

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069974.D
 Acq On : 10 Dec 2021 21:56
 Operator : JC/MD
 Sample : M4970-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22

Quant Time: Dec 11 05:26:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

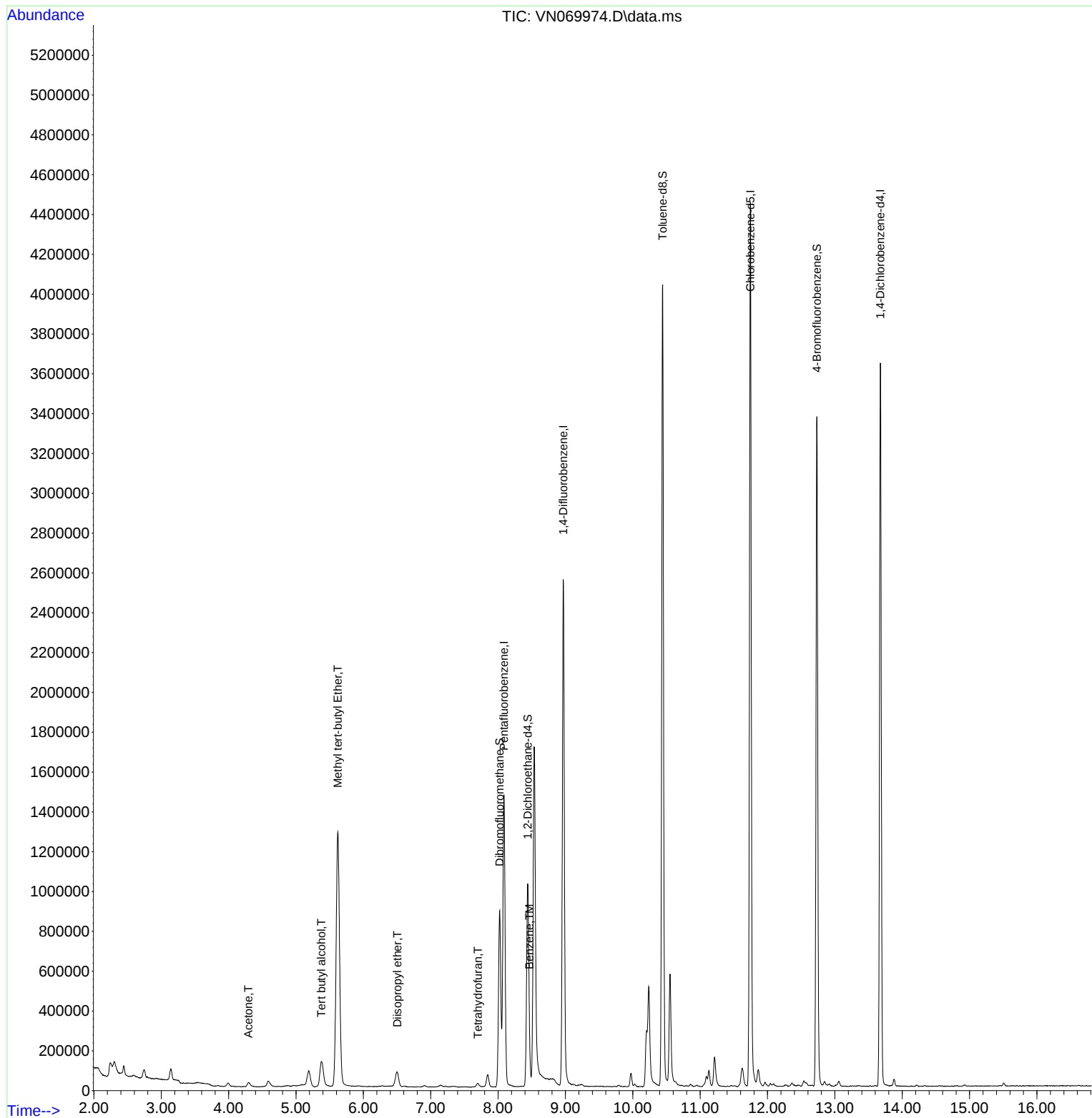
Internal Standards						
1) Pentafluorobenzene	8.088	168	1079295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2077331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2370280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	951829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	862983	51.786	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.580%			
35) Dibromofluoromethane	8.024	113	642345	49.366	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.740%			
50) Toluene-d8	10.443	98	2742167	52.484	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.960%			
62) 4-Bromofluorobenzene	12.733	95	1156527	61.101	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 122.200%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.377	59	238251	75.636	ug/l	99
16) Acetone	4.293	43	35306	3.522	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	1954858	48.903	ug/l	95
22) Diisopropyl ether	6.503	45	95674	2.113	ug/l #	89
29) Tetrahydrofuran	7.702	42	13848	1.674	ug/l #	87
40) Benzene	8.464	78	73527	1.216	ug/l	97

