

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069973.D
 Acq On : 10 Dec 2021 21:30
 Operator : JC/MD
 Sample : M4970-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-21

Quant Time: Dec 11 05:26:02 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)

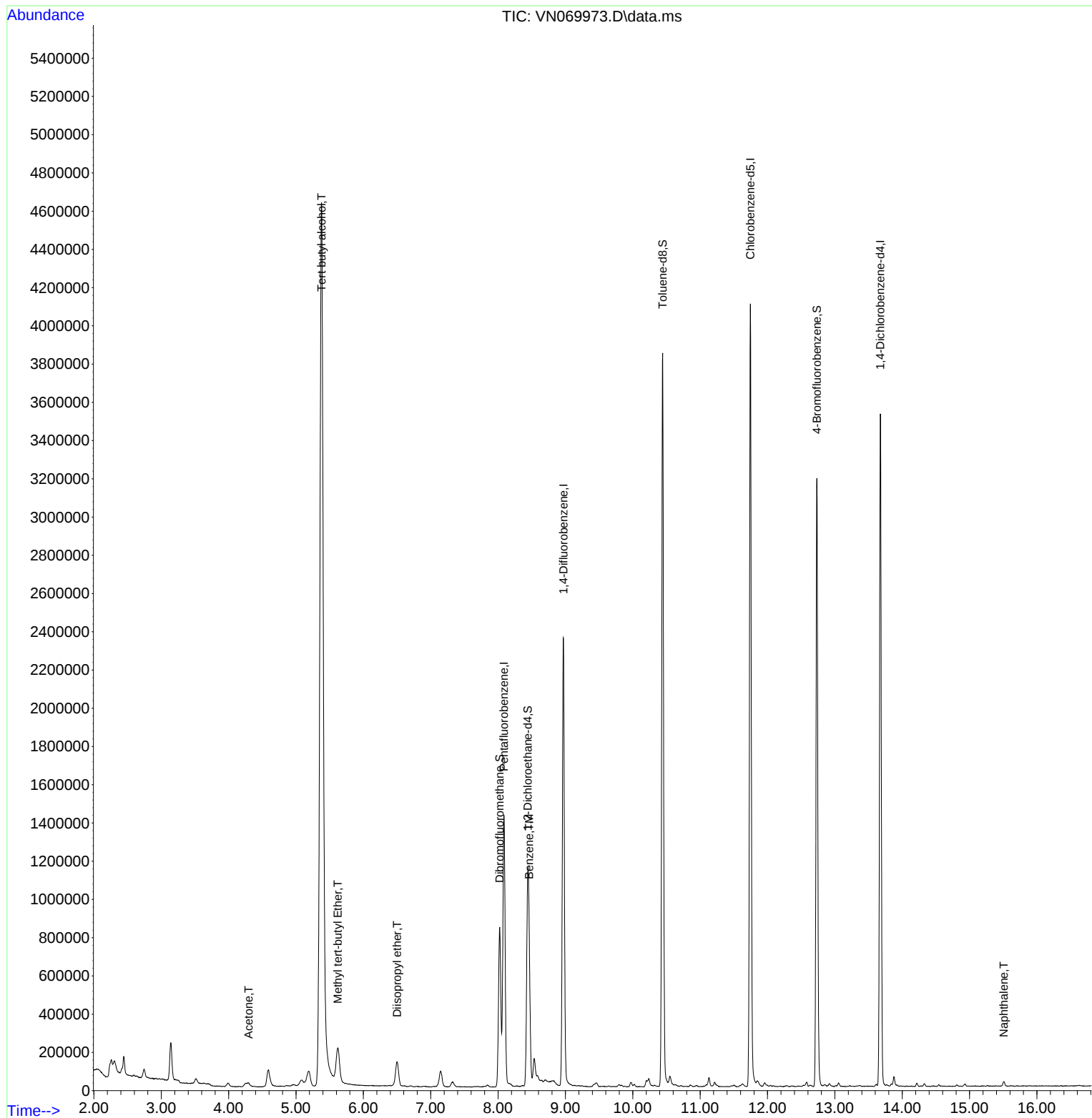
Internal Standards						
1) Pentafluorobenzene	8.088	168	1029121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1948989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2258801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	920209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	837292	52.694	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.380%			
35) Dibromofluoromethane	8.024	113	609564	49.931	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.860%			
50) Toluene-d8	10.443	98	2591898	52.875	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.760%			
62) 4-Bromofluorobenzene	12.734	95	1085740	61.139	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 122.280%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.380	59	8555544	2848.498	ug/l	99
16) Acetone	4.296	43	37516	3.925	ug/l	94
19) Methyl tert-butyl Ether	5.621	73	235866	6.188	ug/l #	76
22) Diisopropyl ether	6.501	45	167680	3.884	ug/l #	91
40) Benzene	8.461	78	485694	8.564	ug/l	100
95) Naphthalene	15.507	128	21309	4.421	ug/l	99

