

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070685.D
 Acq On : 18 Jan 2022 23:39
 Operator : JC/MD
 Sample : N1148-09DL 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-49DL

Quant Time: Jan 19 03:42:56 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)

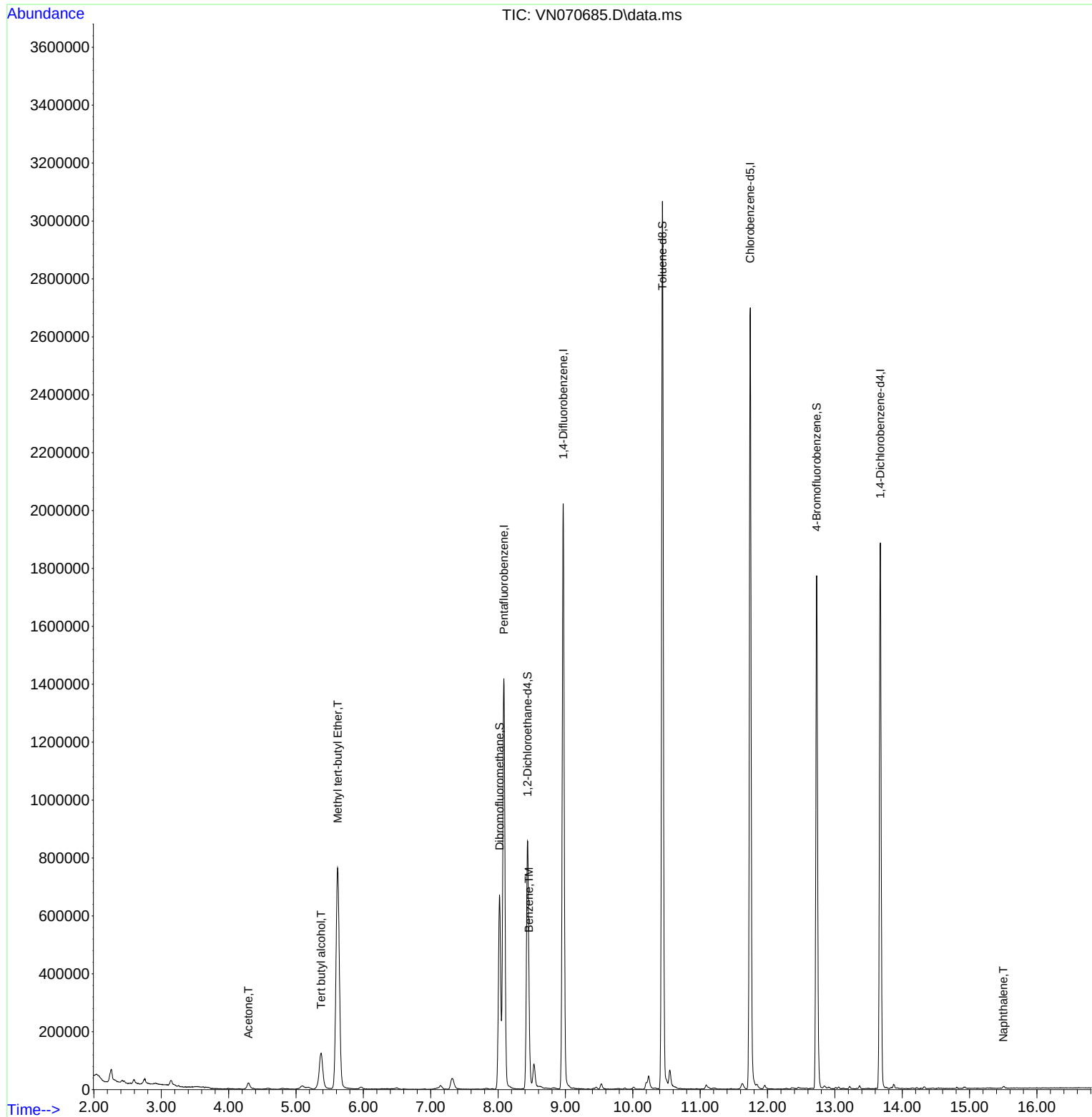
Internal Standards						
1) Pentafluorobenzene	8.086	168	1076514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1722314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1518487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	519369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	707543	45.861	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.720%
35) Dibromofluoromethane	8.021	113	498152	46.628	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.260%
50) Toluene-d8	10.441	98	2133740	47.409	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.820%
62) 4-Bromofluorobenzene	12.731	95	669076	41.718	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.372	59	244551	87.859	ug/l	96
16) Acetone	4.293	43	35906	3.353	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	1232597	28.972	ug/l	95
40) Benzene	8.459	78	69661	1.250	ug/l	94
95) Naphthalene	15.501	128	5634	5.137	ug/l #	93

