

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070682.D
 Acq On : 18 Jan 2022 22:23
 Operator : JC/MD
 Sample : N1148-05DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-45DL

Quant Time: Jan 19 03:42:16 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)

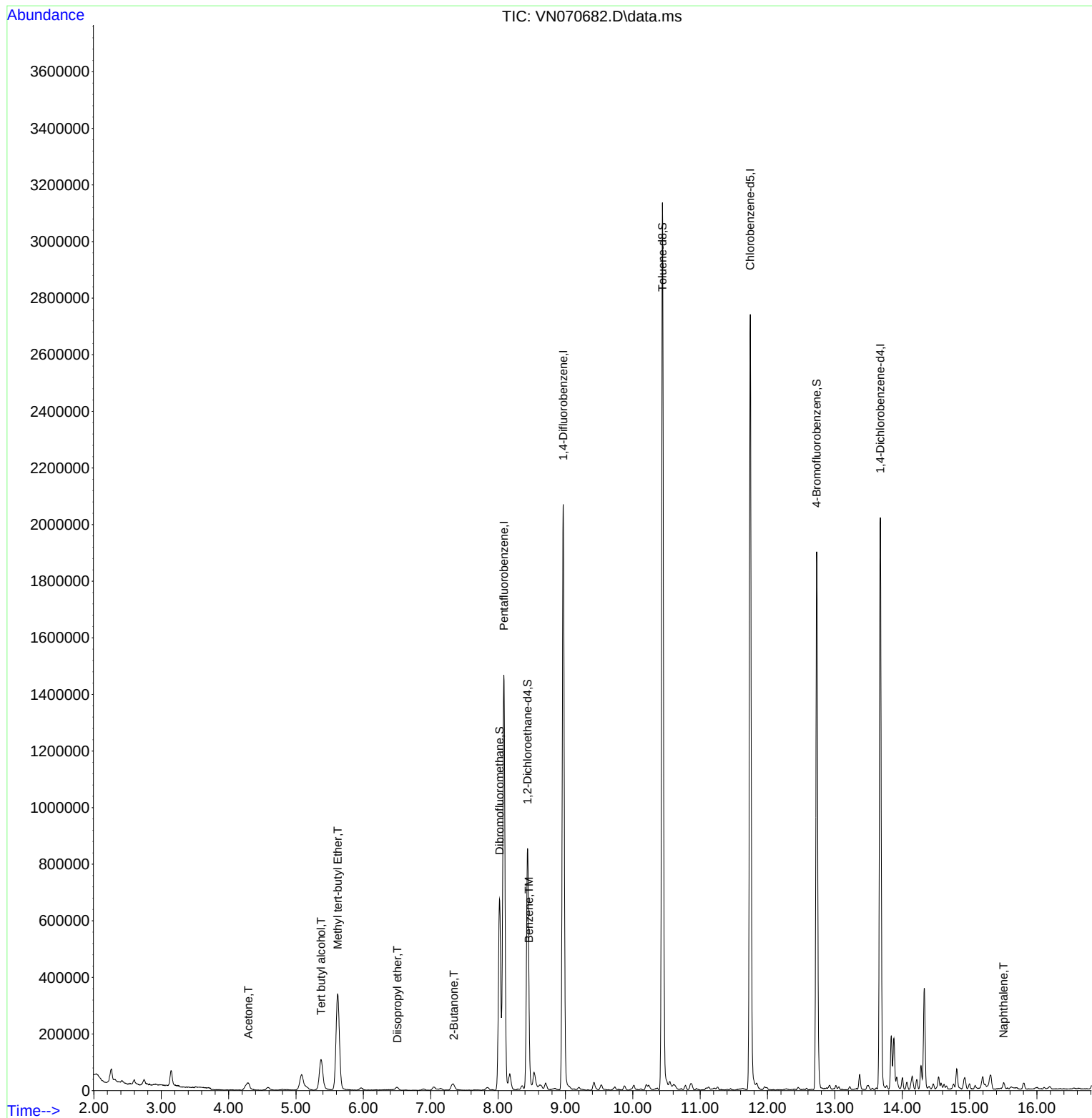
Internal Standards						
1) Pentafluorobenzene	8.086	168	1115596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1786800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1565474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	568054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	726399	45.433	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.860%		
35) Dibromofluoromethane	8.021	113	514472	46.418	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.840%		
50) Toluene-d8	10.440	98	2206655	47.260	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.520%		
62) 4-Bromofluorobenzene	12.731	95	711981	42.791	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.580%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.371	59	209936	72.781	ug/l	97
16) Acetone	4.293	43	48420	4.363	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	510266	11.574	ug/l #	83
22) Diisopropyl ether	6.503	45	14495	0.272	ug/l #	82
25) 2-Butanone	7.343	43	24491	1.754	ug/l #	83
40) Benzene	8.458	78	14732	0.255	ug/l	92
95) Naphthalene	15.504	128	20572	5.578	ug/l	98

