

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070599.D
 Acq On : 12 Jan 2022 20:39
 Operator : JC/MD
 Sample : PB141975ZHE#06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141975ZHE#06

Quant Time: Jan 13 04:28:57 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)

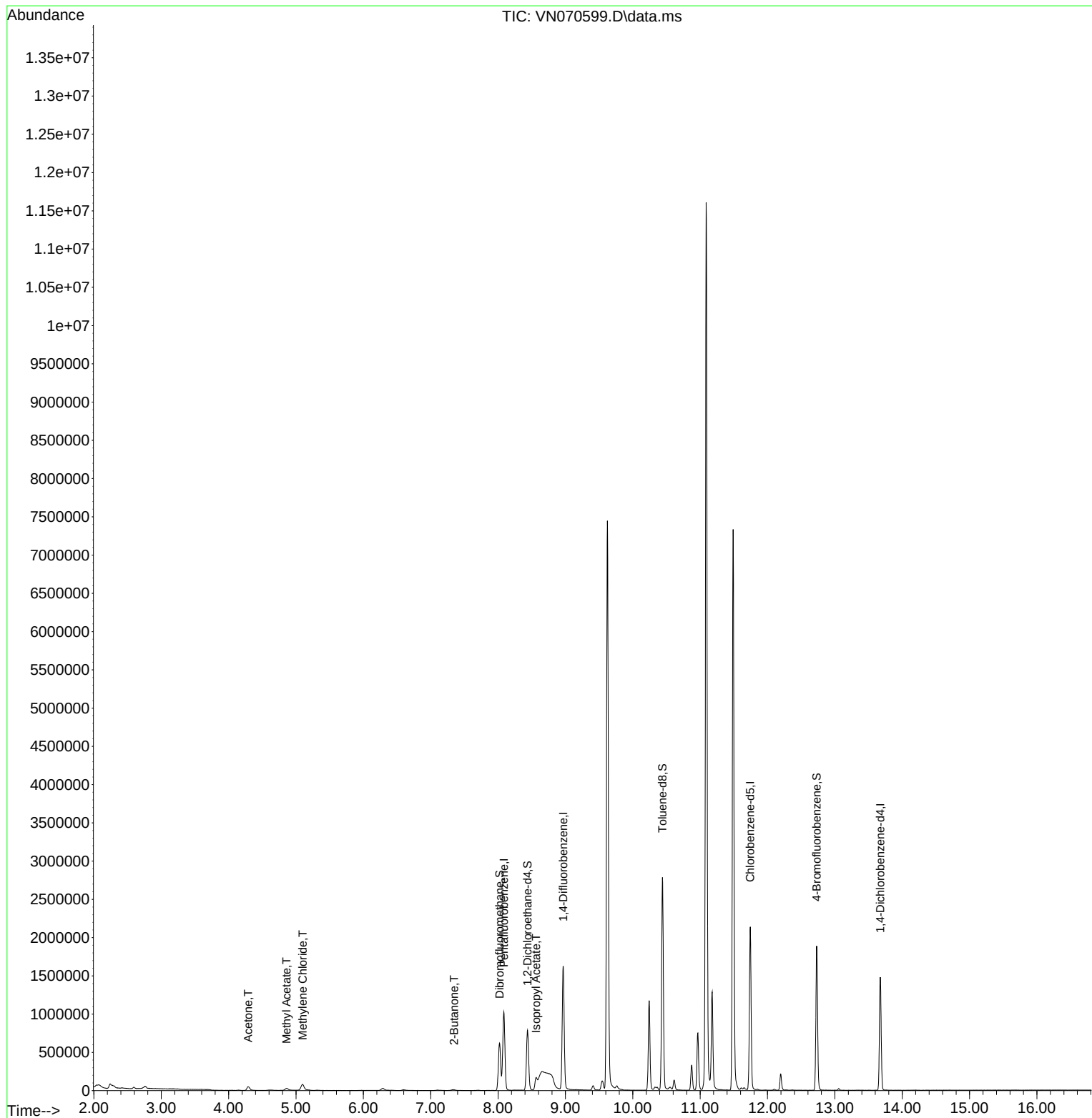
Internal Standards						
1) Pentafluorobenzene	8.086	168	779871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1381842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1244544	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	420956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	657889	58.672	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	117.340%
35) Dibromofluoromethane	8.021	113	459947	55.012	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	110.020%
50) Toluene-d8	10.440	98	1895371	55.493	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	110.980%
62) 4-Bromofluorobenzene	12.731	95	690740	55.994	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.980%
Target Compounds						
						Qvalue
16) Acetone	4.291	43	94770	13.020	ug/l	95
18) Methyl Acetate	4.859	43	57917	2.751	ug/l	95
20) Methylene Chloride	5.098	84	56766	5.637	ug/l	89
25) 2-Butanone	7.345	43	16842	1.838	ug/l #	86
43) Isopropyl Acetate	8.563	43	196420	6.949	ug/l #	80

