

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070593.D
 Acq On : 12 Jan 2022 18:07
 Operator : JC/MD
 Sample : PB141975TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141975TB

Quant Time: Jan 13 04:27:56 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)

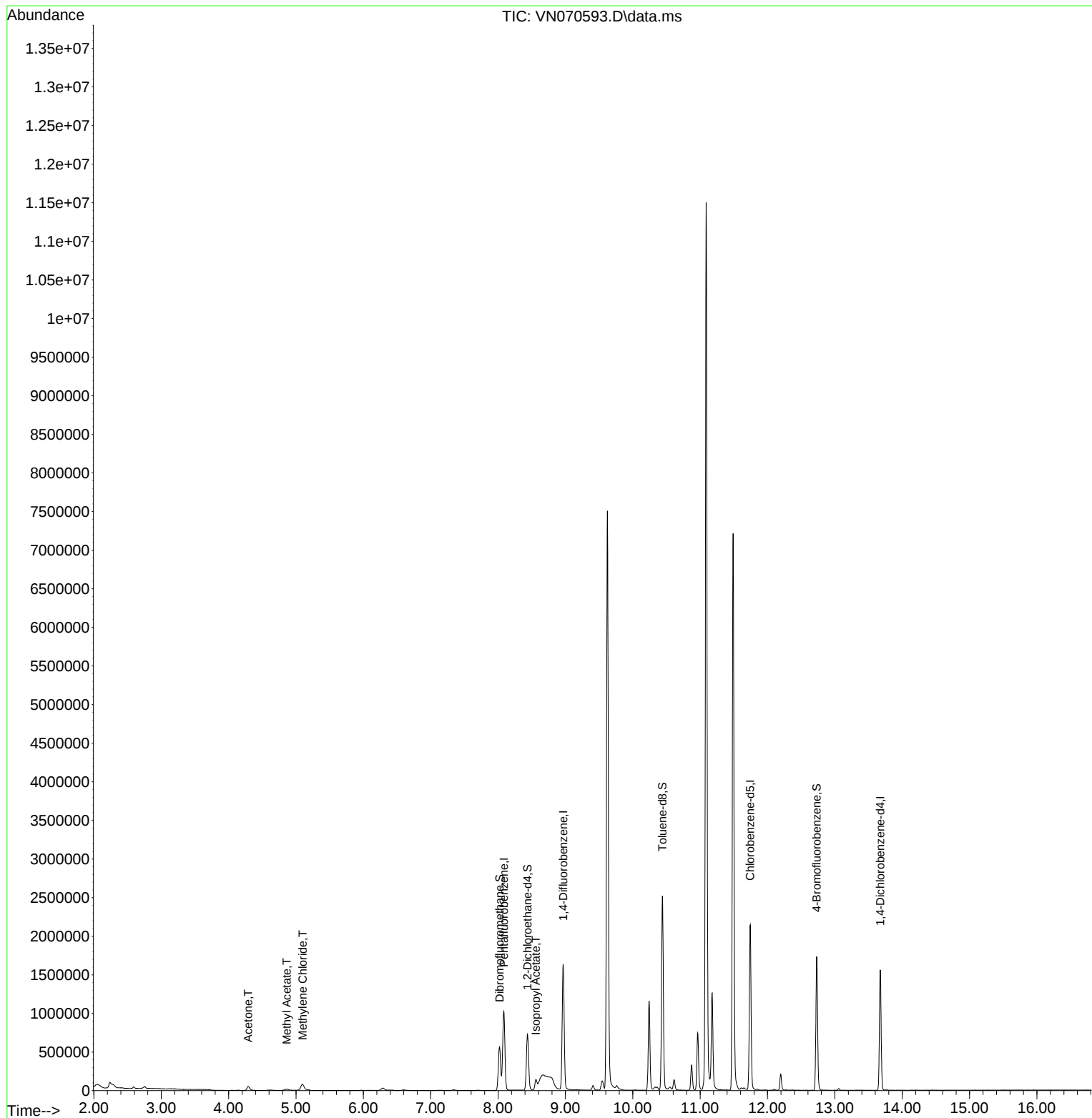
Internal Standards						
1) Pentafluorobenzene	8.086	168	800312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1402283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1237816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	429053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	605212	52.595	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.200%
35) Dibromofluoromethane	8.021	113	431684	50.879	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.760%
50) Toluene-d8	10.440	98	1741975	50.259	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.520%
62) 4-Bromofluorobenzene	12.731	95	644382	51.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.940%
Target Compounds						
						Qvalue
16) Acetone	4.288	43	94535	12.656	ug/l	94
18) Methyl Acetate	4.865	43	38961	1.803	ug/l #	88
20) Methylene Chloride	5.101	84	57146	5.529	ug/l	88
43) Isopropyl Acetate	8.560	43	171352	5.974	ug/l #	82