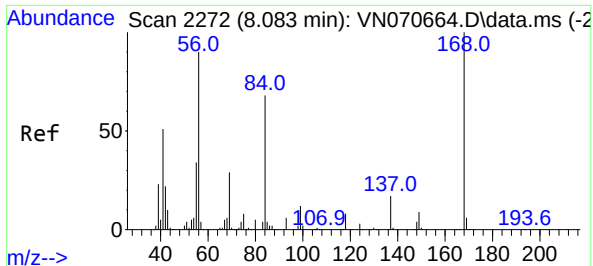
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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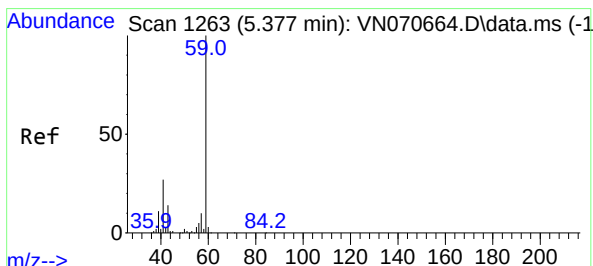
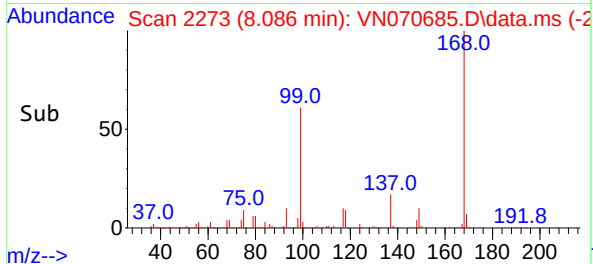
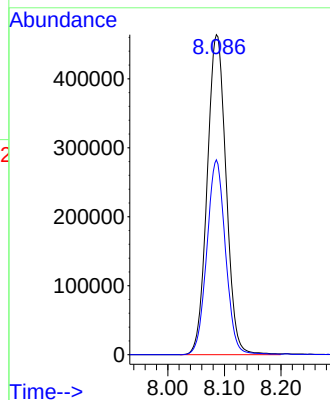
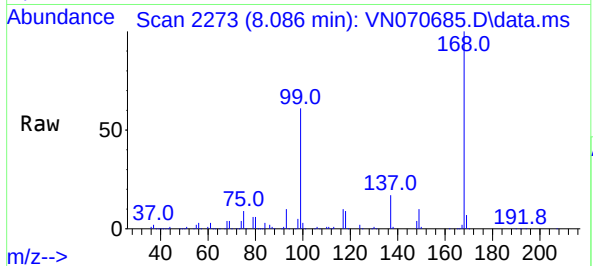




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

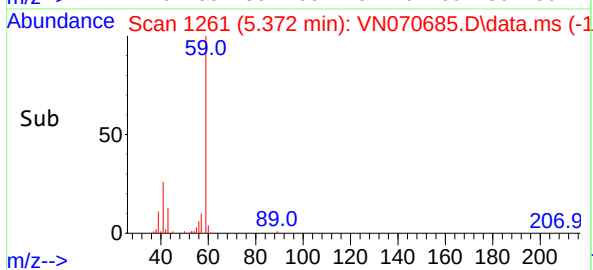
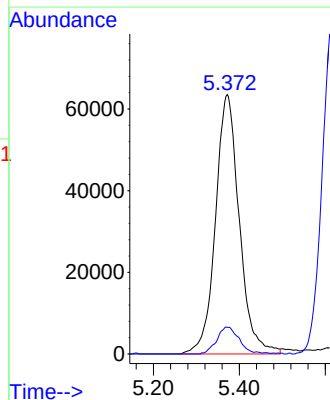
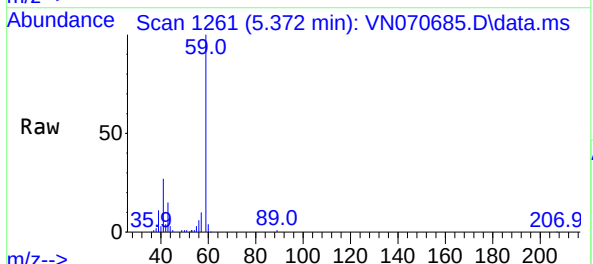
Instrument :
MSVOA_N
ClientSampleId :
MW-49DL