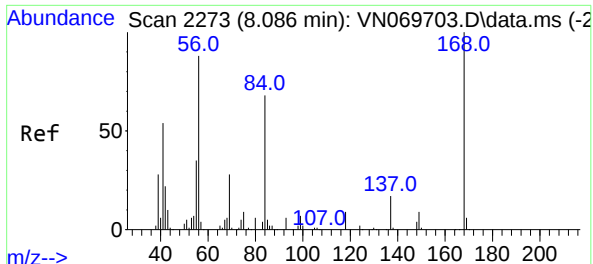
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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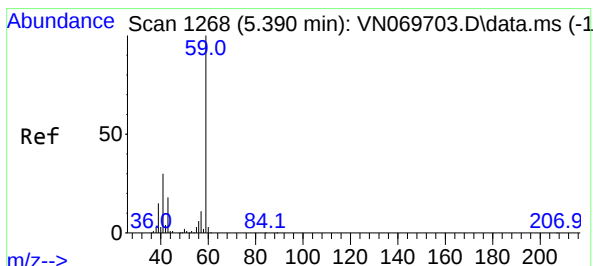
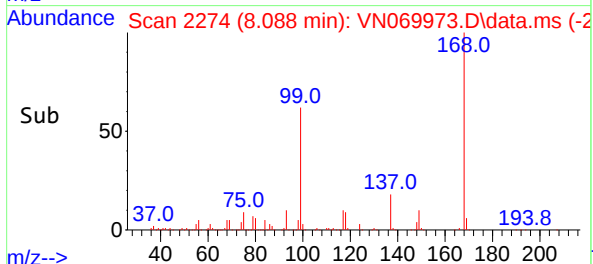
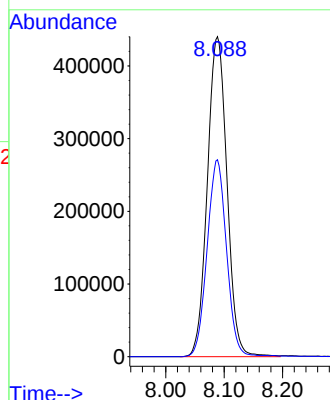
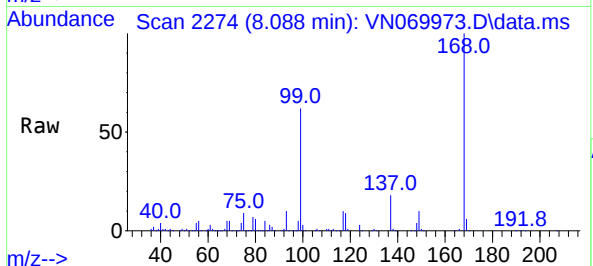




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069973.D
Acq: 10 Dec 2021 21:30

