

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013122\
 Data File : VN070864.D
 Acq On : 31 Jan 2022 20:22
 Operator : JC/MD
 Sample : N1325-11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TES-4

Quant Time: Feb 01 05:03:19 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)

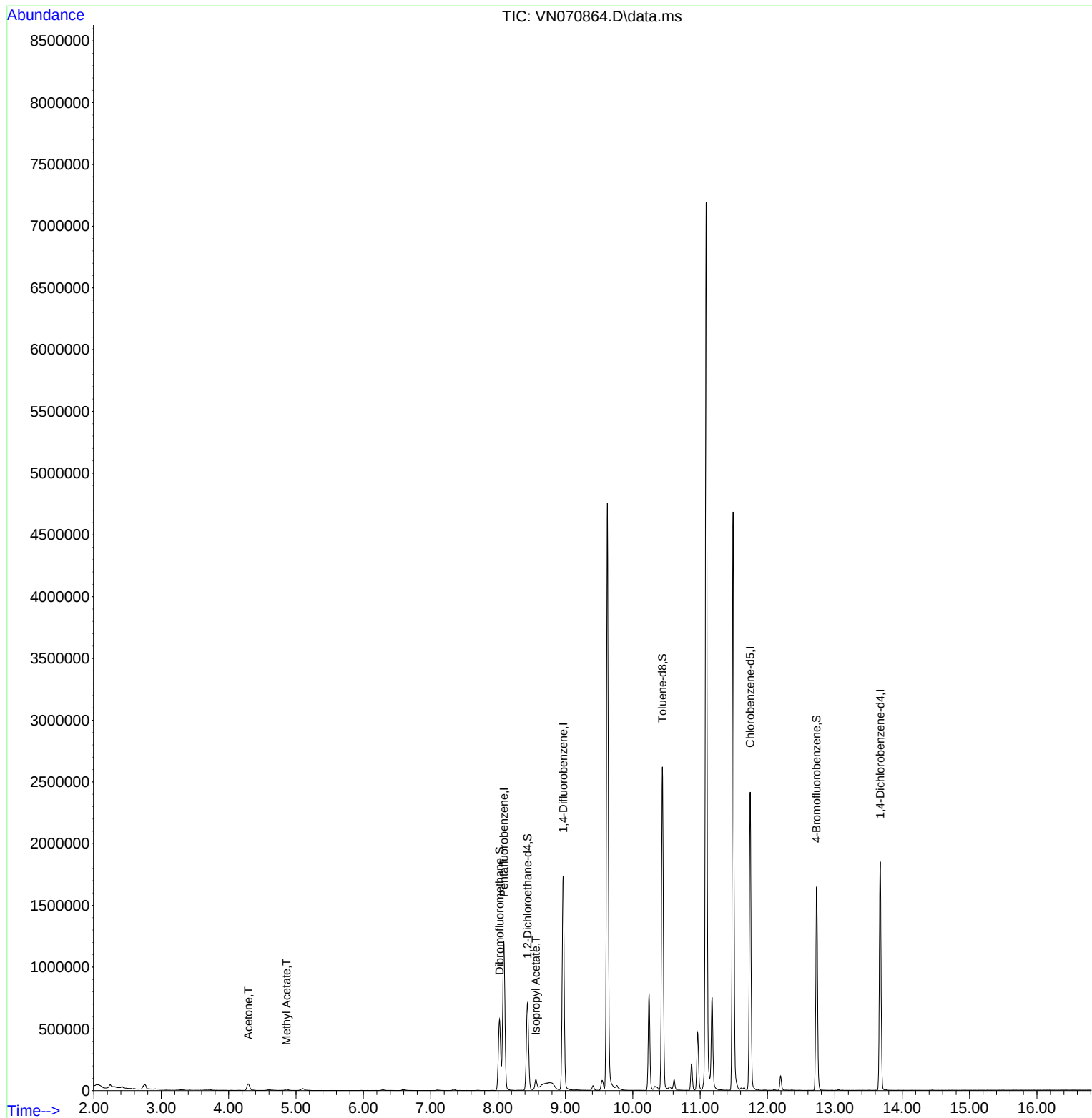
Internal Standards						
1) Pentafluorobenzene	8.086	168	916940	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	1479195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1365062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	505427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	628259	47.808	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.620%
35) Dibromofluoromethane	8.021	113	424888	46.307	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.620%
50) Toluene-d8	10.440	98	1836166	47.503	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.000%
62) 4-Bromofluorobenzene	12.728	95	604736	43.904	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.800%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	99530	10.912	ug/l	96
18) Methyl Acetate	4.859	43	19667	1.096	ug/l	# 88
43) Isopropyl Acetate	8.560	43	111430	3.557	ug/l	# 82

