

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070597.D
 Acq On : 12 Jan 2022 19:49
 Operator : JC/MD
 Sample : PB141975ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141975ZHE#04

Quant Time: Jan 13 04:28:36 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)

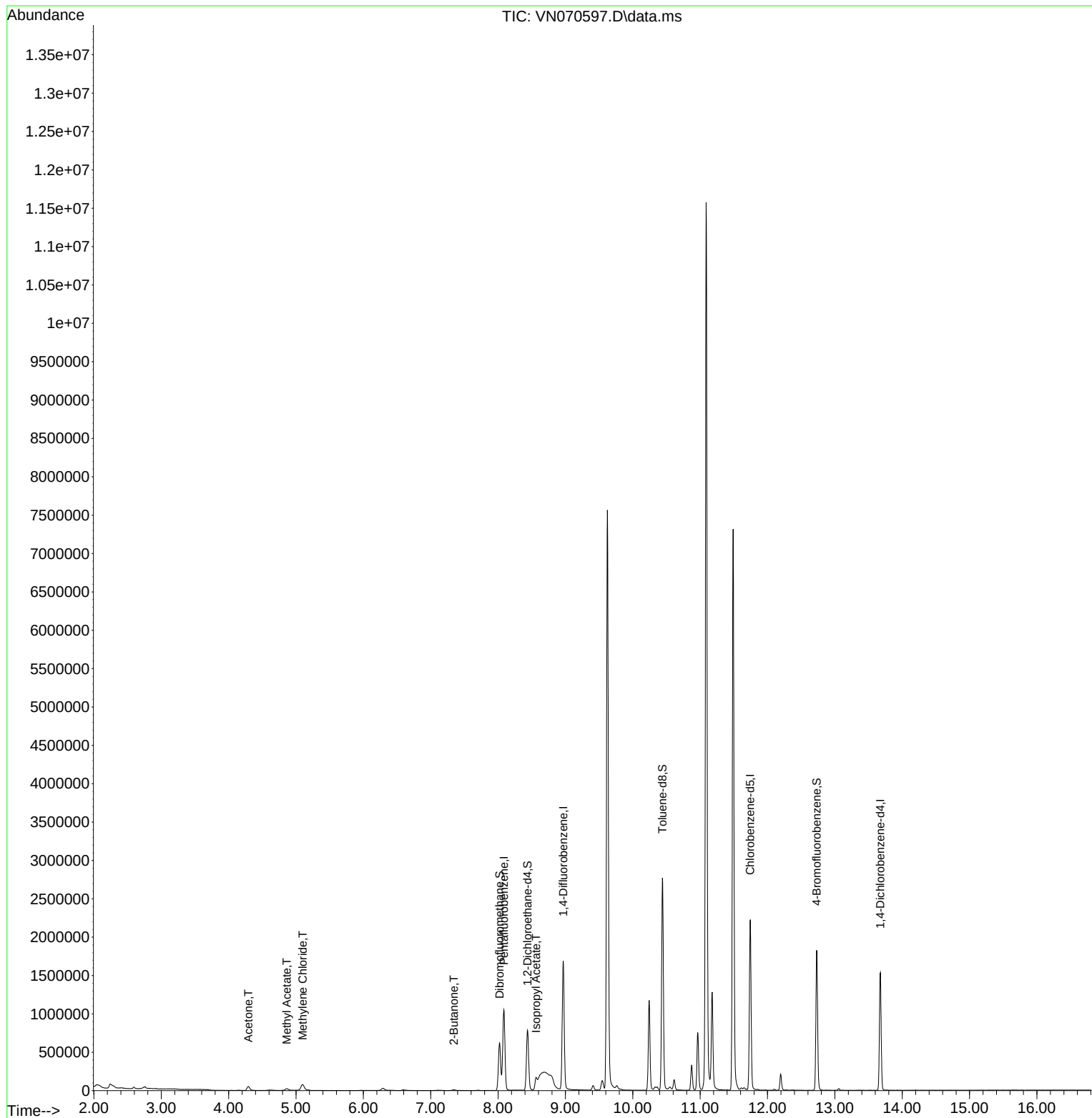
Internal Standards						
1) Pentafluorobenzene	8.086	168	813569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1446193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1278210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	429597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	650945	55.648	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.300%
35) Dibromofluoromethane	8.024	113	464519	53.087	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.180%
50) Toluene-d8	10.440	98	1895872	53.038	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.080%
62) 4-Bromofluorobenzene	12.731	95	672376	52.080	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.160%
Target Compounds						
						Qvalue
16) Acetone	4.293	43	94328	12.422	ug/l	97
18) Methyl Acetate	4.864	43	52059	2.370	ug/l #	88
20) Methylene Chloride	5.098	84	58248	5.544	ug/l	90
25) 2-Butanone	7.343	43	16982	1.776	ug/l	93
43) Isopropyl Acetate	8.563	43	196944	6.658	ug/l #	80