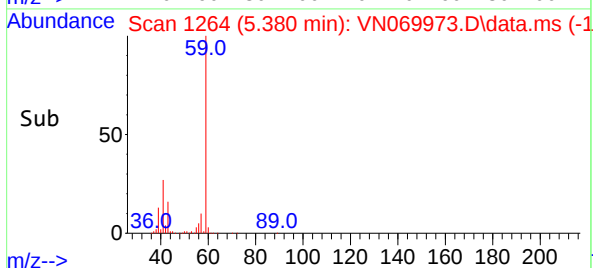
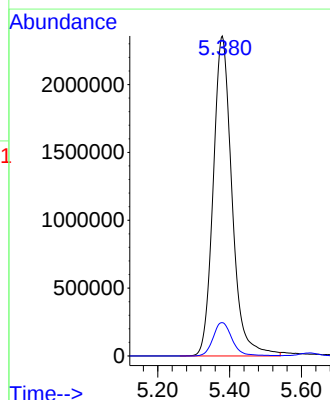
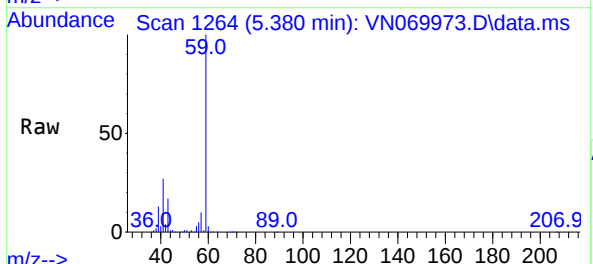
Instrument :
MSVOA_N
ClientSampleId :
MW-21

Tgt Ion:168 Resp: 1029121
Ion Ratio Lower Upper
168 100
99 61.6 41.3 61.9



#11
Tert butyl alcohol
Concen: 2848.498 ug/l
RT: 5.380 min Scan# 1264
Delta R.T. -0.010 min
Lab File: VN069973.D
Acq: 10 Dec 2021 21:30

Tgt Ion: 59 Resp: 8555544
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

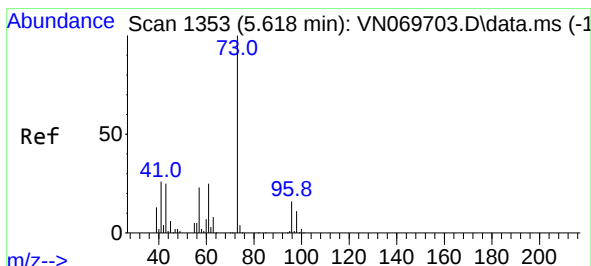
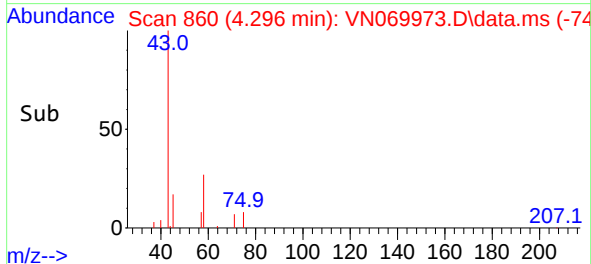
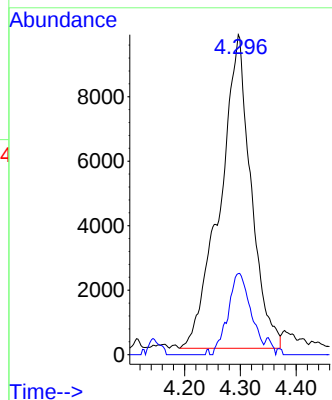
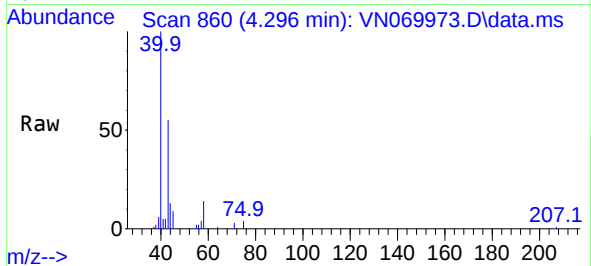




#16
Acetone
Concen: 3.925 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.006 min
Lab File: VN069973.D
Acq: 10 Dec 2021 21:30

