

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070498.D
 Acq On : 5 Jan 2022 18:54
 Operator : JC/MD
 Sample : N1012-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31332

Quant Time: Jan 06 13:26:51 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)

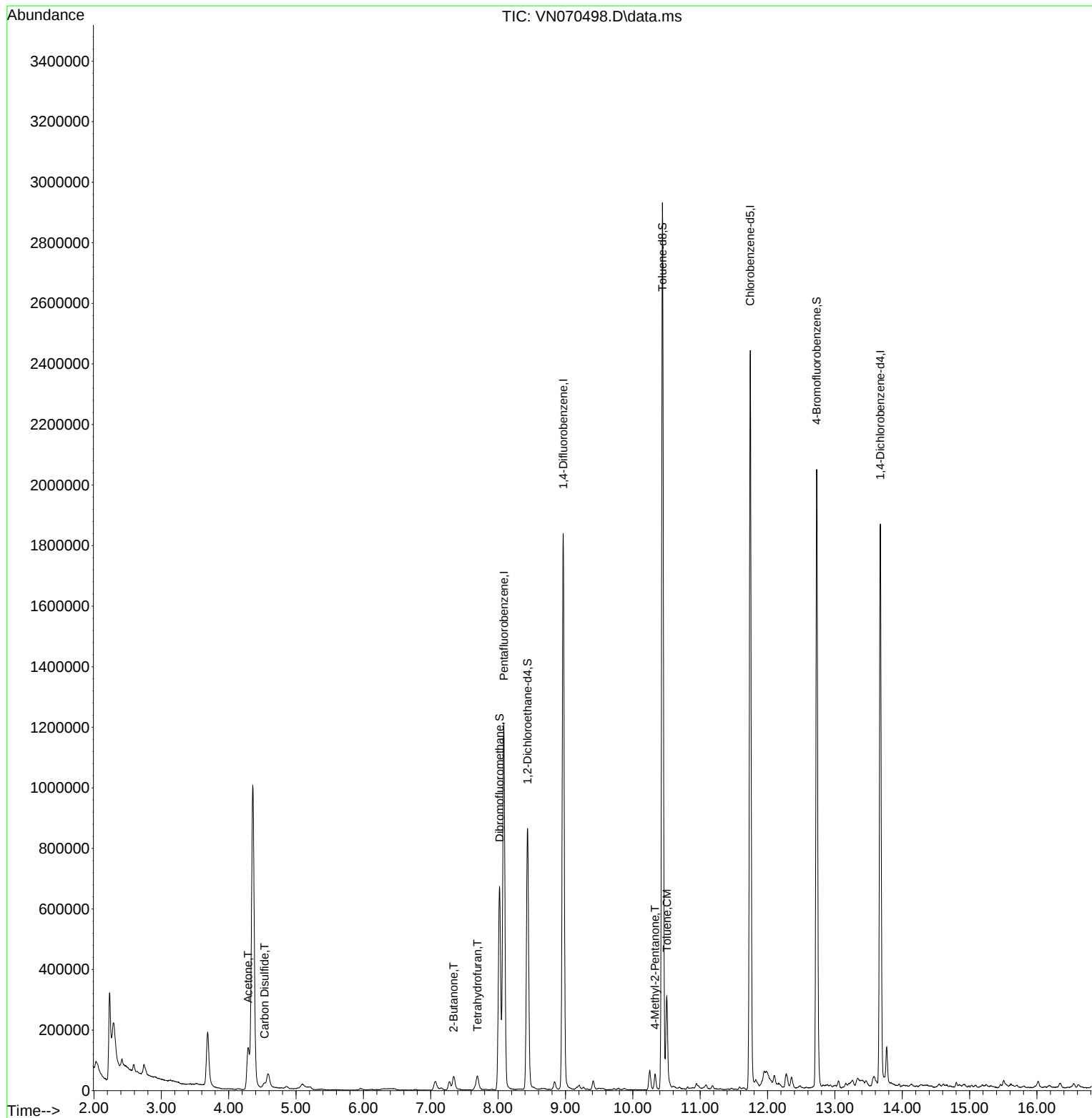
Internal Standards						
1) Pentafluorobenzene	8.085	168	935113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1588474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1409391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	510403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	721508	53.663	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.320%	
35) Dibromofluoromethane	8.021	113	503186	52.355	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.700%	
50) Toluene-d8	10.440	98	2055313	52.348	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 104.700%	
62) 4-Bromofluorobenzene	12.731	95	753430	53.131	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 106.260%	
Target Compounds						
						Qvalue
16) Acetone	4.288	43	266863	30.576	ug/l	100
17) Carbon Disulfide	4.532	76	39926	1.536	ug/l	99
25) 2-Butanone	7.340	43	75637	6.883	ug/l	94
29) Tetrahydrofuran	7.694	42	38166	5.821	ug/l #	70
51) 4-Methyl-2-Pentanone	10.330	43	36085	1.767	ug/l	96
52) Toluene	10.505	92	129816	4.400	ug/l	96

