

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070588.D
 Acq On : 12 Jan 2022 16:01
 Operator : JC/MD
 Sample : N1097-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1D

Quant Time: Jan 13 04:27:06 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)

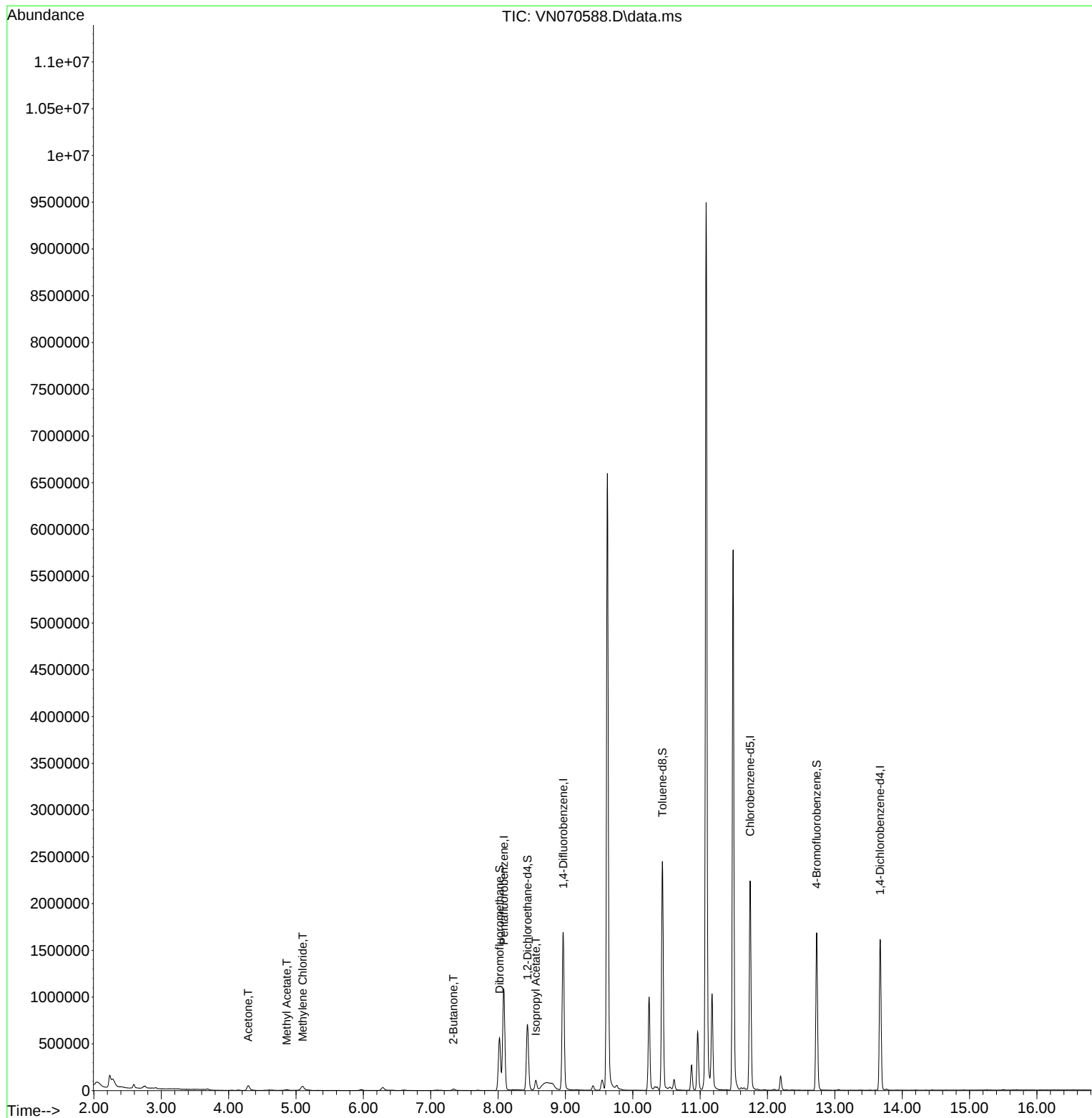
Internal Standards						
1) Pentafluorobenzene	8.086	168	847038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1459080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1303558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	463964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	590259	48.466	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.940%
35) Dibromofluoromethane	8.021	113	417043	47.240	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.480%
50) Toluene-d8	10.441	98	1695903	47.025	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.040%
62) 4-Bromofluorobenzene	12.731	95	628459	48.248	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.500%
Target Compounds						
					Qvalue	
16) Acetone	4.288	43	95688	12.103	ug/l	99
18) Methyl Acetate	4.865	43	18228	0.797	ug/l #	71
20) Methylene Chloride	5.101	84	31013	2.835	ug/l #	85
25) 2-Butanone	7.338	43	27748	2.787	ug/l #	88
43) Isopropyl Acetate	8.560	43	131027	4.390	ug/l #	86