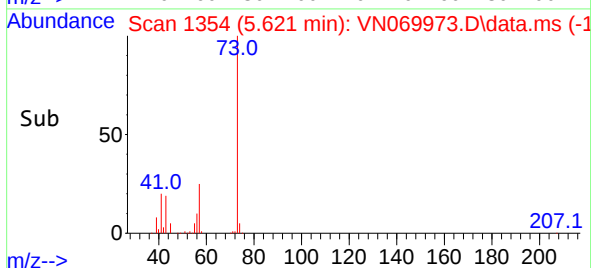
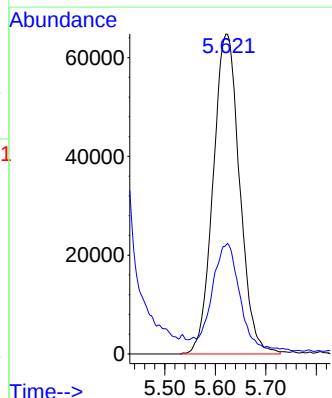
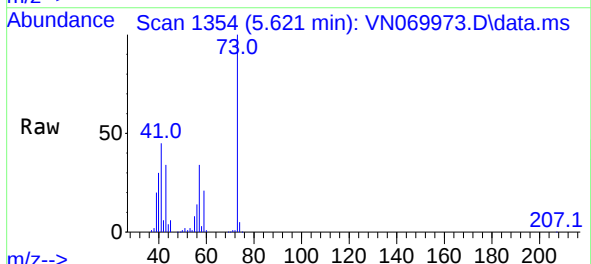
Instrument :
MSVOA_N
ClientSampleId :
MW-21

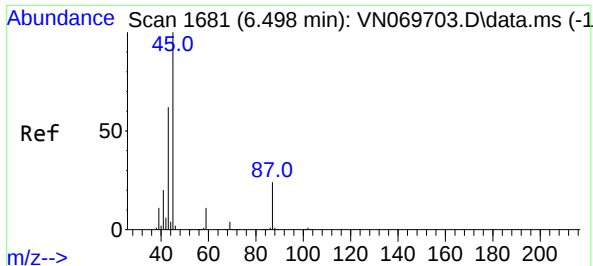
Tgt Ion: 43 Resp: 37516
Ion Ratio Lower Upper
43 100
58 25.9 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 6.188 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN069973.D
Acq: 10 Dec 2021 21:30

Tgt Ion: 73 Resp: 235866
Ion Ratio Lower Upper
73 100
57 32.4 16.8 25.2#

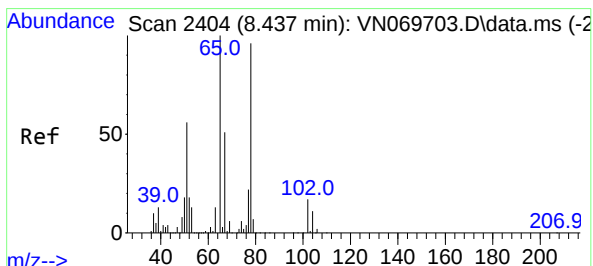
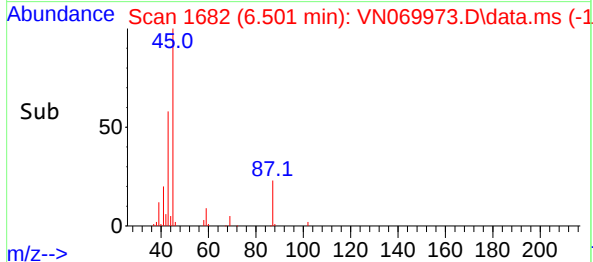
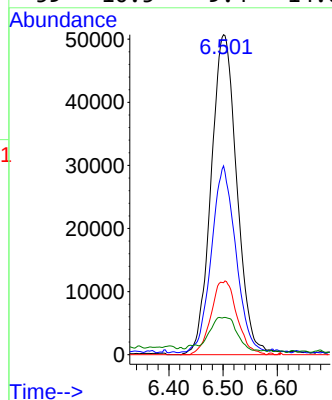
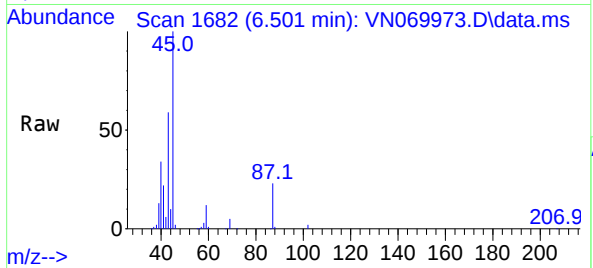




#22
Diisopropyl ether
Concen: 3.884 ug/l
RT: 6.501 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN069973.D
Acq: 10 Dec 2021 21:30