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

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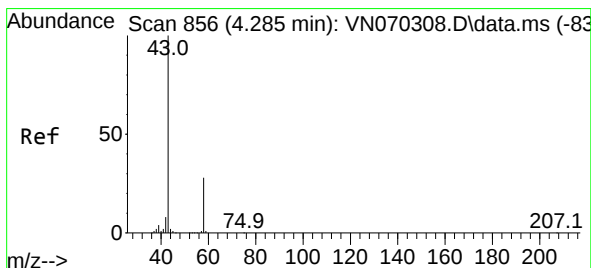
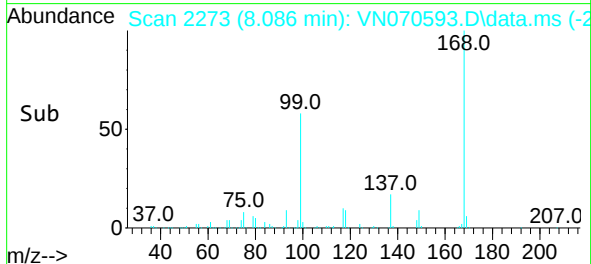
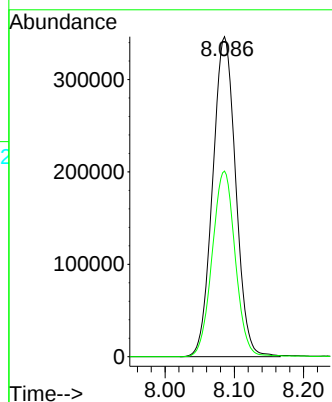
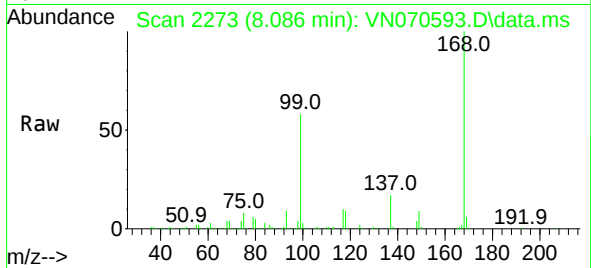




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

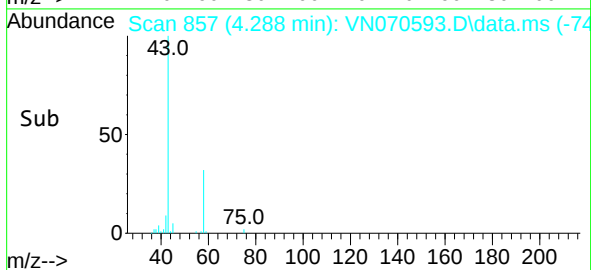
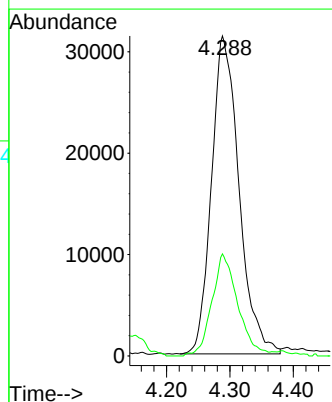
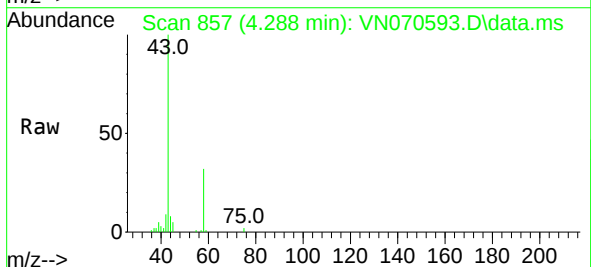
Instrument :
MSVOA_N
ClientSampleId :
PB141975TB