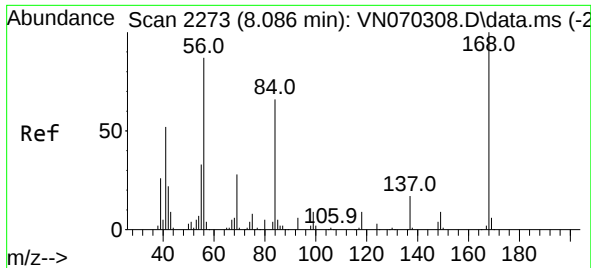
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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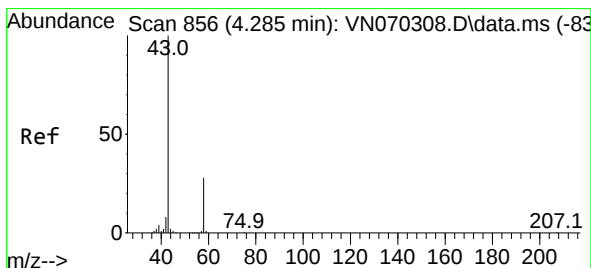
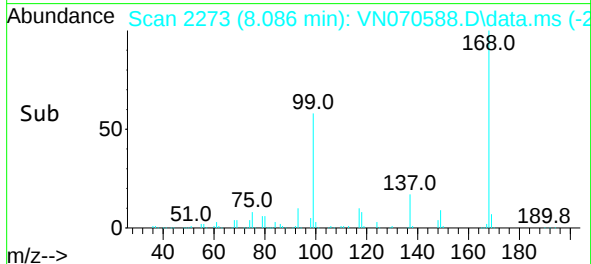
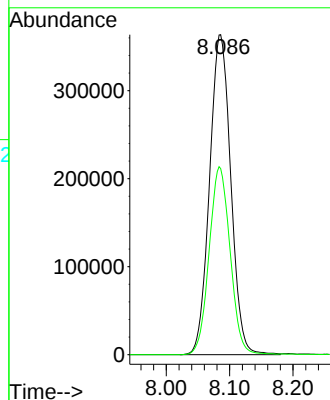
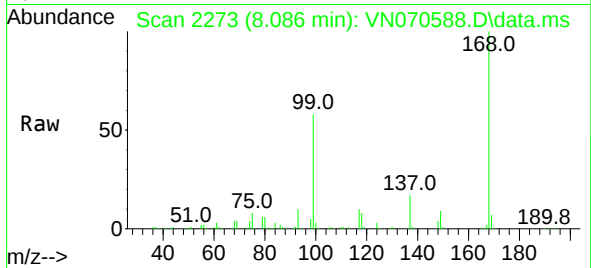




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070588.D
Acq: 12 Jan 2022 16:01