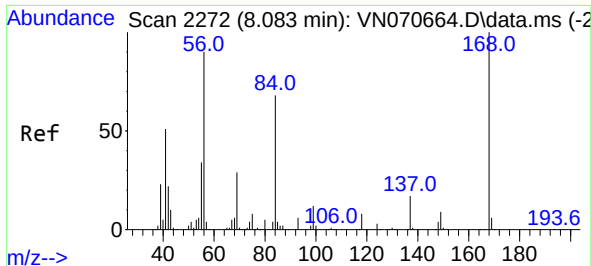
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

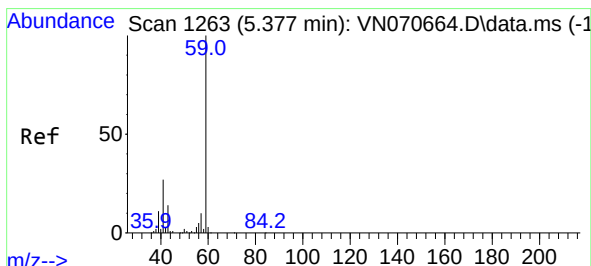
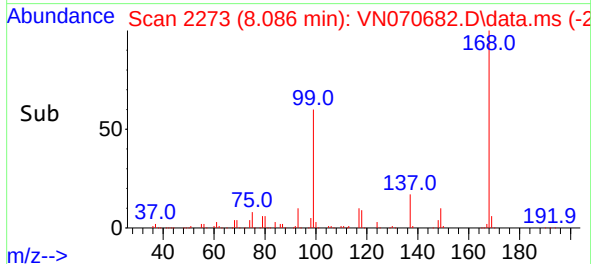
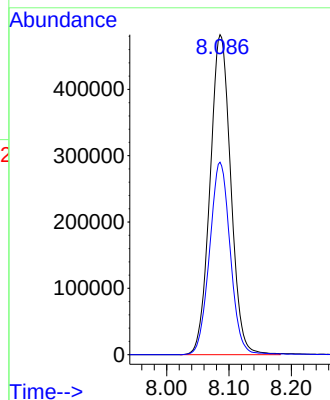
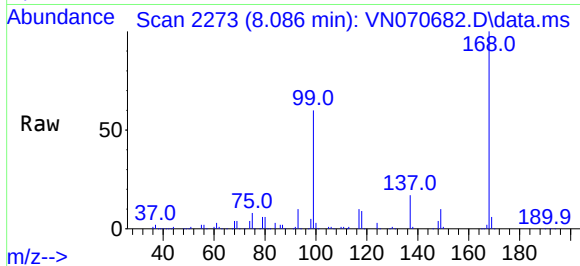




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070682.D
Acq: 18 Jan 2022 22:23

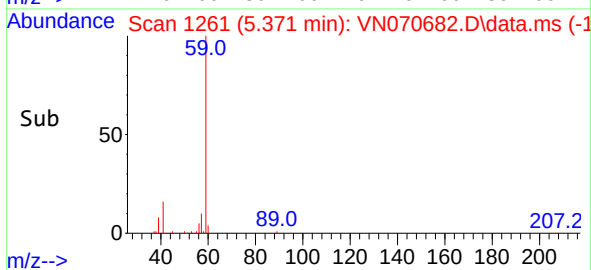
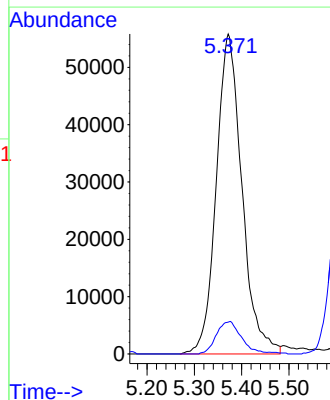
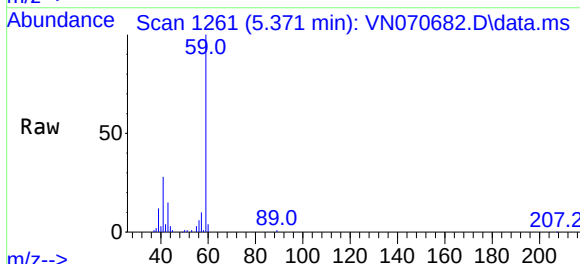
Instrument :
MSVOA_N
ClientSampleId :
MW-45DL

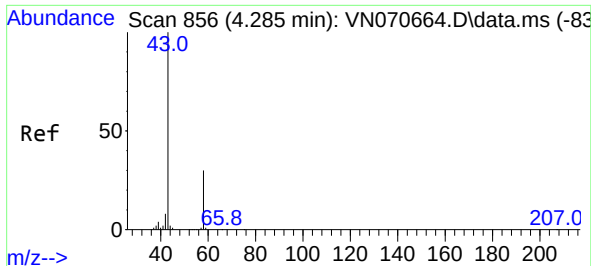
Tgt Ion:168 Resp: 1115596
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#11
Tert butyl alcohol
Concen: 72.781 ug/l
RT: 5.371 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN070682.D
Acq: 18 Jan 2022 22:23