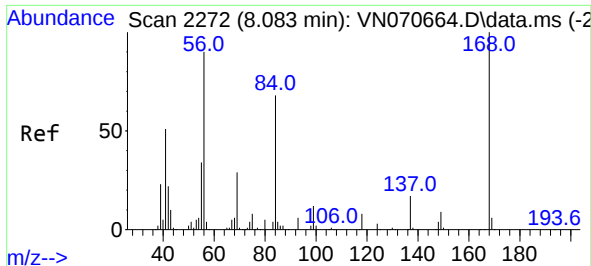
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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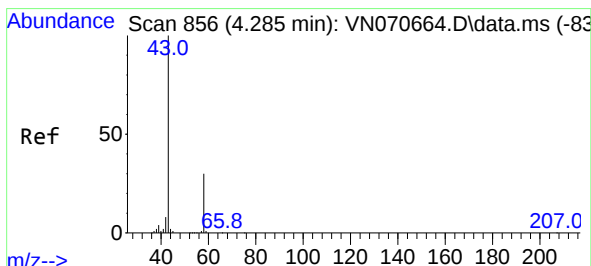
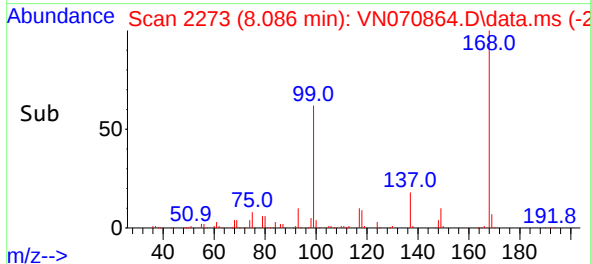
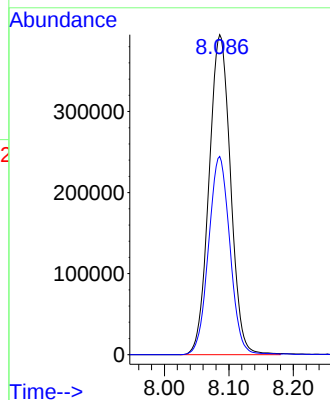
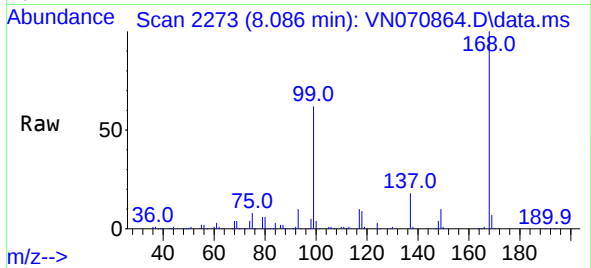




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070864.D
Acq: 31 Jan 2022 20:22

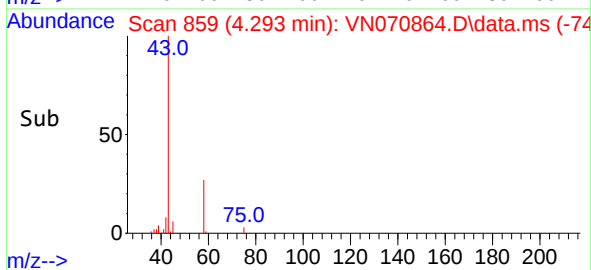
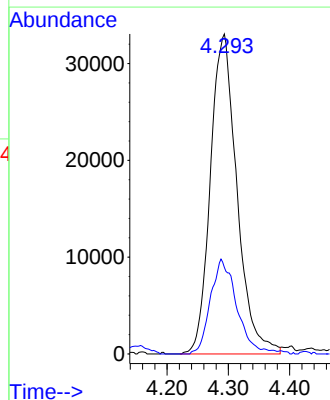
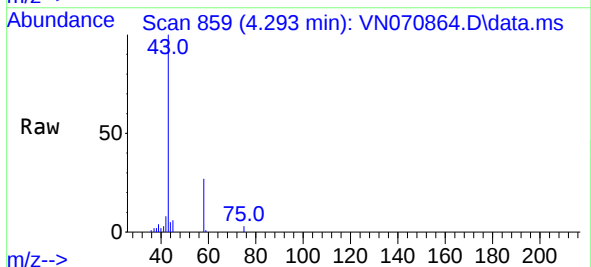
Instrument :
MSVOA_N
ClientSampleId :
TES-4