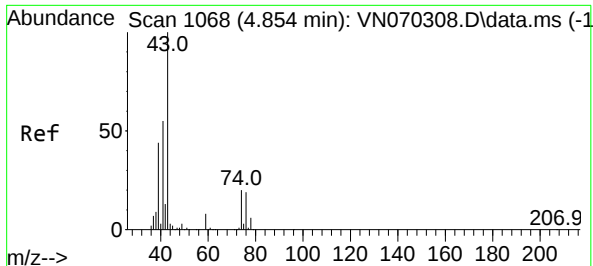
Tgt Ion:168 Resp: 800312
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9



#16
Acetone
Concen: 12.656 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Tgt Ion: 43 Resp: 94535
Ion Ratio Lower Upper
43 100
58 32.1 23.1 34.7

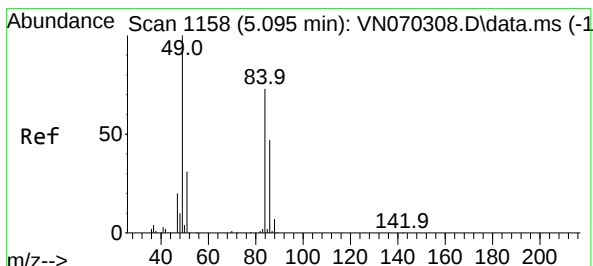
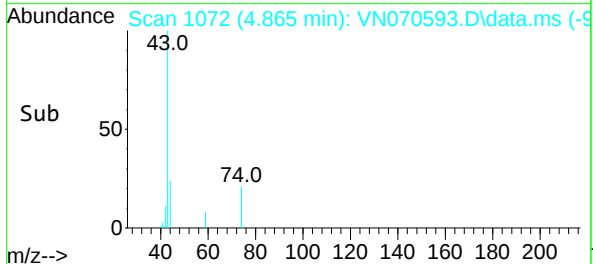
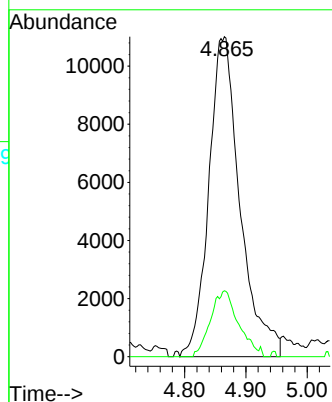
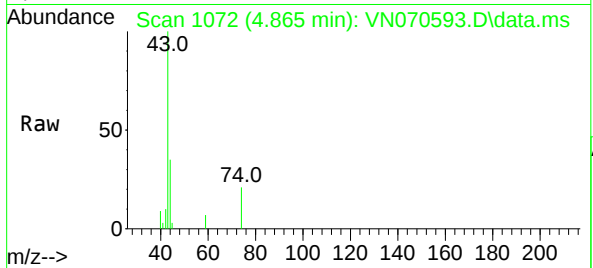




#18
Methyl Acetate
Concen: 1.803 ug/l
RT: 4.865 min Scan# 110
Delta R.T. 0.011 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

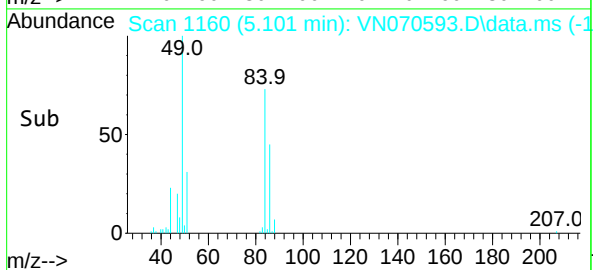
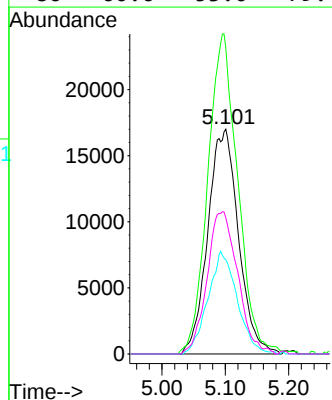
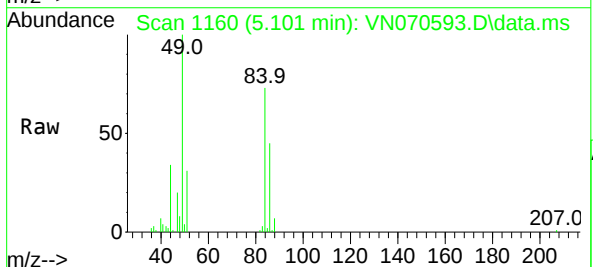
Instrument :
MSVOA_N
ClientSampleId :
PB141975TB