Tgt Ion: 59 Resp: 209936
Ion Ratio Lower Upper
59 100
57 9.9 8.7 13.1

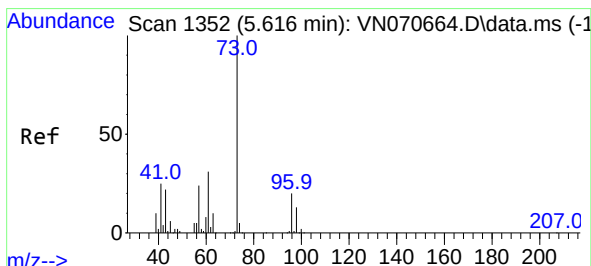
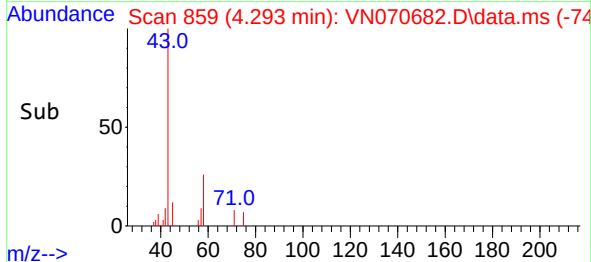
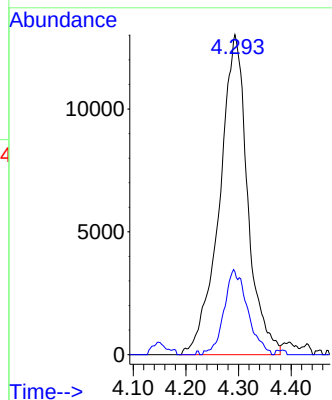
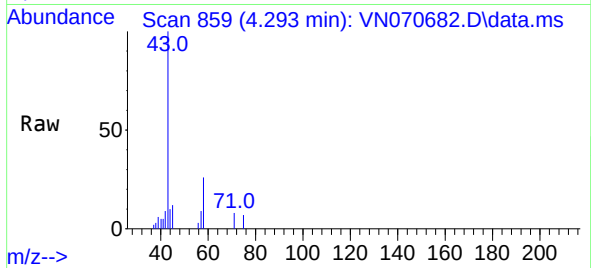




#16
Acetone
Concen: 4.363 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070682.D
Acq: 18 Jan 2022 22:23

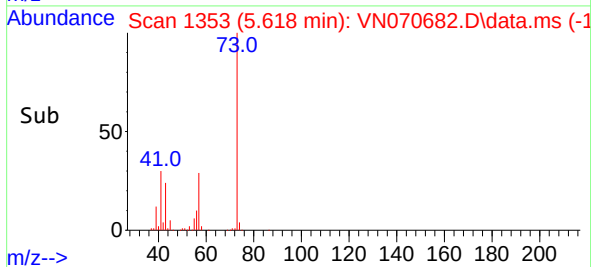
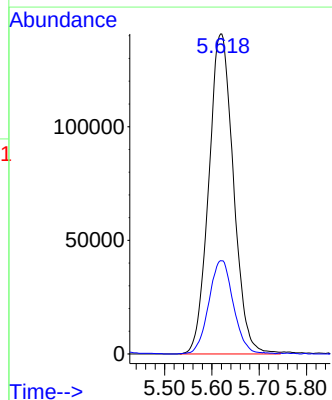
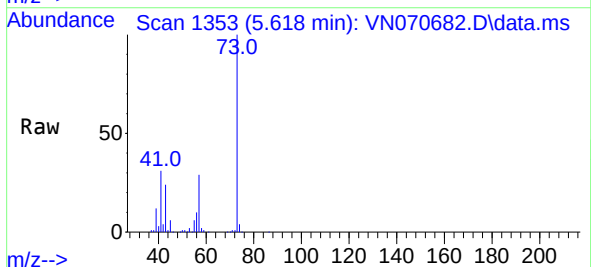
Instrument :
MSVOA_N
ClientSampleId :
MW-45DL

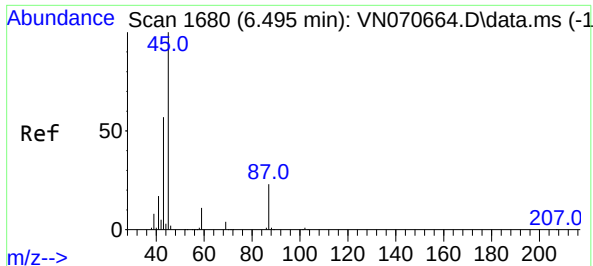
Tgt Ion: 43 Resp: 48420
Ion Ratio Lower Upper
43 100
58 25.9 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 11.574 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.002 min
Lab File: VN070682.D
Acq: 18 Jan 2022 22:23