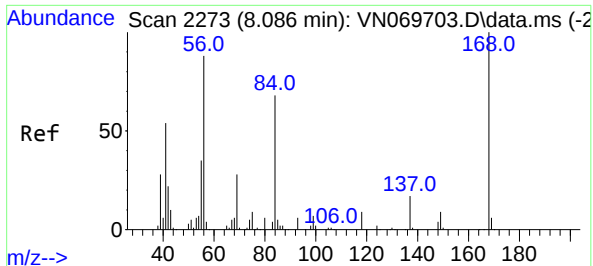
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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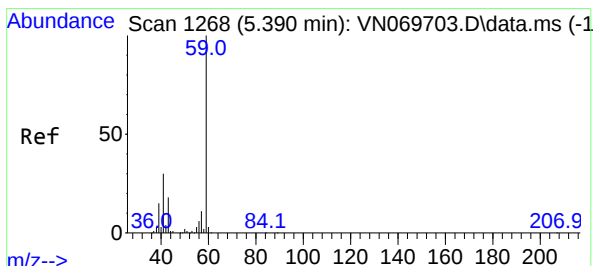
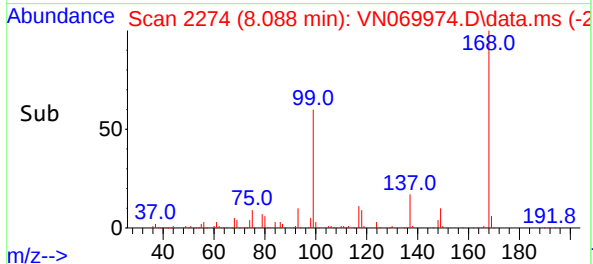
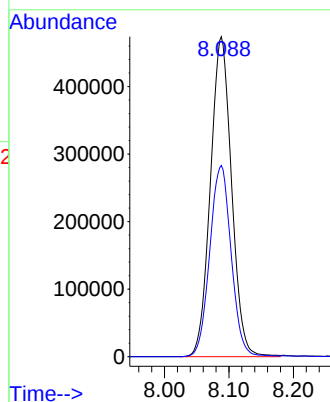
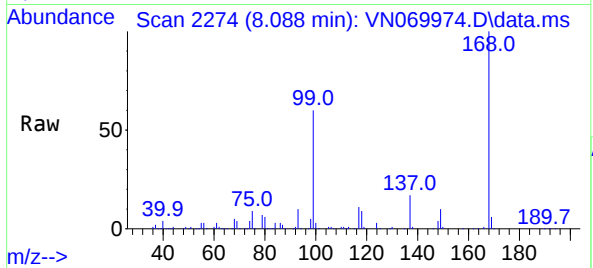




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069974.D
Acq: 10 Dec 2021 21:56

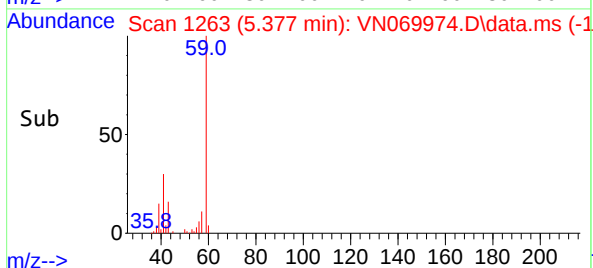
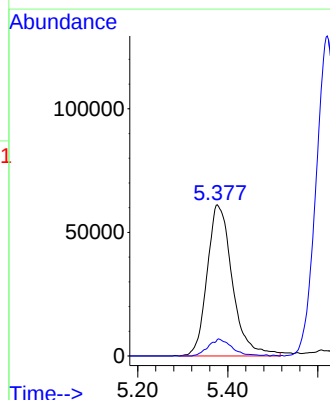
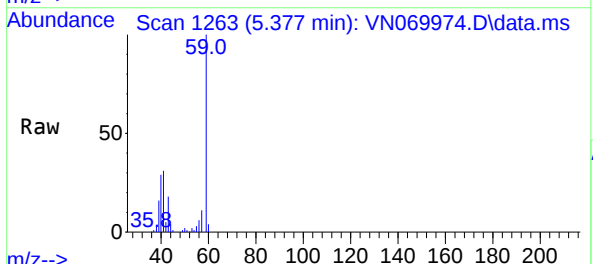
Instrument :
MSVOA_N
ClientSampleId :
MW-22