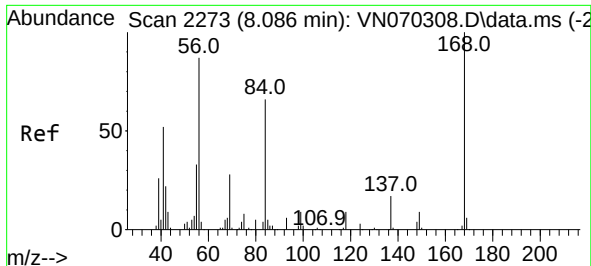
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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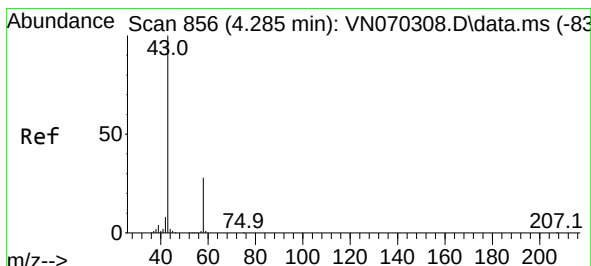
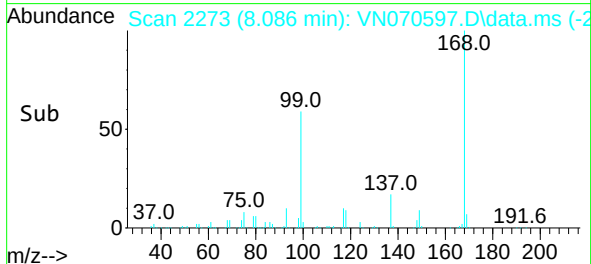
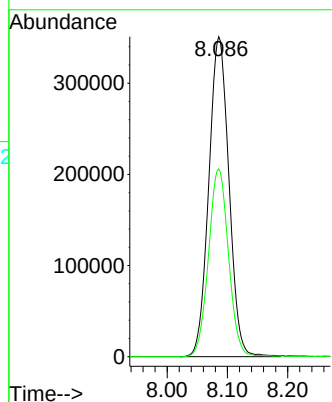
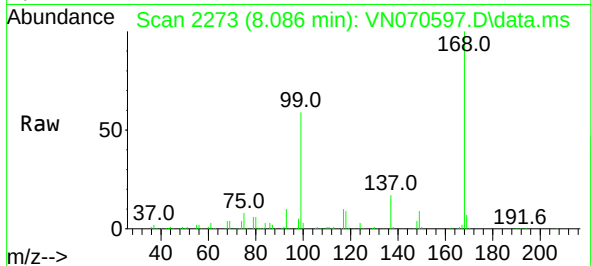




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070597.D
Acq: 12 Jan 2022 19:49

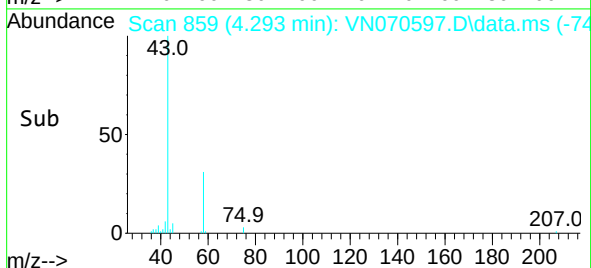
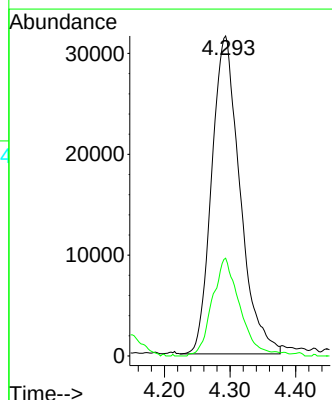
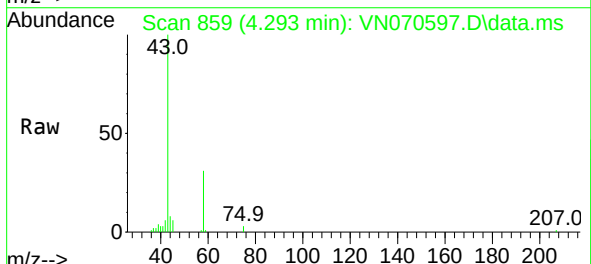
Instrument :
MSVOA_N
ClientSampleId :
PB141975ZHE#04