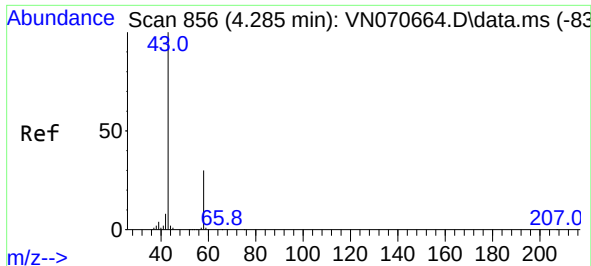
Tgt Ion:168 Resp: 1076514
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9



#11
Tert butyl alcohol
Concen: 87.859 ug/l
RT: 5.372 min Scan# 1261
Delta R.T. -0.005 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

Tgt Ion: 59 Resp: 244551
Ion Ratio Lower Upper
59 100
57 9.5 8.7 13.1

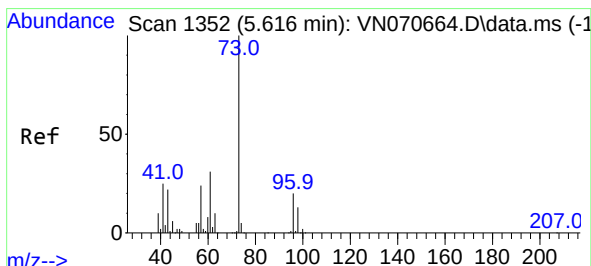
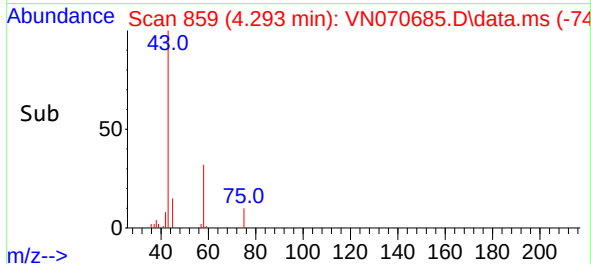
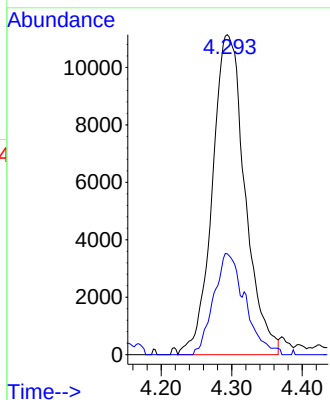
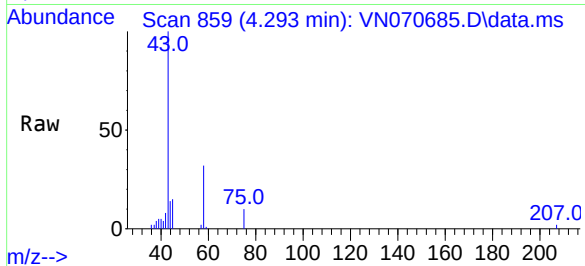




#16
Acetone
Concen: 3.353 ug/l
RT: 4.293 min Scan# 856
Delta R.T. 0.008 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