Tgt Ion:168 Resp: 1079295
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9



#11
Tert butyl alcohol
Concen: 75.636 ug/l
RT: 5.377 min Scan# 1263
Delta R.T. -0.013 min
Lab File: VN069974.D
Acq: 10 Dec 2021 21:56

Tgt Ion: 59 Resp: 238251
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

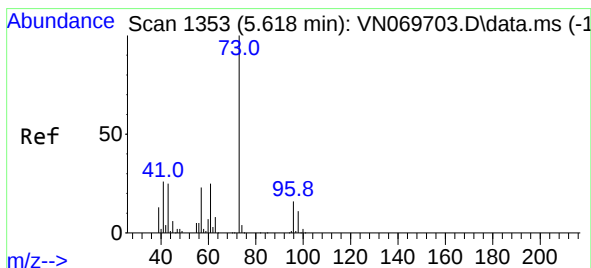
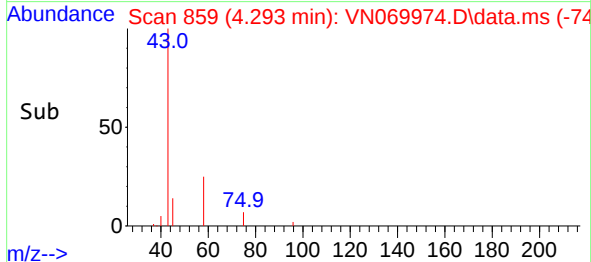
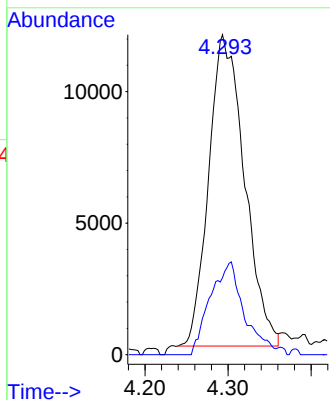
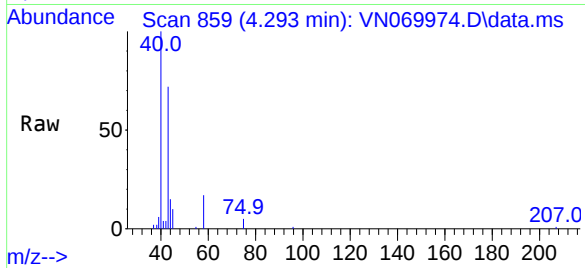




#16
Acetone
Concen: 3.522 ug/l
RT: 4.293 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069974.D
Acq: 10 Dec 2021 21:56

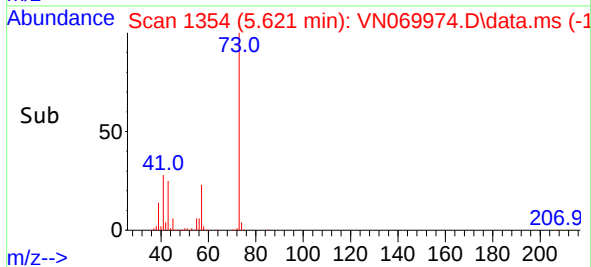
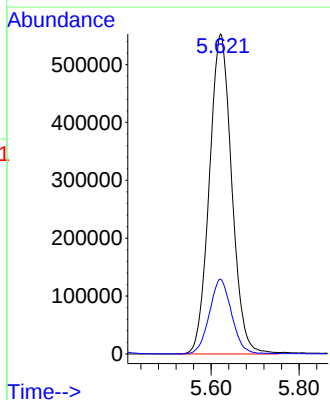
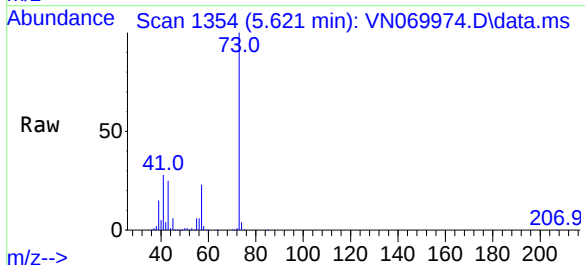
Instrument :
MSVOA_N
ClientSampleId :
MW-22