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

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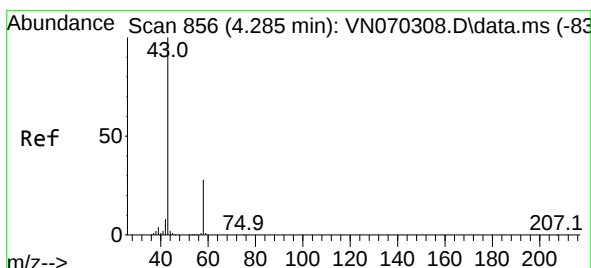
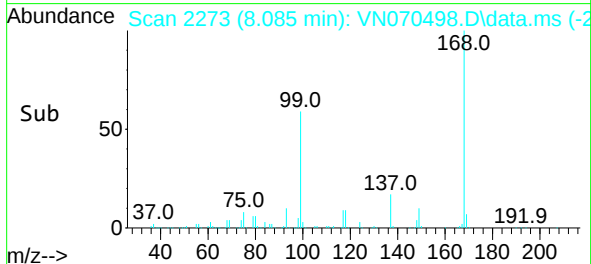
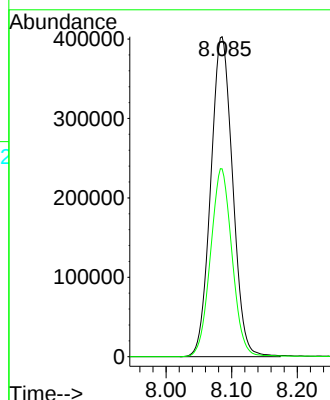
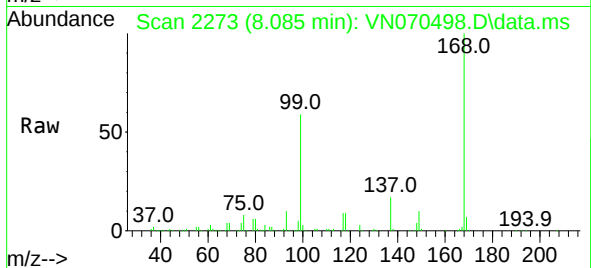




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN070498.D
Acq: 5 Jan 2022 18:54

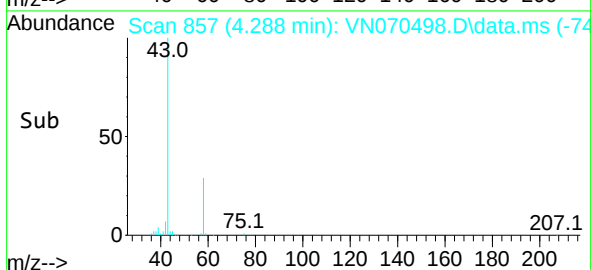
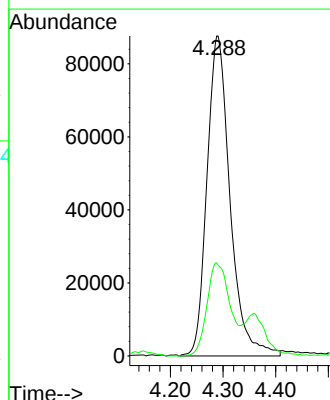
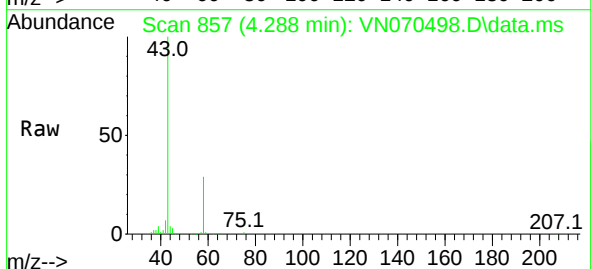
Instrument :
MSVOA_N
ClientSampleId :
31332

