

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012422\
 Data File : VN070760.D
 Acq On : 24 Jan 2022 17:10
 Operator : JC/MD
 Sample : N1235-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Jan 24 23:33:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

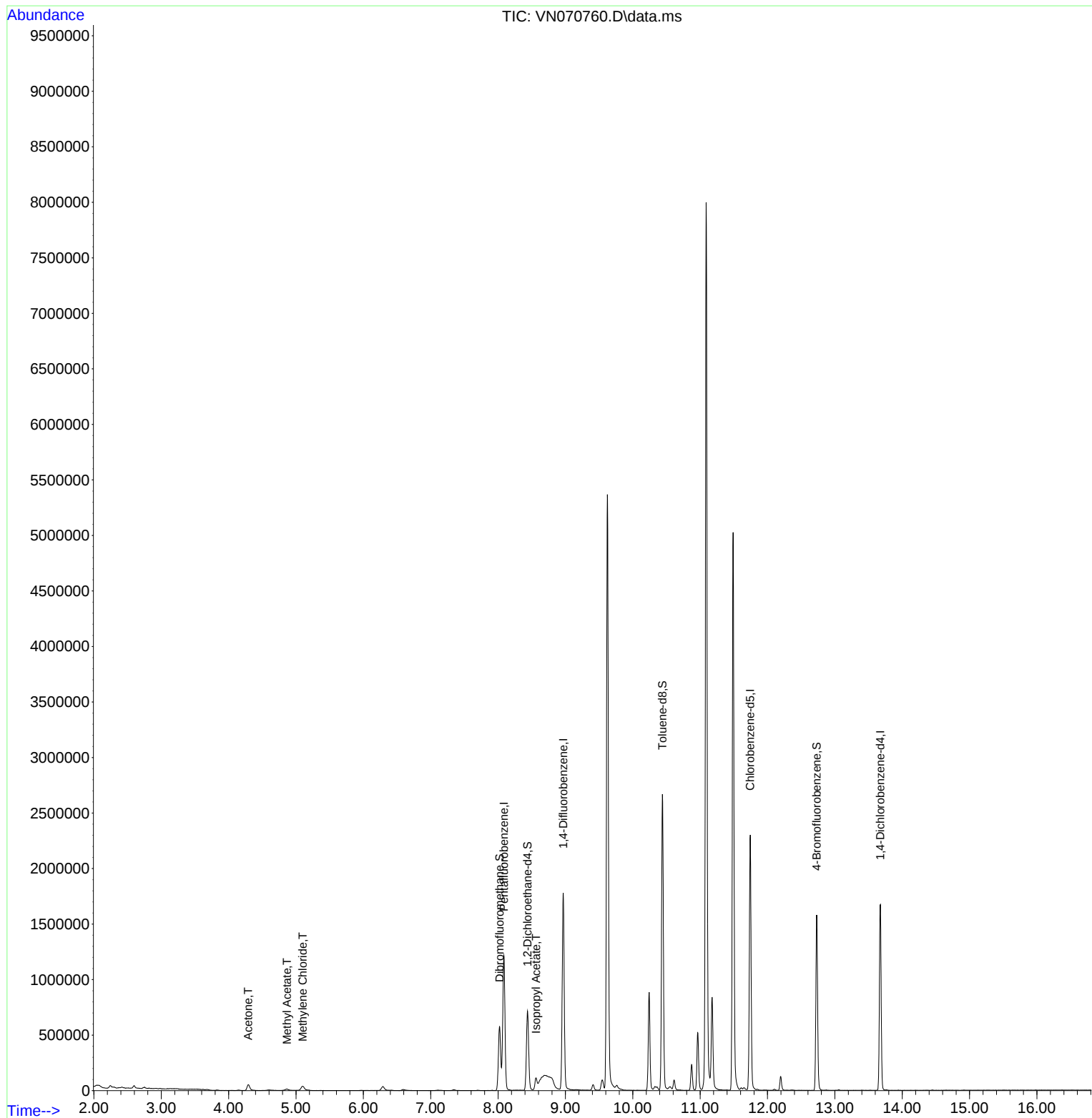
Internal Standards						
1) Pentafluorobenzene	8.086	168	920820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1492184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1316841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	460306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	616528	46.718	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.440%
35) Dibromofluoromethane	8.021	113	427968	46.237	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.480%
50) Toluene-d8	10.440	98	1865908	47.852	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.700%
62) 4-Bromofluorobenzene	12.731	95	580893	41.806	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.620%
Target Compounds						
					Qvalue	
16) Acetone	4.291	43	98441	10.747	ug/l	97
18) Methyl Acetate	4.867	43	25353	1.407	ug/l #	81
20) Methylene Chloride	5.101	84	27761	2.301	ug/l	92
43) Isopropyl Acetate	8.563	43	136711	4.327	ug/l #	82

