

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070594.D
 Acq On : 12 Jan 2022 18:33
 Operator : JC/MD
 Sample : PB141975ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB141975ZHE#01

Quant Time: Jan 13 04:28:06 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)

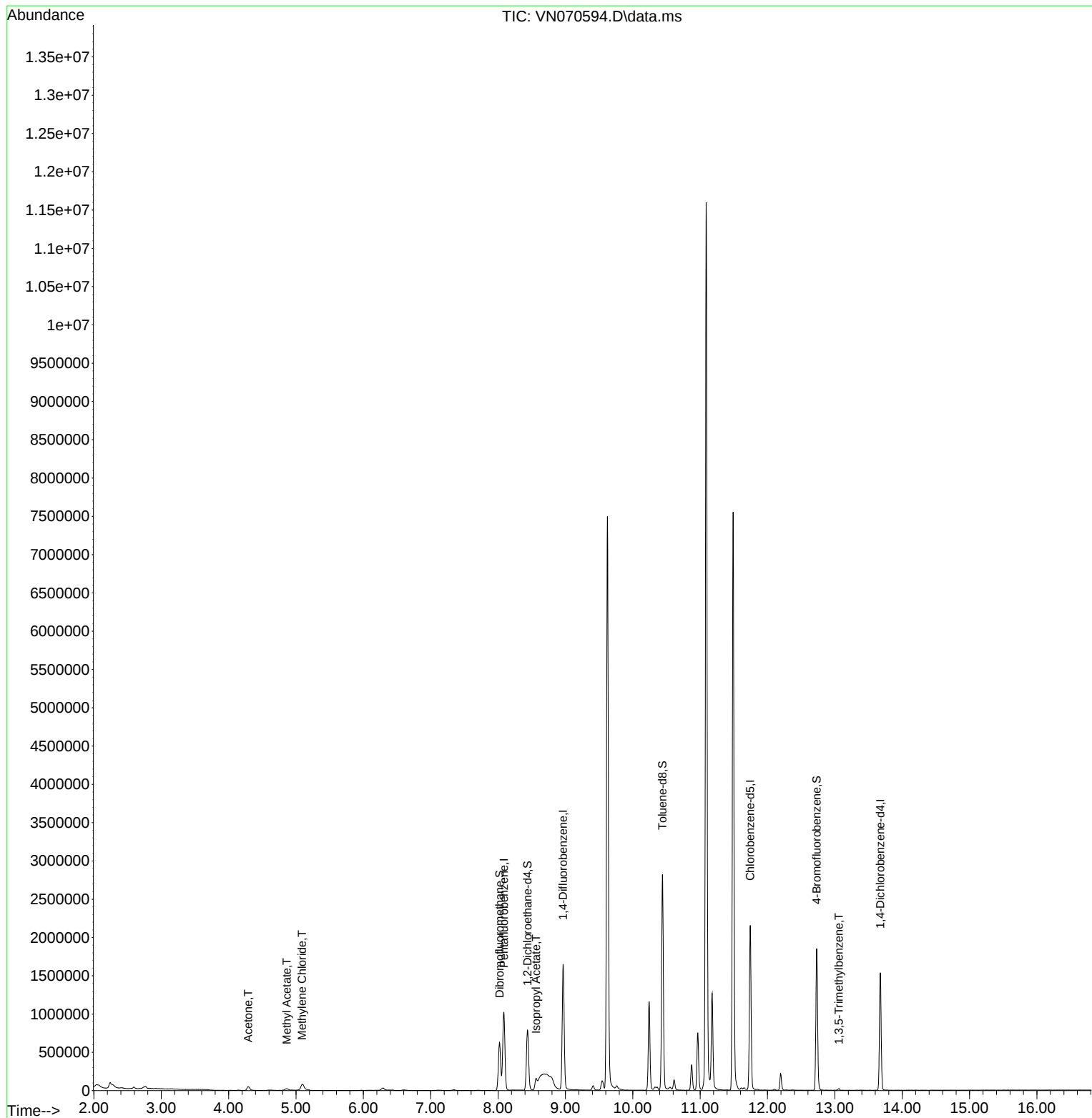
Internal Standards						
1) Pentafluorobenzene	8.086	168	791602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1391412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1238608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	429855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	660040	57.991	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.980%			
35) Dibromofluoromethane	8.021	113	466704	55.436	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.880%			
50) Toluene-d8	10.440	98	1916734	55.733	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.460%			
62) 4-Bromofluorobenzene	12.731	95	692335	55.737	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.480%			
Target Compounds						
16) Acetone	4.291	43	91098	12.330	ug/l	96
18) Methyl Acetate	4.862	43	49316	2.307	ug/l	91
20) Methylene Chloride	5.090	84	57427	5.618	ug/l	87
43) Isopropyl Acetate	8.563	43	191651	6.734	ug/l #	80
80) 1,3,5-Trimethylbenzene	13.061	105	9984	0.312	ug/l	99