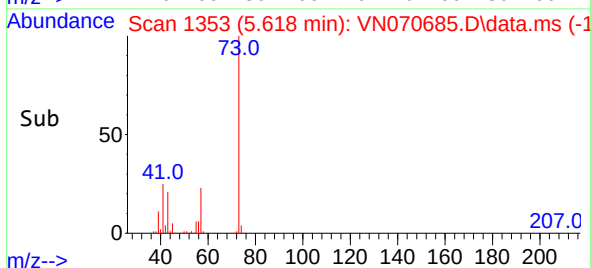
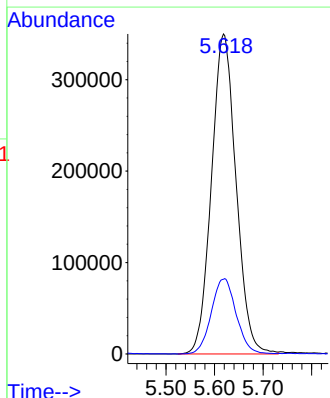
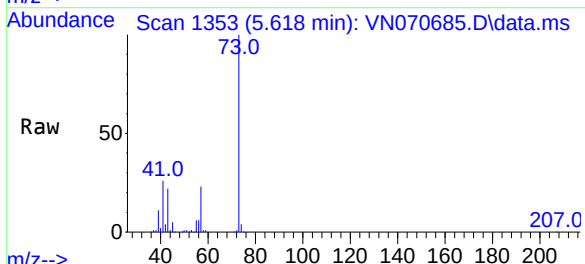
Instrument :
MSVOA_N
ClientSampleId :
MW-49DL

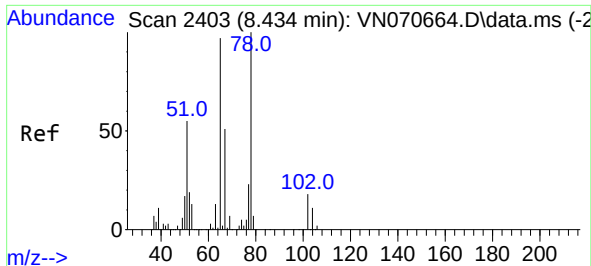
Tgt Ion: 43 Resp: 35906
Ion Ratio Lower Upper
43 100
58 31.5 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 28.972 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.002 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

Tgt Ion: 73 Resp: 1232597
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

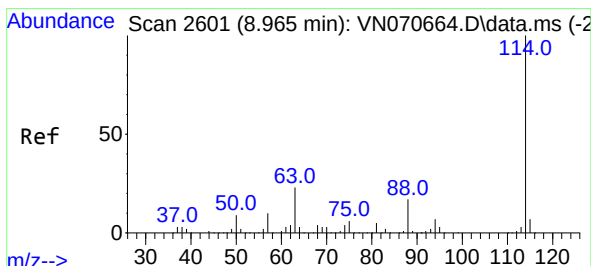
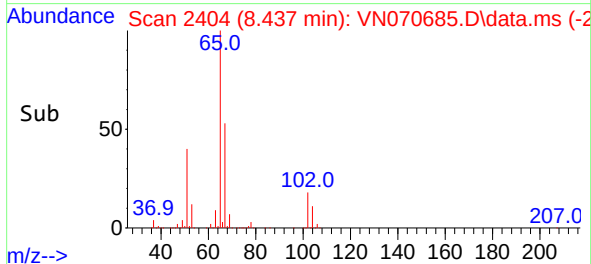
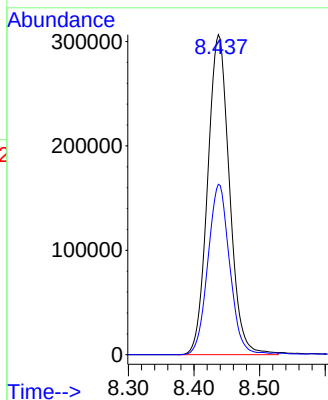
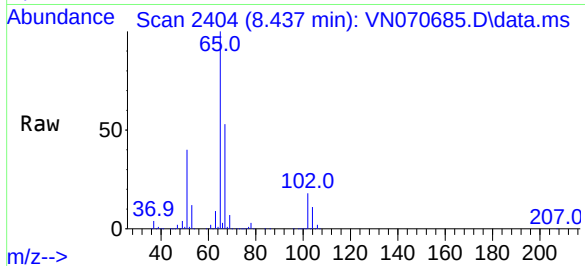




#33
1,2-Dichloroethane-d4
Concen: 45.861 ug/l
RT: 8.437 min Scan# 2403
Delta R.T. 0.003 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