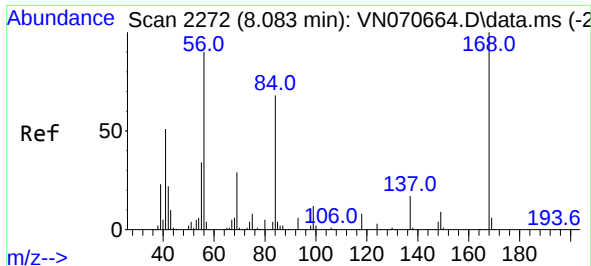
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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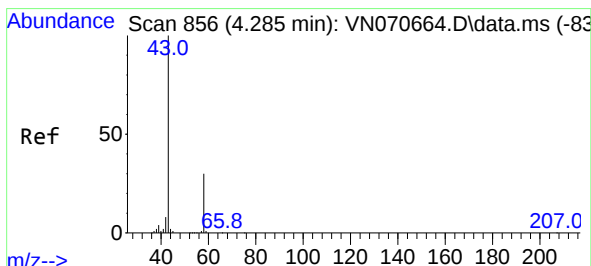
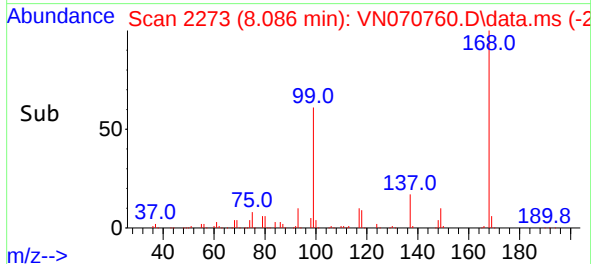
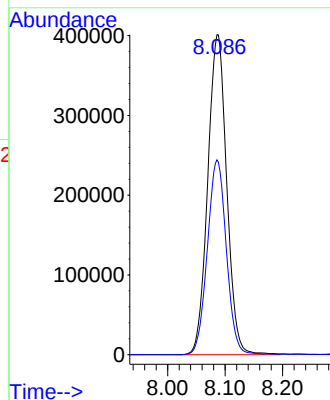
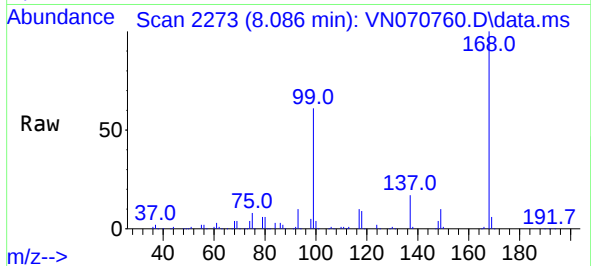




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070760.D
Acq: 24 Jan 2022 17:10