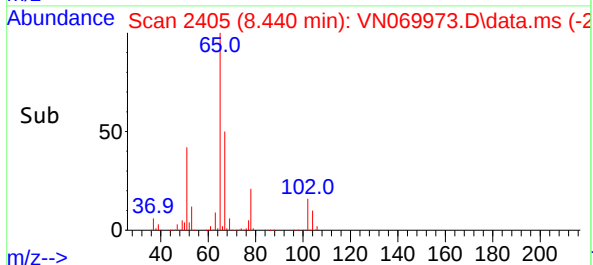
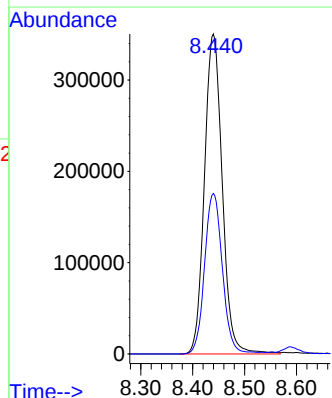
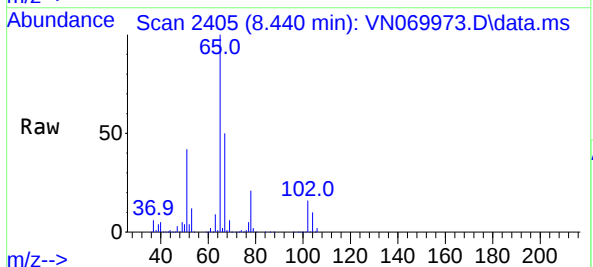
Instrument :
MSVOA_N
ClientSampleId :
MW-21

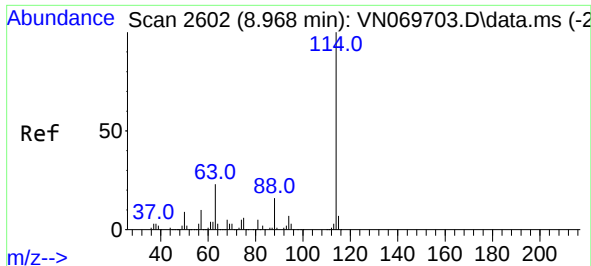
Tgt Ion:	45	Resp:	167680
Ion	Ratio	Lower	Upper
45	100		
43	58.3	51.7	77.5
87	22.5	23.2	34.8
59	10.5	9.4	14.0



#33
1,2-Dichloroethane-d4
Concen: 52.694 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN069973.D
Acq: 10 Dec 2021 21:30

Tgt Ion:	65	Resp:	837292
Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	103.0

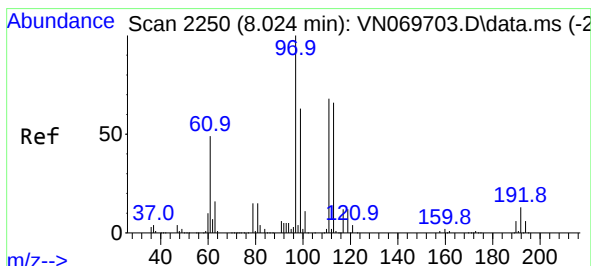
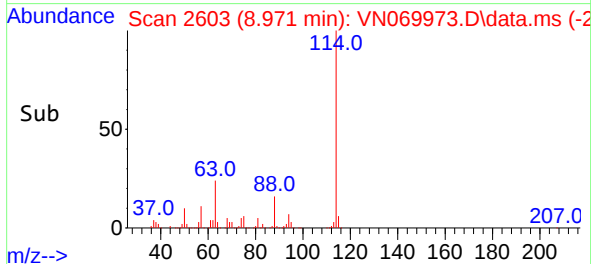
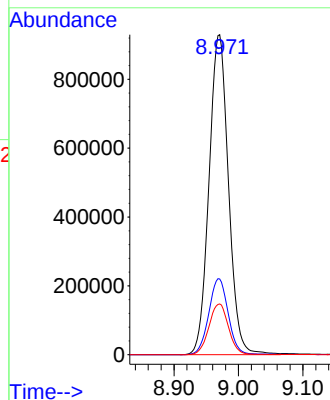
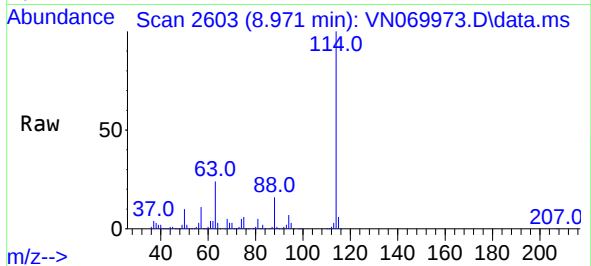