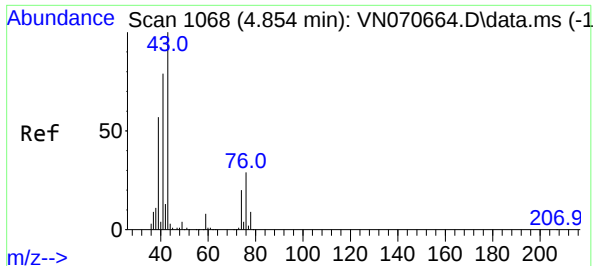
Tgt Ion:168 Resp: 916940
Ion Ratio Lower Upper
168 100
99 62.0 41.3 61.9#



#16
Acetone
Concen: 10.912 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070864.D
Acq: 31 Jan 2022 20:22

Tgt Ion: 43 Resp: 99530
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7

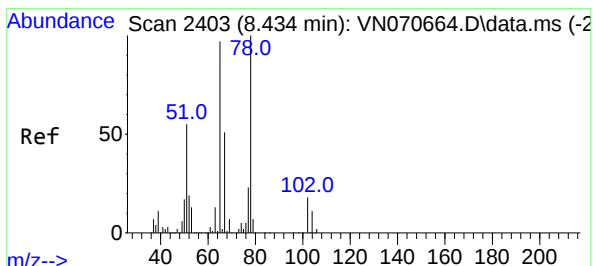
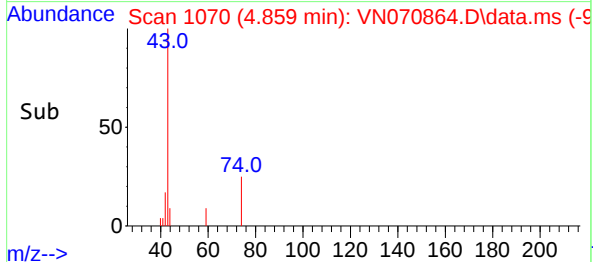
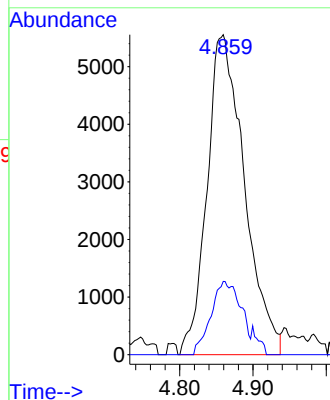
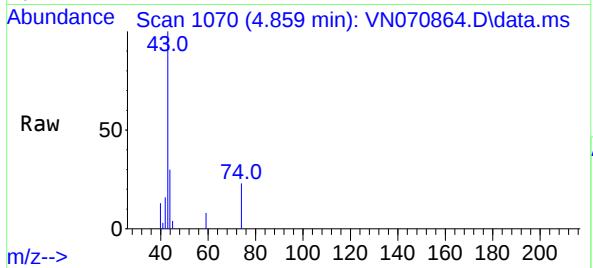




#18
Methyl Acetate
Concen: 1.096 ug/l
RT: 4.859 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN070864.D
Acq: 31 Jan 2022 20:22