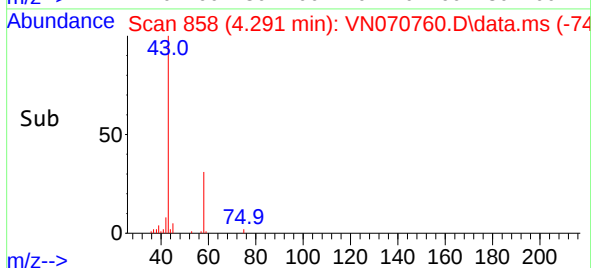
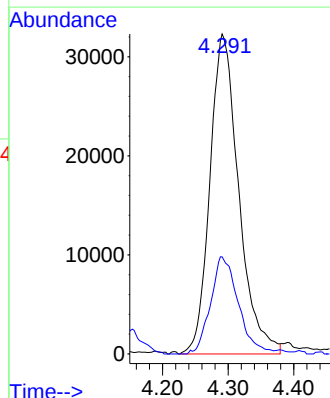
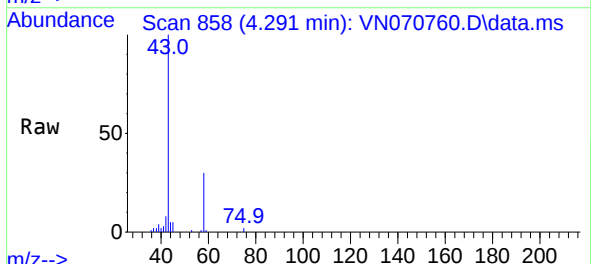
Instrument :
MSVOA_N
ClientSampleId :
TP-2

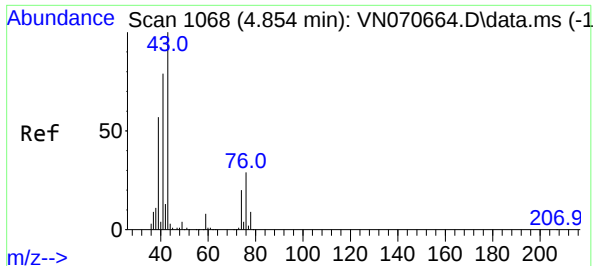
Tgt Ion:168 Resp: 920820
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9



#16
Acetone
Concen: 10.747 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070760.D
Acq: 24 Jan 2022 17:10

Tgt Ion: 43 Resp: 98441
Ion Ratio Lower Upper
43 100
58 30.4 23.1 34.7





#18

Methyl Acetate

Concen: 1.407 ug/l

RT: 4.867 min Scan# 1160

Delta R.T. 0.013 min

Lab File: VN070760.D

Acq: 24 Jan 2022 17:10

Instrument :

MSVOA_N

ClientSampleId :

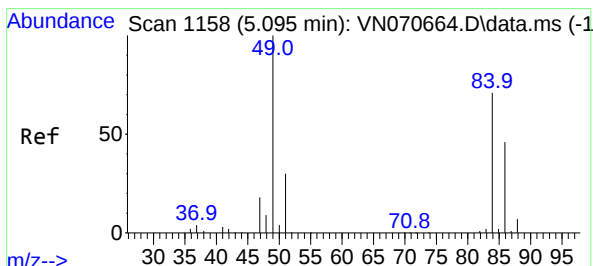
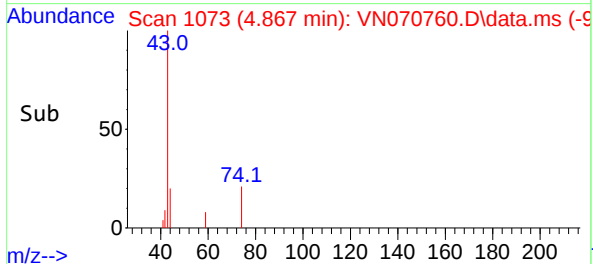
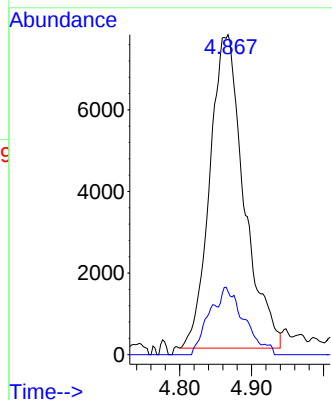
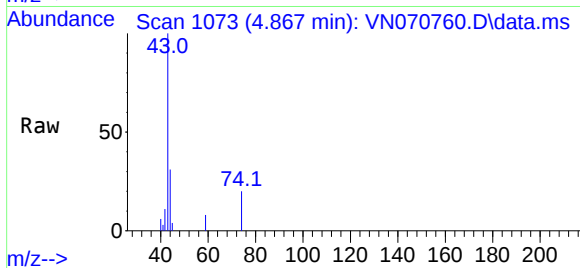
TP-2