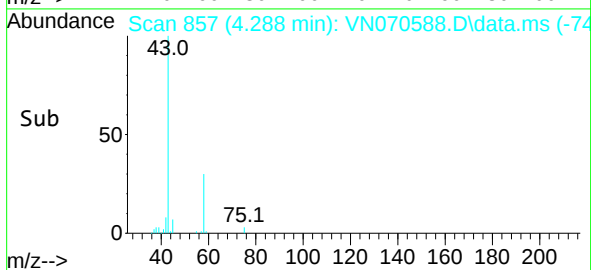
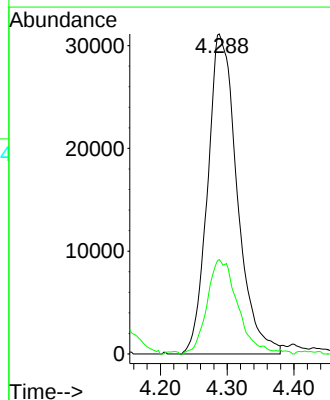
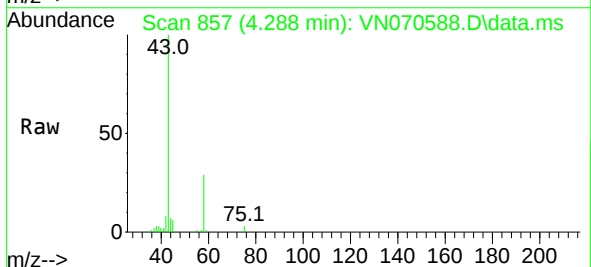
Instrument :
MSVOA_N
ClientSampleId :
TP-1D

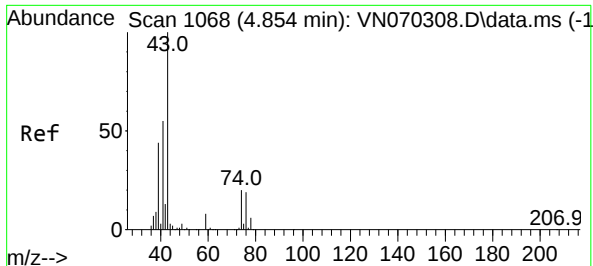
Tgt Ion:168 Resp: 847038
Ion Ratio Lower Upper
168 100
99 58.2 41.3 61.9



#16
Acetone
Concen: 12.103 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070588.D
Acq: 12 Jan 2022 16:01

Tgt Ion: 43 Resp: 95688
Ion Ratio Lower Upper
43 100
58 29.5 23.1 34.7





#18

Methyl Acetate

Concen: 0.797 ug/l

RT: 4.865 min Scan# 1160

Delta R.T. 0.011 min

Lab File: VN070588.D

Acq: 12 Jan 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

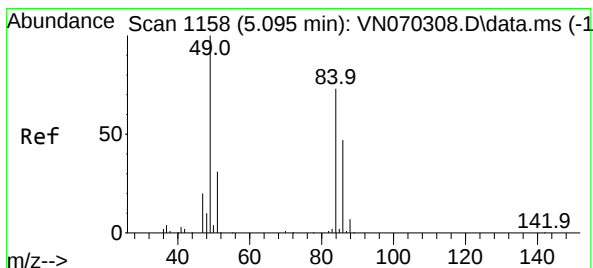
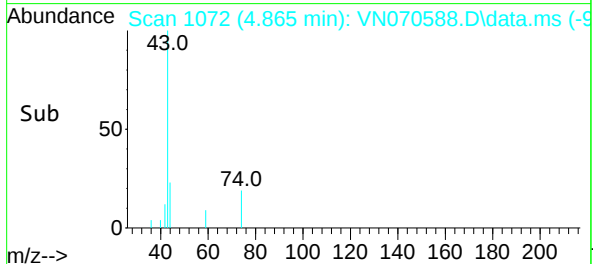
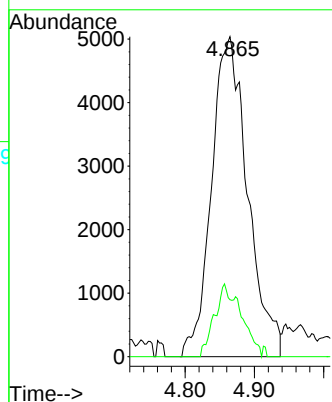
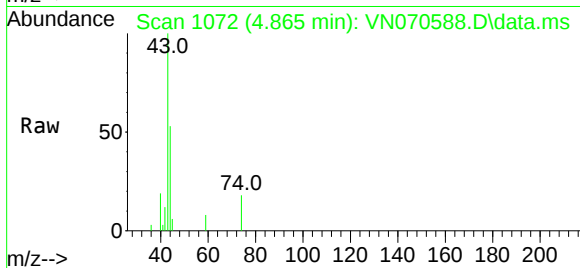
TP-1D