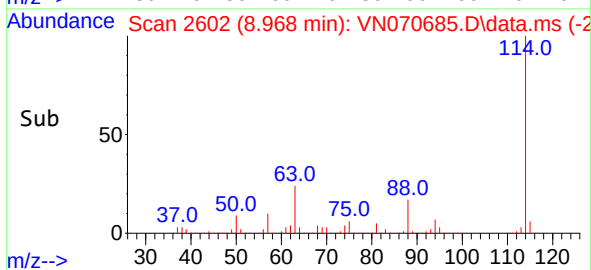
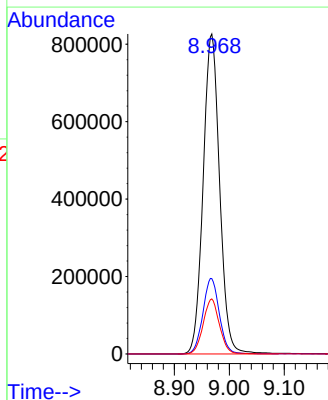
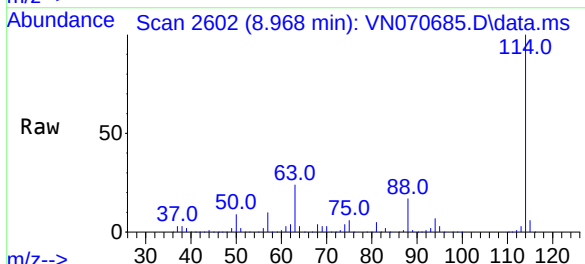
Instrument :
MSVOA_N
ClientSampleId :
MW-49DL

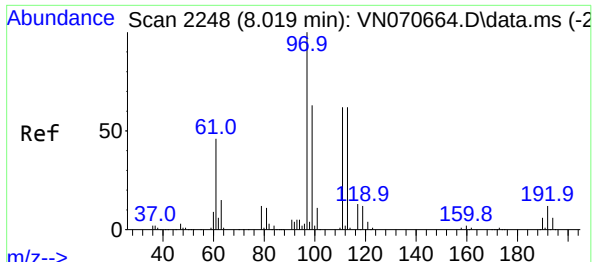
Tgt Ion: 65 Resp: 707543
Ion Ratio Lower Upper
65 100
67 53.2 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.003 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

Tgt Ion: 114 Resp: 1722314
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 17.2 0.0 27.4

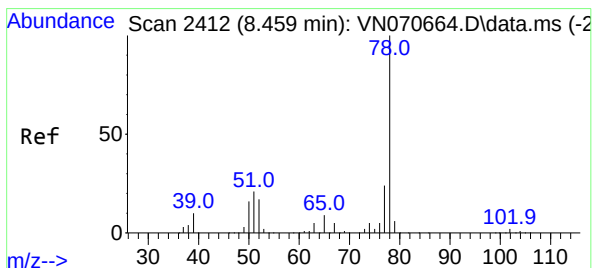
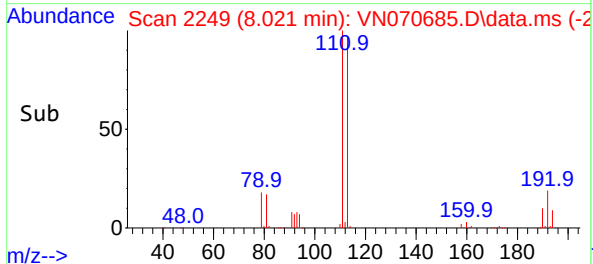
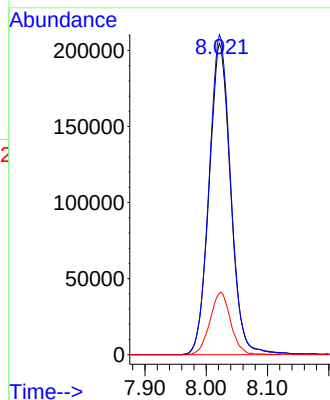
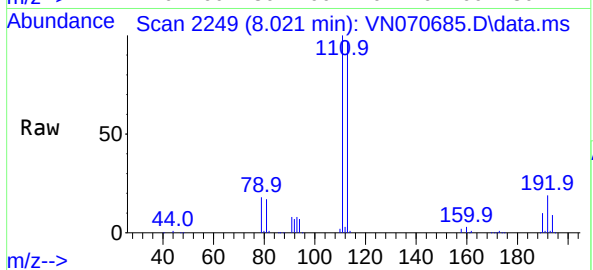