Tgt Ion: 43 Resp: 25353

Ion Ratio Lower Upper

43 100

74 14.8 19.4 29.2#



#20

Methylene Chloride

Concen: 2.301 ug/l

RT: 5.101 min Scan# 1160

Delta R.T. 0.006 min

Lab File: VN070760.D

Acq: 24 Jan 2022 17:10

Tgt Ion: 84 Resp: 27761

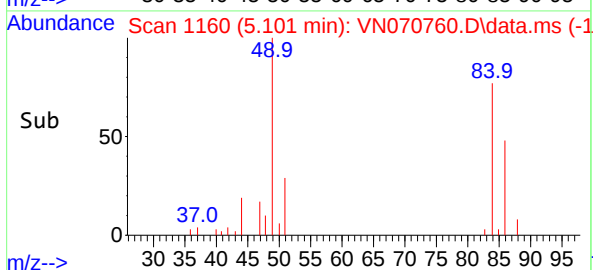
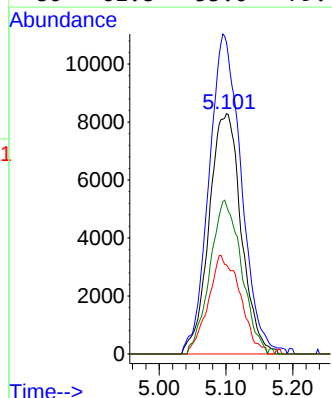
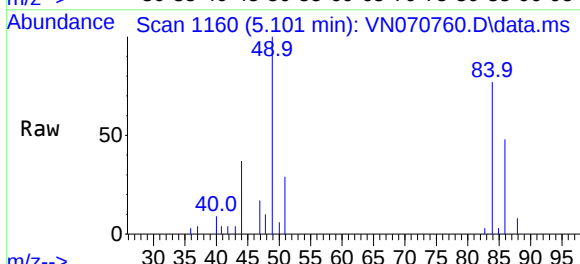
Ion Ratio Lower Upper

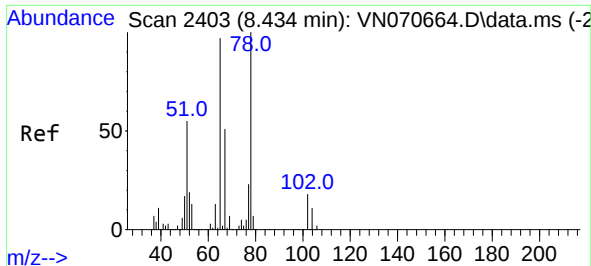
84 100

49 129.7 93.5 140.3

51 37.1 29.4 44.2

86 61.8 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 46.718 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070760.D

Acq: 24 Jan 2022 17:10

Instrument :

MSVOA_N

ClientSampleId :