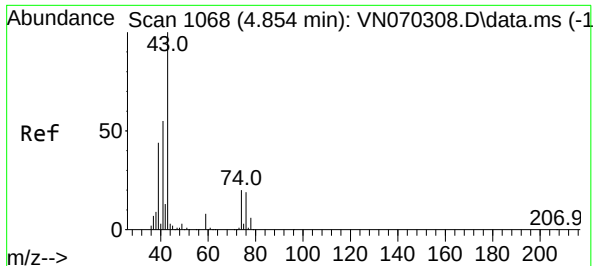
Tgt Ion:168 Resp: 813569
Ion Ratio Lower Upper
168 100
99 58.7 41.3 61.9



#16
Acetone
Concen: 12.422 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070597.D
Acq: 12 Jan 2022 19:49

Tgt Ion: 43 Resp: 94328
Ion Ratio Lower Upper
43 100
58 30.7 23.1 34.7





#18

Methyl Acetate

Concen: 2.370 ug/l

RT: 4.864 min Scan# 110

Delta R.T. 0.010 min

Lab File: VN070597.D

Acq: 12 Jan 2022 19:49

Instrument :

MSVOA_N

ClientSampleId :

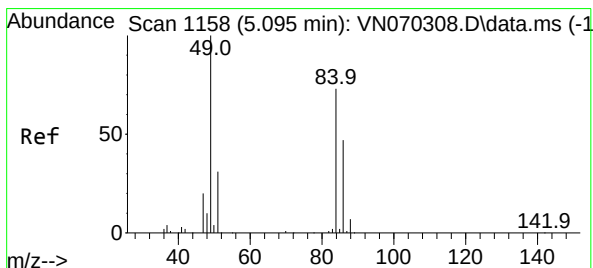
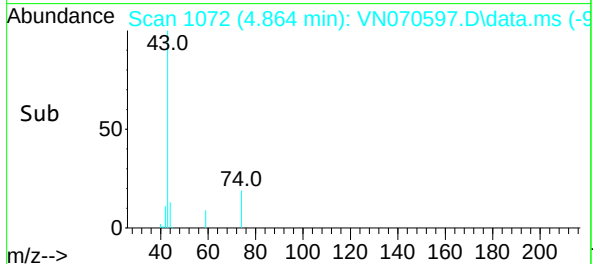
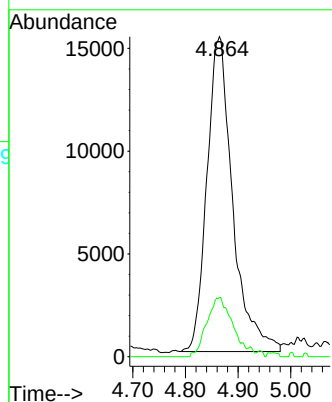
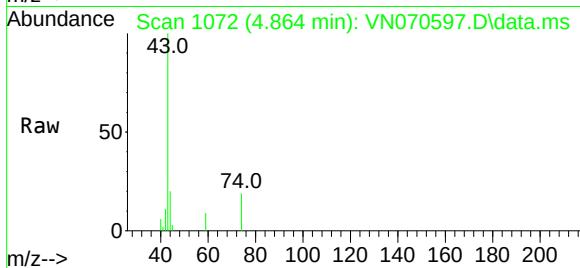
PB141975ZHE#04