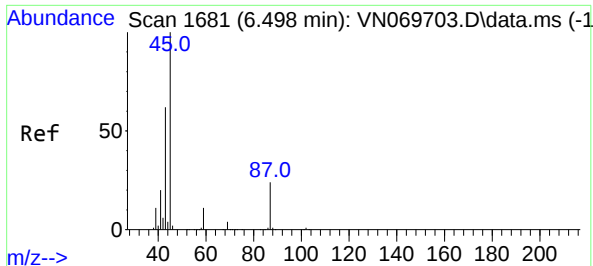
Tgt Ion: 43 Resp: 35306
Ion Ratio Lower Upper
43 100
58 24.7 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 48.903 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN069974.D
Acq: 10 Dec 2021 21:56

Tgt Ion: 73 Resp: 1954858
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

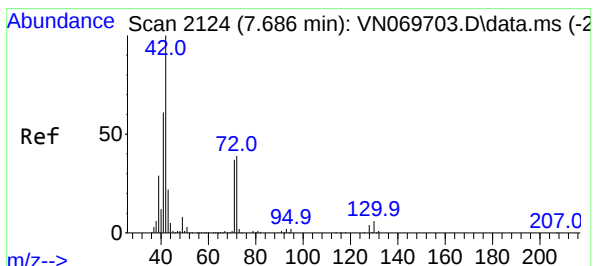
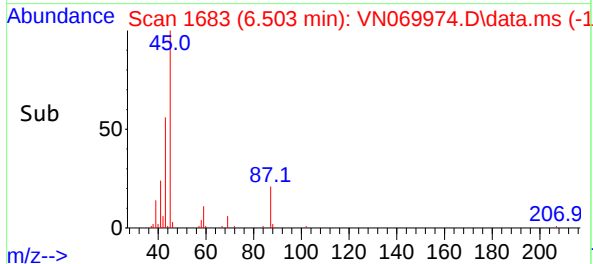
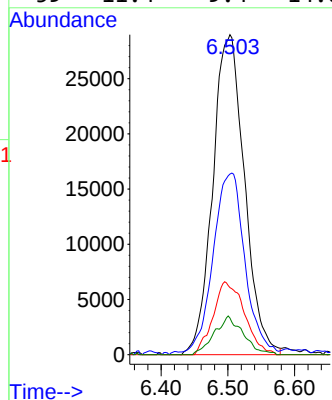
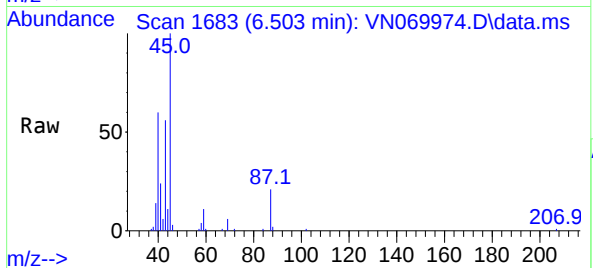




#22
Diisopropyl ether
Concen: 2.113 ug/l
RT: 6.503 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069974.D
Acq: 10 Dec 2021 21:56

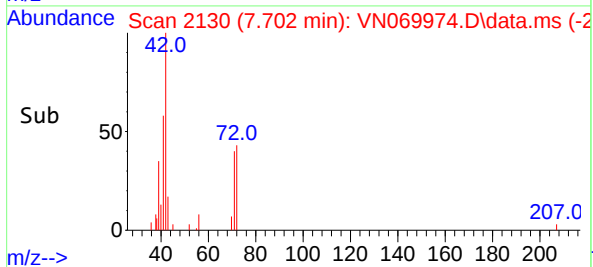
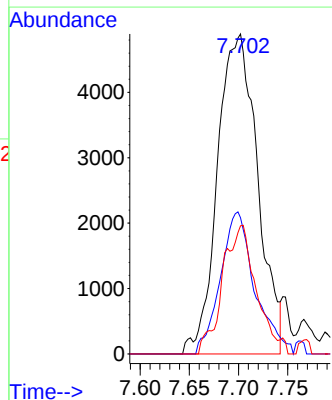
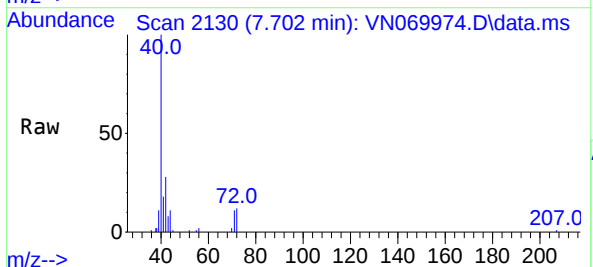
Instrument :
MSVOA_N
ClientSampleId :
MW-22