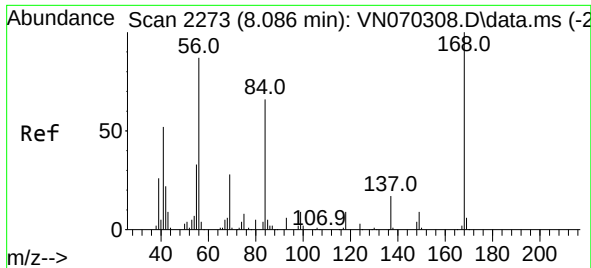
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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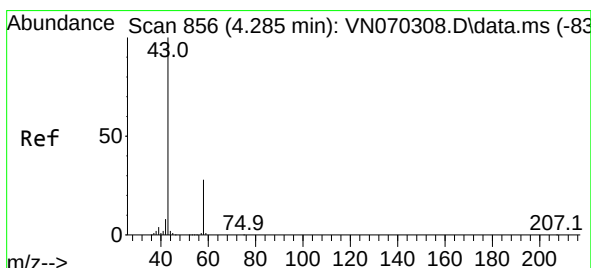
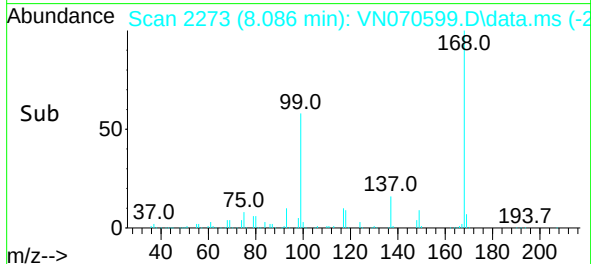
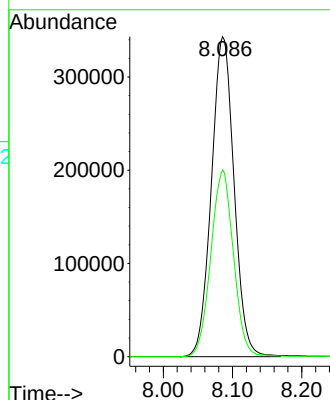
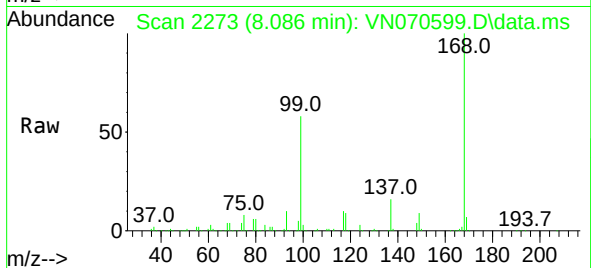




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070599.D
Acq: 12 Jan 2022 20:39

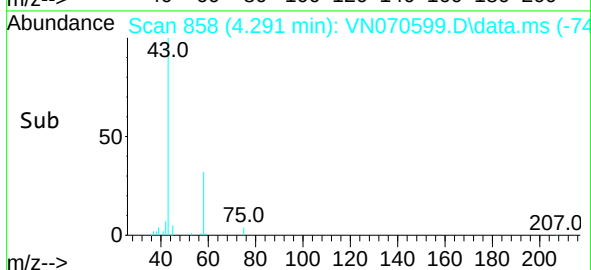
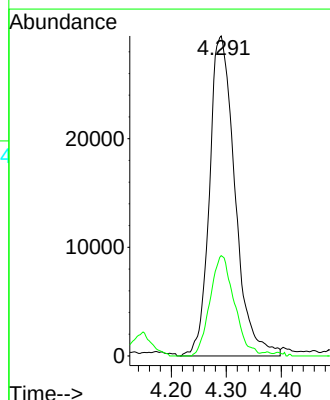
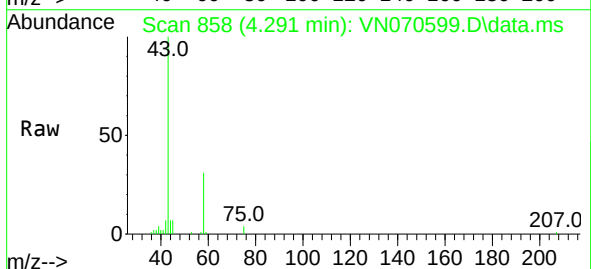
Instrument :
MSVOA_N
ClientSampleId :
PB141975ZHE#06