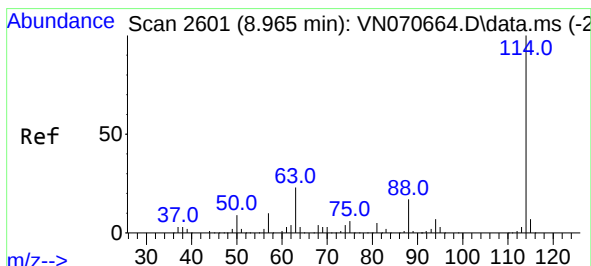
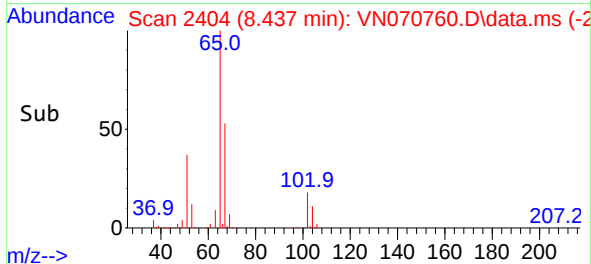
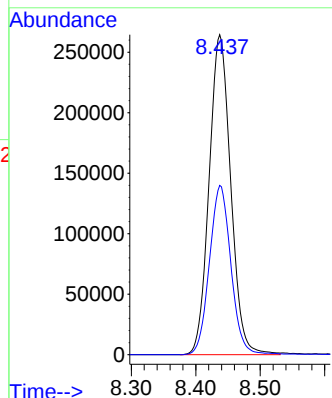
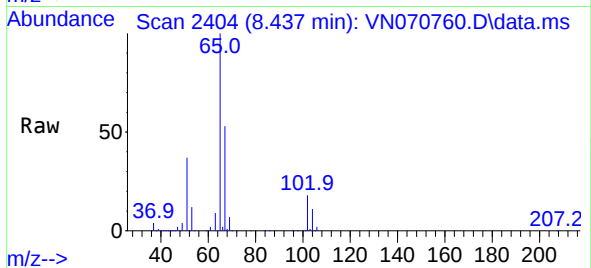
TP-2

Tgt Ion: 65 Resp: 616528

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.003 min

Lab File: VN070760.D

Acq: 24 Jan 2022 17:10

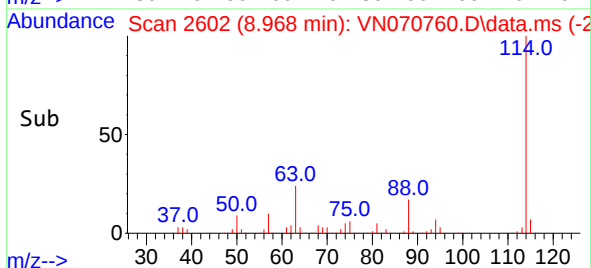
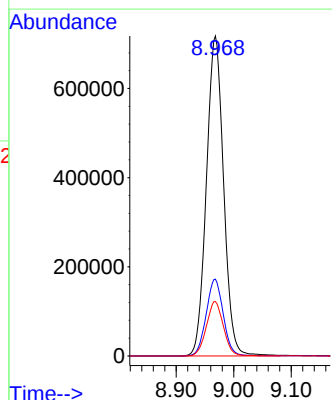
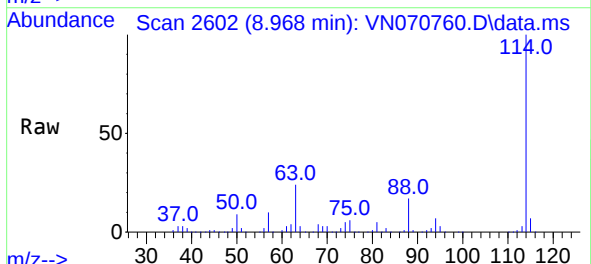
Tgt Ion: 114 Resp: 1492184

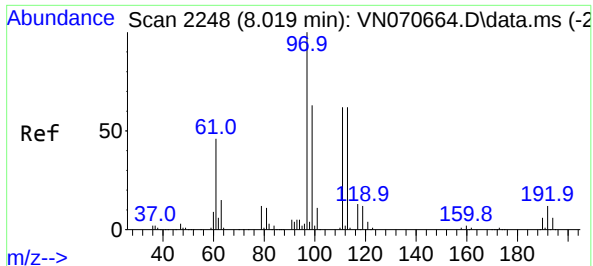
Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