#35
Dibromofluoromethane
Concen: 46.628 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.002 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

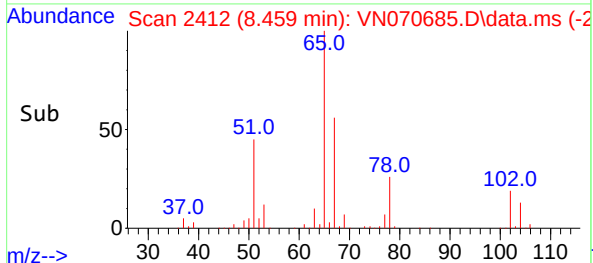
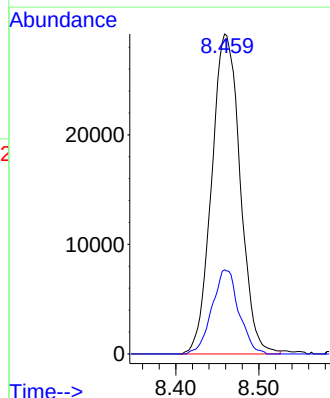
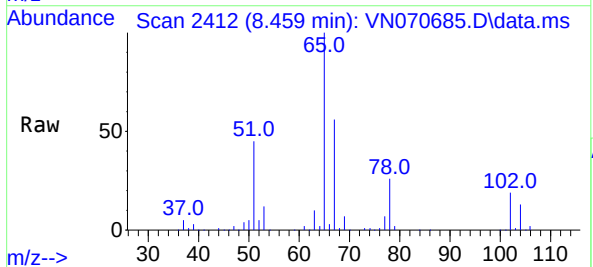
Instrument :
MSVOA_N
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MW-49DL

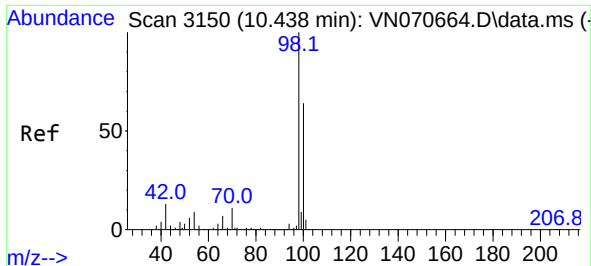
Tgt Ion:113 Resp: 498152
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.3 16.9 25.3



#40
Benzene
Concen: 1.250 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.000 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

Tgt Ion: 78 Resp: 69661
Ion Ratio Lower Upper
78 100
77 26.3 18.6 27.8

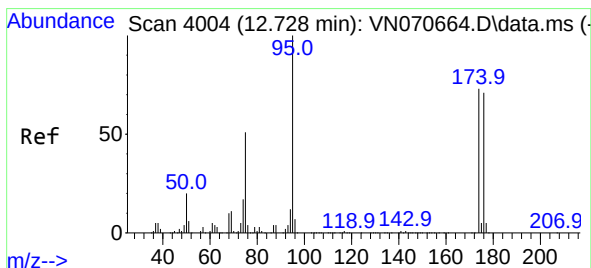
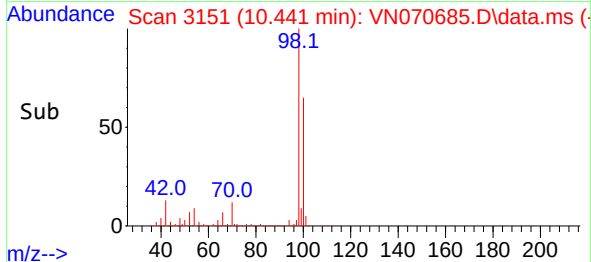
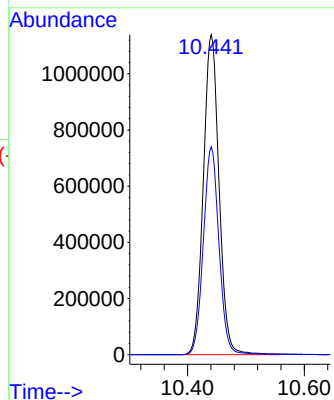
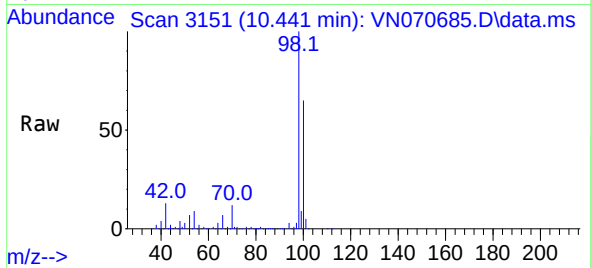