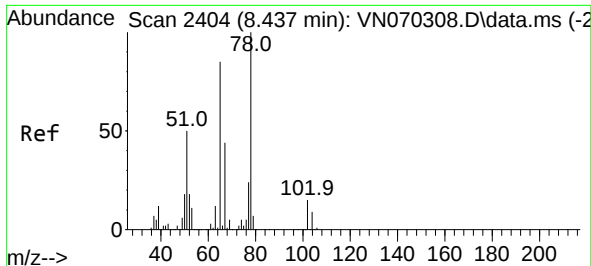
Tgt Ion: 43 Resp: 38961
Ion Ratio Lower Upper
43 100
74 18.6 19.4 29.2#



#20
Methylene Chloride
Concen: 5.529 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Tgt Ion: 84 Resp: 57146
Ion Ratio Lower Upper
84 100
49 135.0 93.5 140.3
51 41.9 29.4 44.2
86 60.6 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 52.595 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070593.D

Acq: 12 Jan 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

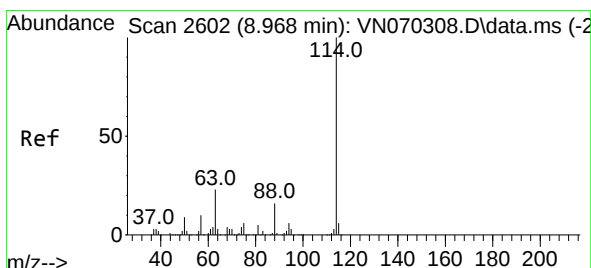
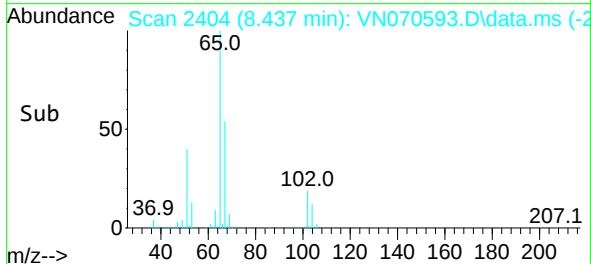
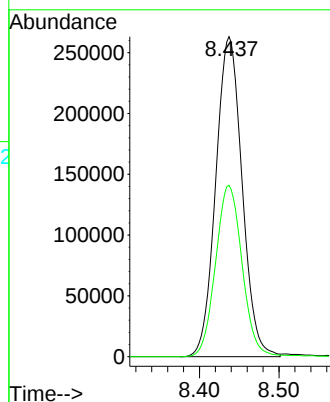
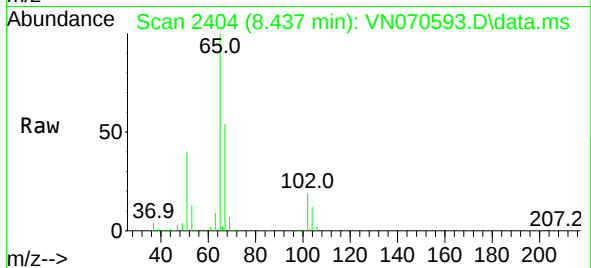
PB141975TB