Tgt Ion: 43 Resp: 52059

Ion Ratio Lower Upper

43 100

74 18.6 19.4 29.2#



#20

Methylene Chloride

Concen: 5.544 ug/l

RT: 5.098 min Scan# 1159

Delta R.T. 0.003 min

Lab File: VN070597.D

Acq: 12 Jan 2022 19:49

Tgt Ion: 84 Resp: 58248

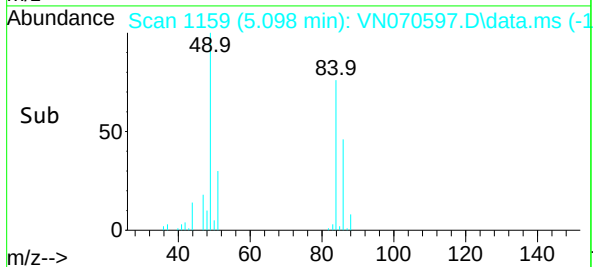
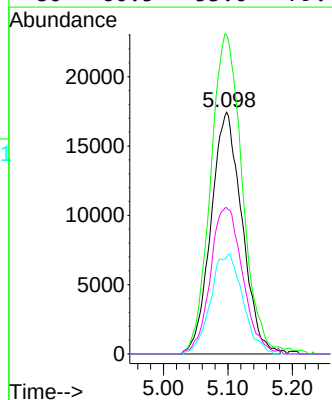
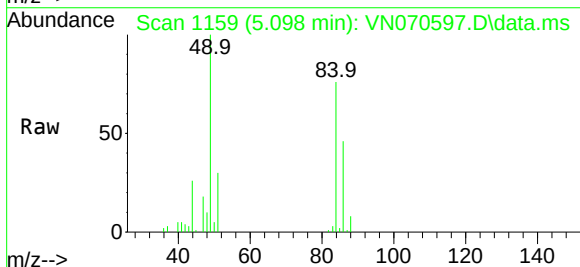
Ion Ratio Lower Upper

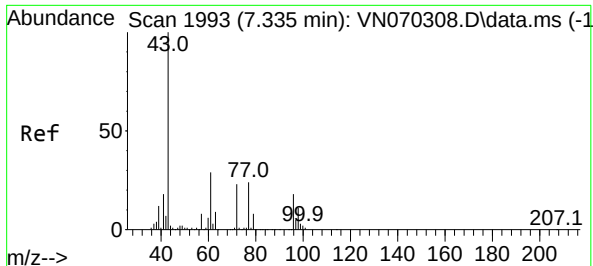
84 100

49 132.0 93.5 140.3

51 40.1 29.4 44.2

86 60.5 53.0 79.4





#25

2-Butanone

Concen: 1.776 ug/l

RT: 7.343 min Scan# 1993

Delta R.T. 0.008 min

Lab File: VN070597.D

Acq: 12 Jan 2022 19:49

Instrument :

MSVOA_N

ClientSampleId :

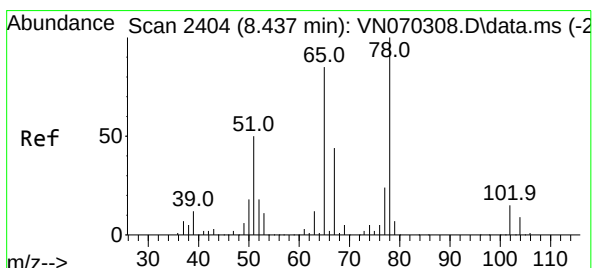
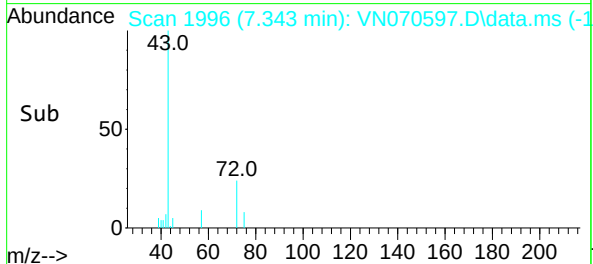
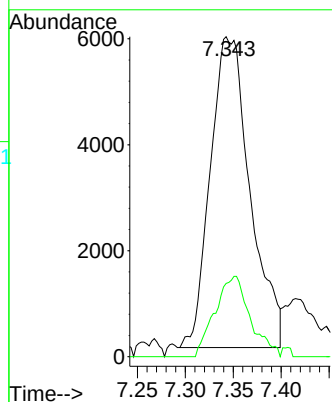
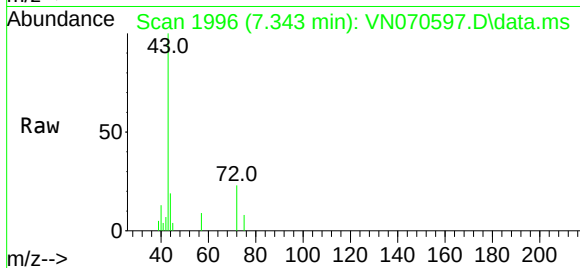
PB141975ZHE#04