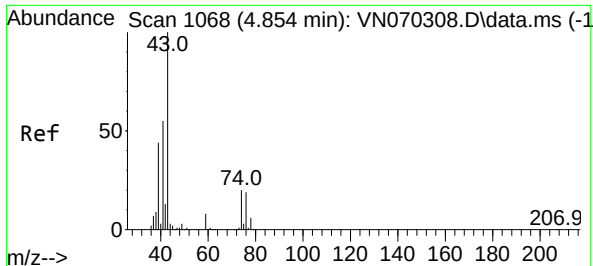
Tgt Ion:168 Resp: 779871
Ion Ratio Lower Upper
168 100
99 58.4 41.3 61.9



#16
Acetone
Concen: 13.020 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070599.D
Acq: 12 Jan 2022 20:39

Tgt Ion: 43 Resp: 94770
Ion Ratio Lower Upper
43 100
58 31.3 23.1 34.7





#18

Methyl Acetate

Concen: 2.751 ug/l

RT: 4.859 min Scan# 110

Delta R.T. 0.005 min

Lab File: VN070599.D

Acq: 12 Jan 2022 20:39

Instrument :

MSVOA_N

ClientSampleId :

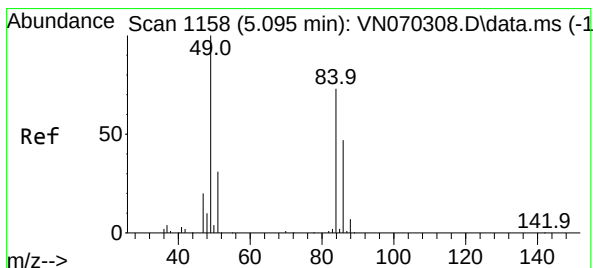
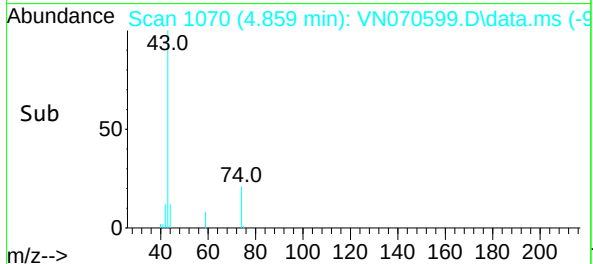
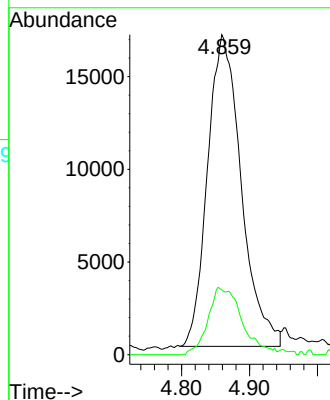
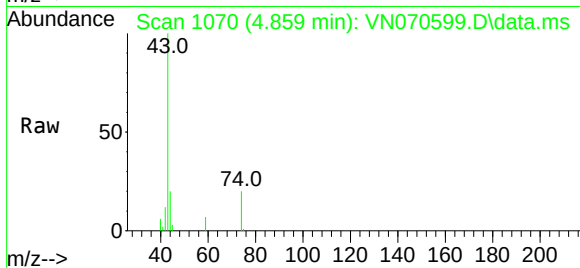
PB141975ZHE#06