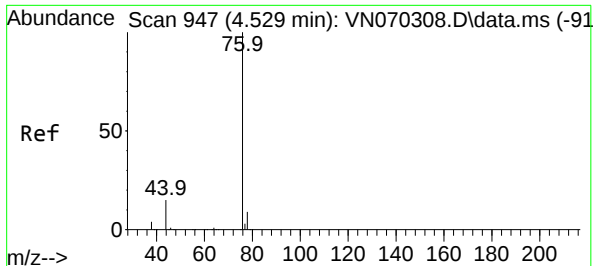
Tgt Ion:168 Resp: 935113
Ion Ratio Lower Upper
168 100
99 58.7 41.3 61.9



#16
Acetone
Concen: 30.576 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070498.D
Acq: 5 Jan 2022 18:54

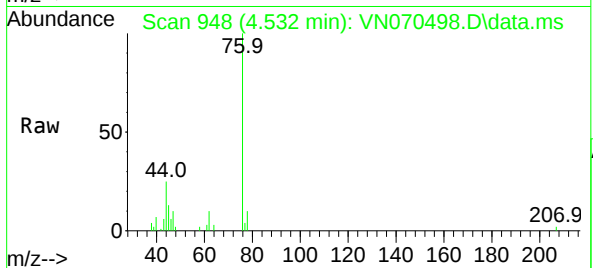
Tgt Ion: 43 Resp: 266863
Ion Ratio Lower Upper
43 100
58 29.1 23.1 34.7



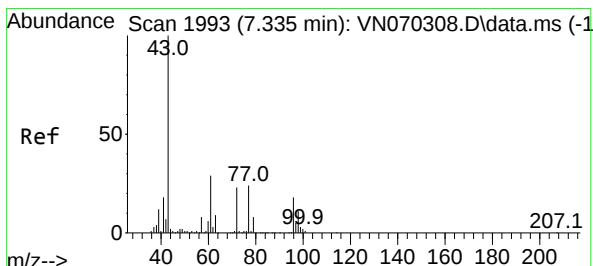
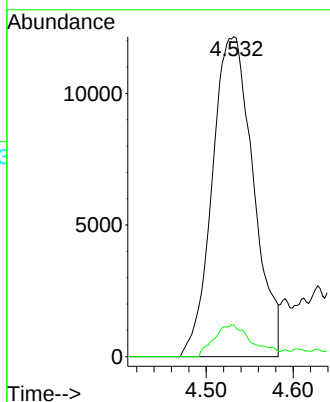
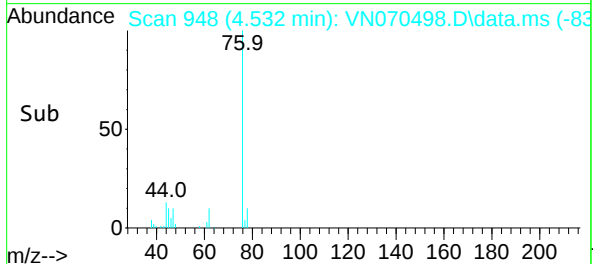


#17
Carbon Disulfide
Concen: 1.536 ug/l
RT: 4.532 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN070498.D
Acq: 5 Jan 2022 18:54

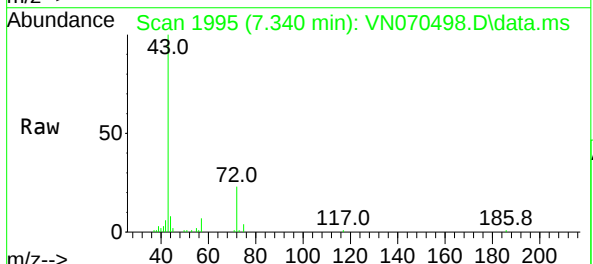
Instrument :
MSVOA_N
ClientSampleId :
31332



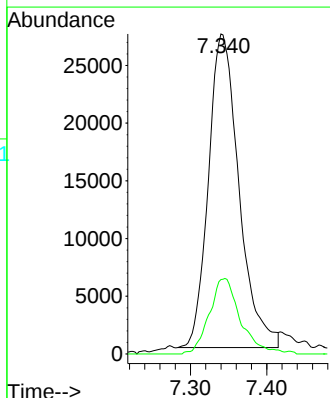
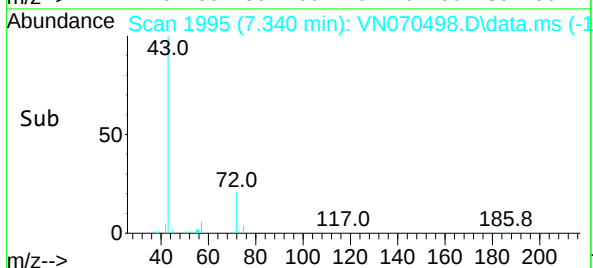
Tgt Ion: 76 Resp: 39926
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3