Tgt Ion: 43 Resp: 16982

Ion Ratio Lower Upper

43 100

72 23.6 21.7 32.5



#33

1,2-Dichloroethane-d4

Concen: 55.648 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070597.D

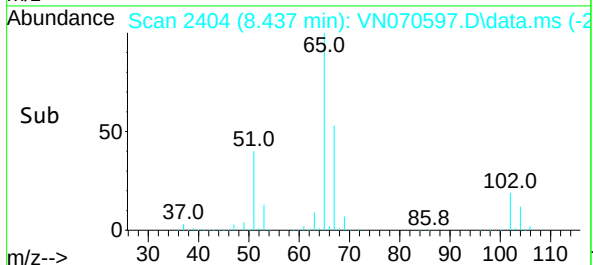
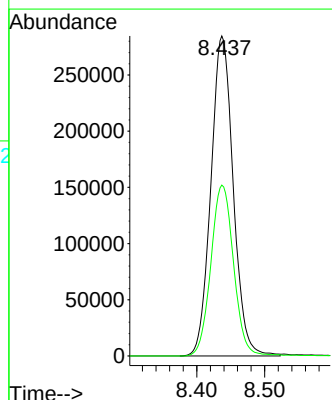
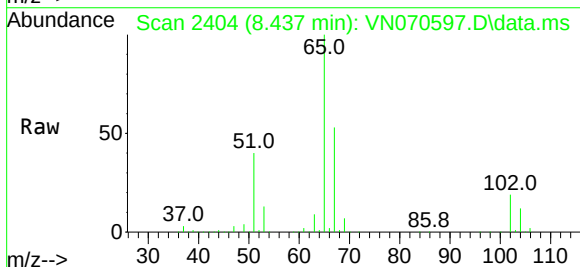
Acq: 12 Jan 2022 19:49

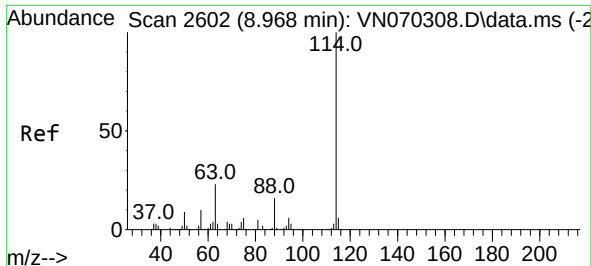
Tgt Ion: 65 Resp: 650945

Ion Ratio Lower Upper

65 100

67 54.3 0.0 103.0

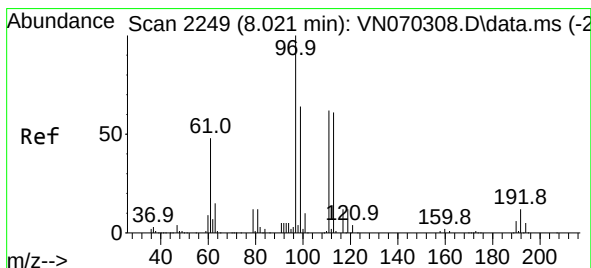
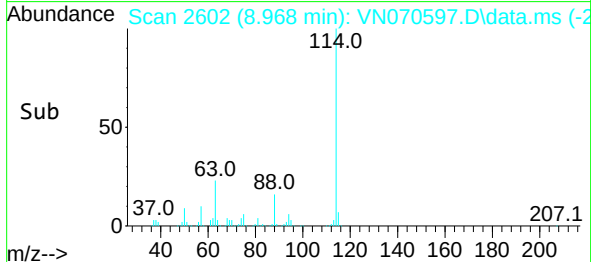
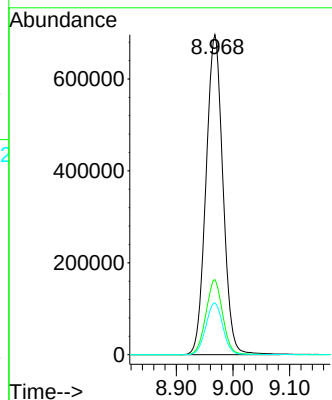
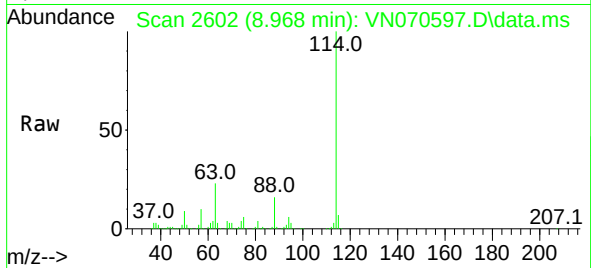