Tgt Ion: 43 Resp: 57917

Ion Ratio Lower Upper

43 100

74 21.7 19.4 29.2



#20

Methylene Chloride

Concen: 5.637 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.003 min

Lab File: VN070599.D

Acq: 12 Jan 2022 20:39

Tgt Ion: 84 Resp: 56766

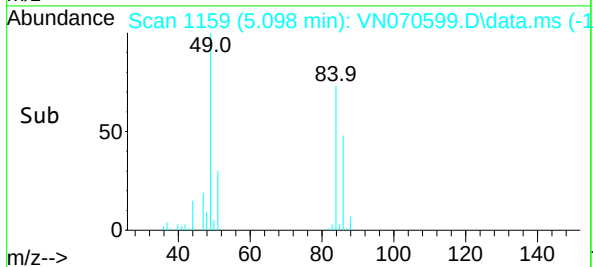
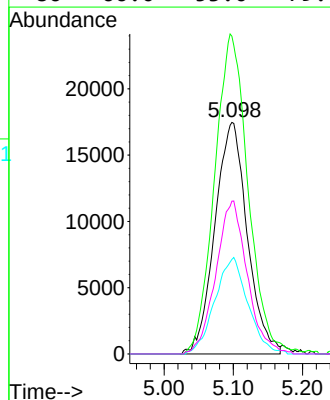
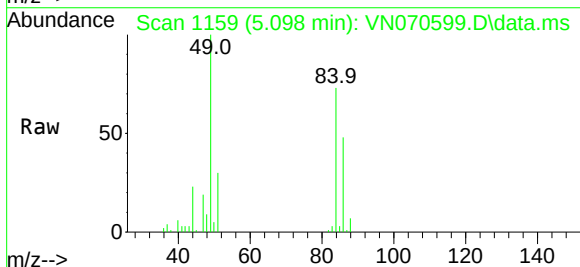
Ion Ratio Lower Upper

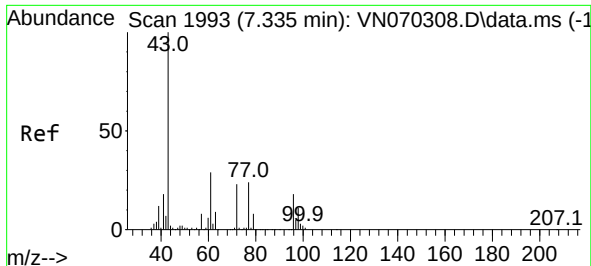
84 100

49 137.2 93.5 140.3

51 40.9 29.4 44.2

86 66.0 53.0 79.4

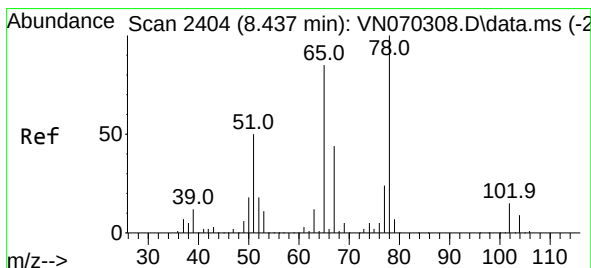
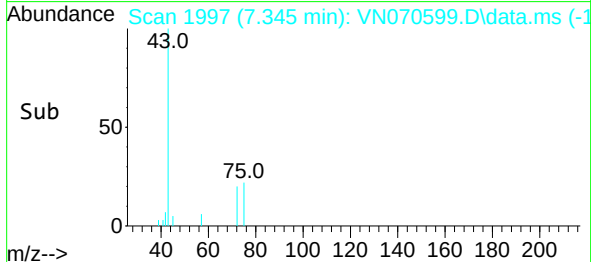
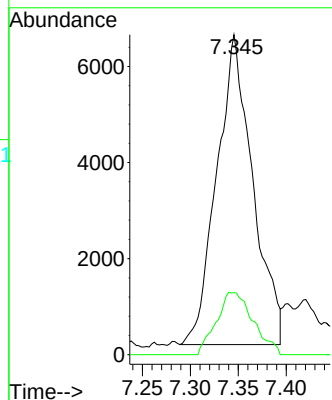
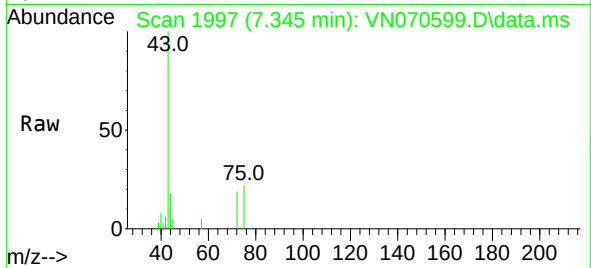