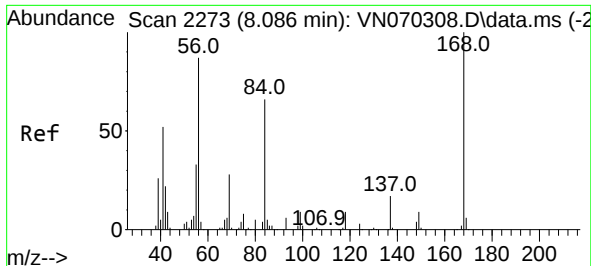
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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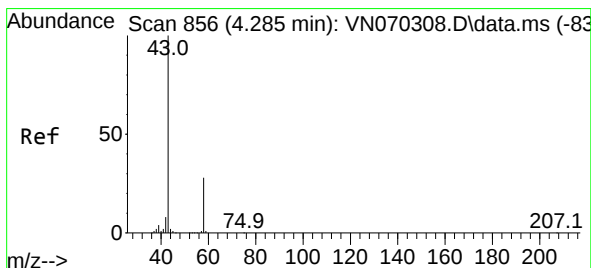
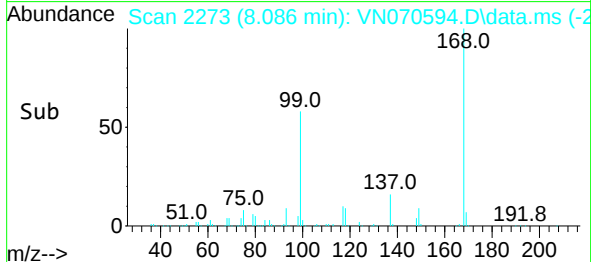
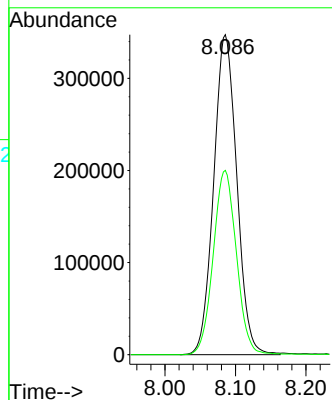
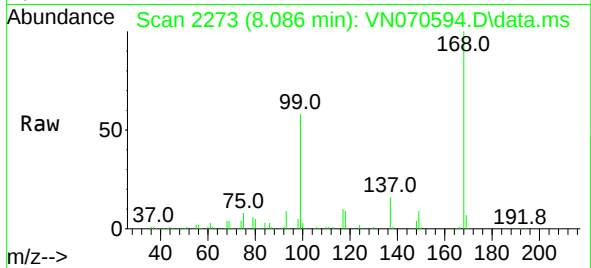




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070594.D
Acq: 12 Jan 2022 18:33

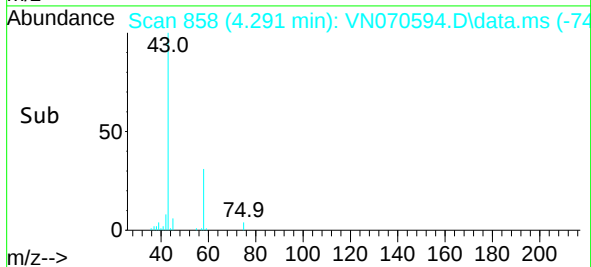
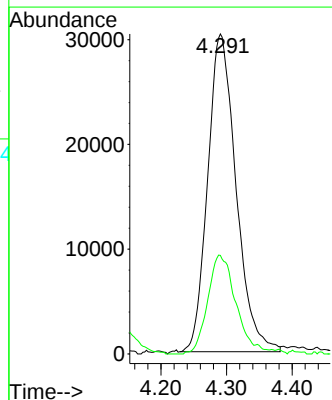
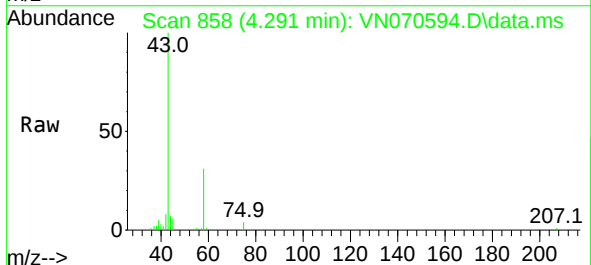
Instrument :
MSVOA_N
ClientSampleId :
PB141975ZHE#01