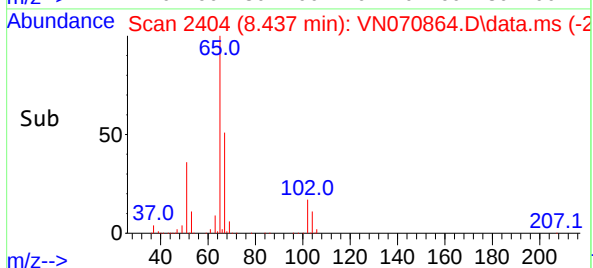
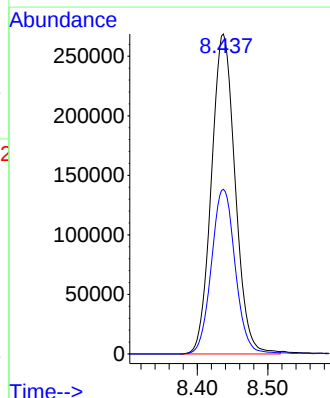
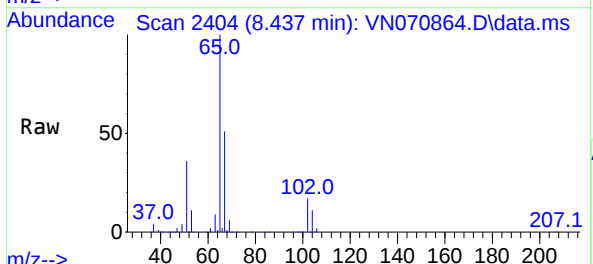
Instrument :
MSVOA_N
ClientSampleId :
TES-4

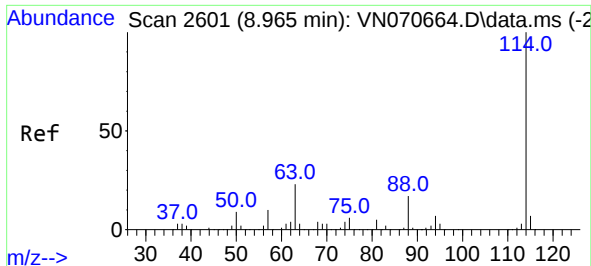
Tgt Ion: 43 Resp: 19667
Ion Ratio Lower Upper
43 100
74 18.3 19.4 29.2#



#33
1,2-Dichloroethane-d4
Concen: 47.808 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070864.D
Acq: 31 Jan 2022 20:22

Tgt Ion: 65 Resp: 628259
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN070864.D

Acq: 31 Jan 2022 20:22

Instrument :

MSVOA_N

ClientSampleId :

TES-4

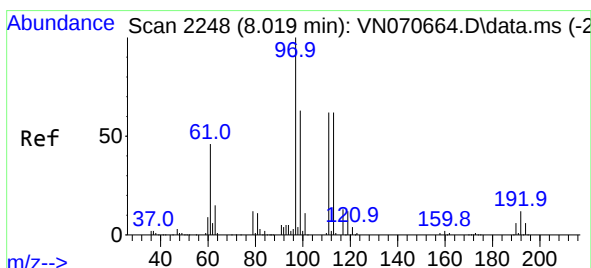
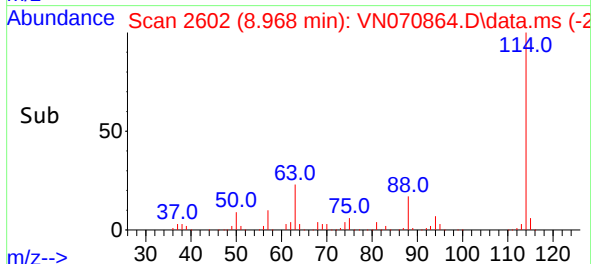
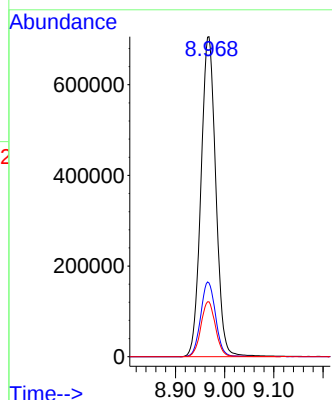
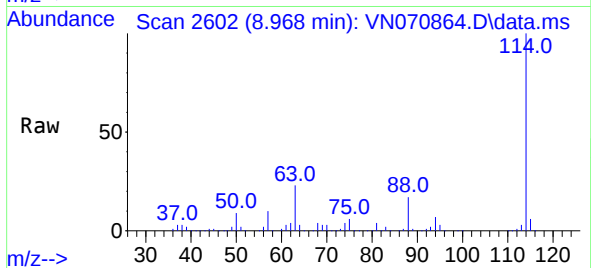
Tgt Ion:114 Resp: 1479195

Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

88 17.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.307 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.002 min

Lab File: VN070864.D

Acq: 31 Jan 2022 20:22

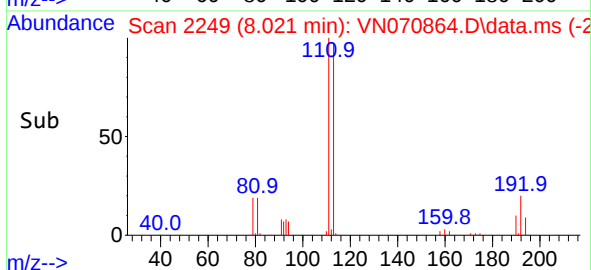
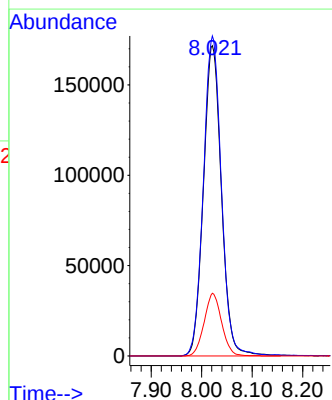
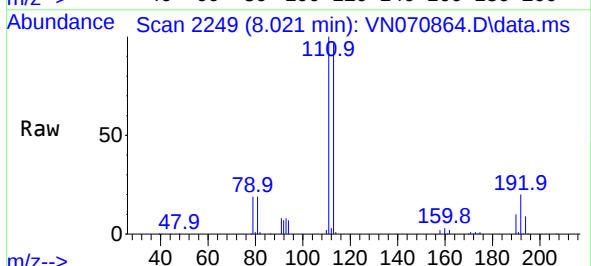
Tgt Ion:113 Resp: 424888

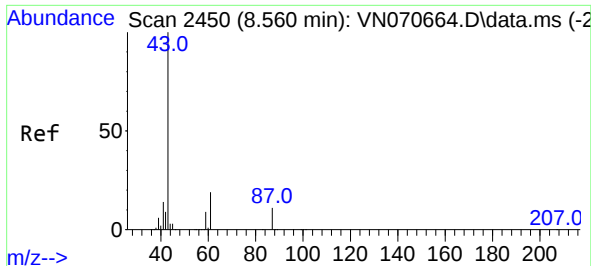
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 19.7 16.9 25.3

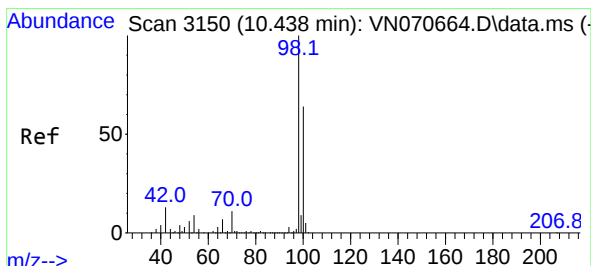
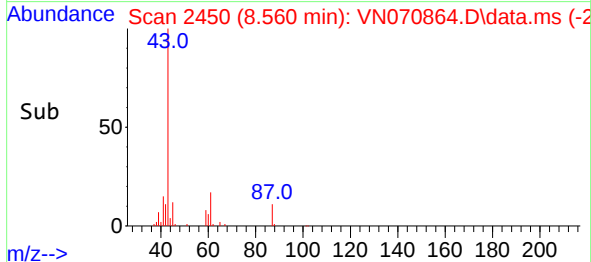
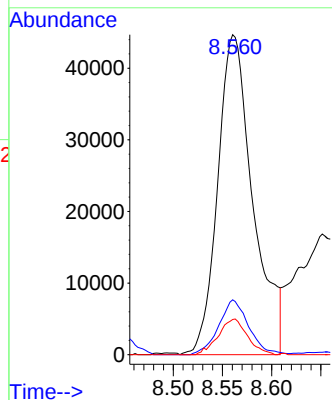
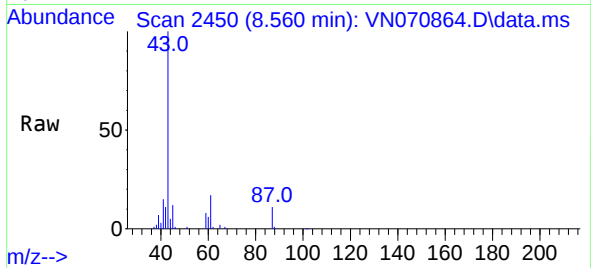