#25
2-Butanone
Concen: 1.838 ug/l
RT: 7.345 min Scan# 1993
Delta R.T. 0.010 min
Lab File: VN070599.D
Acq: 12 Jan 2022 20:39

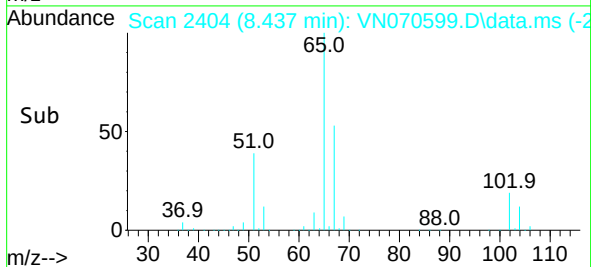
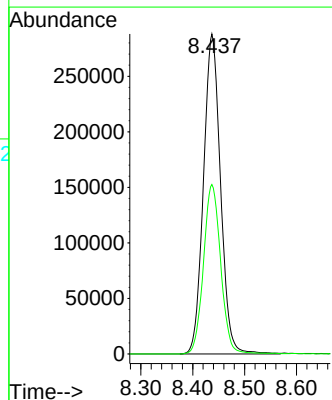
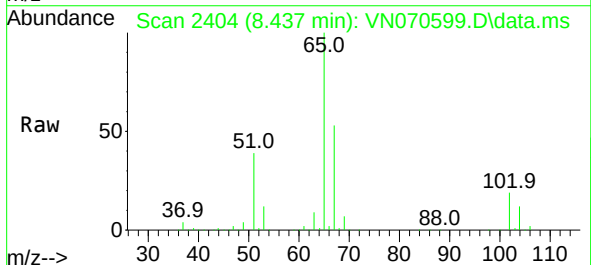
Instrument :
MSVOA_N
ClientSampleId :
PB141975ZHE#06

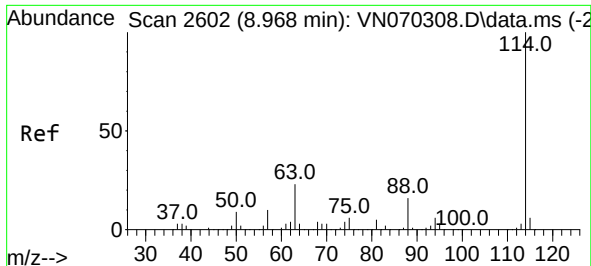
Tgt Ion: 43 Resp: 16842
Ion Ratio Lower Upper
43 100
72 20.1 21.7 32.5#



#33
1,2-Dichloroethane-d4
Concen: 58.672 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070599.D
Acq: 12 Jan 2022 20:39

Tgt Ion: 65 Resp: 657889
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: VN070599.D

Acq: 12 Jan 2022 20:39

Instrument :

MSVOA_N

ClientSampleId :

PB141975ZHE#06

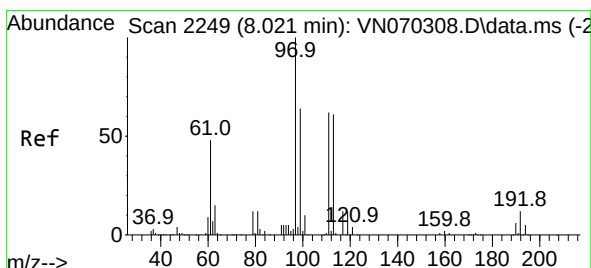
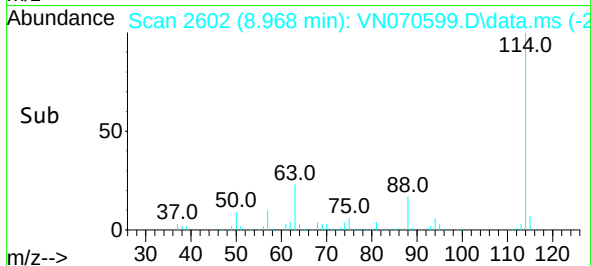
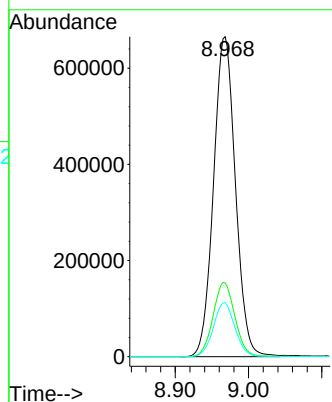
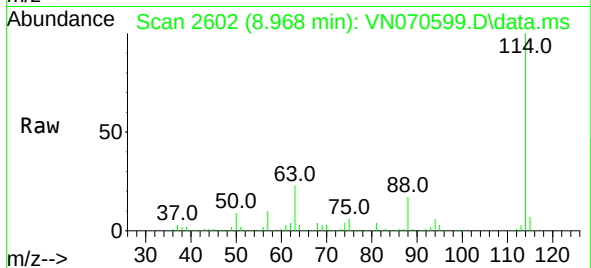
Tgt Ion:114 Resp: 1381842

Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

88 16.9 0.0 27.4



#35

Dibromofluoromethane

Concen: 55.012 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070599.D

Acq: 12 Jan 2022 20:39

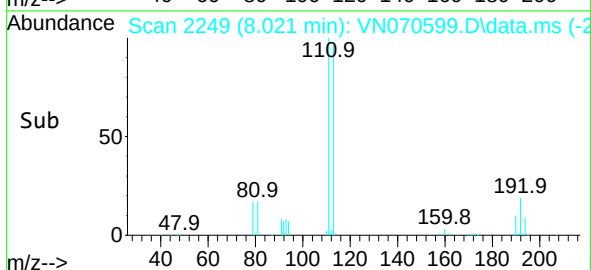
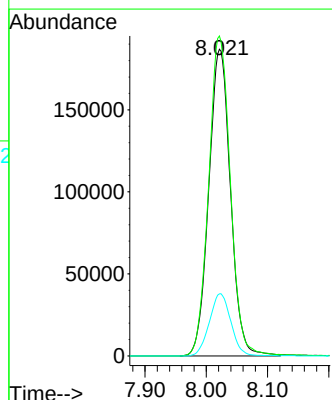
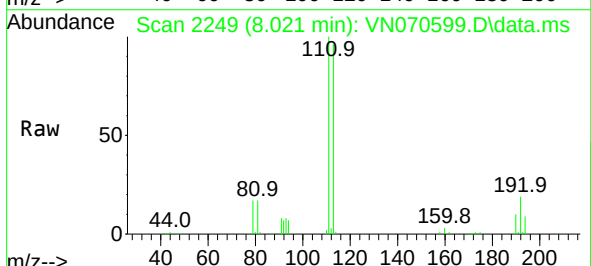
Tgt Ion:113 Resp: 459947

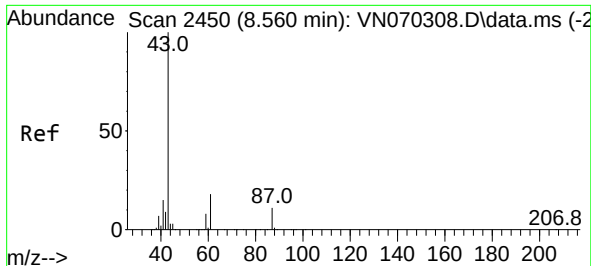
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.2

192 20.1 16.9 25.3

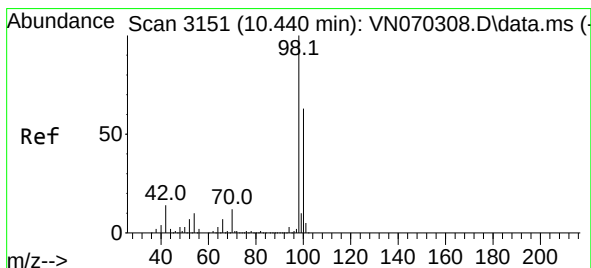
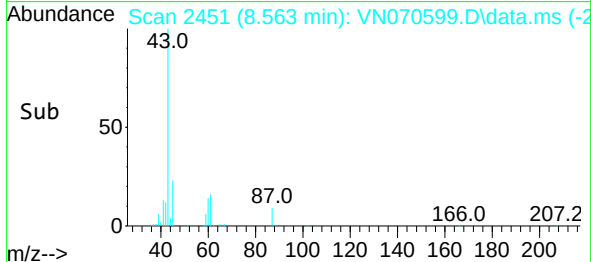
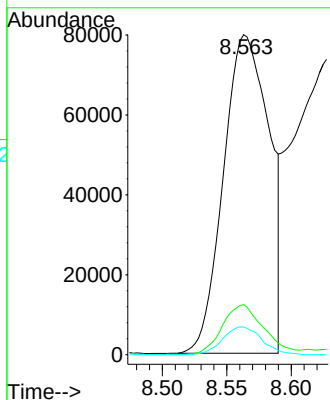
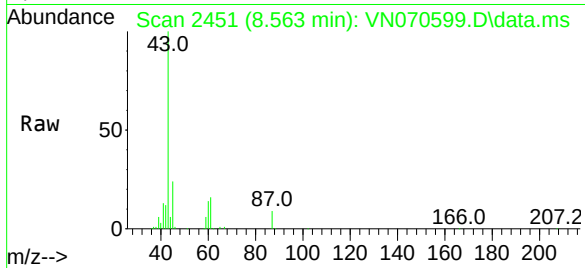




