

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012422\
 Data File : VN070757.D
 Acq On : 24 Jan 2022 15:54
 Operator : JC/MD
 Sample : N1224-19
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AREA-2-B-3@7-BGS

Quant Time: Jan 24 23:32:44 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)

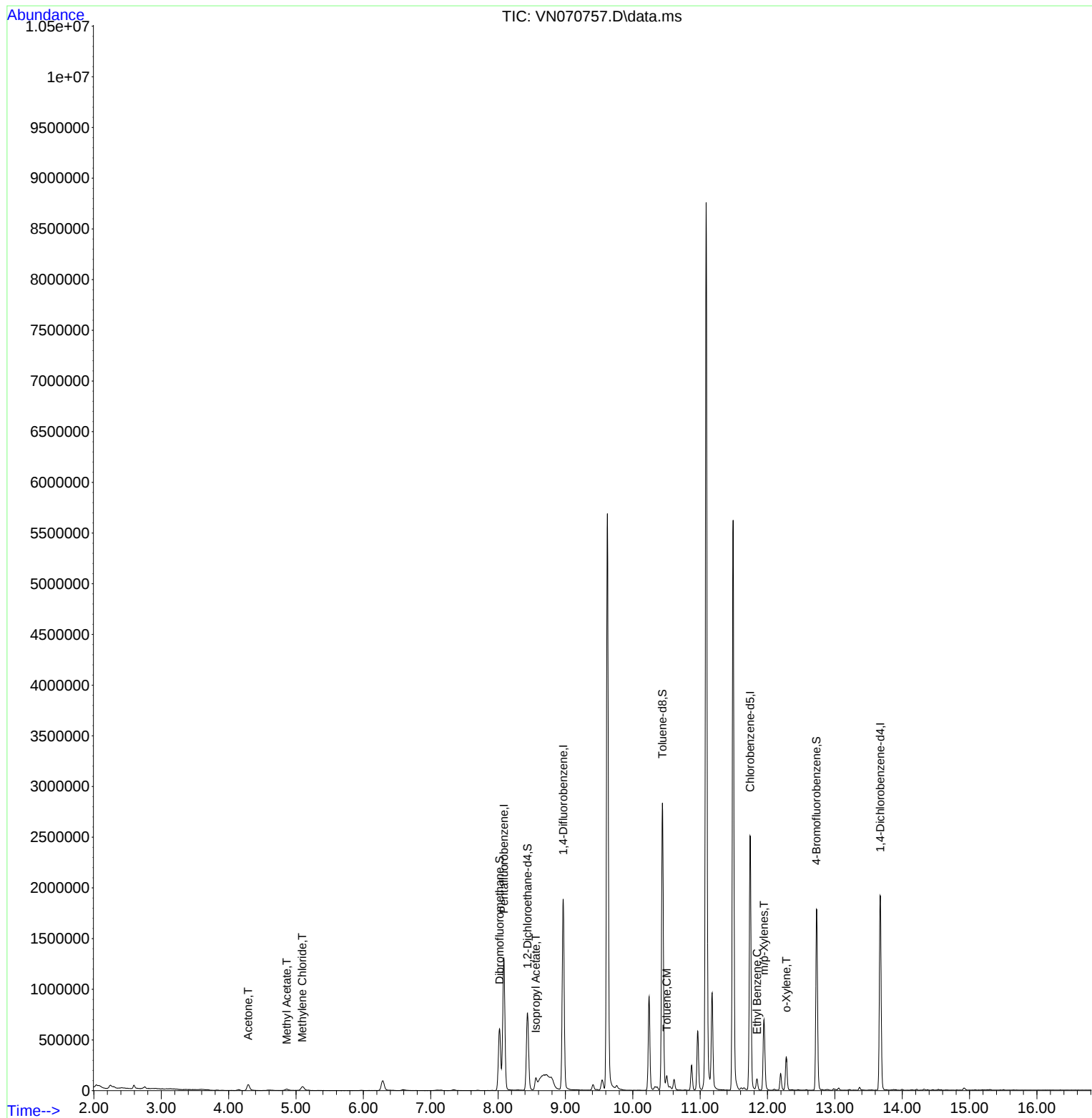
Internal Standards						
1) Pentafluorobenzene	8.085	168	979663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1597900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1436198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	538902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	667148	47.517	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.040%
35) Dibromofluoromethane	8.021	113	458129	46.221	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.440%
50) Toluene-d8	10.440	98	1980985	47.442	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.880%
62) 4-Bromofluorobenzene	12.728	95	664894	44.685	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.380%
Target Compounds						
					Qvalue	
16) Acetone	4.291	43	109484	11.235	ug/l	99
18) Methyl Acetate	4.864	43	28401	1.482	ug/l #	67
20) Methylene Chloride	5.092	84	27112	2.112	ug/l	89
43) Isopropyl Acetate	8.560	43	153248	4.529	ug/l #	81
52) Toluene	10.505	92	55802	1.804	ug/l	98
67) Ethyl Benzene	11.843	91	76968	1.334	ug/l	97
68) m/p-Xylenes	11.948	106	216730	10.327	ug/l	90
69) o-Xylene	12.280	106	89136	4.280	ug/l	88