Tgt Ion: 43 Resp: 18228

Ion Ratio Lower Upper

43 100

74 10.1 19.4 29.2#



#20

Methylene Chloride

Concen: 2.835 ug/l

RT: 5.101 min Scan# 1160

Delta R.T. 0.006 min

Lab File: VN070588.D

Acq: 12 Jan 2022 16:01

Tgt Ion: 84 Resp: 31013

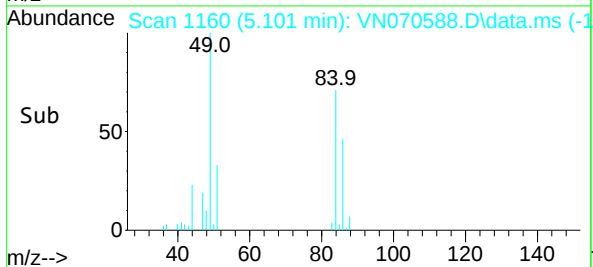
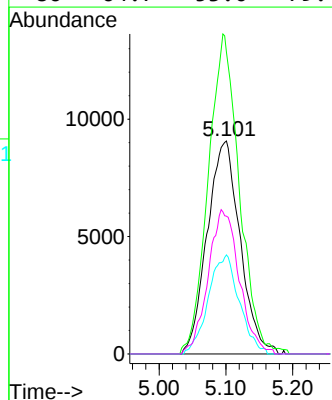
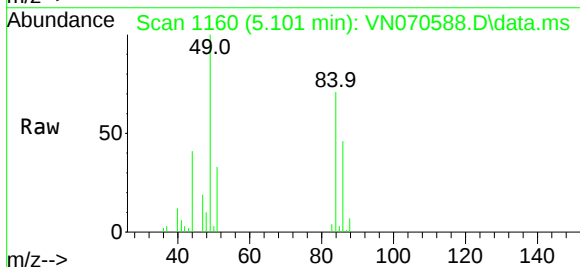
Ion Ratio Lower Upper

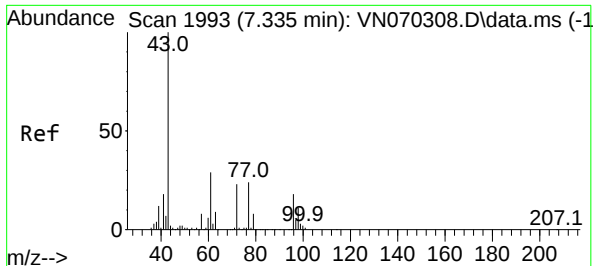
84 100

49 141.7 93.5 140.3#

51 46.5 29.4 44.2#

86 64.7 53.0 79.4





#25

2-Butanone

Concen: 2.787 ug/l

RT: 7.338 min Scan# 1993

Delta R.T. 0.003 min

Lab File: VN070588.D

Acq: 12 Jan 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

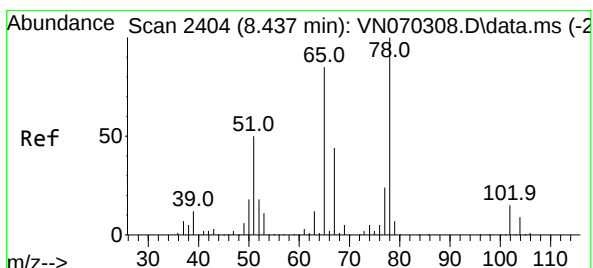
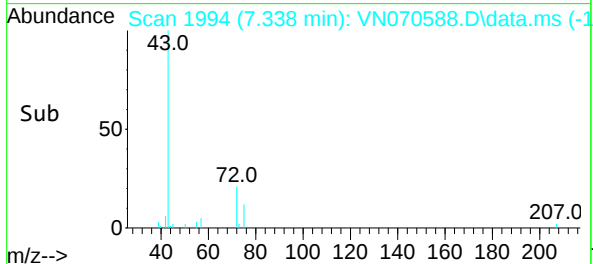
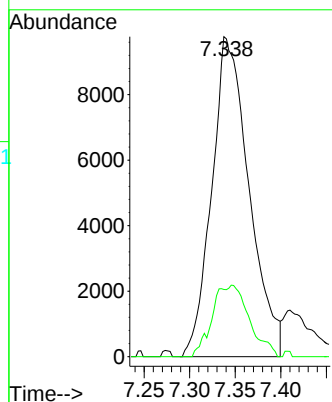
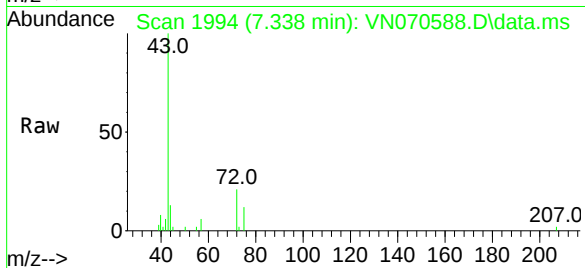
TP-1D