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070597.D
Acq: 12 Jan 2022 19:49

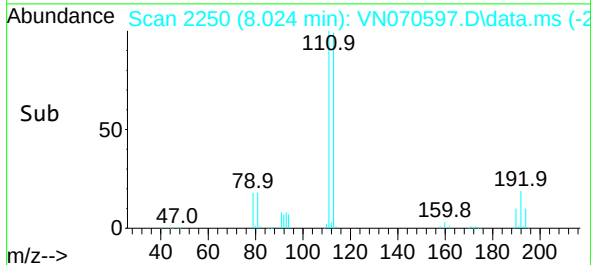
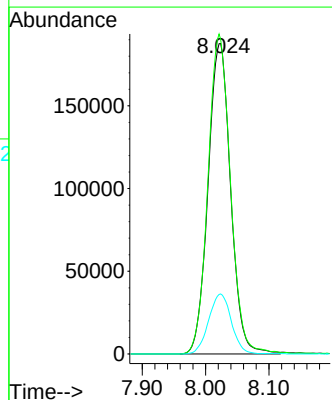
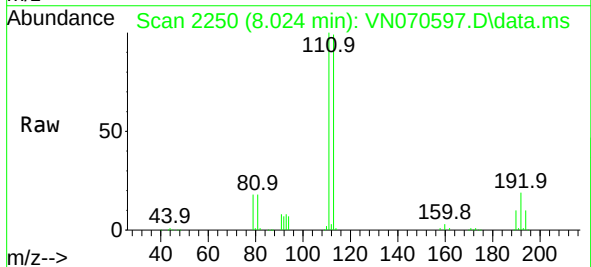
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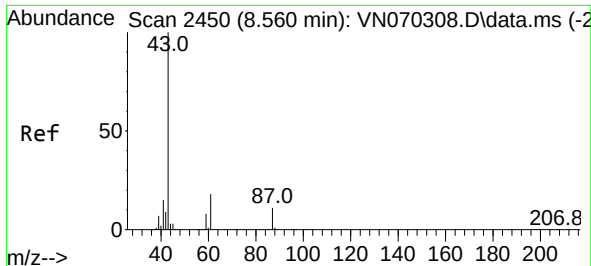
Tgt Ion:114 Resp: 1446193
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 53.087 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN070597.D
Acq: 12 Jan 2022 19:49

Tgt Ion:113 Resp: 464519
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.4 16.9 25.3

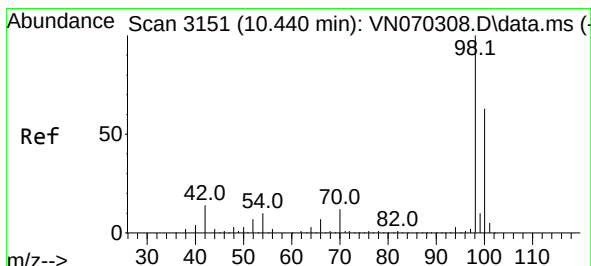
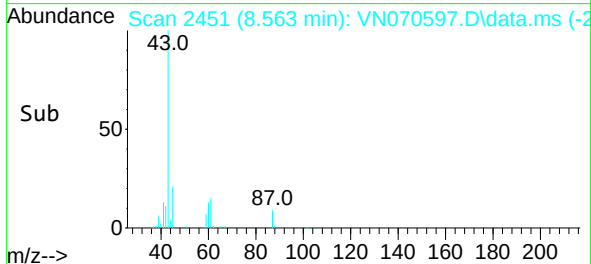
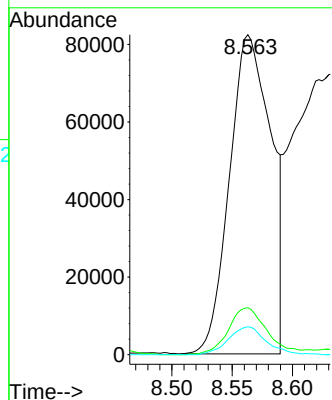
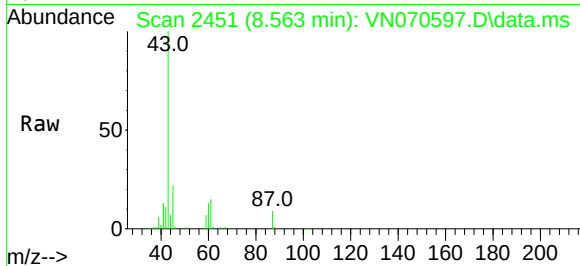