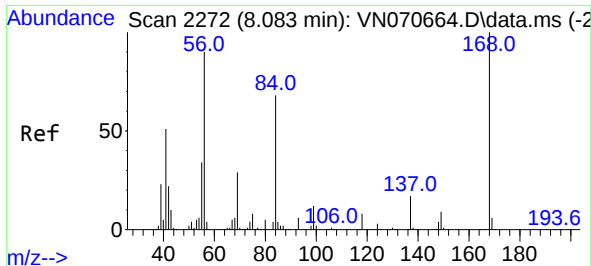
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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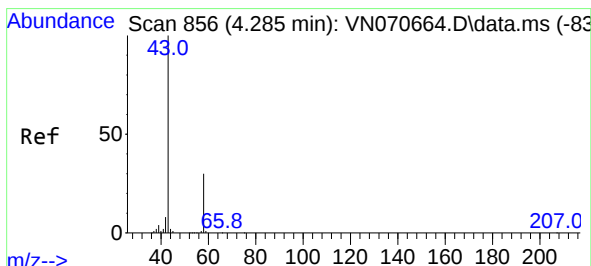
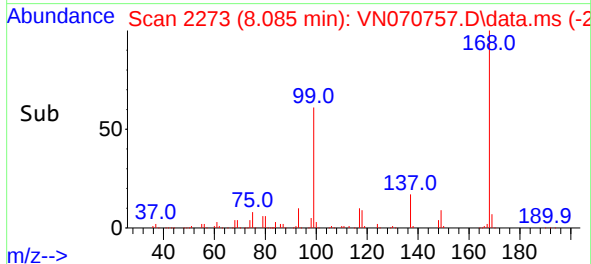
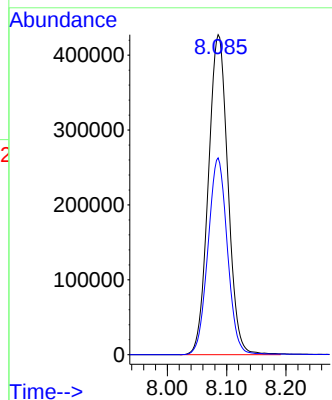
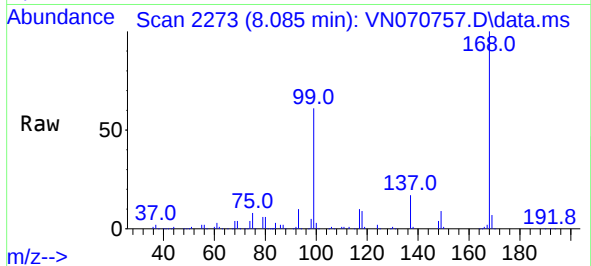




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070757.D
Acq: 24 Jan 2022 15:54

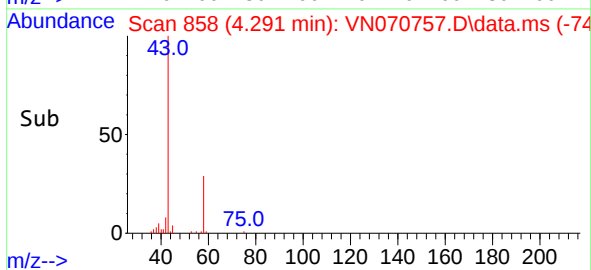
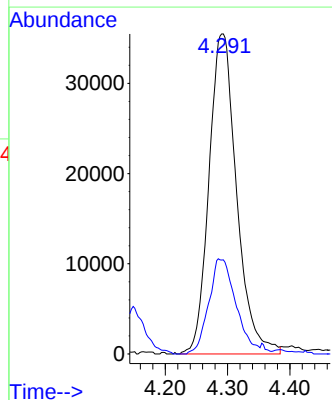
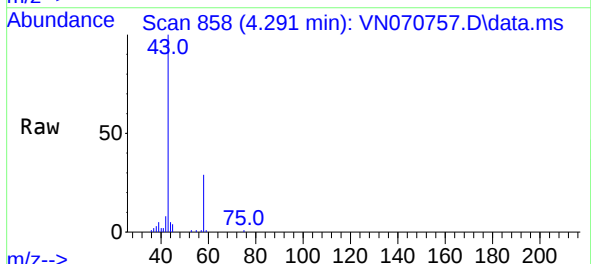
Instrument :
MSVOA_N
ClientSampleId :
AREA-2-B-3@7-BGS

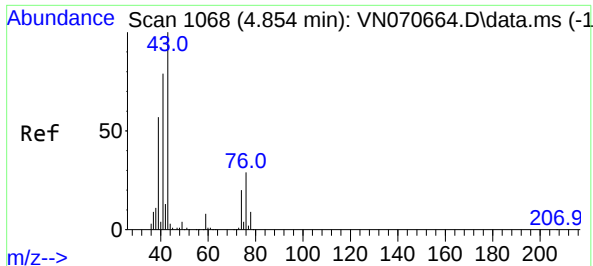
Tgt Ion:168 Resp: 979663
Ion Ratio Lower Upper
168 100
99 61.5 41.3 61.9



#16
Acetone
Concen: 11.235 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070757.D
Acq: 24 Jan 2022 15:54