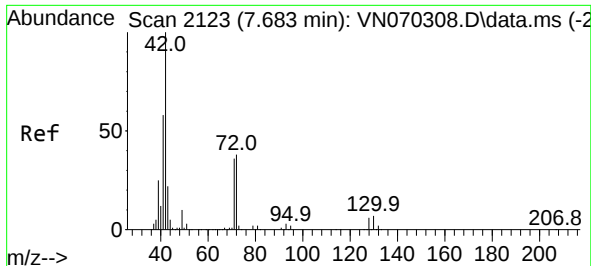


#25
2-Butanone
Concen: 6.883 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.005 min
Lab File: VN070498.D
Acq: 5 Jan 2022 18:54



Tgt Ion: 43 Resp: 75637
Ion Ratio Lower Upper
43 100
72 23.7 21.7 32.5





#29

Tetrahydrofuran

Concen: 5.821 ug/l

RT: 7.694 min Scan# 21

Delta R.T. 0.011 min

Lab File: VN070498.D

Acq: 5 Jan 2022 18:54

Instrument :

MSVOA_N

ClientSampleId :

31332

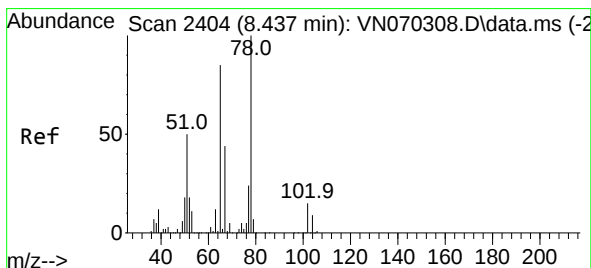
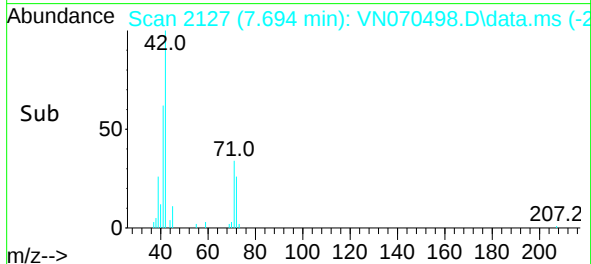
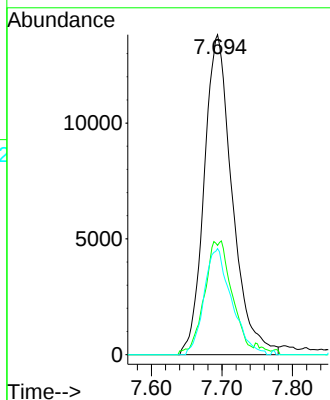
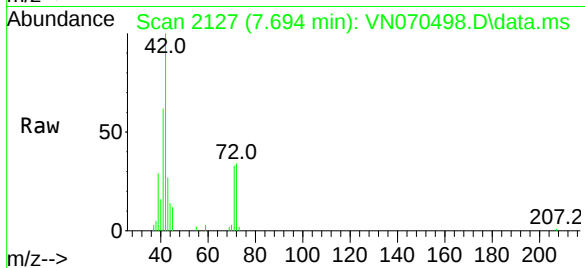
Tgt Ion: 42 Resp: 38166