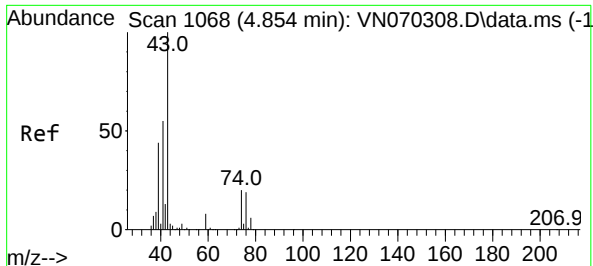
Tgt Ion:168 Resp: 791602
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9



#16
Acetone
Concen: 12.330 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070594.D
Acq: 12 Jan 2022 18:33

Tgt Ion: 43 Resp: 91098
Ion Ratio Lower Upper
43 100
58 31.0 23.1 34.7

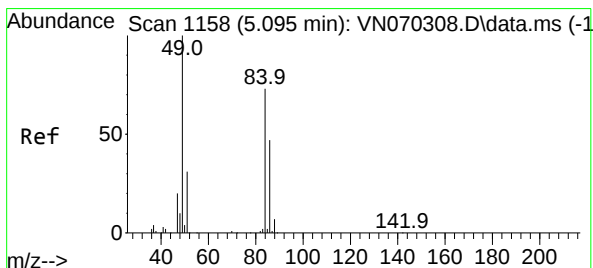
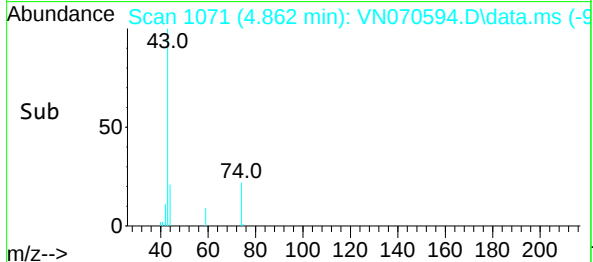
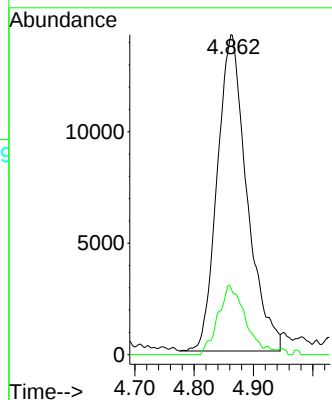
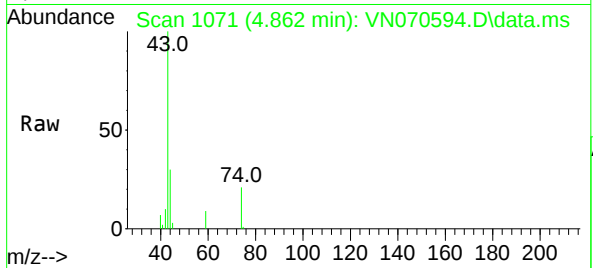




#18
Methyl Acetate
Concen: 2.307 ug/l
RT: 4.862 min Scan# 1068
Delta R.T. 0.008 min
Lab File: VN070594.D
Acq: 12 Jan 2022 18:33