#50
Toluene-d8
Concen: 47.409 ug/l
RT: 10.441 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

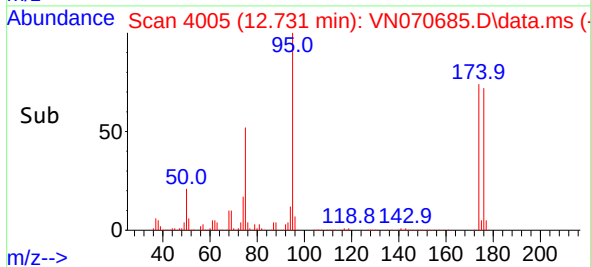
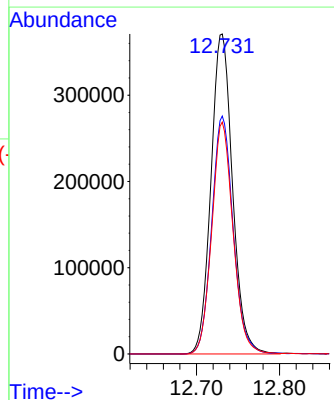
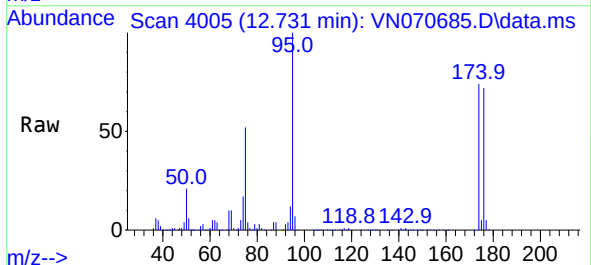
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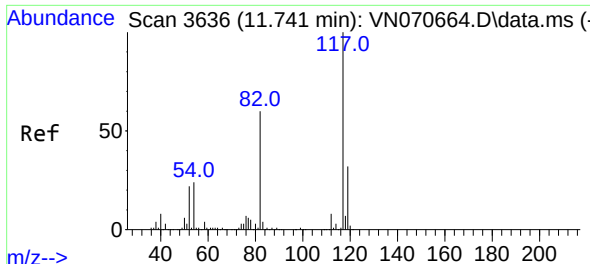
Tgt Ion: 98 Resp: 2133740
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 41.718 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

Tgt Ion: 95 Resp: 669076
Ion Ratio Lower Upper
95 100
174 73.9 0.0 187.2
176 71.3 0.0 181.4

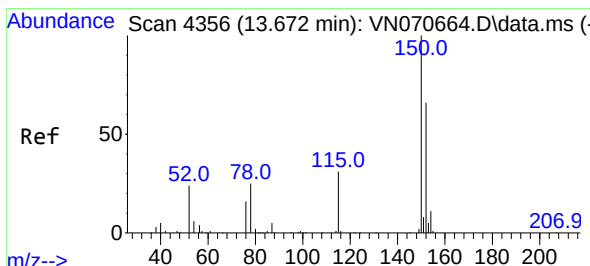
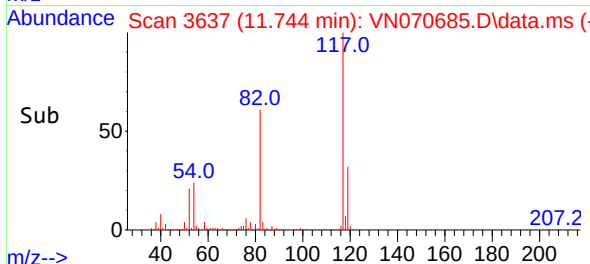
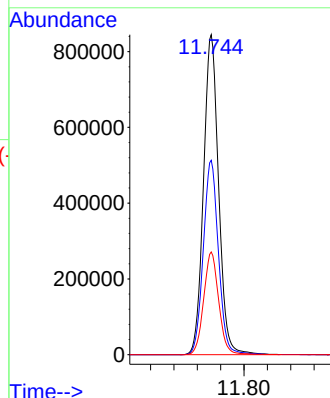
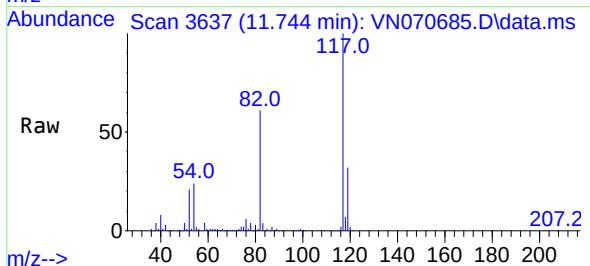