Ion Ratio Lower Upper

42 100

72 17.6 36.3 54.5#

71 32.5 34.7 52.1#



#33

1,2-Dichloroethane-d4

Concen: 53.663 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070498.D

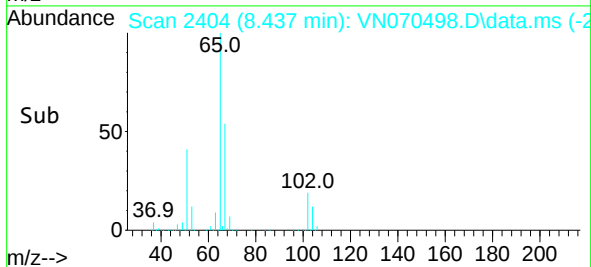
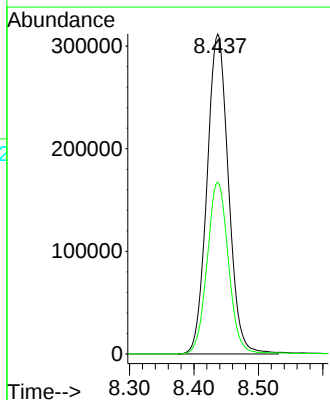
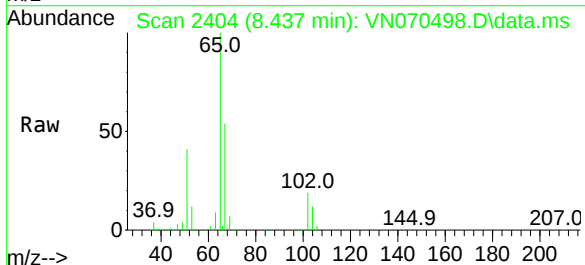
Acq: 5 Jan 2022 18:54

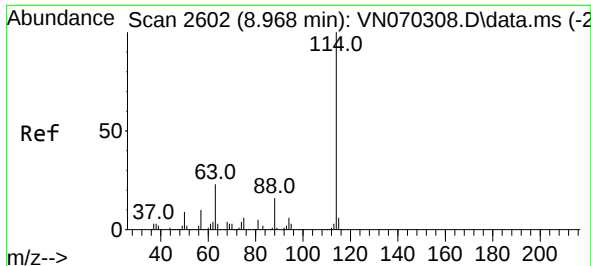
Tgt Ion: 65 Resp: 721508

Ion Ratio Lower Upper

65 100

67 53.3 0.0 103.0

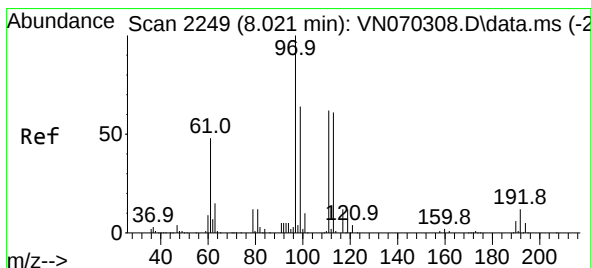
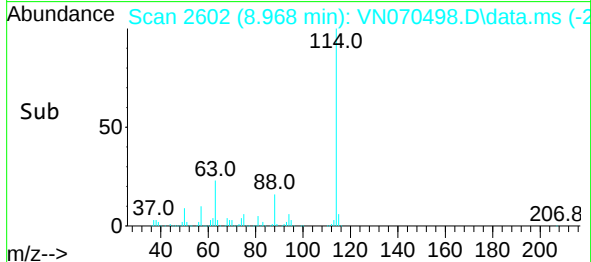
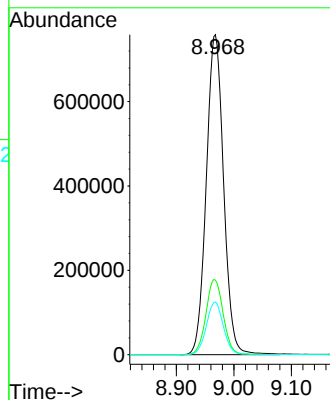
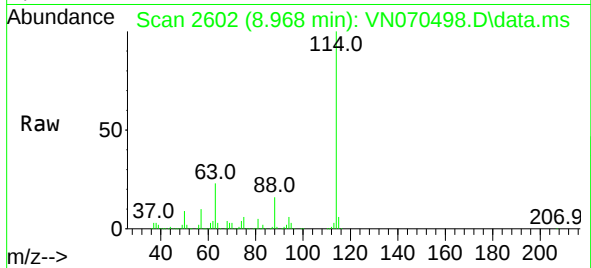




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070498.D
Acq: 5 Jan 2022 18:54