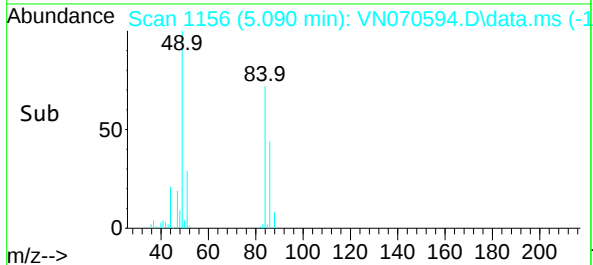
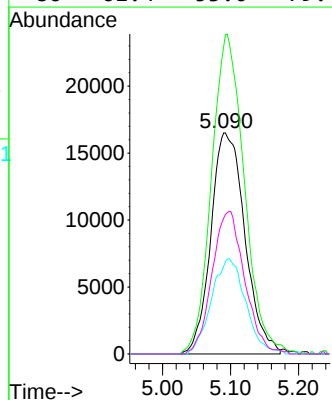
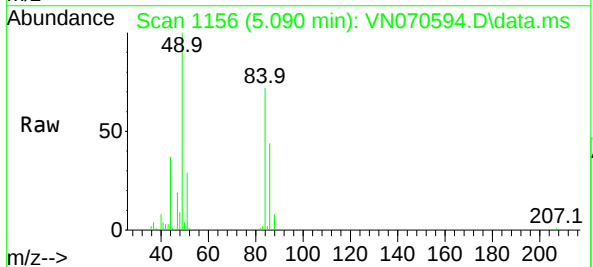
Instrument :
MSVOA_N
ClientSampleId :
PB141975ZHE#01

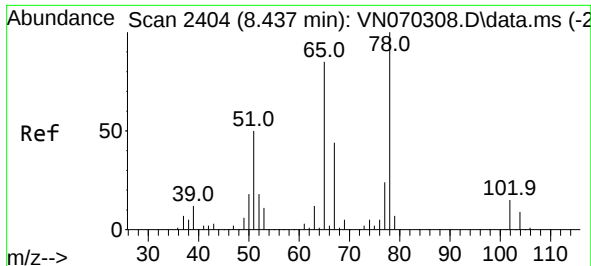
Tgt Ion: 43 Resp: 49316
Ion Ratio Lower Upper
43 100
74 19.7 19.4 29.2



#20
Methylene Chloride
Concen: 5.618 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.005 min
Lab File: VN070594.D
Acq: 12 Jan 2022 18:33

Tgt Ion: 84 Resp: 57427
Ion Ratio Lower Upper
84 100
49 139.1 93.5 140.3
51 39.7 29.4 44.2
86 61.4 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 57.991 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070594.D

Acq: 12 Jan 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

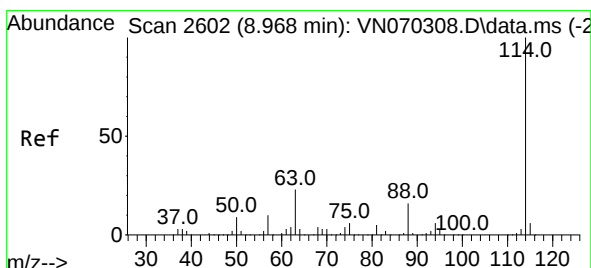
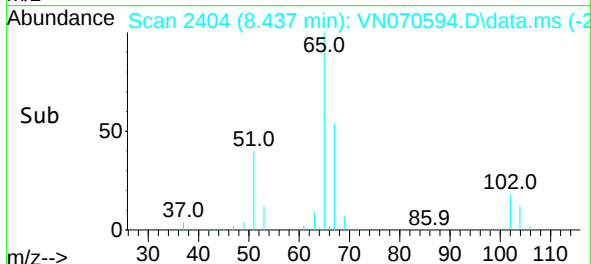
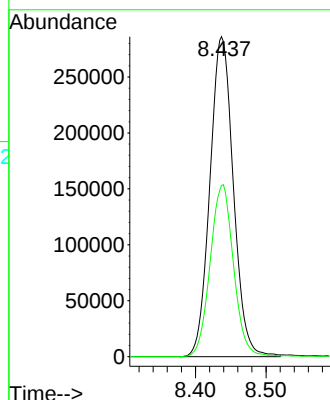
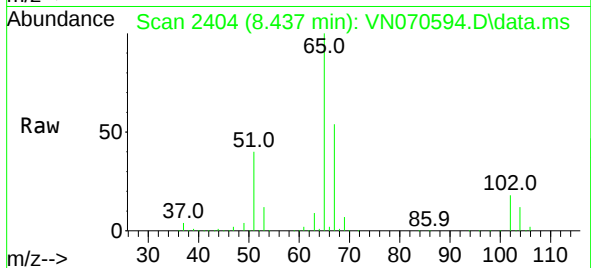
PB141975ZHE#01