Tgt Ion: 73 Resp: 510266
Ion Ratio Lower Upper
73 100
57 29.0 16.8 25.2#

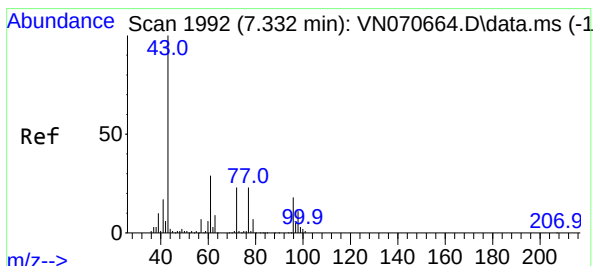
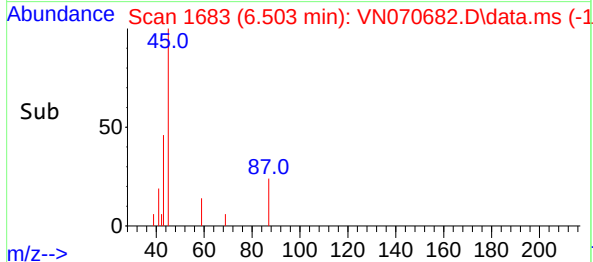
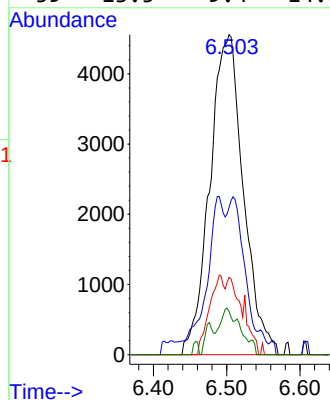
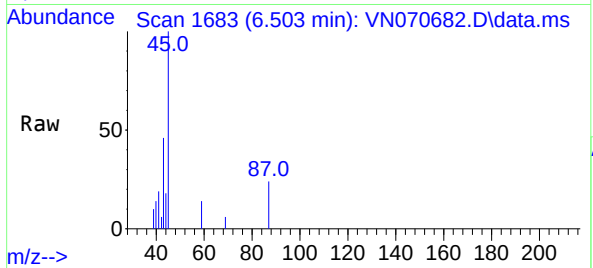




#22
Diisopropyl ether
Concen: 0.272 ug/l
RT: 6.503 min Scan# 1
Delta R.T. 0.008 min
Lab File: VN070682.D
Acq: 18 Jan 2022 22:23

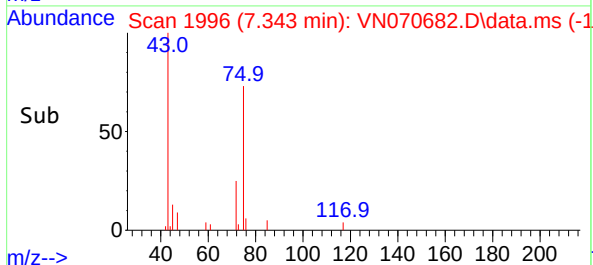
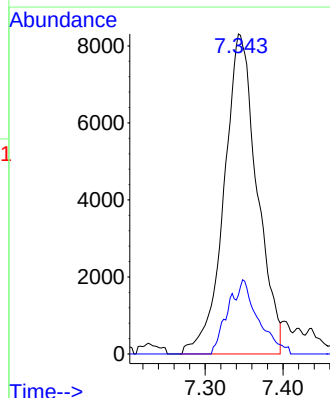
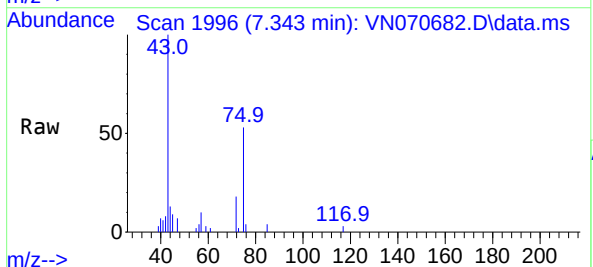
Instrument :
MSVOA_N
ClientSampleId :
MW-45DL

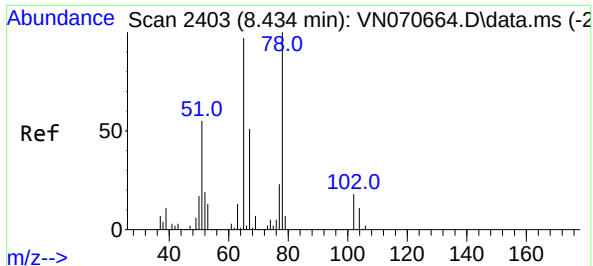
Tgt Ion:	45	Resp:	14495
Ion	Ratio	Lower	Upper
45	100		
43	46.0	51.7	77.5#
87	24.2	23.2	34.8
59	13.5	9.4	14.0



#25
2-Butanone
Concen: 1.754 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.011 min
Lab File: VN070682.D
Acq: 18 Jan 2022 22:23