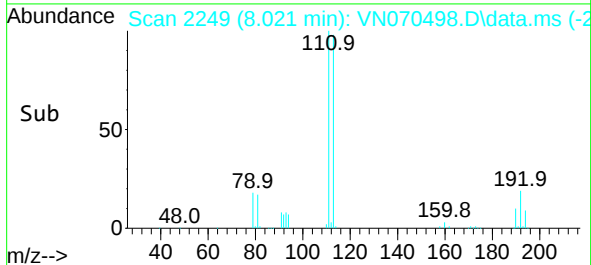
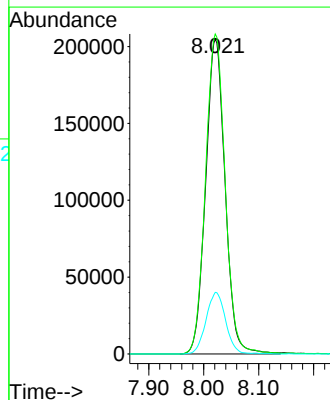
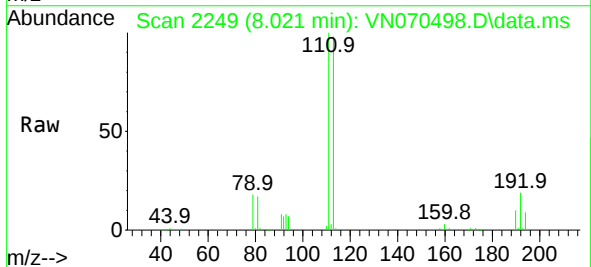
Instrument :
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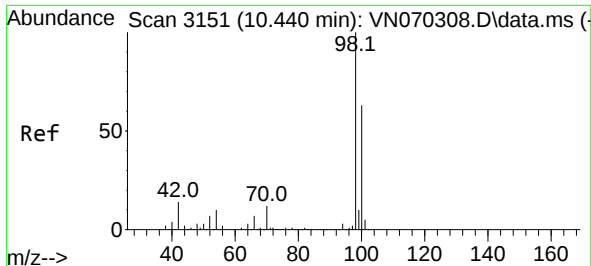
Tgt Ion:114 Resp: 1588474
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 52.355 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070498.D
Acq: 5 Jan 2022 18:54

Tgt Ion:113 Resp: 503186
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.7 16.9 25.3

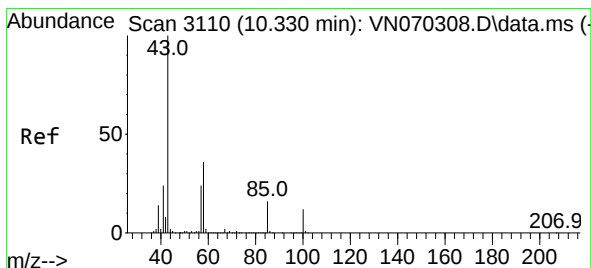
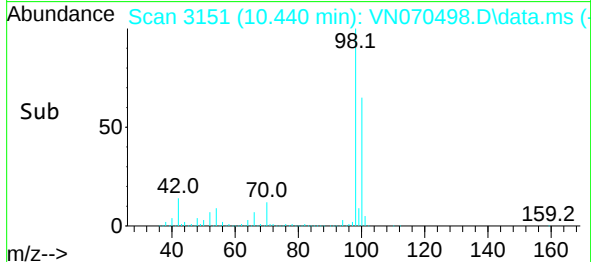
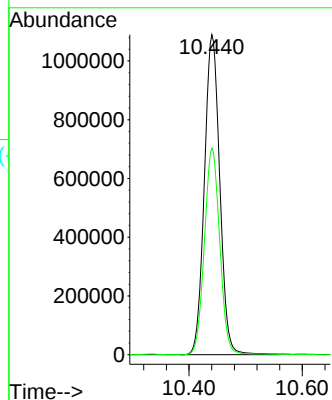
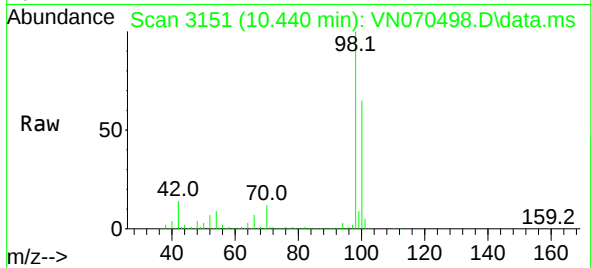




#50
Toluene-d8
Concen: 52.348 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070498.D
Acq: 5 Jan 2022 18:54