Tgt Ion: 43 Resp: 109484
Ion Ratio Lower Upper
43 100
58 29.4 23.1 34.7





#18

Methyl Acetate

Concen: 1.482 ug/l

RT: 4.864 min Scan# 1

Delta R.T. 0.010 min

Lab File: VN070757.D

Acq: 24 Jan 2022 15:54

Instrument :

MSVOA_N

ClientSampleId :

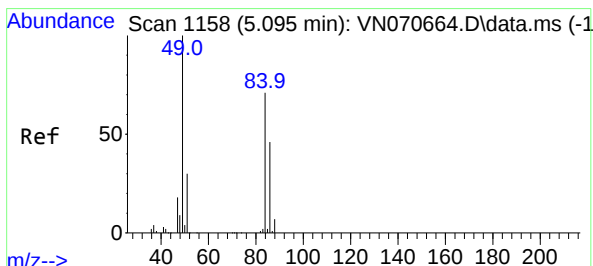
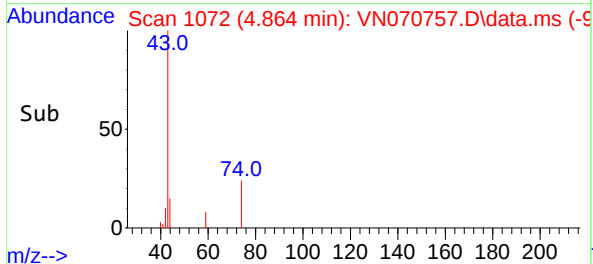
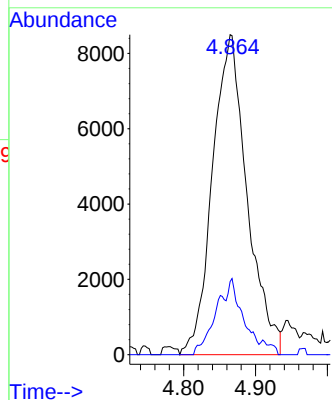
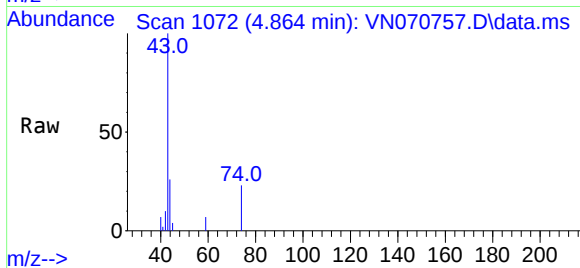
AREA-2-B-3@7-BGS

Tgt Ion: 43 Resp: 28401

Ion Ratio Lower Upper

43 100

74 8.1 19.4 29.2#



#20

Methylene Chloride

Concen: 2.112 ug/l

RT: 5.092 min Scan# 1157

Delta R.T. -0.003 min

Lab File: VN070757.D

Acq: 24 Jan 2022 15:54

Tgt Ion: 84 Resp: 27112

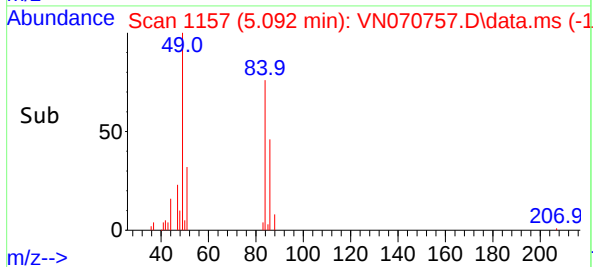
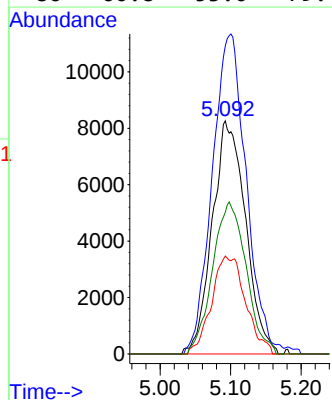
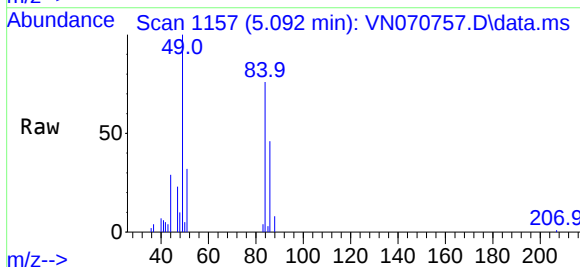
Ion Ratio Lower Upper