Tgt Ion:	43	Resp:	24491
Ion	Ratio	Lower	Upper
43	100		
72	18.4	21.7	32.5#





#33

1,2-Dichloroethane-d4

Concen: 45.433 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070682.D

Acq: 18 Jan 2022 22:23

Instrument :

MSVOA_N

ClientSampleId :

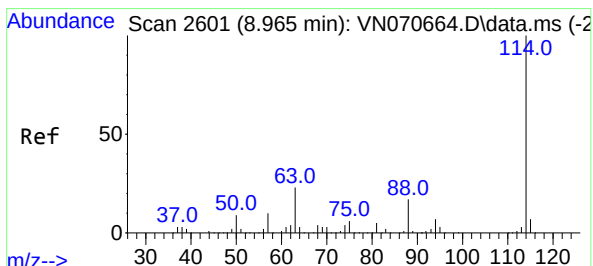
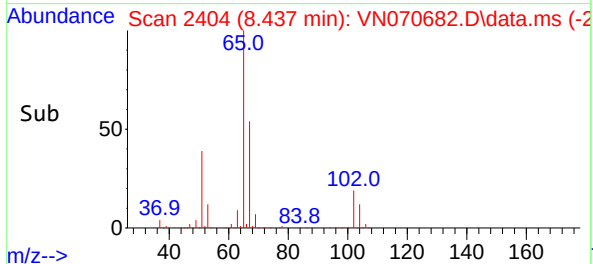
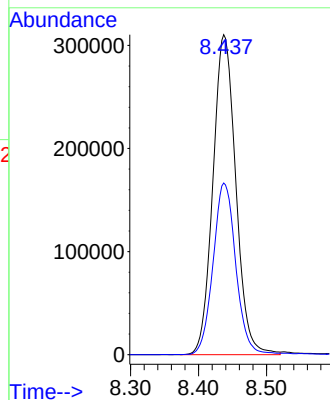
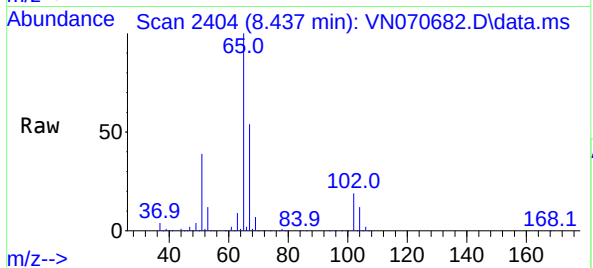
MW-45DL

Tgt Ion: 65 Resp: 726399

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: VN070682.D

Acq: 18 Jan 2022 22:23

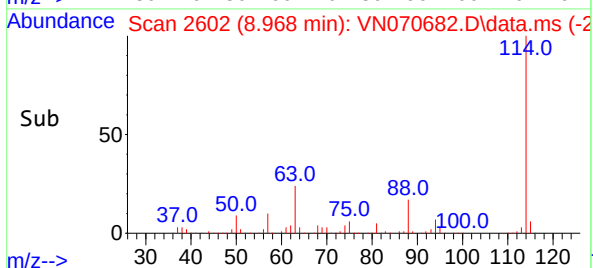
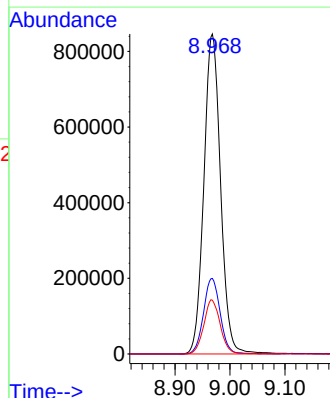
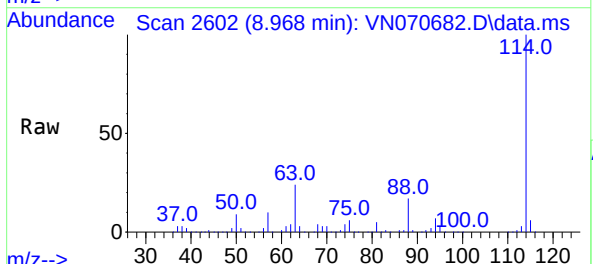
Tgt Ion: 114 Resp: 1786800

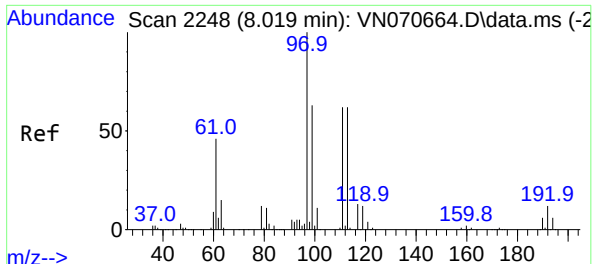
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.8 0.0 27.4