Tgt Ion: 65 Resp: 605212

Ion Ratio Lower Upper

65 100

67 54.0 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: VN070593.D

Acq: 12 Jan 2022 18:07

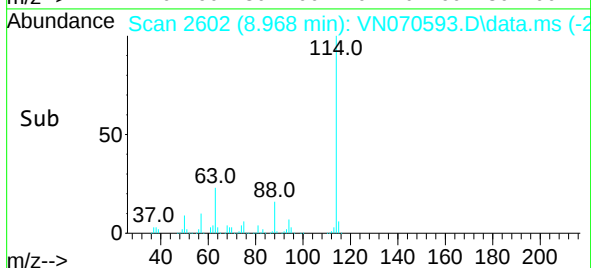
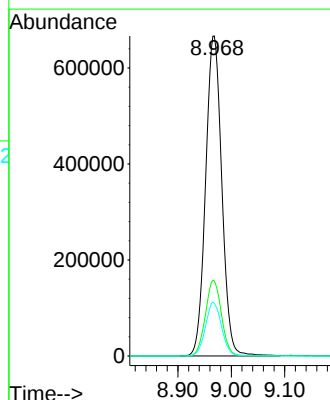
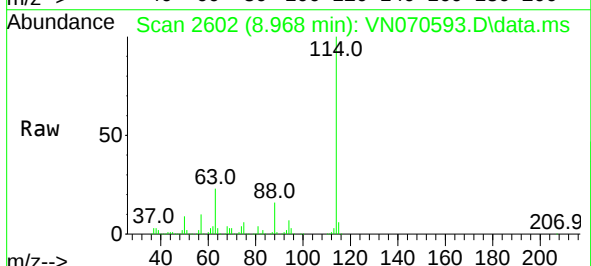
Tgt Ion: 114 Resp: 1402283

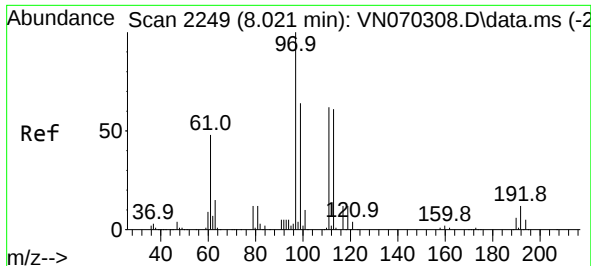
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

88 16.4 0.0 27.4

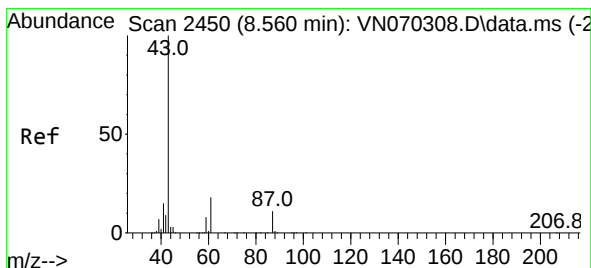
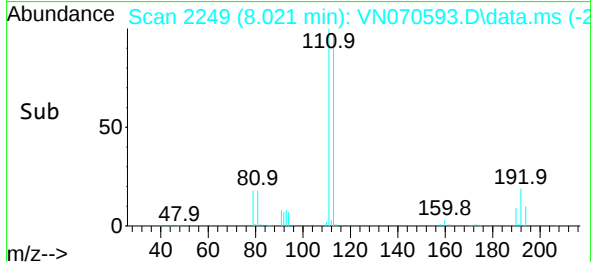
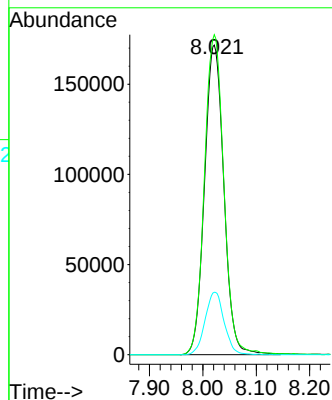
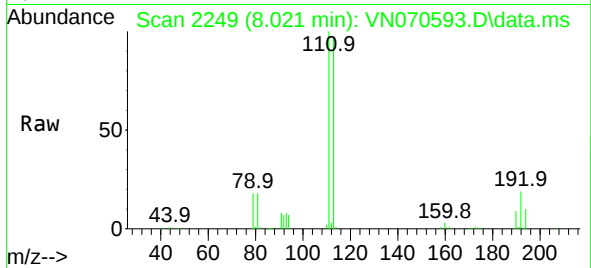




#35
Dibromofluoromethane
Concen: 50.879 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