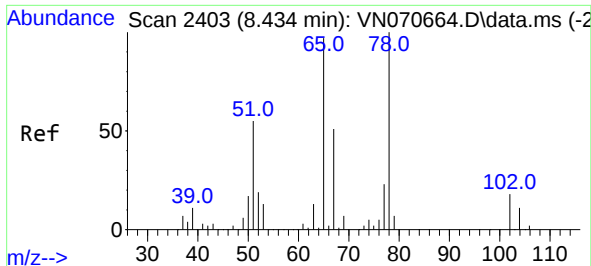
84 100

49 132.2 93.5 140.3

51 42.0 29.4 44.2

86 60.8 53.0 79.4

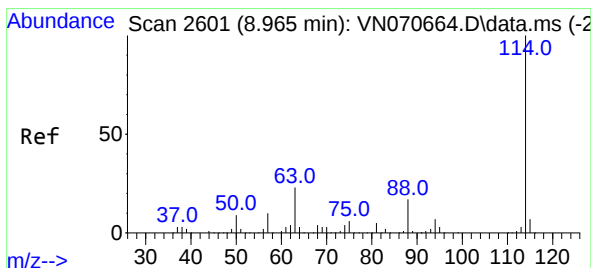
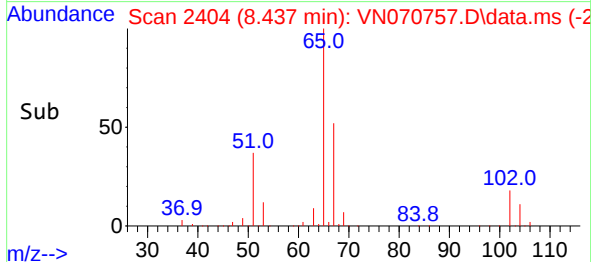
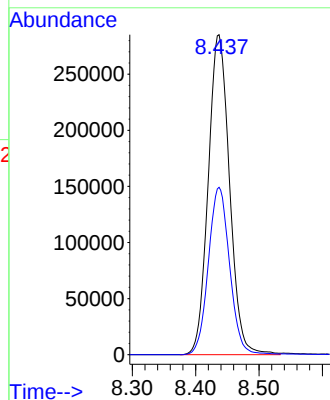
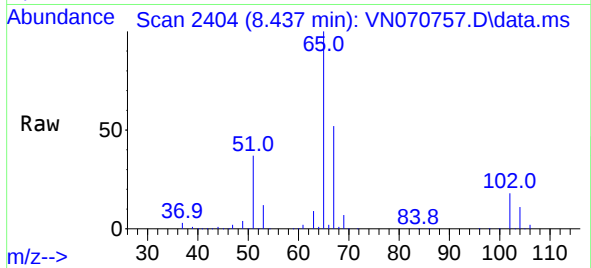




#33
1,2-Dichloroethane-d4
Concen: 47.517 ug/l
RT: 8.437 min Scan# 2403
Delta R.T. 0.003 min
Lab File: VN070757.D
Acq: 24 Jan 2022 15:54

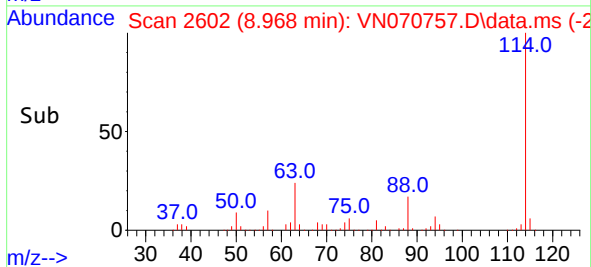
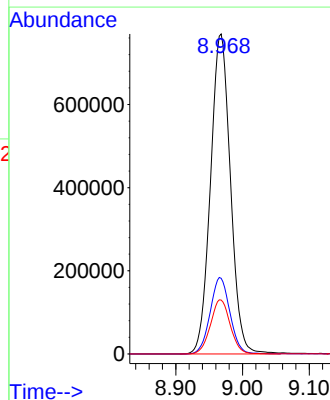
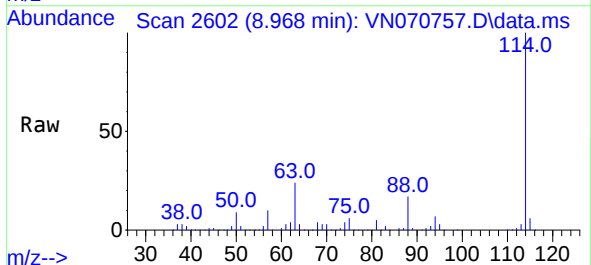
Instrument :
MSVOA_N
ClientSampleId :
AREA-2-B-3@7-BGS

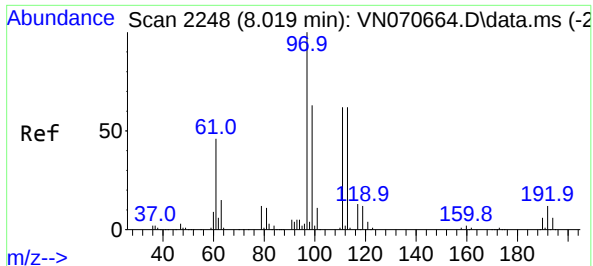
Tgt Ion: 65 Resp: 667148
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.003 min
Lab File: VN070757.D
Acq: 24 Jan 2022 15:54

Tgt Ion: 114 Resp: 1597900
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.9 0.0 27.4