#43
Isopropyl Acetate
Concen: 3.557 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070864.D
Acq: 31 Jan 2022 20:22

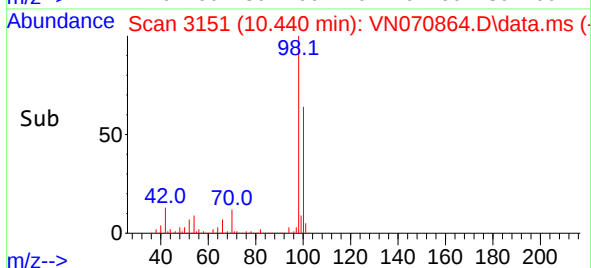
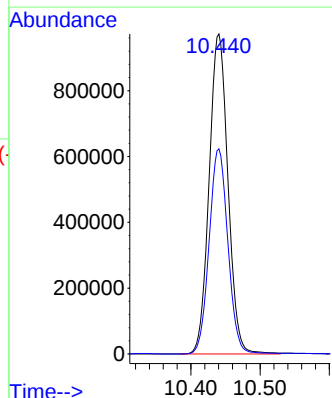
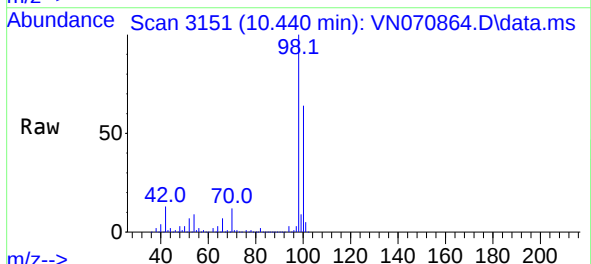
Instrument :
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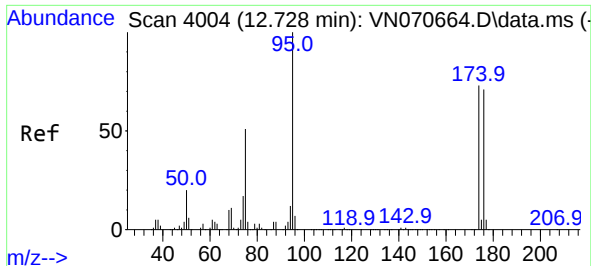
Tgt Ion: 43 Resp: 111430
Ion Ratio Lower Upper
43 100
61 14.6 20.4 30.6#
87 9.2 11.2 16.8#



#50
Toluene-d8
Concen: 47.503 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070864.D
Acq: 31 Jan 2022 20:22

Tgt Ion: 98 Resp: 1836166
Ion Ratio Lower Upper
98 100
100 64.0 50.4 75.6

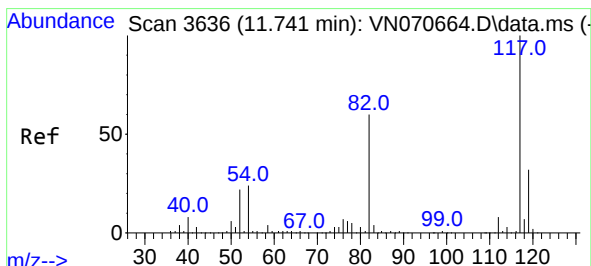
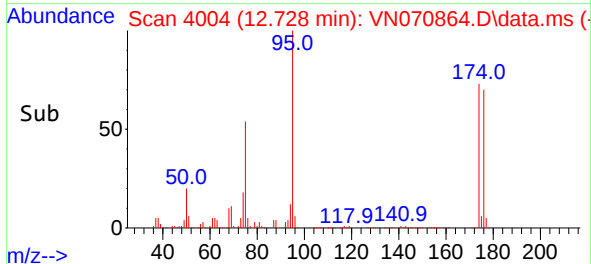
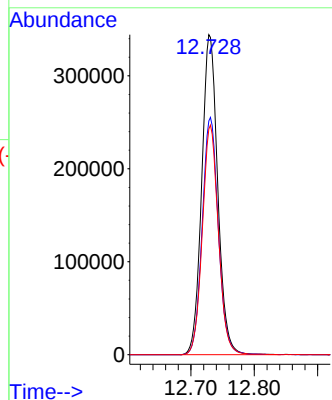
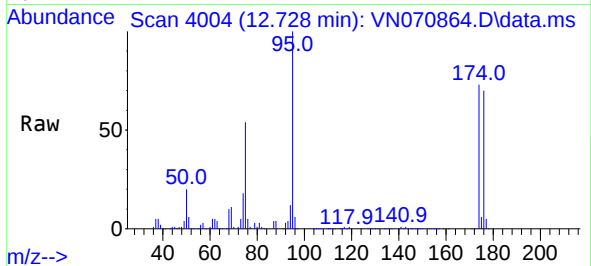