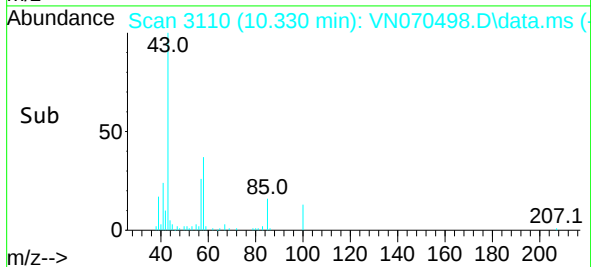
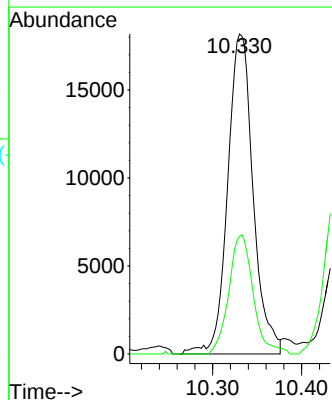
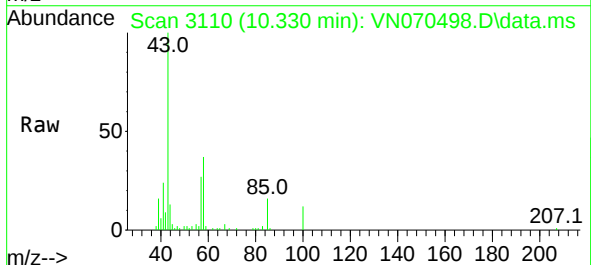
Instrument :
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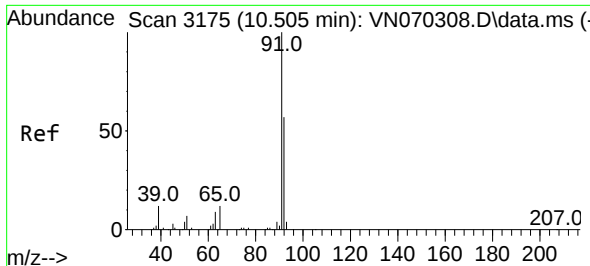
Tgt Ion: 98 Resp: 2055313
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.767 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070498.D
Acq: 5 Jan 2022 18:54

Tgt Ion: 43 Resp: 36085
Ion Ratio Lower Upper
43 100
58 35.6 30.4 45.6

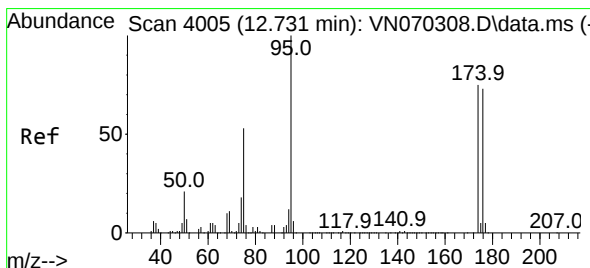
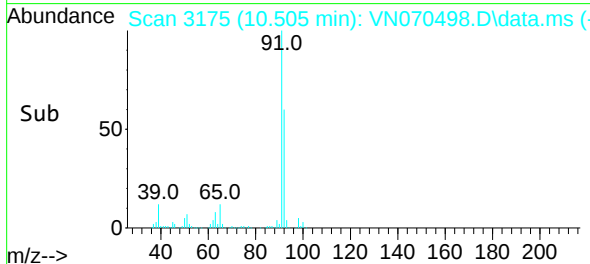
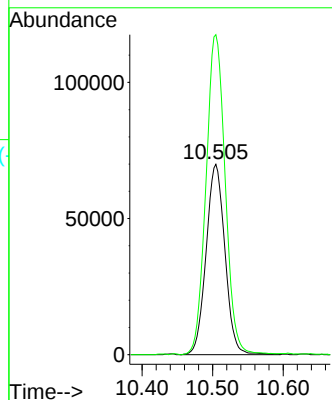
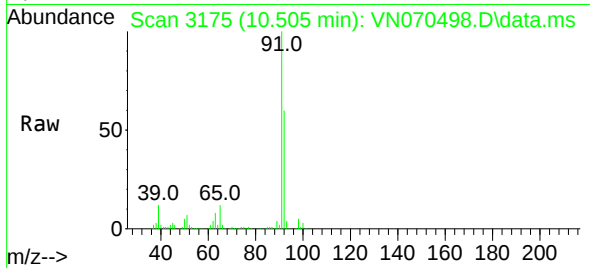




#52
Toluene
Concen: 4.400 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070498.D
Acq: 5 Jan 2022 18:54