Tgt Ion: 65 Resp: 660040

Ion Ratio Lower Upper

65 100

67 53.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070594.D

Acq: 12 Jan 2022 18:33

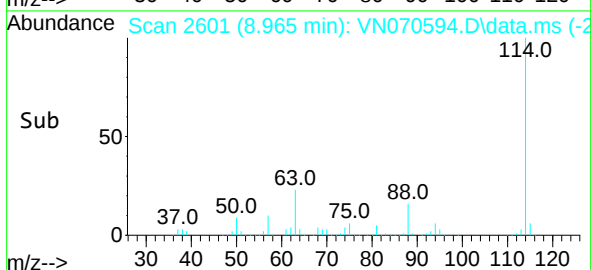
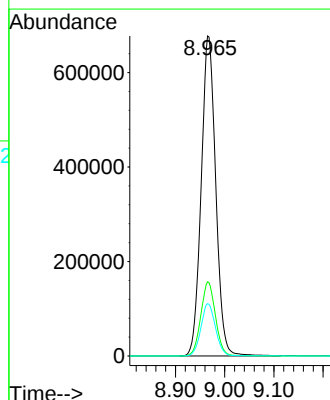
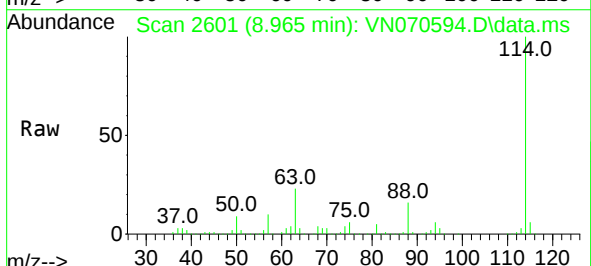
Tgt Ion: 114 Resp: 1391412

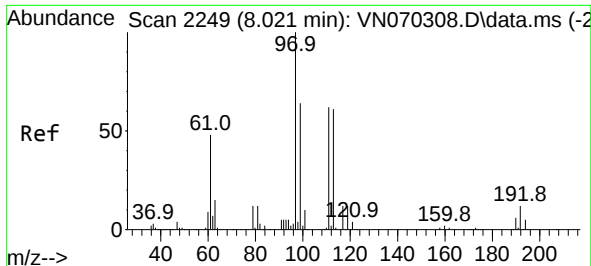
Ion Ratio Lower Upper

114 100

63 23.2 0.0 37.8

88 16.4 0.0 27.4

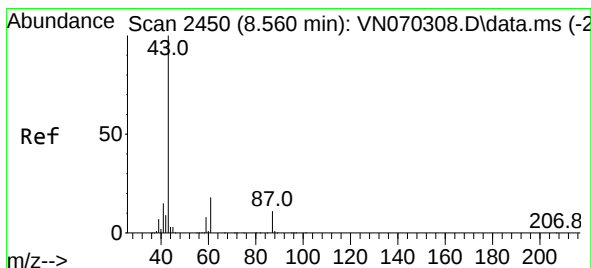
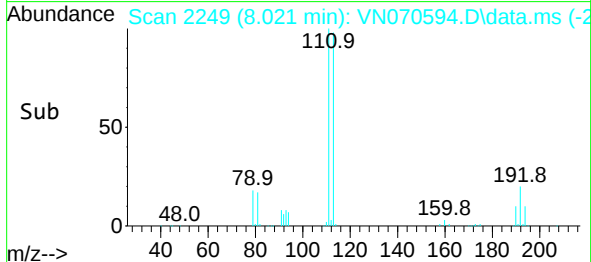
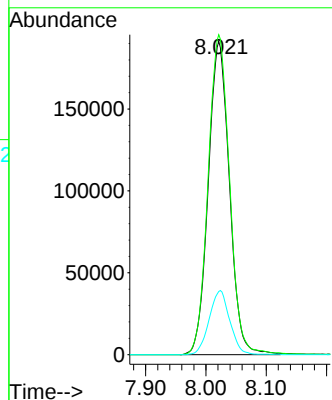
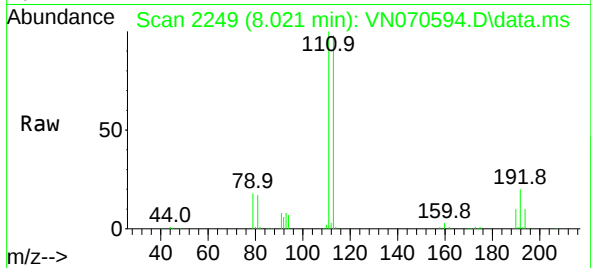