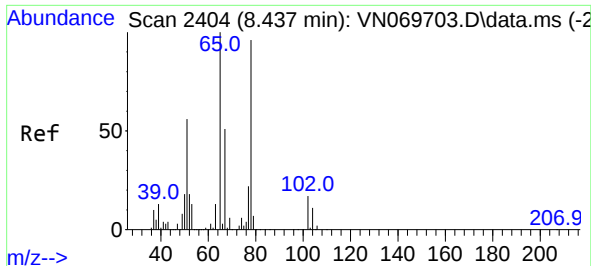
Tgt Ion:	45	Resp:	95674
Ion	Ratio	Lower	Upper
45	100		
43	55.6	51.7	77.5
87	20.9	23.2	34.8#
59	11.4	9.4	14.0



#29
Tetrahydrofuran
Concen: 1.674 ug/l
RT: 7.702 min Scan# 2130
Delta R.T. 0.016 min
Lab File: VN069974.D
Acq: 10 Dec 2021 21:56

Tgt Ion:	42	Resp:	13848
Ion	Ratio	Lower	Upper
42	100		
72	38.4	36.3	54.5
71	34.1	34.7	52.1#

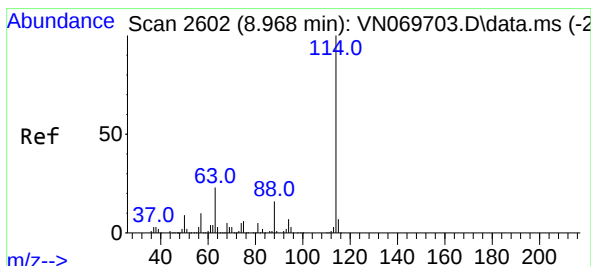
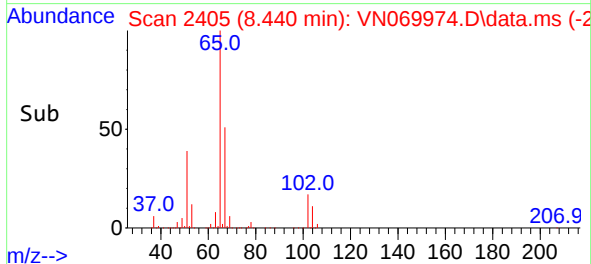
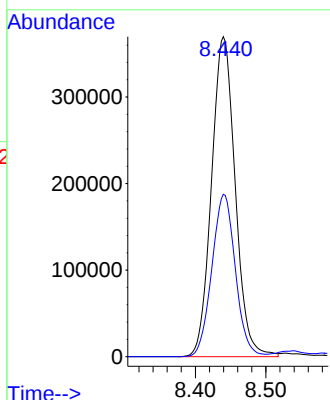
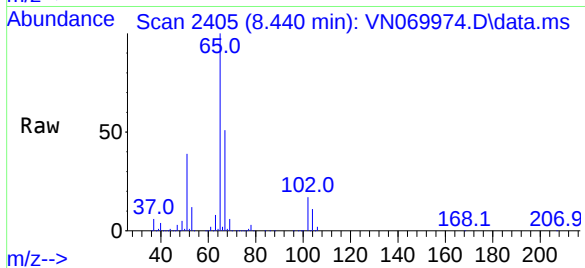




#33
1,2-Dichloroethane-d4
Concen: 51.786 ug/l
RT: 8.440 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN069974.D
Acq: 10 Dec 2021 21:56