88 17.0 0.0 27.4

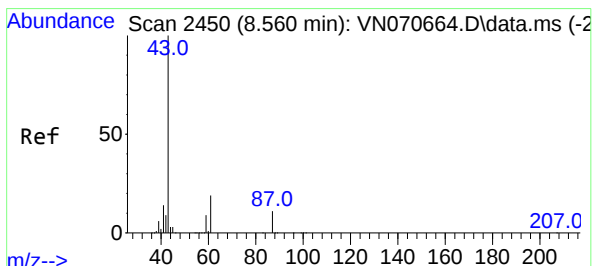
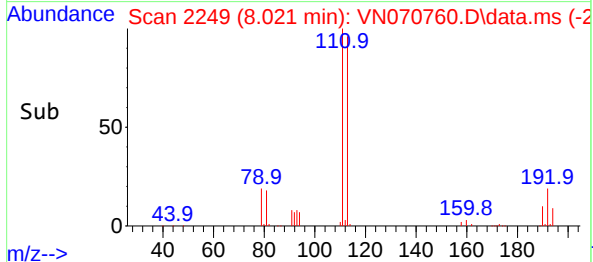
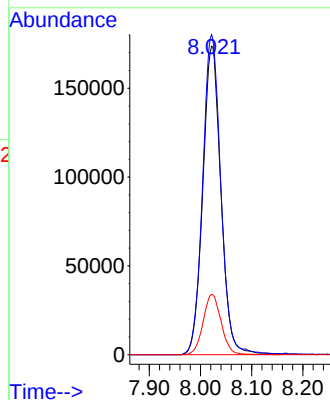
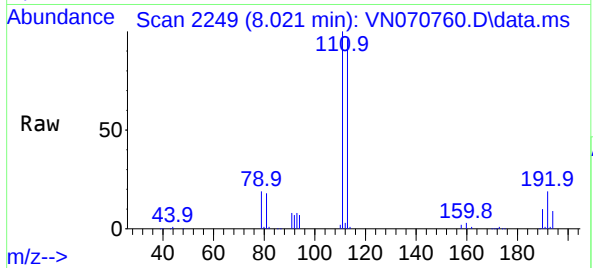




#35
Dibromofluoromethane
Concen: 46.237 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.002 min
Lab File: VN070760.D
Acq: 24 Jan 2022 17:10

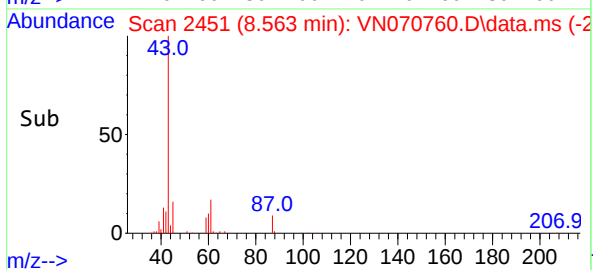
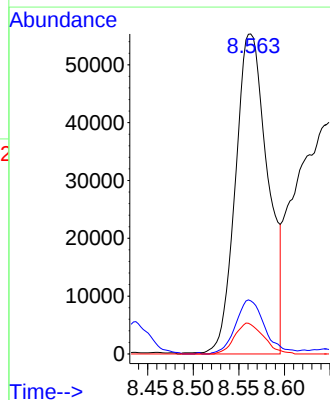
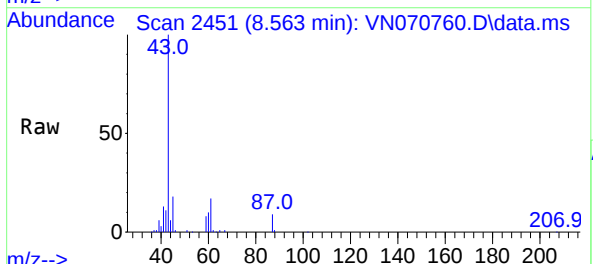
Instrument :
MSVOA_N
ClientSampleId :
TP-2