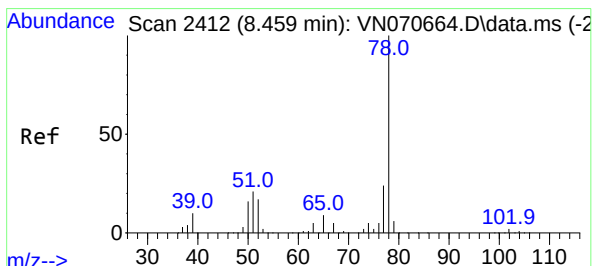
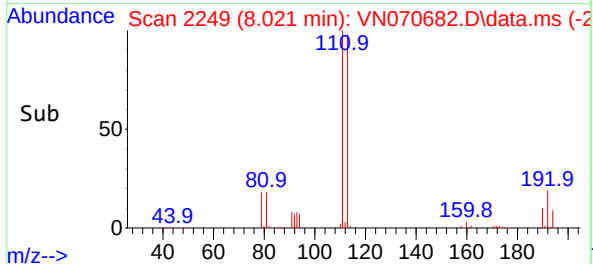
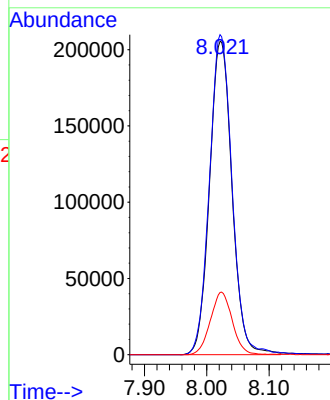
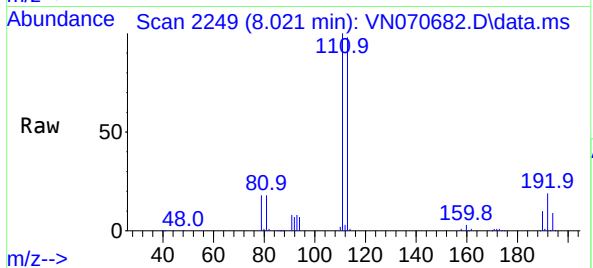




#35
Dibromofluoromethane
Concen: 46.418 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.002 min
Lab File: VN070682.D
Acq: 18 Jan 2022 22:23

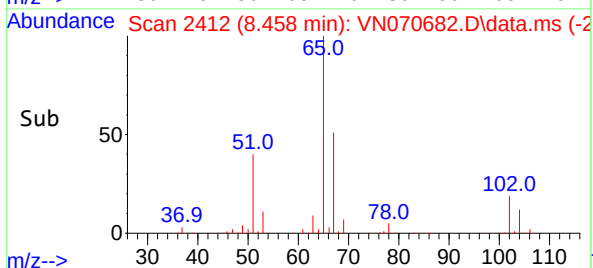
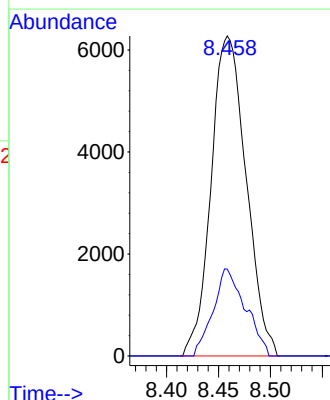
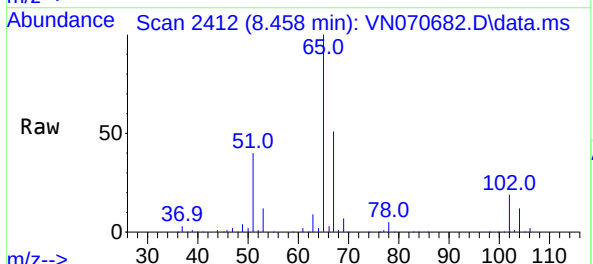
Instrument :
MSVOA_N
ClientSampleId :
MW-45DL

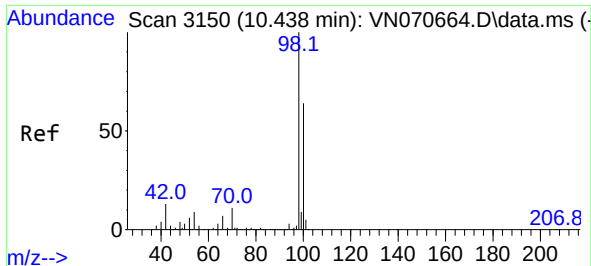
Tgt Ion:113 Resp: 514472
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 19.5 16.9 25.3



#40
Benzene
Concen: 0.255 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN070682.D
Acq: 18 Jan 2022 22:23