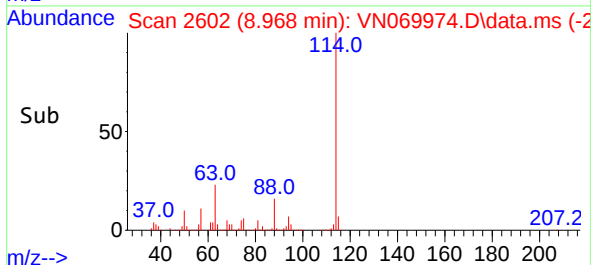
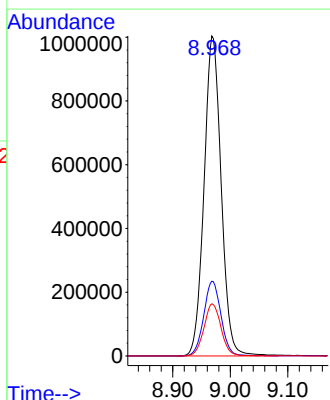
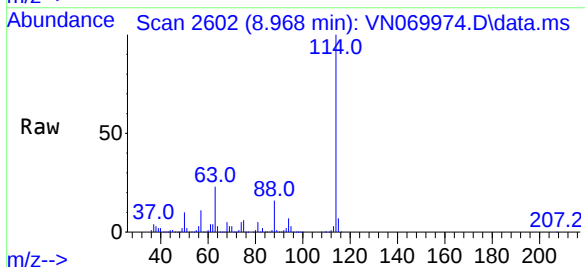
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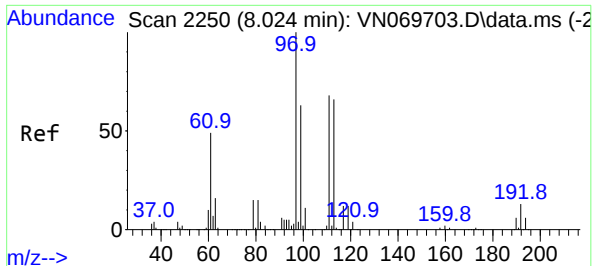
Tgt Ion: 65 Resp: 862983
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069974.D
Acq: 10 Dec 2021 21:56

Tgt Ion: 114 Resp: 2077331
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.3 0.0 27.4

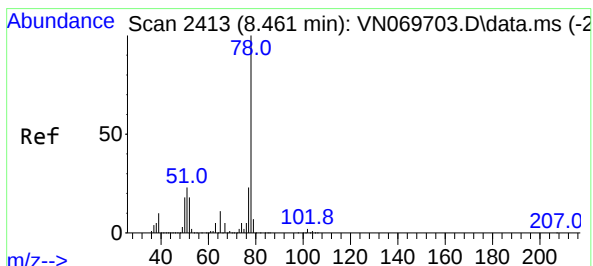
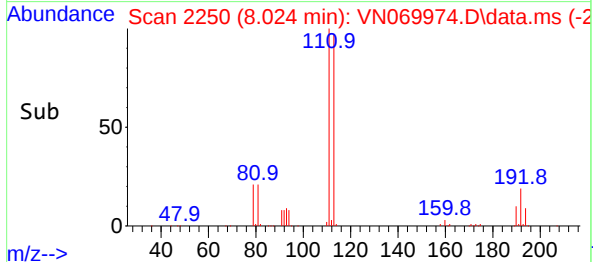
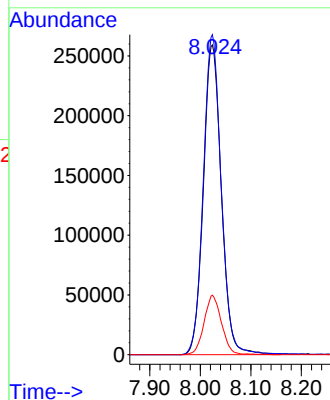
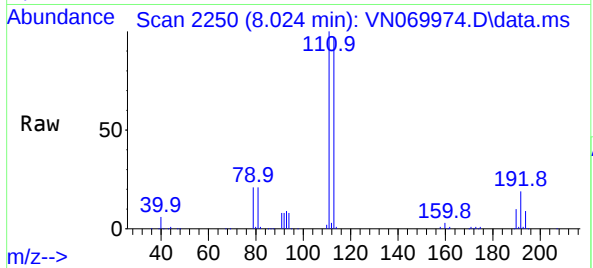




#35
Dibromofluoromethane
Concen: 49.366 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069974.D
Acq: 10 Dec 2021 21:56