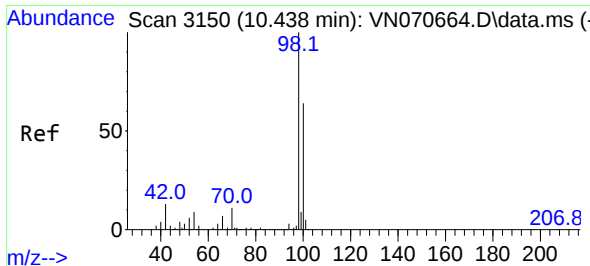
Tgt Ion:113 Resp: 427968
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 19.4 16.9 25.3



#43
Isopropyl Acetate
Concen: 4.327 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN070760.D
Acq: 24 Jan 2022 17:10

Tgt Ion: 43 Resp: 136711
Ion Ratio Lower Upper
43 100
61 15.2 20.4 30.6#
87 8.6 11.2 16.8#

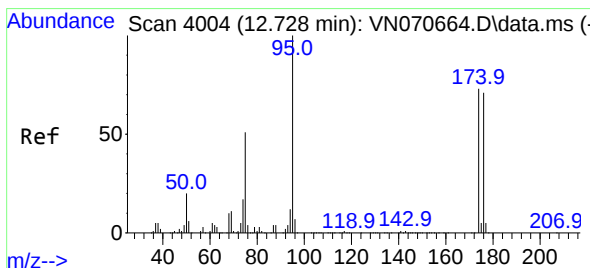
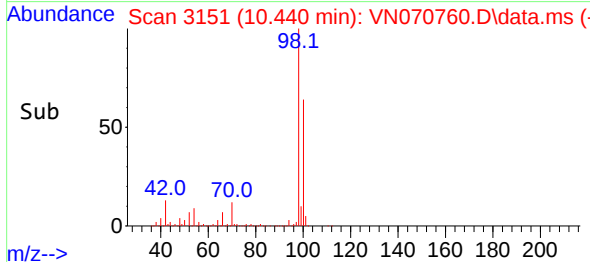
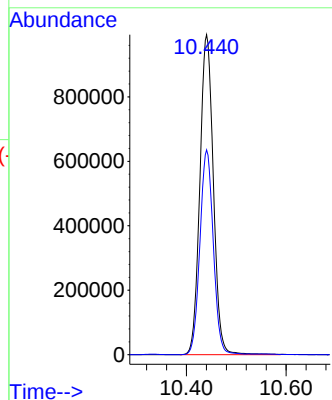
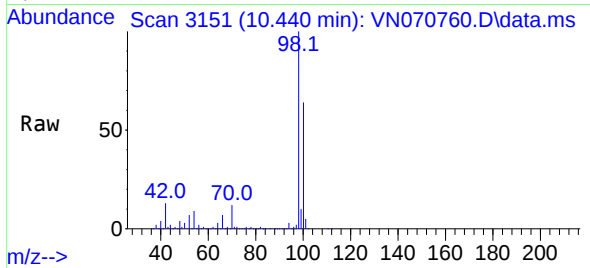




#50
Toluene-d8
Concen: 47.852 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070760.D
Acq: 24 Jan 2022 17:10

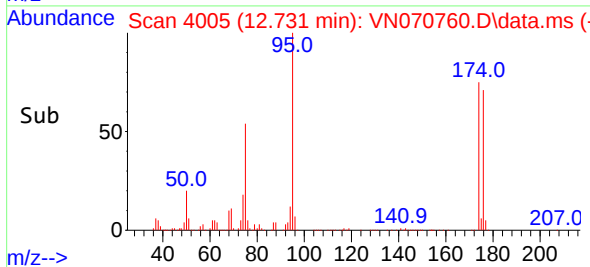
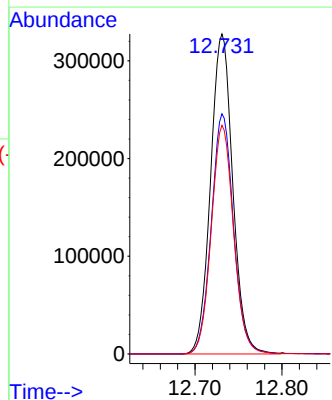
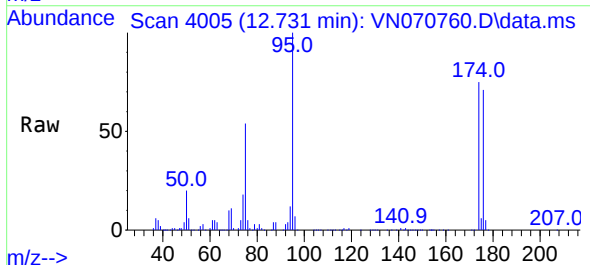
Instrument :
MSVOA_N
ClientSampleId :
TP-2