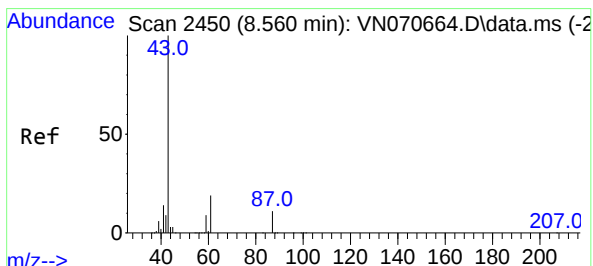
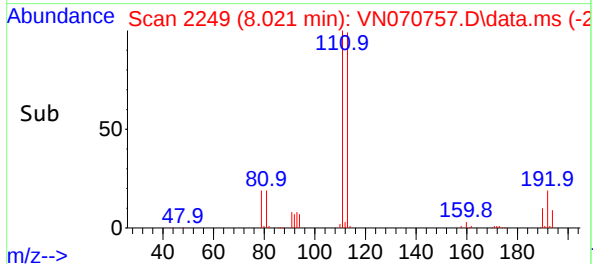
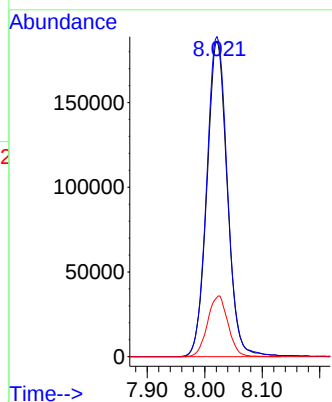
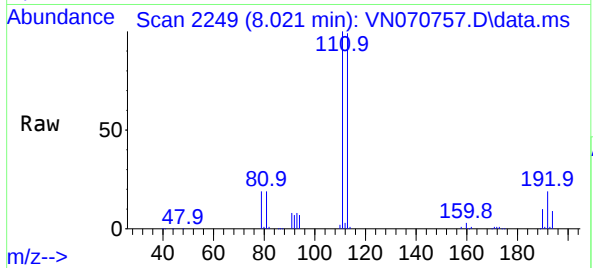




#35
Dibromofluoromethane
Concen: 46.221 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.002 min
Lab File: VN070757.D
Acq: 24 Jan 2022 15:54

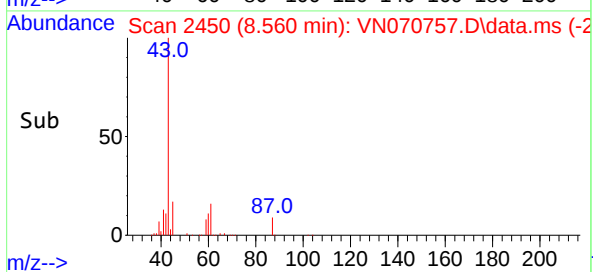
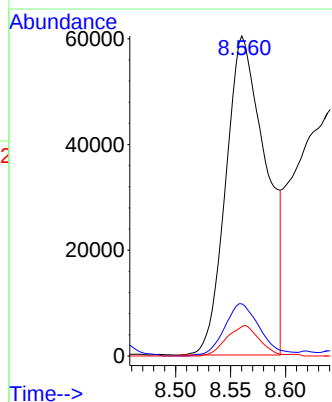
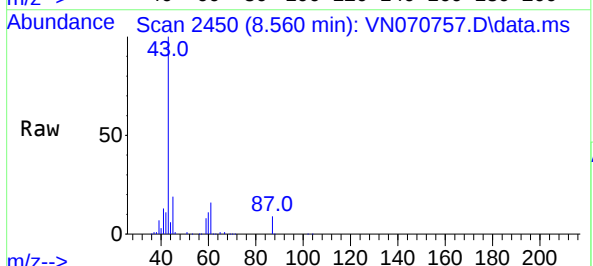
Instrument :
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ClientSampleId :
AREA-2-B-3@7-BGS

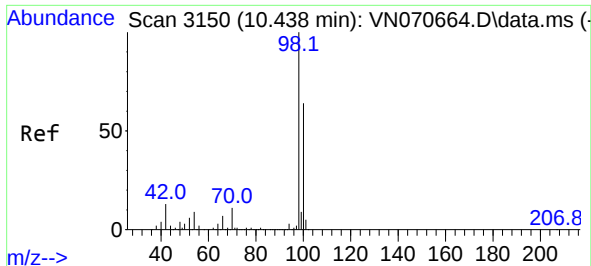
Tgt Ion:113 Resp: 458129
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.4 16.9 25.3



#43
Isopropyl Acetate
Concen: 4.529 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070757.D
Acq: 24 Jan 2022 15:54

Tgt Ion: 43 Resp: 153248
Ion Ratio Lower Upper
43 100
61 14.5 20.4 30.6#
87 7.8 11.2 16.8#

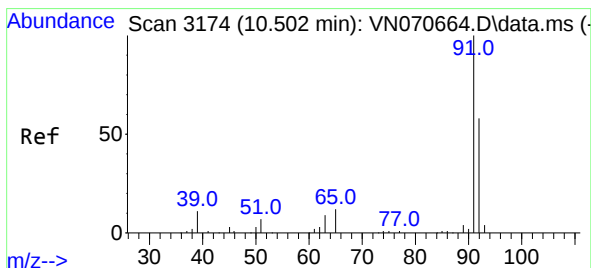
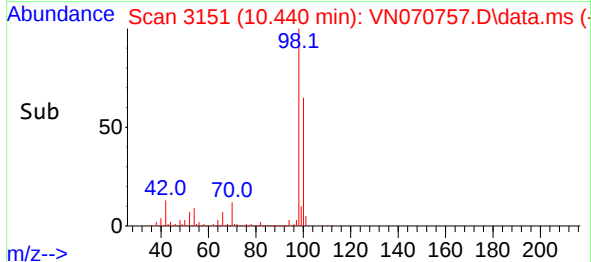
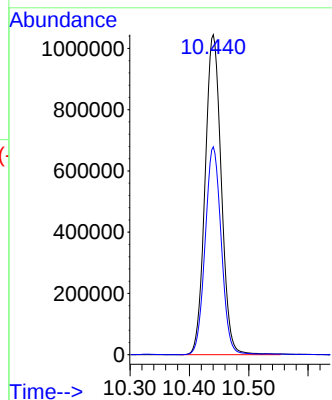
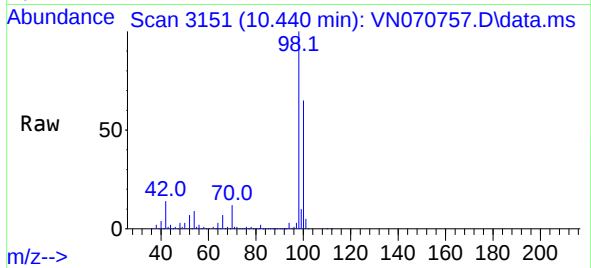