#43
Isopropyl Acetate
Concen: 6.658 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN070597.D
Acq: 12 Jan 2022 19:49

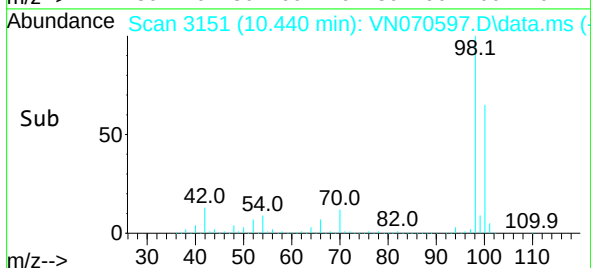
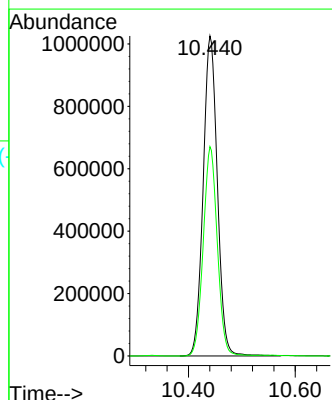
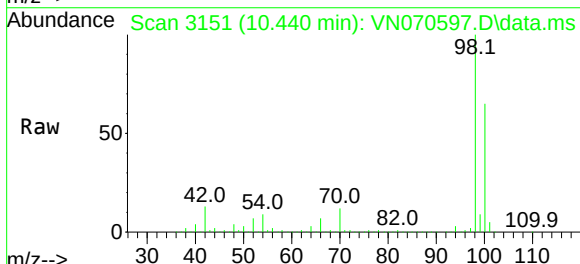
Instrument :
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PB141975ZHE#04

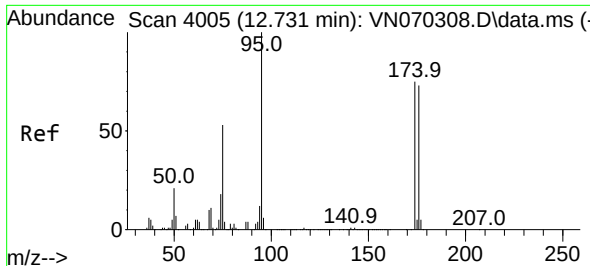
Tgt Ion: 43 Resp: 196944
Ion Ratio Lower Upper
43 100
61 13.8 20.4 30.6#
87 7.9 11.2 16.8#



#50
Toluene-d8
Concen: 53.038 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070597.D
Acq: 12 Jan 2022 19:49