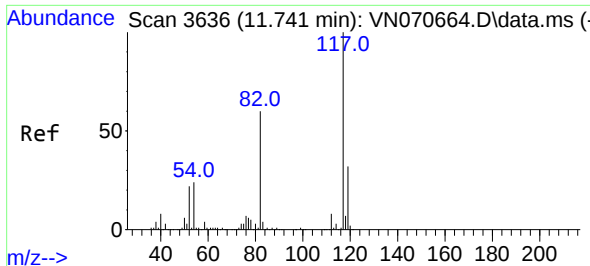
Tgt Ion: 98 Resp: 1865908
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 41.806 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070760.D
Acq: 24 Jan 2022 17:10

Tgt Ion: 95 Resp: 580893
Ion Ratio Lower Upper
95 100
174 75.2 0.0 187.2
176 71.7 0.0 181.4

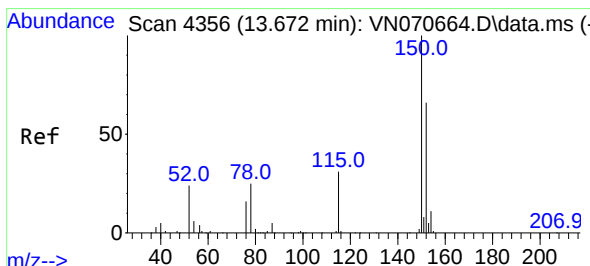
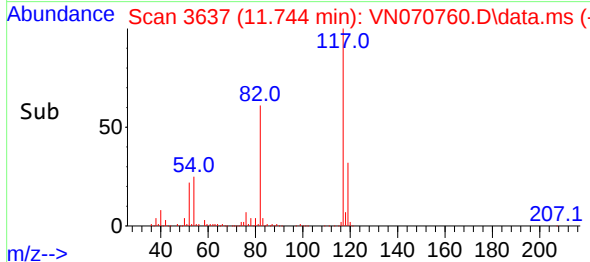
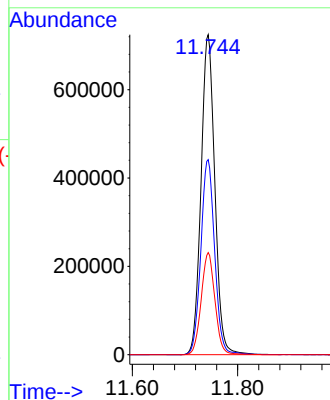
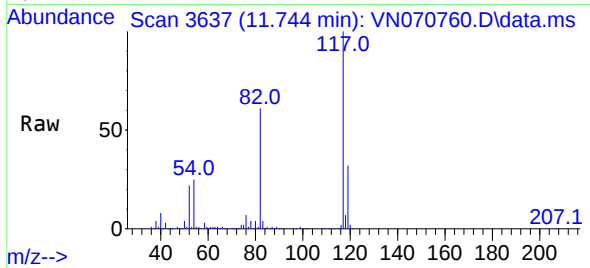




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070760.D
Acq: 24 Jan 2022 17:10

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 1316841
Ion Ratio Lower Upper
117 100
82 60.9 42.4 63.6
119 31.9 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: VN070760.D
Acq: 24 Jan 2022 17:10

Tgt Ion:152 Resp: 460306
Ion Ratio Lower Upper
152 100
115 62.2 27.5 82.5
150 159.0 0.0 344.4