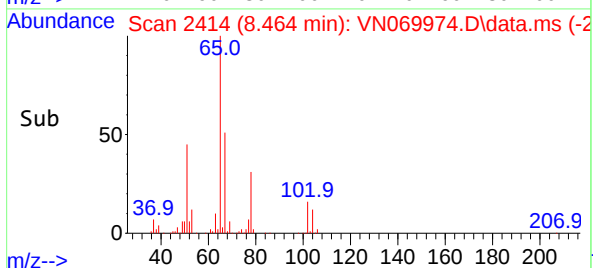
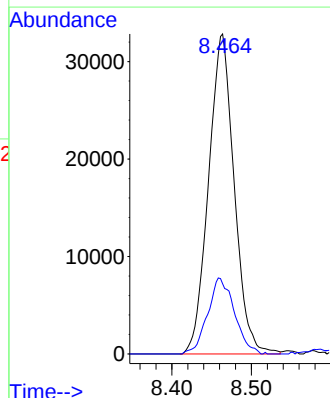
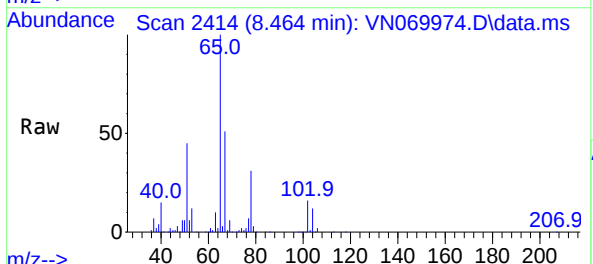
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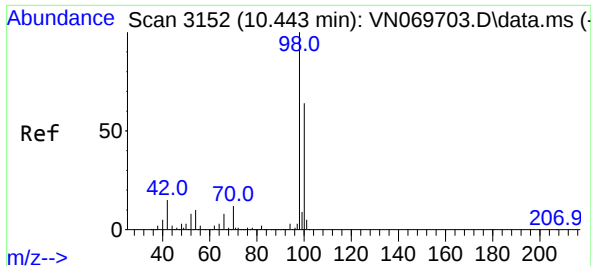
Tgt Ion:113 Resp: 642345
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.4 16.9 25.3



#40
Benzene
Concen: 1.216 ug/l
RT: 8.464 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VN069974.D
Acq: 10 Dec 2021 21:56

Tgt Ion: 78 Resp: 73527
Ion Ratio Lower Upper
78 100
77 22.0 18.6 27.8

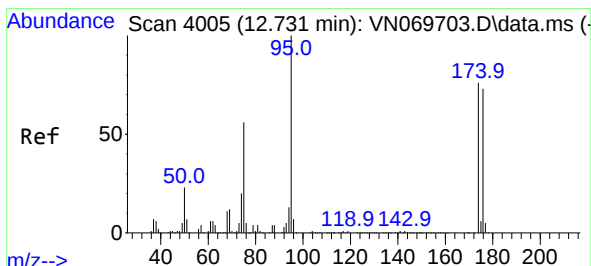
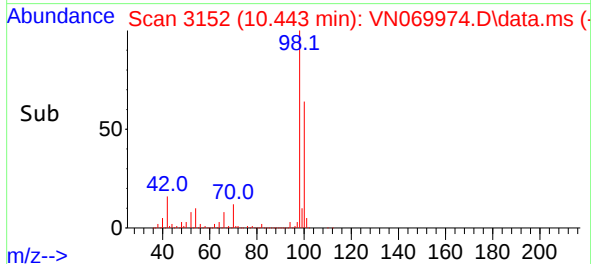
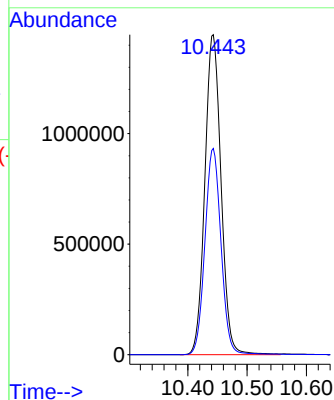
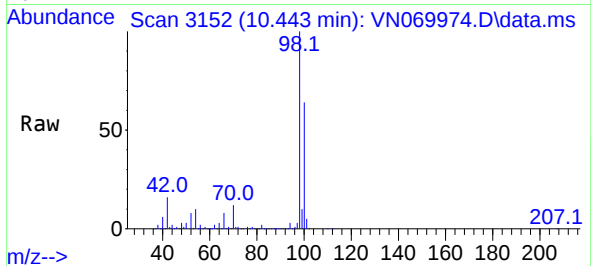




#50
Toluene-d8
Concen: 52.484 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069974.D
Acq: 10 Dec 2021 21:56