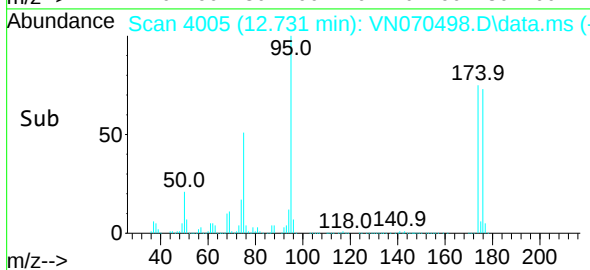
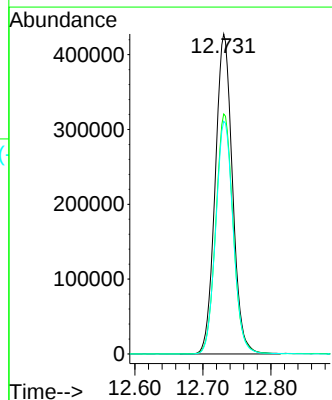
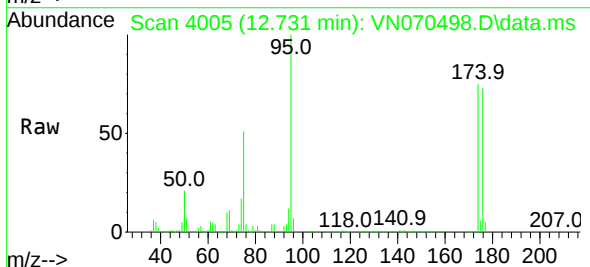
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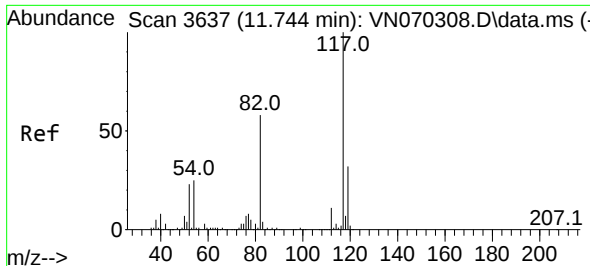
Tgt Ion: 92 Resp: 129816
Ion Ratio Lower Upper
92 100
91 171.6 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 53.131 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070498.D
Acq: 5 Jan 2022 18:54

Tgt Ion: 95 Resp: 753430
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 73.5 0.0 181.4

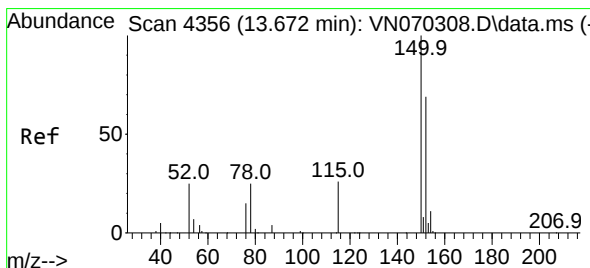
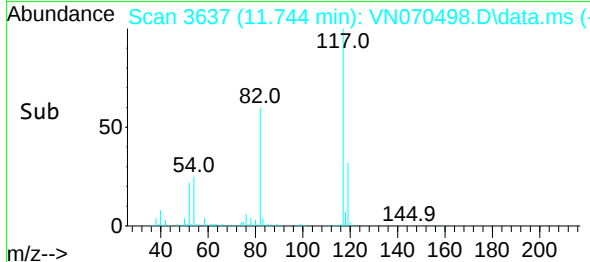
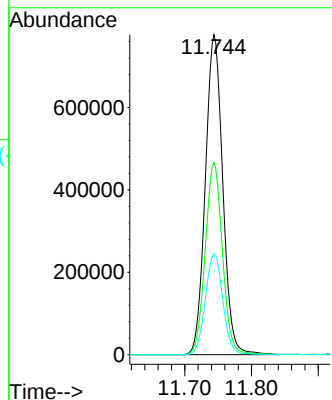
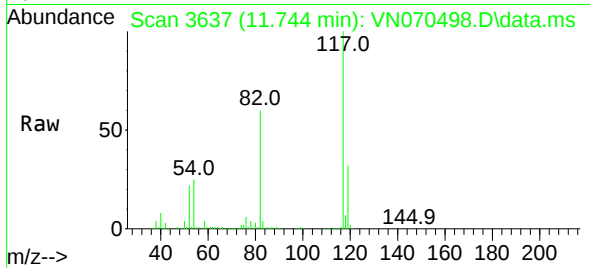




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 31332
Delta R.T. -0.000 min
Lab File: VN070498.D
Acq: 5 Jan 2022 18:54

Instrument :
MSVOA_N
ClientSampleId :
31332

Tgt Ion:117 Resp: 1409391
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 31.6 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: VN070498.D
Acq: 5 Jan 2022 18:54

Tgt Ion:152 Resp: 510403
Ion Ratio Lower Upper
152 100
115 59.2 27.5 82.5
150 156.5 0.0 344.4