#50
Toluene-d8
Concen: 47.442 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070757.D
Acq: 24 Jan 2022 15:54

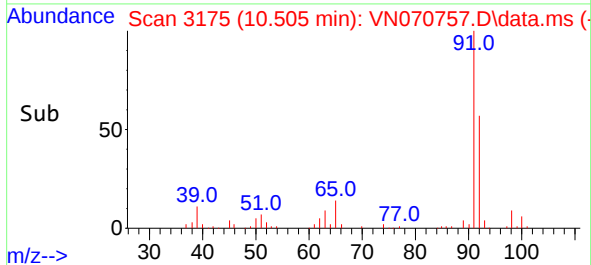
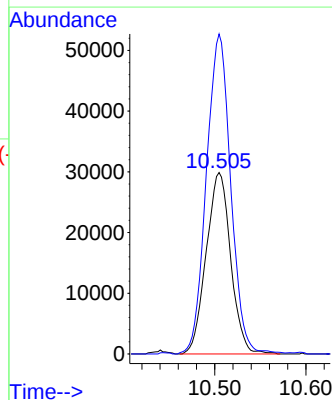
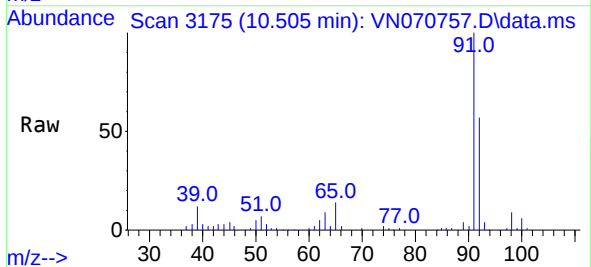
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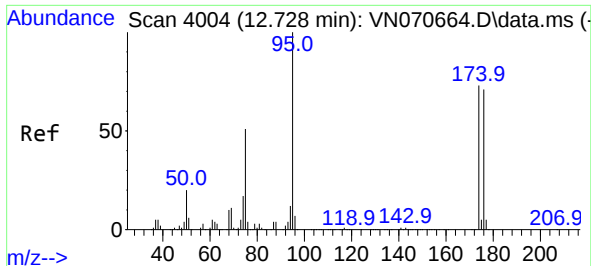
Tgt Ion: 98 Resp: 1980985
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#52
Toluene
Concen: 1.804 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070757.D
Acq: 24 Jan 2022 15:54

Tgt Ion: 92 Resp: 55802
Ion Ratio Lower Upper
92 100
91 175.3 142.0 213.0

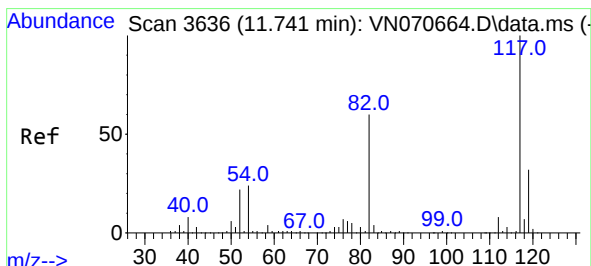
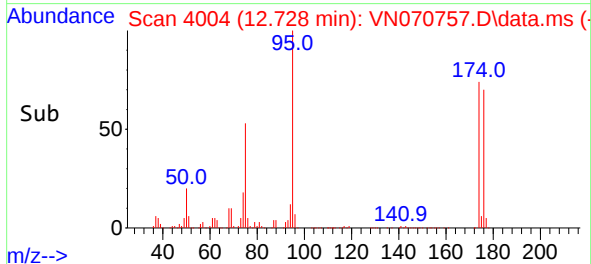
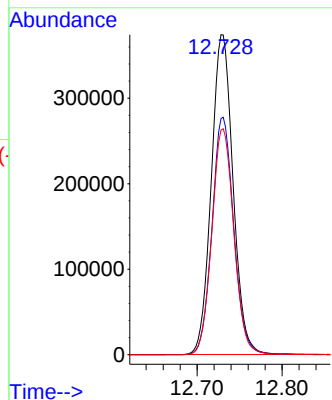
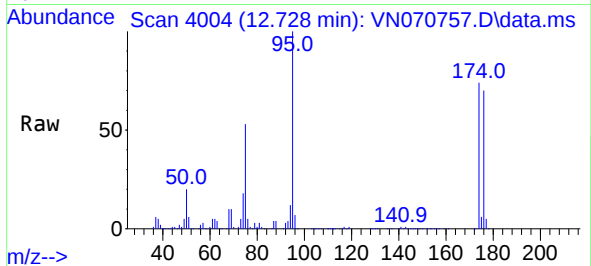