#43
Isopropyl Acetate
Concen: 6.949 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN070599.D
Acq: 12 Jan 2022 20:39

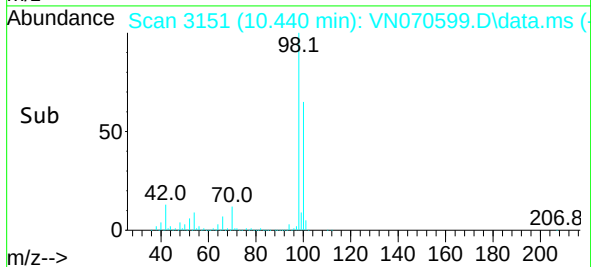
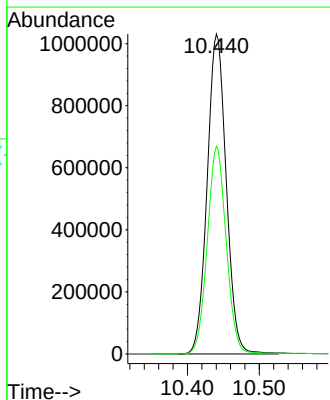
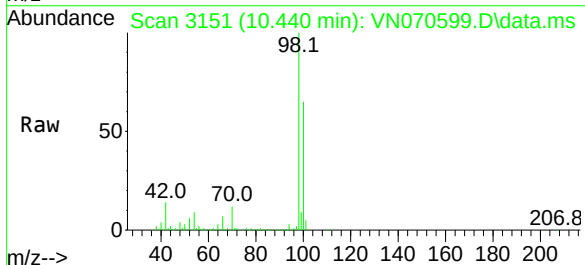
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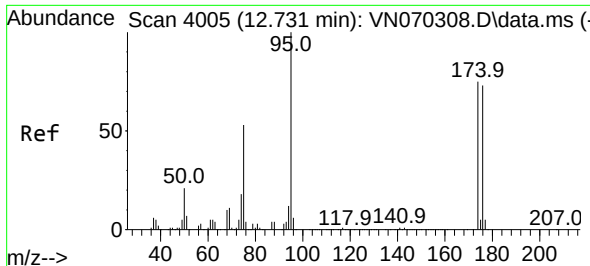
Tgt Ion: 43 Resp: 196420
Ion Ratio Lower Upper
43 100
61 14.4 20.4 30.6#
87 7.5 11.2 16.8#



#50
Toluene-d8
Concen: 55.493 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070599.D
Acq: 12 Jan 2022 20:39