#35
Dibromofluoromethane
Concen: 55.436 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070594.D
Acq: 12 Jan 2022 18:33

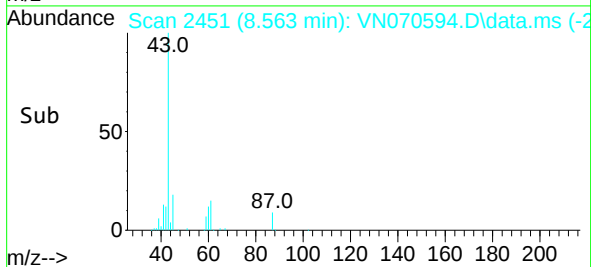
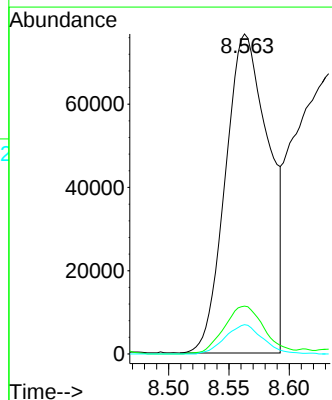
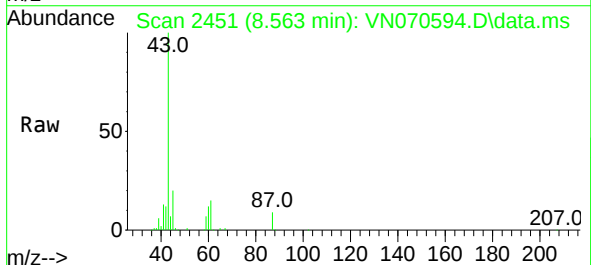
Instrument :
MSVOA_N
ClientSampleId :
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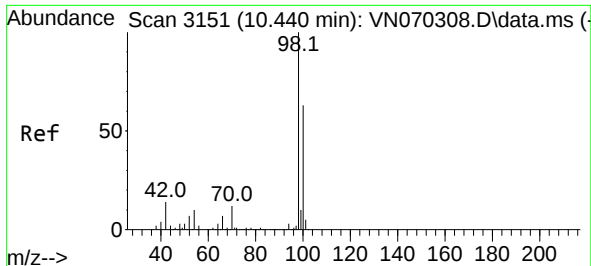
Tgt Ion:113 Resp: 466704
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.9 16.9 25.3



#43
Isopropyl Acetate
Concen: 6.734 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN070594.D
Acq: 12 Jan 2022 18:33

Tgt Ion: 43 Resp: 191651
Ion Ratio Lower Upper
43 100
61 14.0 20.4 30.6#
87 8.0 11.2 16.8#