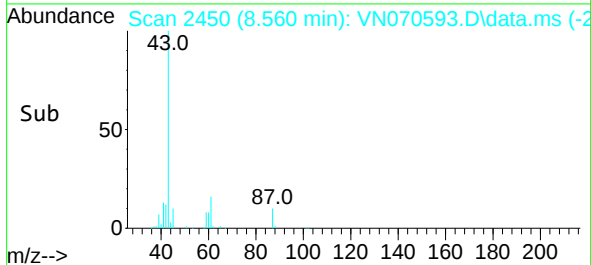
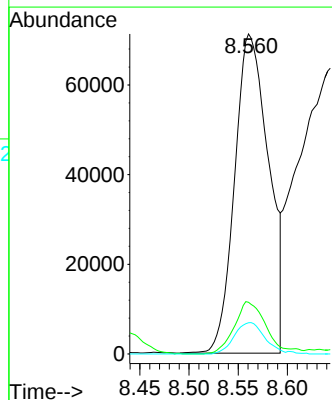
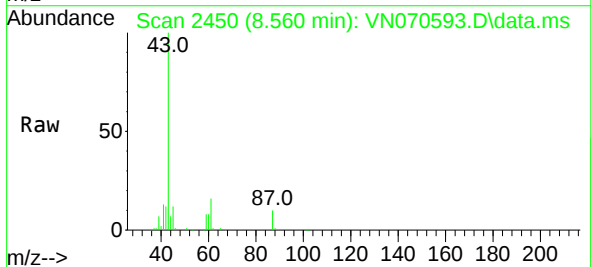
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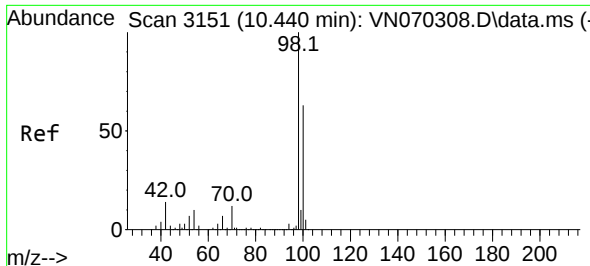
Tgt Ion:113 Resp: 431684
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.9 16.9 25.3



#43
Isopropyl Acetate
Concen: 5.974 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Tgt Ion: 43 Resp: 171352
Ion Ratio Lower Upper
43 100
61 15.1 20.4 30.6#
87 8.7 11.2 16.8#

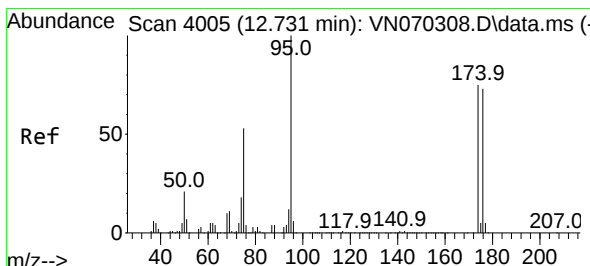
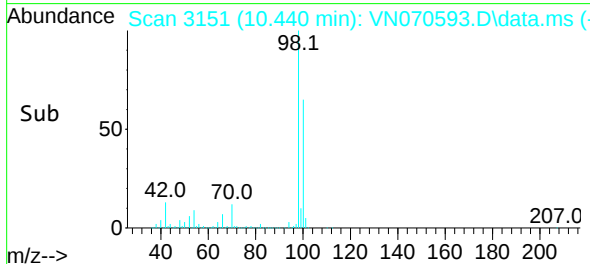
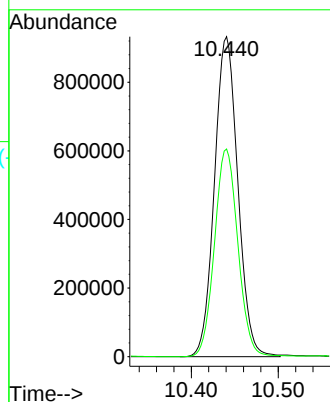
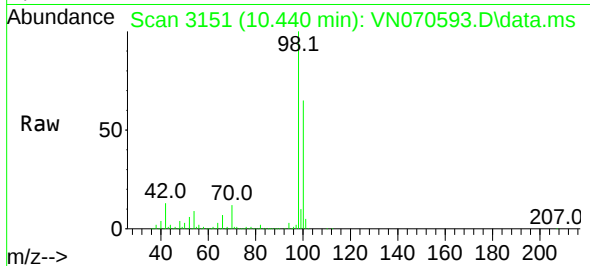




#50
Toluene-d8
Concen: 50.259 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