#62
4-Bromofluorobenzene
Concen: 44.685 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.000 min
Lab File: VN070757.D
Acq: 24 Jan 2022 15:54

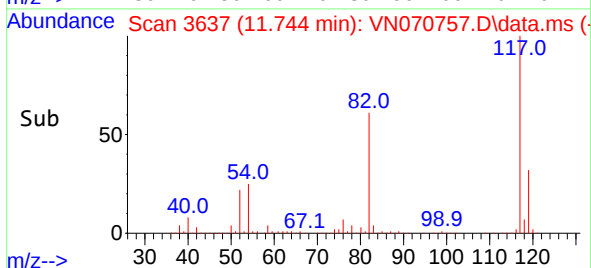
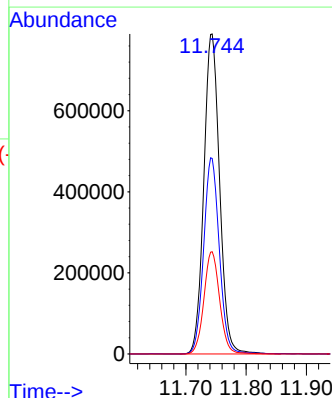
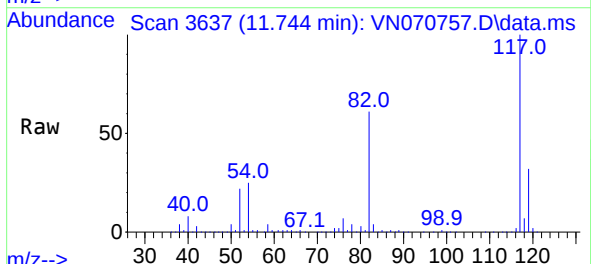
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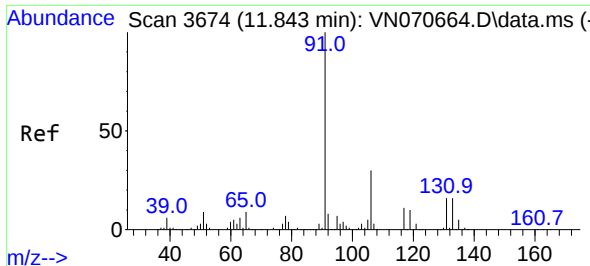
Tgt Ion: 95 Resp: 664894
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 71.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070757.D
Acq: 24 Jan 2022 15:54

Tgt Ion: 117 Resp: 1436198
Ion Ratio Lower Upper
117 100
82 61.1 42.4 63.6
119 32.0 25.4 38.2

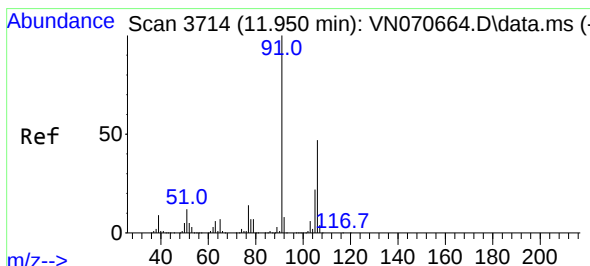
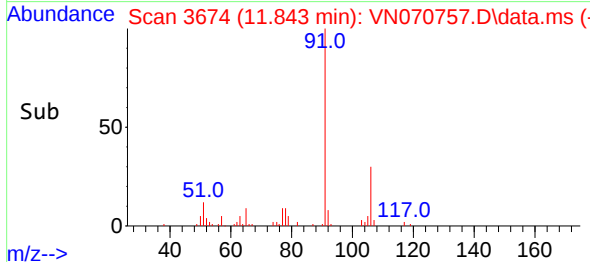
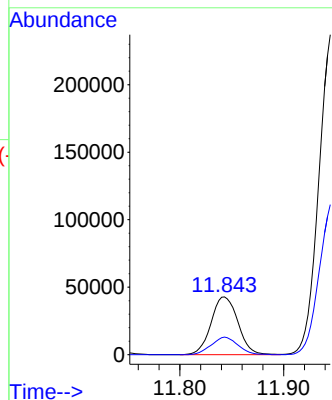
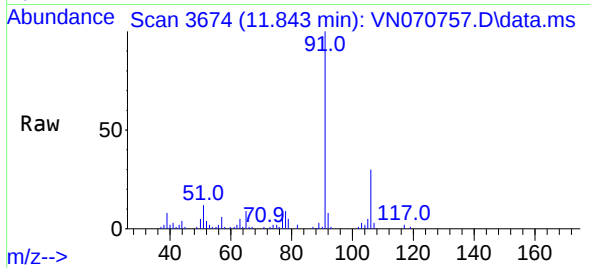




#67
Ethyl Benzene
Concen: 1.334 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070757.D
Acq: 24 Jan 2022 15:54