Tgt Ion: 43 Resp: 27748

Ion Ratio Lower Upper

43 100

72 21.0 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 48.466 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070588.D

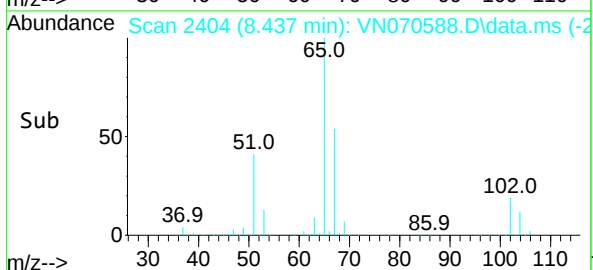
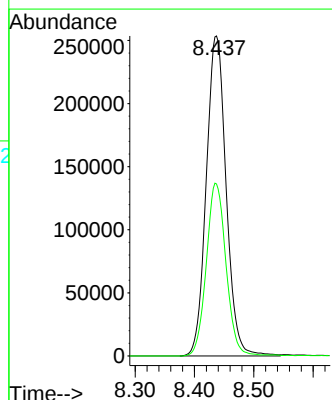
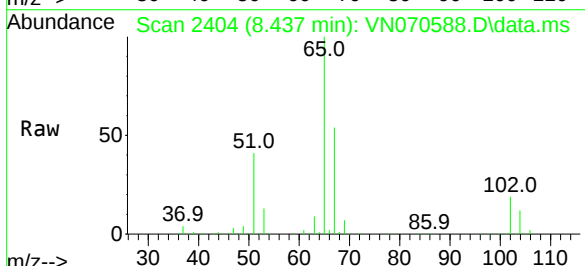
Acq: 12 Jan 2022 16:01

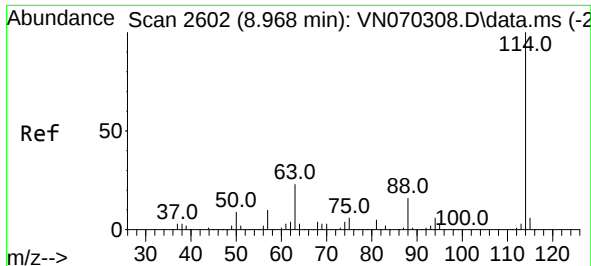
Tgt Ion: 65 Resp: 590259

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.0

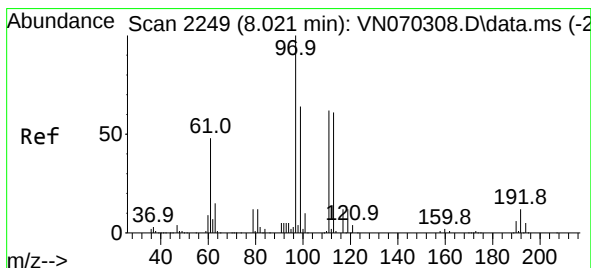
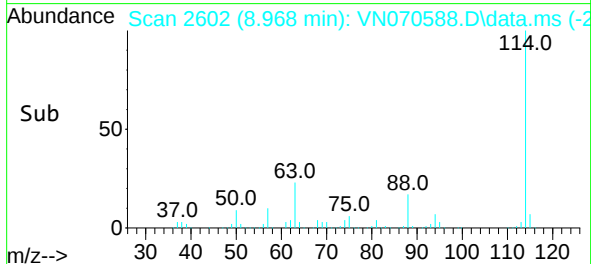
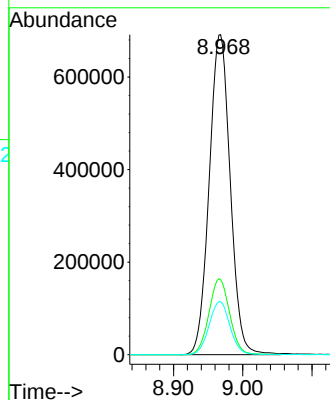
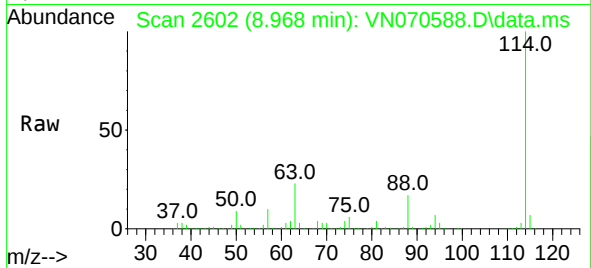