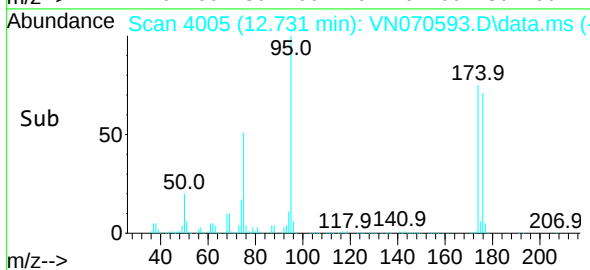
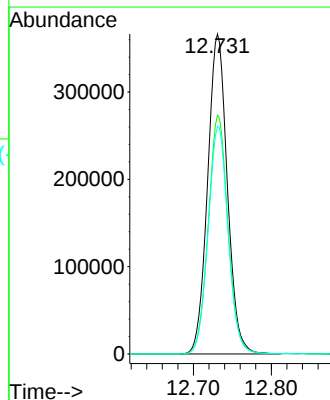
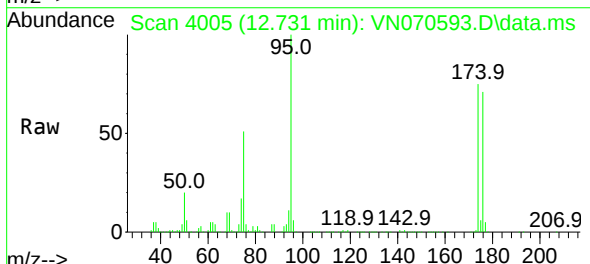
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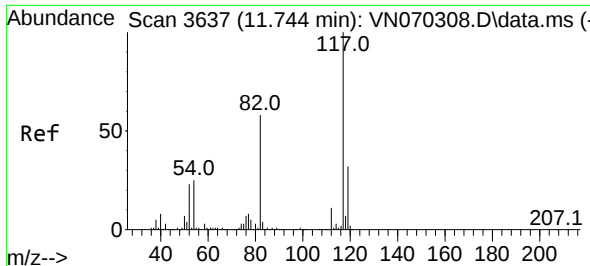
Tgt Ion: 98 Resp: 1741975
Ion Ratio Lower Upper
98 100
100 65.1 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.474 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Tgt Ion: 95 Resp: 644382
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 72.0 0.0 181.4

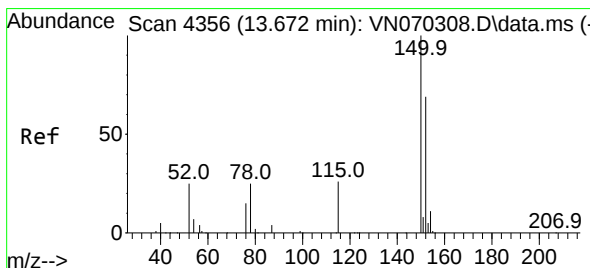
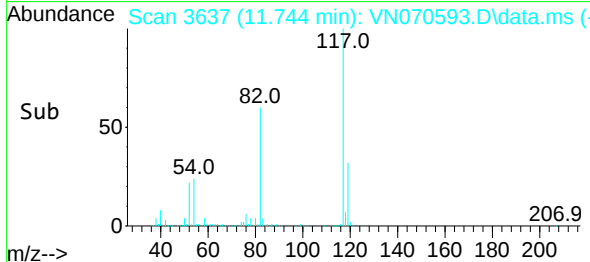
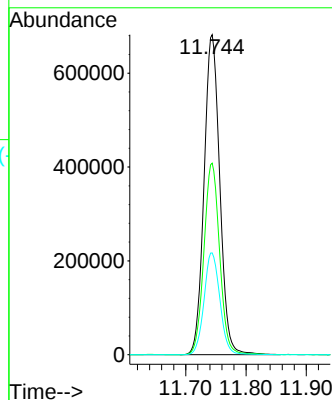
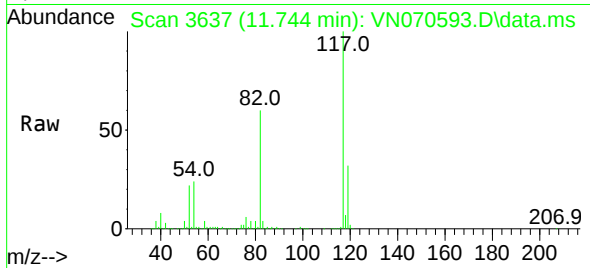




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Instrument :
MSVOA_N
ClientSampleId :
PB141975TB

Tgt Ion:117 Resp: 1237816
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.8 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: VN070593.D
Acq: 12 Jan 2022 18:07

Tgt Ion:152 Resp: 429053
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 158.8 0.0 344.4