Tgt Ion: 78 Resp: 14732
Ion Ratio Lower Upper
78 100
77 27.2 18.6 27.8

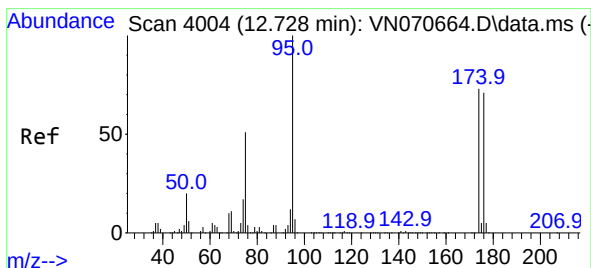
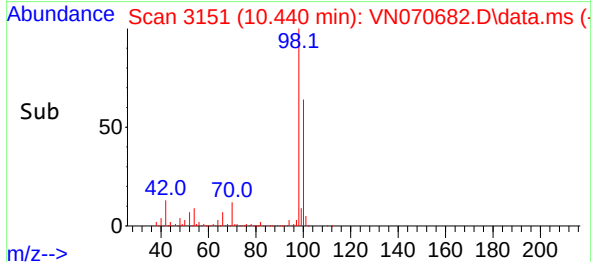
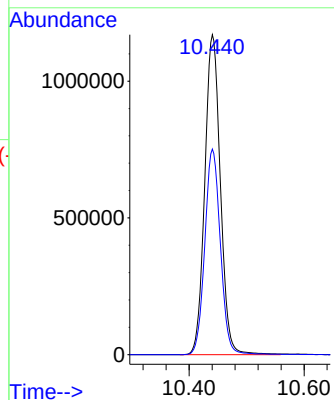
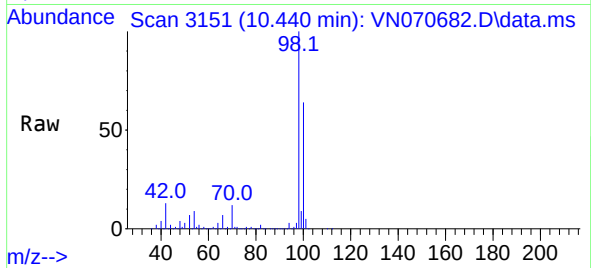




#50
Toluene-d8
Concen: 47.260 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070682.D
Acq: 18 Jan 2022 22:23

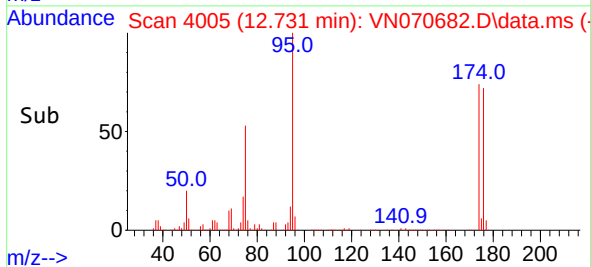
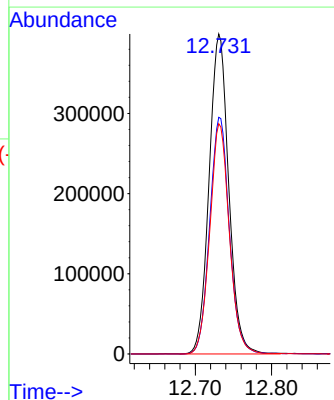
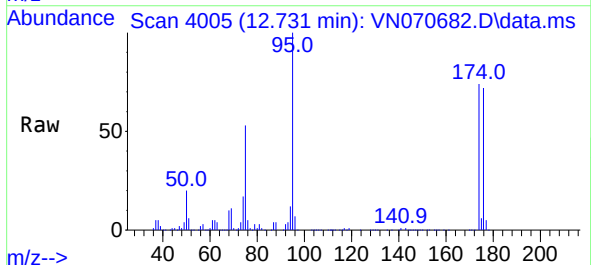
Instrument :
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MW-45DL

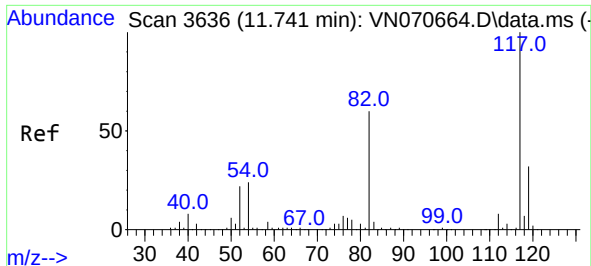
Tgt Ion: 98 Resp: 2206655
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 42.791 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070682.D
Acq: 18 Jan 2022 22:23

Tgt Ion: 95 Resp: 711981
Ion Ratio Lower Upper
95 100
174 74.2 0.0 187.2
176 71.7 0.0 181.4