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070588.D
Acq: 12 Jan 2022 16:01

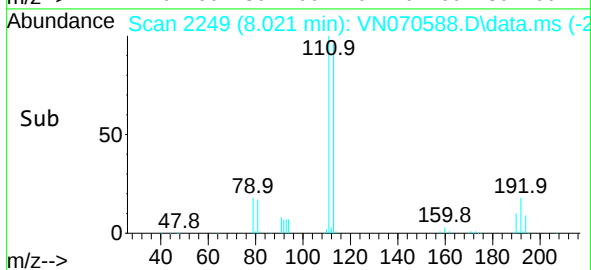
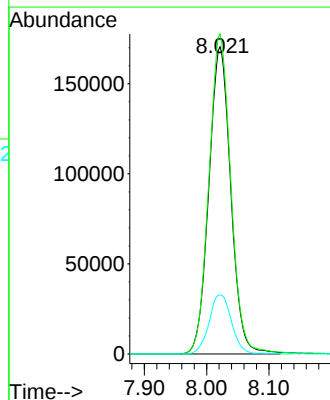
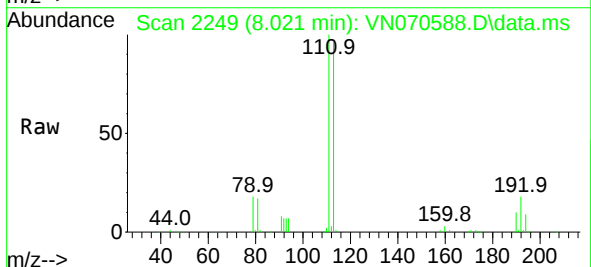
Instrument :
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ClientSampleId :
TP-1D

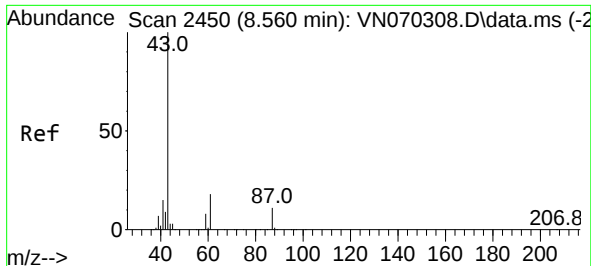
Tgt Ion:114 Resp: 1459080
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.240 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070588.D
Acq: 12 Jan 2022 16:01

Tgt Ion:113 Resp: 417043
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.2
192 19.7 16.9 25.3