#62
4-Bromofluorobenzene
Concen: 43.904 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070864.D
Acq: 31 Jan 2022 20:22

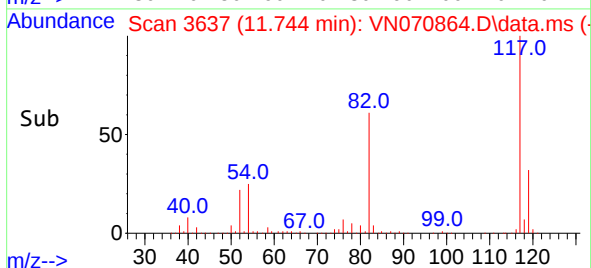
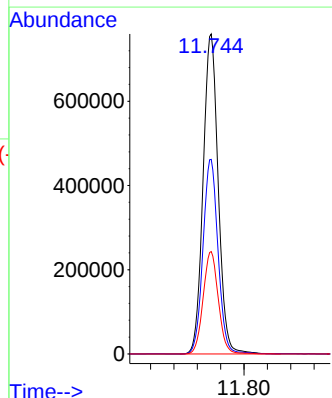
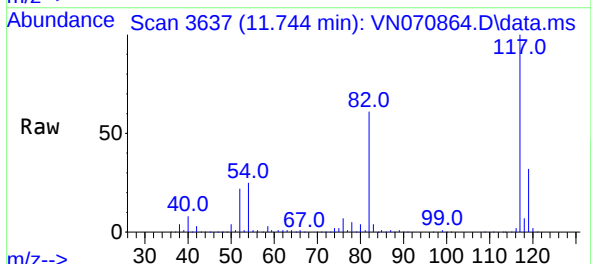
Instrument :
MSVOA_N
ClientSampleId :
TES-4

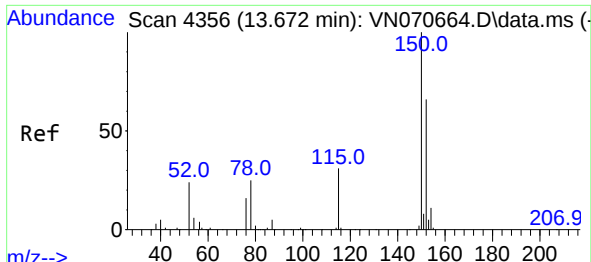
Tgt Ion: 95 Resp: 604736
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 71.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070864.D
Acq: 31 Jan 2022 20:22

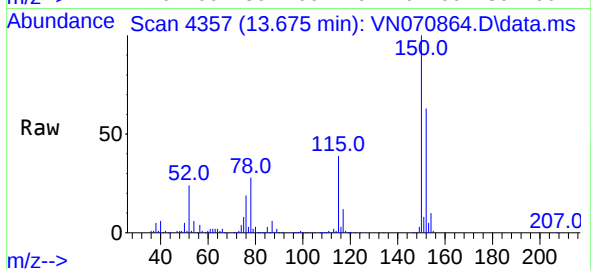
Tgt Ion: 117 Resp: 1365062
Ion Ratio Lower Upper
117 100
82 60.8 42.4 63.6
119 32.0 25.4 38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070864.D
Acq: 31 Jan 2022 20:22

Instrument :
MSVOA_N
ClientSampleId :
TES-4



Tgt Ion:152 Resp: 505427
Ion Ratio Lower Upper
152 100
115 62.7 27.5 82.5
150 158.4 0.0 344.4