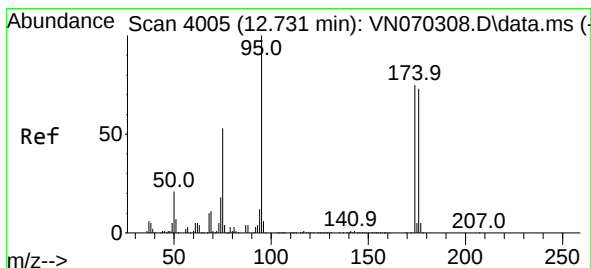
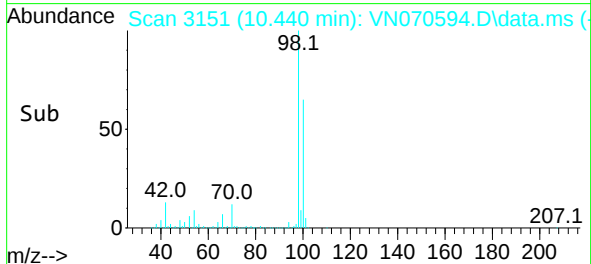
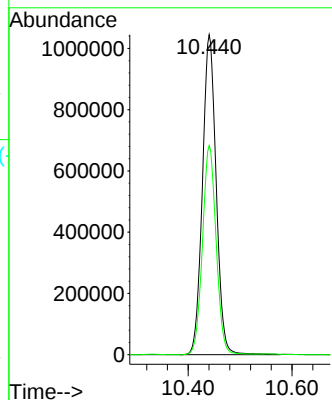
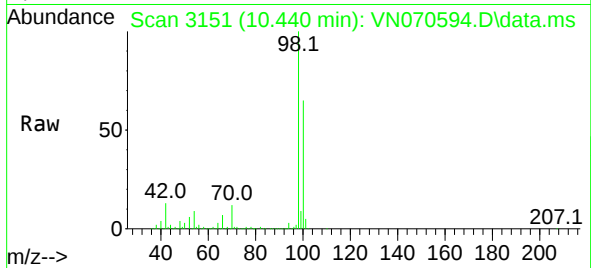




#50
Toluene-d8
Concen: 55.733 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070594.D
Acq: 12 Jan 2022 18:33

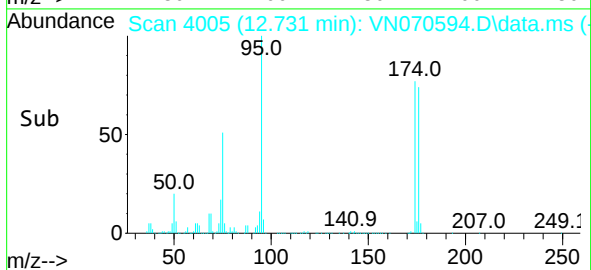
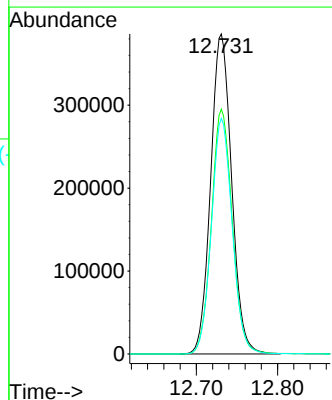
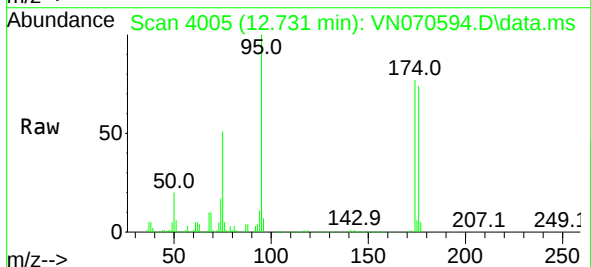
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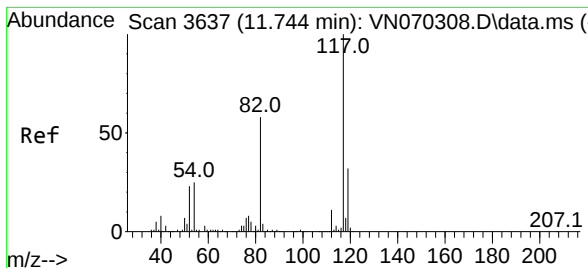
Tgt Ion: 98 Resp: 1916734
Ion Ratio Lower Upper
98 100
100 65.1 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 55.737 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070594.D
Acq: 12 Jan 2022 18:33

Tgt Ion: 95 Resp: 692335
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.0 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.000 min

