lower Upper

152 100

115 60.0 27.5 82.5

150 157.0 0.0 344.4