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

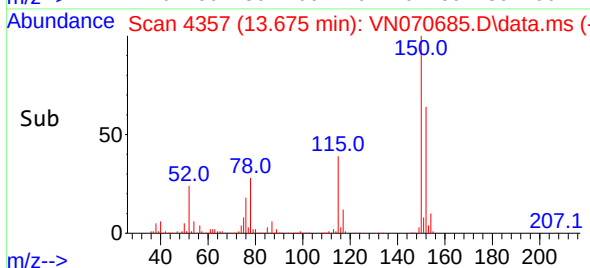
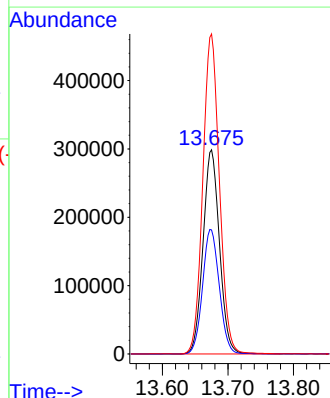
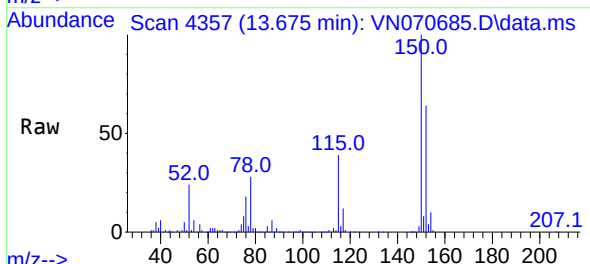
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MSVOA_N
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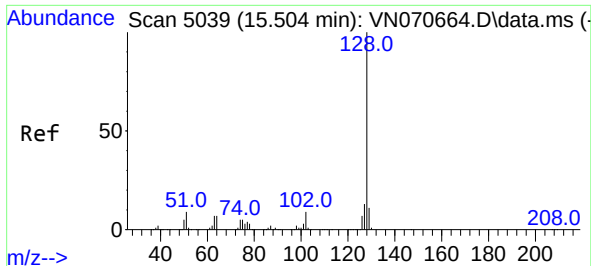
Tgt Ion:117 Resp: 1518487
Ion Ratio Lower Upper
117 100
82 60.8 42.4 63.6
119 32.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

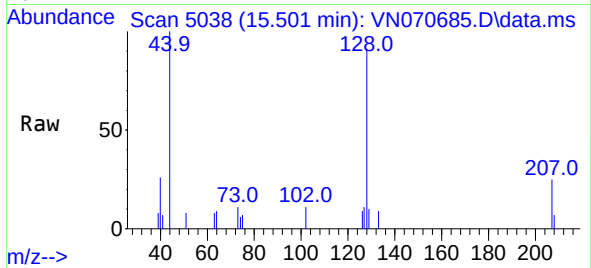
Tgt Ion:152 Resp: 519369
Ion Ratio Lower Upper
152 100
115 62.0 27.5 82.5
150 158.0 0.0 344.4





#95
Naphthalene
Concen: 5.137 ug/l
RT: 15.501 min Scan# 50
Delta R.T. -0.003 min
Lab File: VN070685.D
Acq: 18 Jan 2022 23:39

Instrument :
MSVOA_N
ClientSampleId :
MW-49DL



Tgt Ion:128 Resp: 5634
Ion Ratio Lower Upper
128 100
127 15.0 10.5 15.7
129 6.9 8.7 13.1#