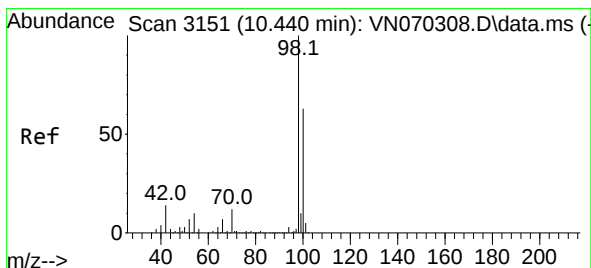
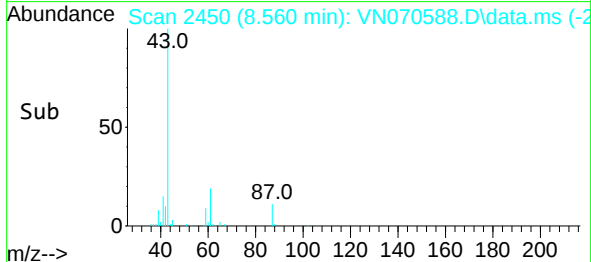
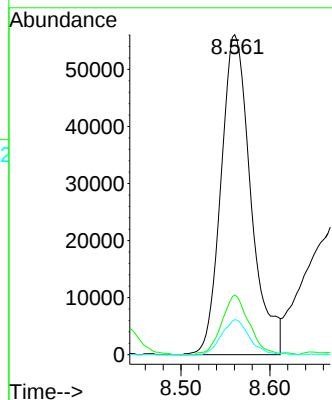
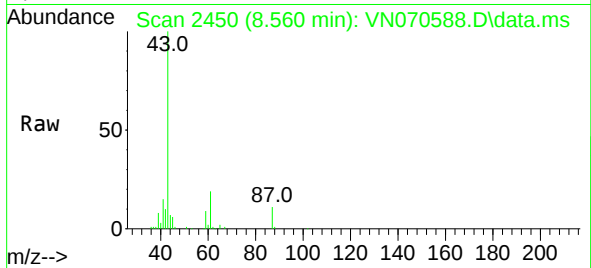




#43
Isopropyl Acetate
Concen: 4.390 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070588.D
Acq: 12 Jan 2022 16:01

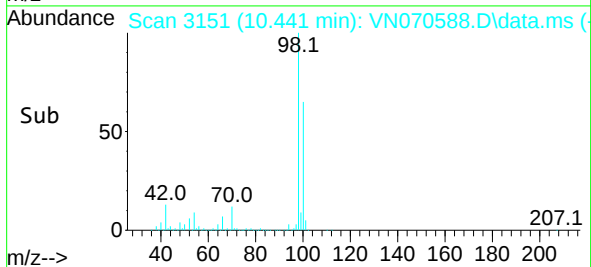
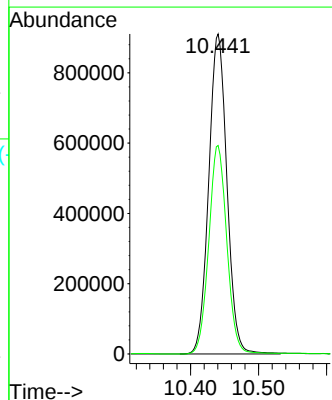
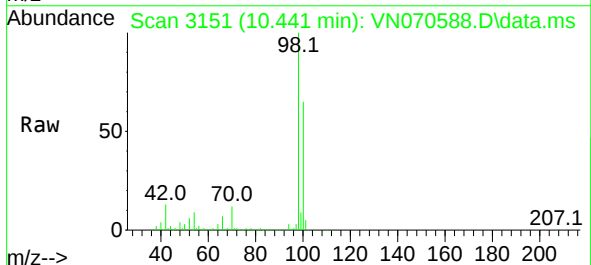
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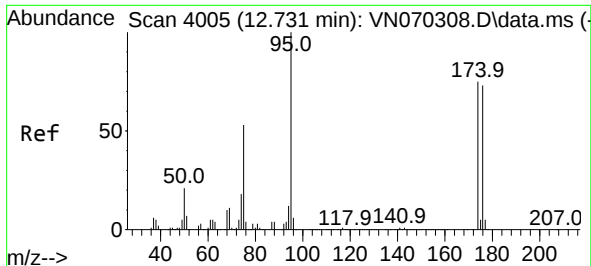
Tgt Ion: 43 Resp: 131027
Ion Ratio Lower Upper
43 100
61 17.0 20.4 30.6#
87 10.0 11.2 16.8#



#50
Toluene-d8
Concen: 47.025 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070588.D
Acq: 12 Jan 2022 16:01