Lab File: VN070594.D

Acq: 12 Jan 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

PB141975ZHE#01

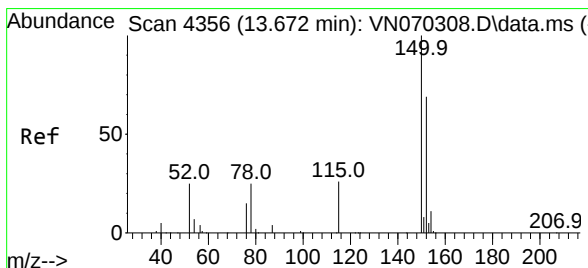
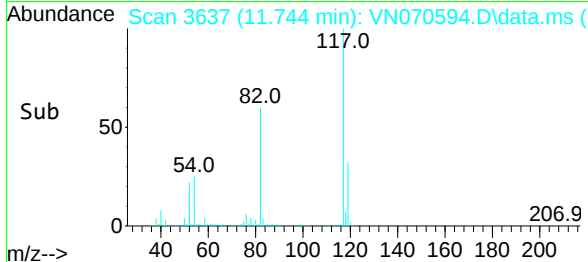
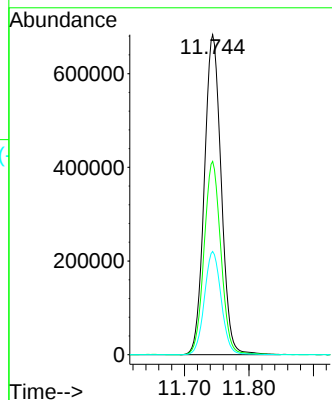
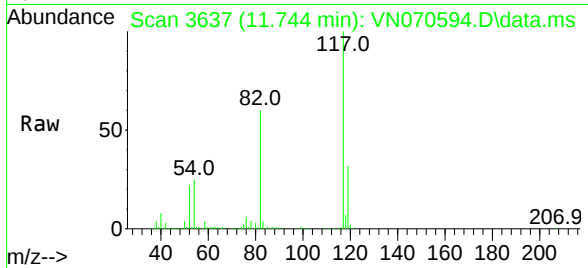
Tgt Ion:117 Resp: 1238608

Ion Ratio Lower Upper

117 100

82 60.4 42.4 63.6

119 32.3 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: VN070594.D

Acq: 12 Jan 2022 18:33

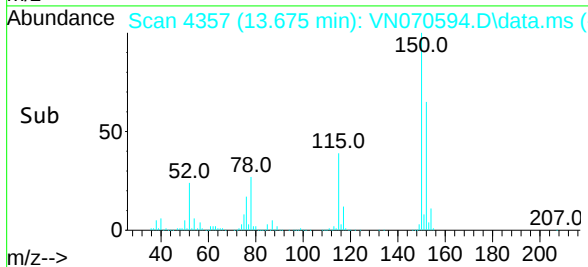
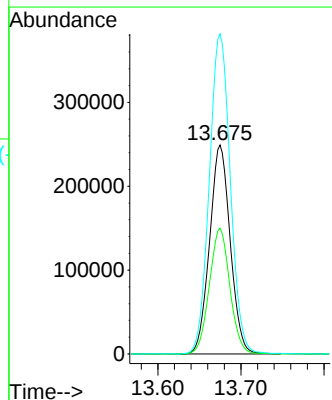
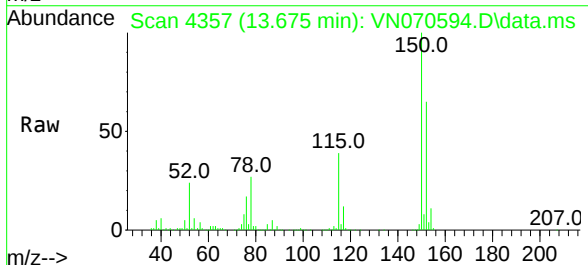
Tgt Ion:152 Resp: 429855

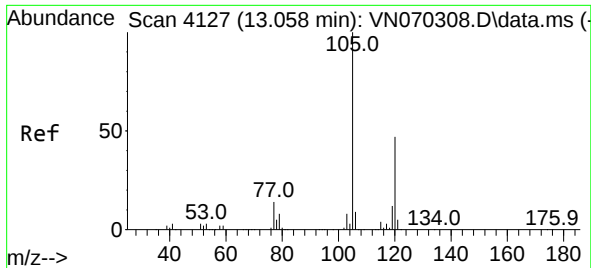
Ion Ratio Lower Upper

152 100

115 59.7 27.5 82.5

150 155.8 0.0 344.4





#80
 1,3,5-Trimethylbenzene
 Concen: 0.312 ug/l
 RT: 13.061 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070594.D
 Acq: 12 Jan 2022 18:33

Instrument :
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Tgt Ion:105 Resp: 9984
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.6 73.6