Tgt Ion: 98 Resp: 1895371
Ion Ratio Lower Upper
98 100
100 64.5 50.4 75.6

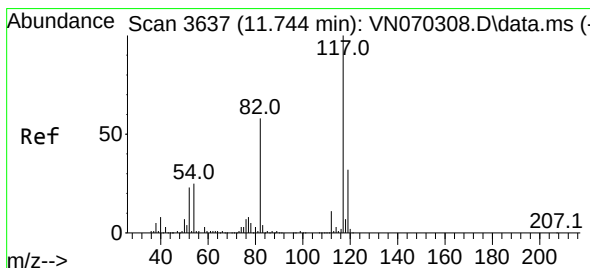
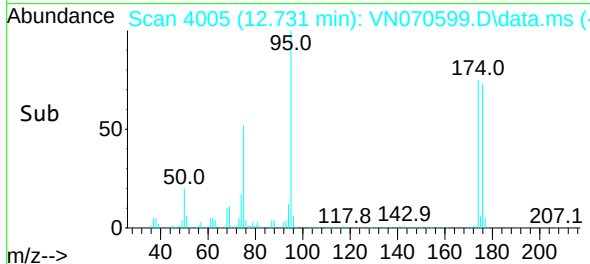
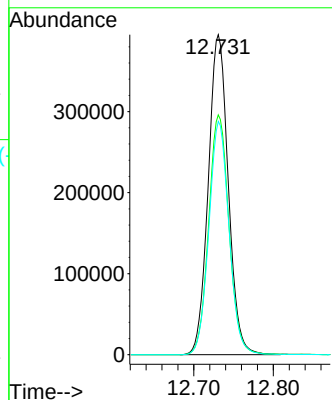
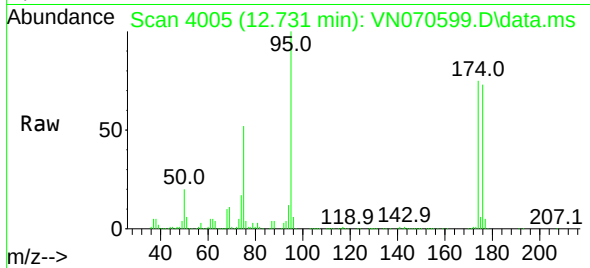




#62
4-Bromofluorobenzene
Concen: 55.994 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070599.D
Acq: 12 Jan 2022 20:39

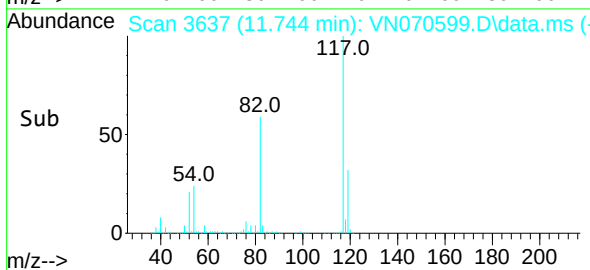
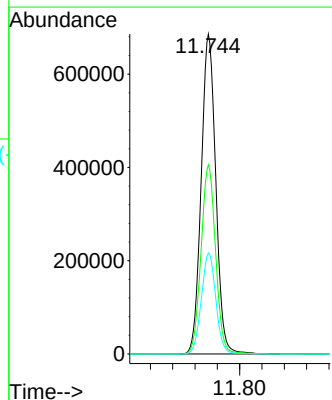
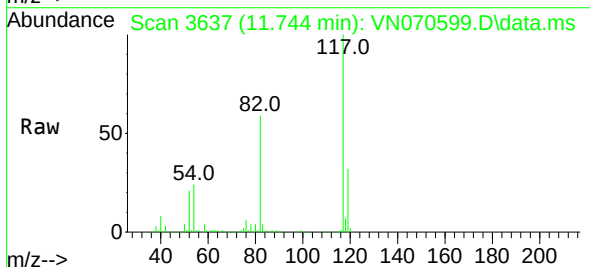
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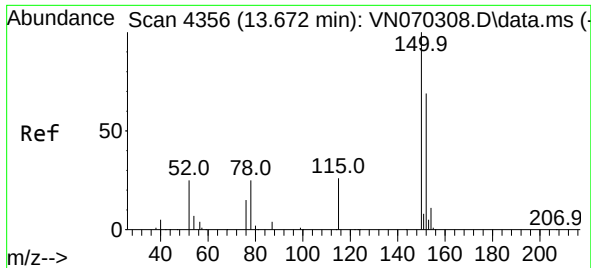
Tgt Ion: 95 Resp: 690740
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070599.D
Acq: 12 Jan 2022 20:39

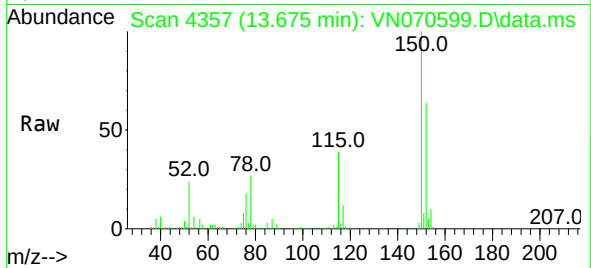
Tgt Ion: 117 Resp: 1244544
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 31.5 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070599.D
 Acq: 12 Jan 2022 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141975ZHE#06



Tgt Ion:152 Resp: 420956
 Ion Ratio Lower Upper
 152 100
 115 60.9 27.5 82.5
 150 157.9 0.0 344.4