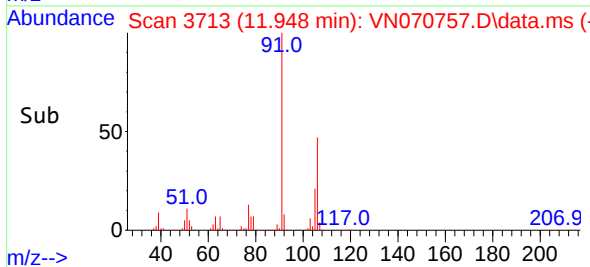
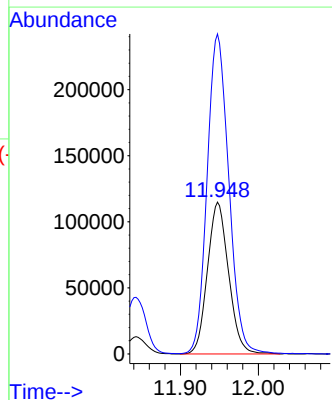
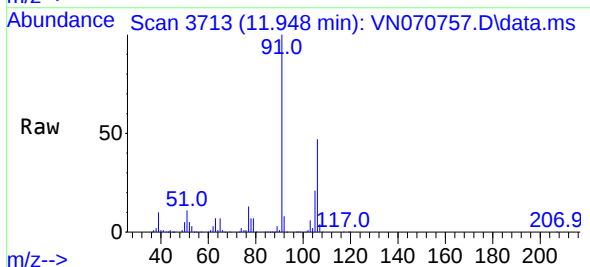
Instrument :
MSVOA_N
ClientSampleId :
AREA-2-B-3@7-BGS

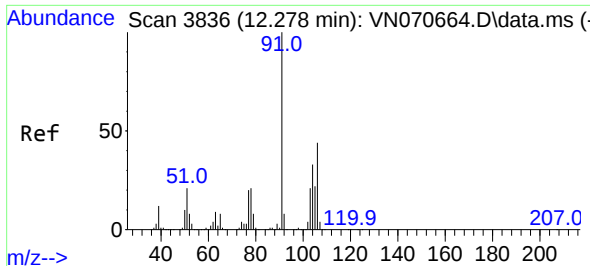
Tgt Ion: 91 Resp: 76968
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5



#68
m/p-Xylenes
Concen: 10.327 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.002 min
Lab File: VN070757.D
Acq: 24 Jan 2022 15:54

Tgt Ion:106 Resp: 216730
Ion Ratio Lower Upper
106 100
91 215.7 160.6 240.8

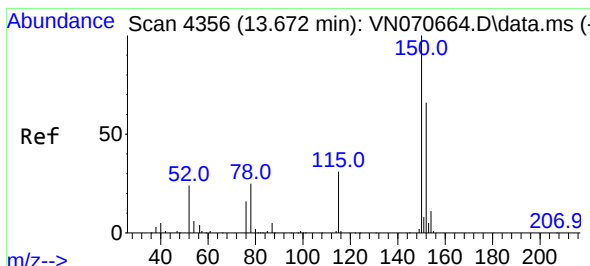
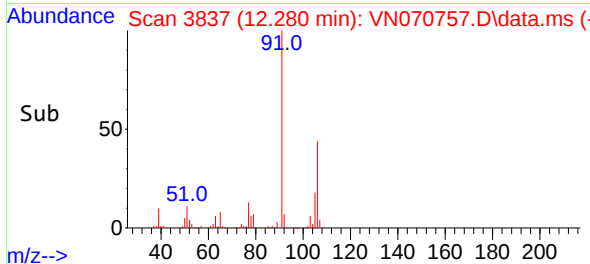
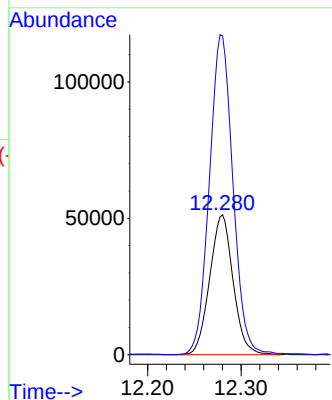
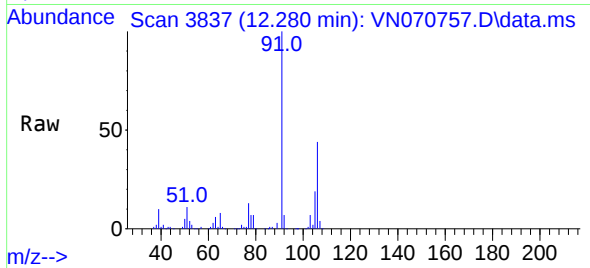




#69
o-Xylene
Concen: 4.280 ug/l
RT: 12.280 min Scan# 3836
Delta R.T. 0.002 min
Lab File: VN070757.D
Acq: 24 Jan 2022 15:54

Instrument :
MSVOA_N
ClientSampleId :
AREA-2-B-3@7-BGS

Tgt Ion:106 Resp: 89136
Ion Ratio Lower Upper
106 100
91 230.7 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070757.D
Acq: 24 Jan 2022 15:54

Tgt Ion:152 Resp: 538902
Ion Ratio Lower Upper
152 100
115 62.2 27.5 82.5
150 157.0 0.0 344.4