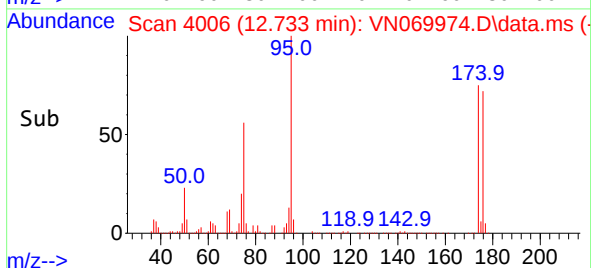
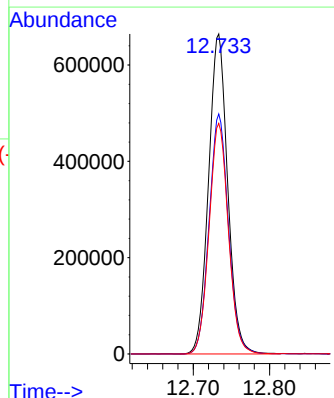
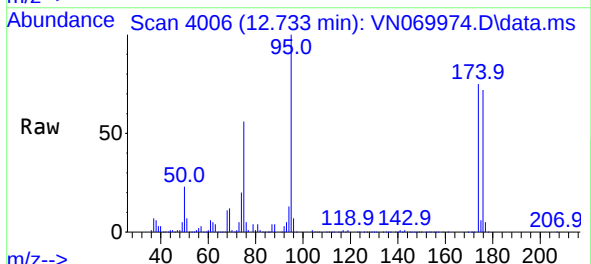
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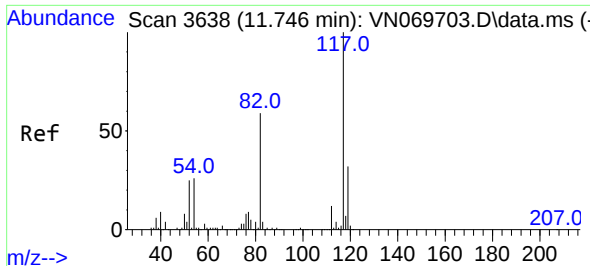
Tgt Ion: 98 Resp: 2742167
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 61.101 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069974.D
Acq: 10 Dec 2021 21:56

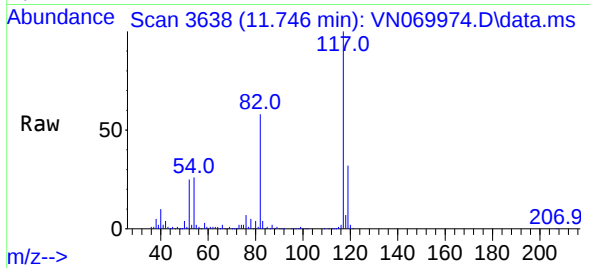
Tgt Ion: 95 Resp: 1156527
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 72.8 0.0 181.4





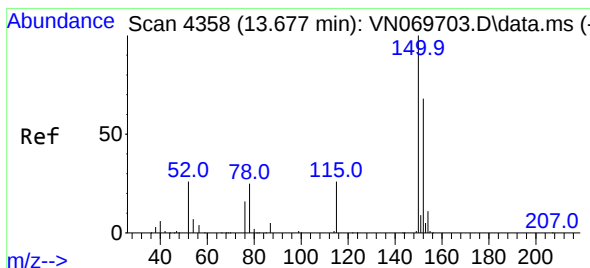
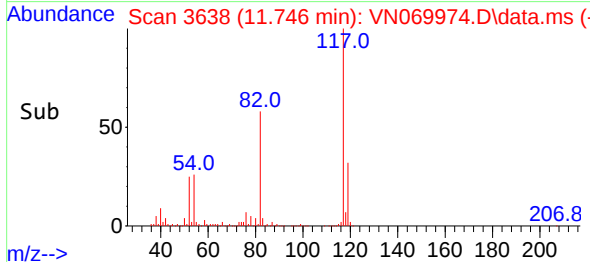
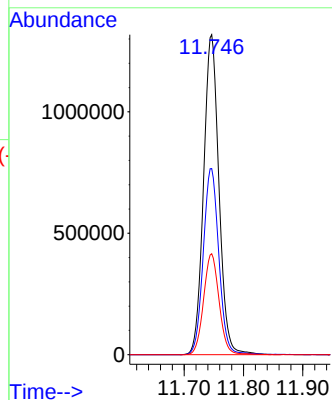
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069974.D
Acq: 10 Dec 2021 21:56

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 2370280

Ion	Ratio	Lower	Upper
117	100		
82	58.2	42.4	63.6
119	31.5	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: VN069974.D
Acq: 10 Dec 2021 21:56

Tgt Ion:152 Resp: 951829

Ion	Ratio	Lower	Upper
152	100		
115	60.9	27.5	82.5
150	157.8	0.0	344.4