Tgt Ion: 98 Resp: 1895872
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6

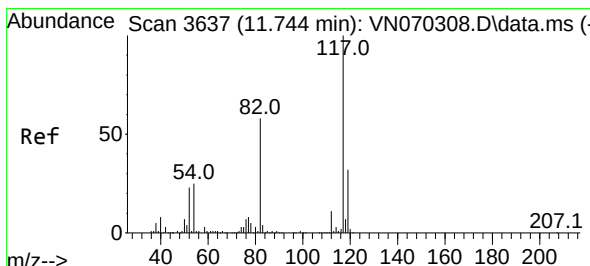
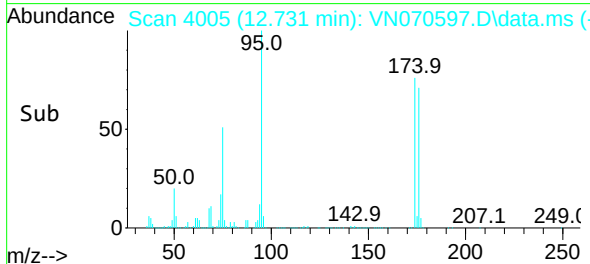
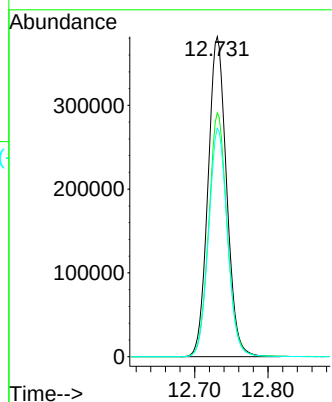
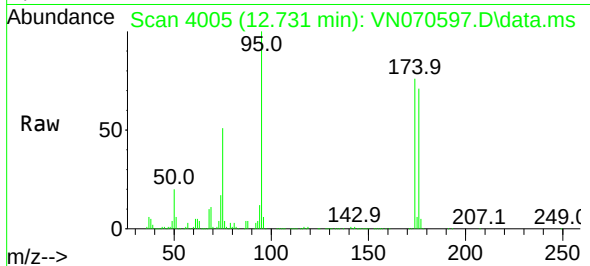




#62
4-Bromofluorobenzene
Concen: 52.080 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070597.D
Acq: 12 Jan 2022 19:49

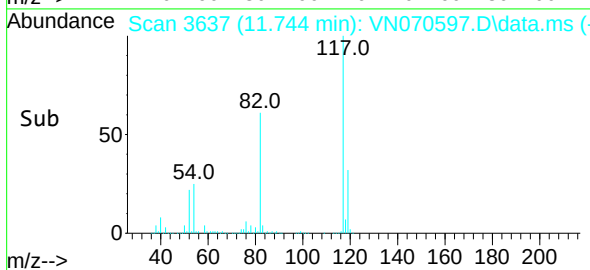
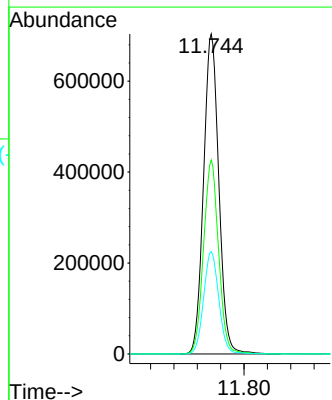
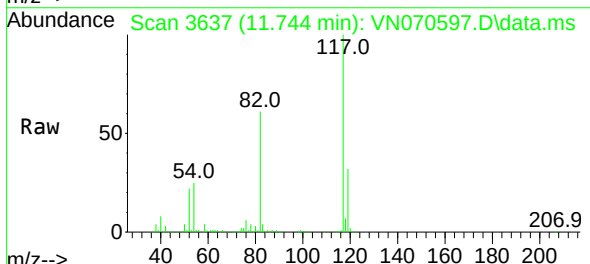
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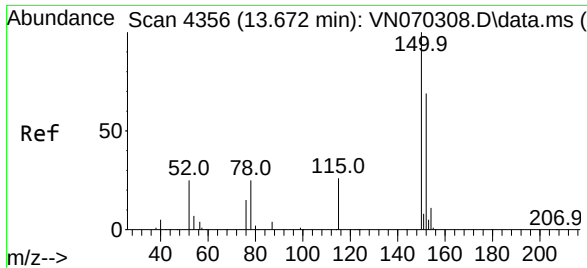
Tgt Ion: 95 Resp: 672376
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 72.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070597.D
Acq: 12 Jan 2022 19:49

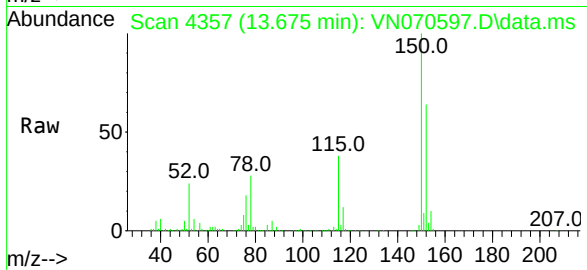
Tgt Ion: 117 Resp: 1278210
Ion Ratio Lower Upper
117 100
82 60.6 42.4 63.6
119 32.0 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070597.D
 Acq: 12 Jan 2022 19:49

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141975ZHE#04



Tgt Ion:152 Resp: 429597
 Ion Ratio Lower Upper
 152 100
 115 60.6 27.5 82.5
 150 157.2 0.0 344.4