Tgt Ion: 98 Resp: 1695903
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6

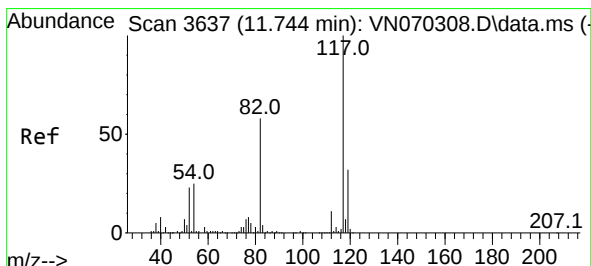
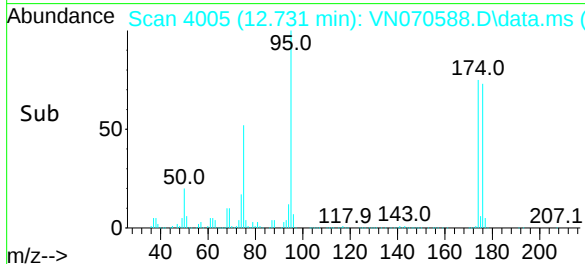
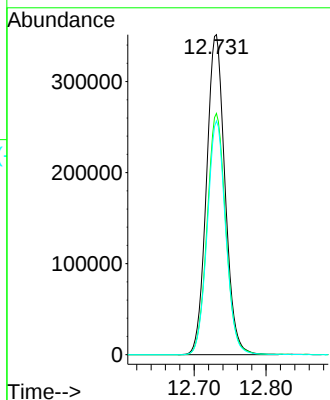
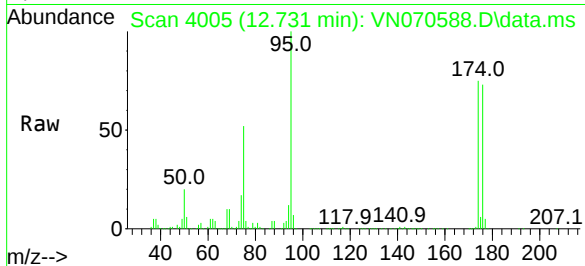




#62
4-Bromofluorobenzene
Concen: 48.248 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070588.D
Acq: 12 Jan 2022 16:01

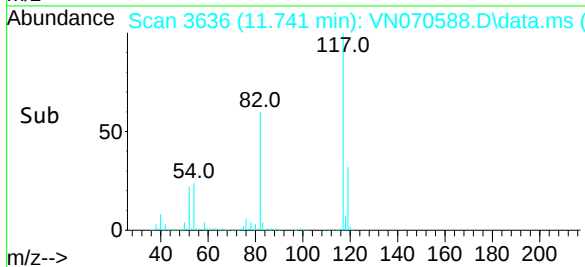
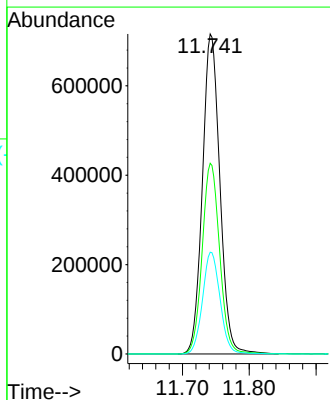
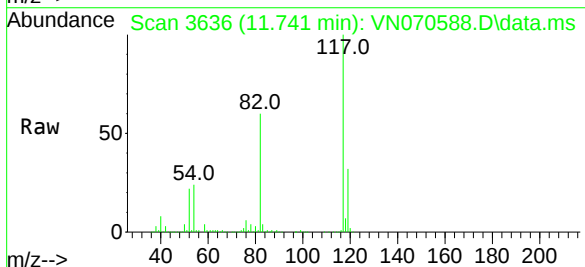
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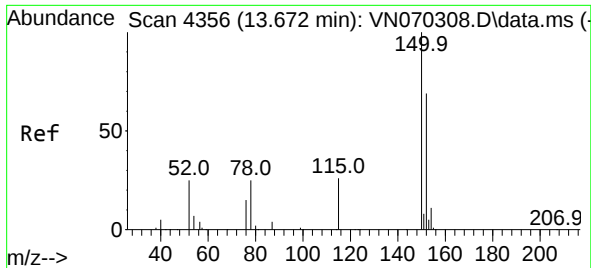
Tgt Ion: 95 Resp: 628459
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 72.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070588.D
Acq: 12 Jan 2022 16:01

Tgt Ion: 117 Resp: 1303558
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.8 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.672 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070588.D
 Acq: 12 Jan 2022 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1D

Tgt Ion:152 Resp: 463964
 Ion Ratio Lower Upper
 152 100
 115 60.2 27.5 82.5
 150 156.1 0.0 344.4