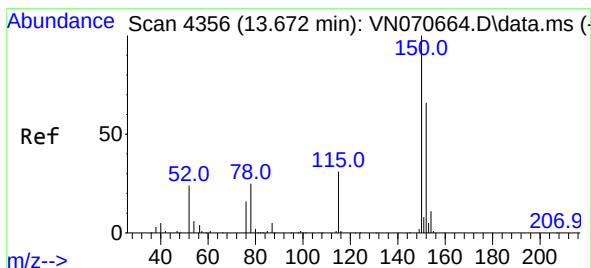
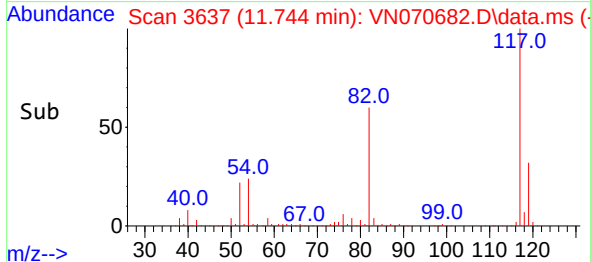
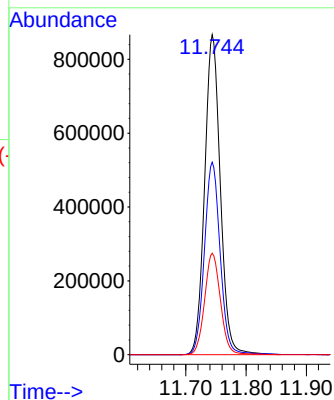
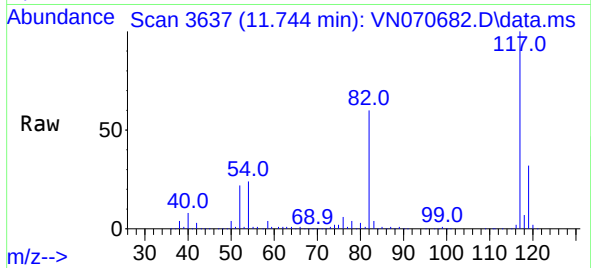




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070682.D
Acq: 18 Jan 2022 22:23

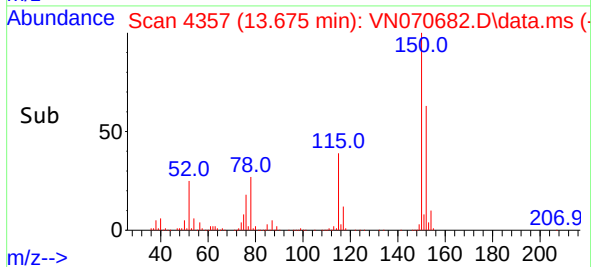
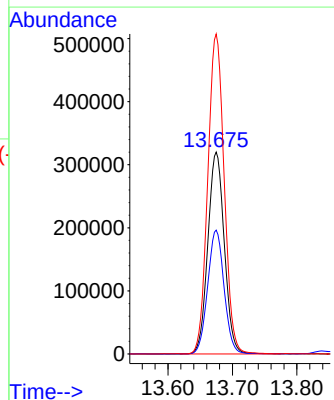
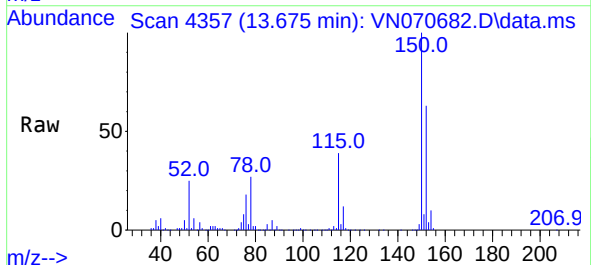
Instrument :
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MW-45DL

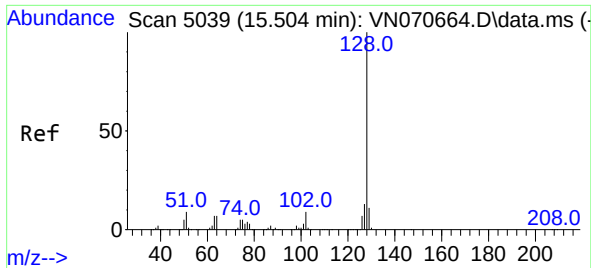
Tgt Ion:117 Resp: 1565474
Ion Ratio Lower Upper
117 100
82 60.2 42.4 63.6
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070682.D
Acq: 18 Jan 2022 22:23

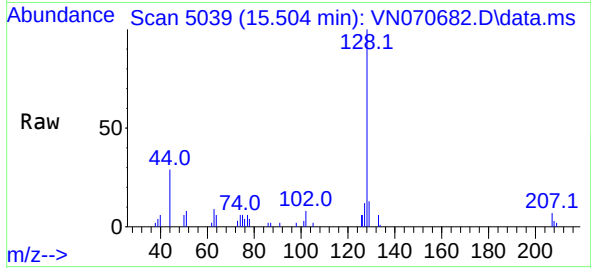
Tgt Ion:152 Resp: 568054
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 157.6 0.0 344.4





#95
Naphthalene
Concen: 5.578 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070682.D
Acq: 18 Jan 2022 22:23

Instrument :
MSVOA_N
ClientSampleId :
MW-45DL



Tgt Ion:128 Resp: 20572

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	12.4	8.7	13.1