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069973.D
Acq: 10 Dec 2021 21:30

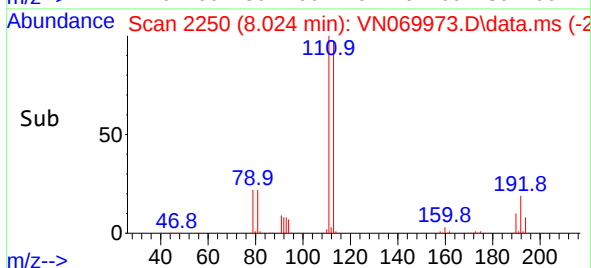
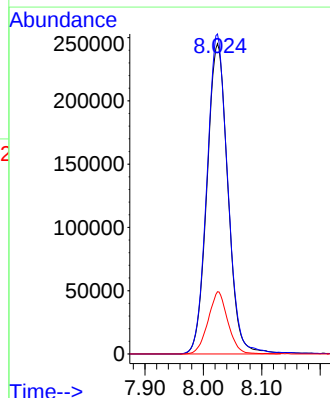
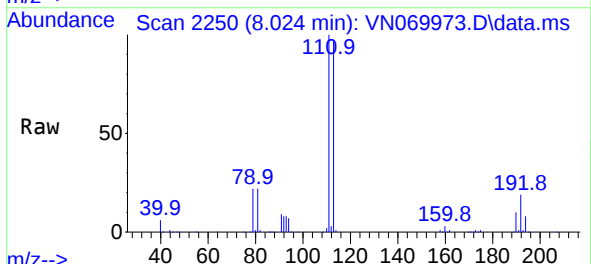
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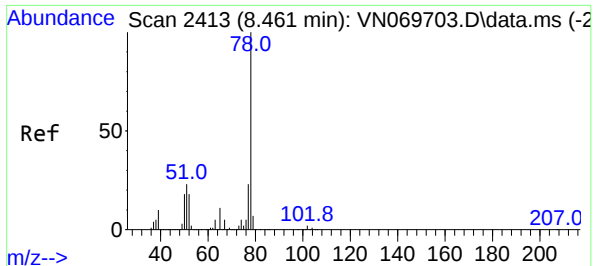
Tgt Ion:114 Resp: 1948989
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 15.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.931 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069973.D
Acq: 10 Dec 2021 21:30

Tgt Ion:113 Resp: 609564
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 18.9 16.9 25.3

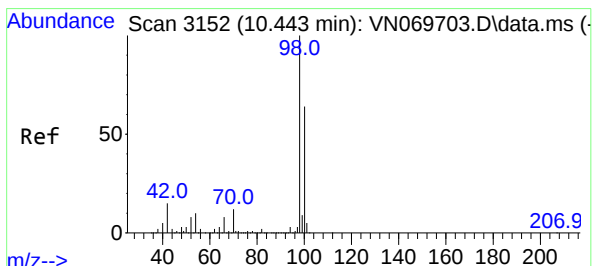
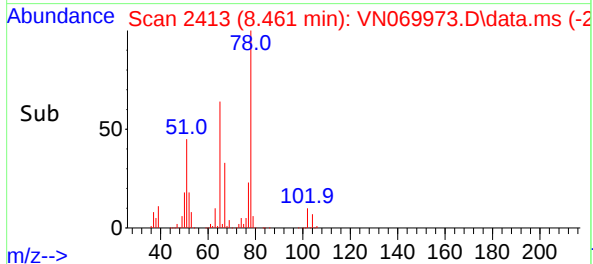
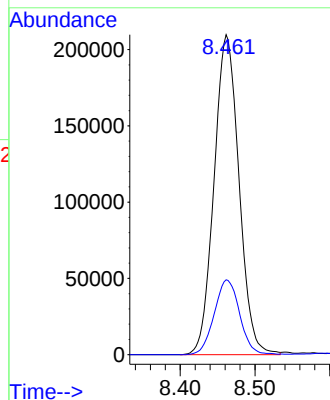
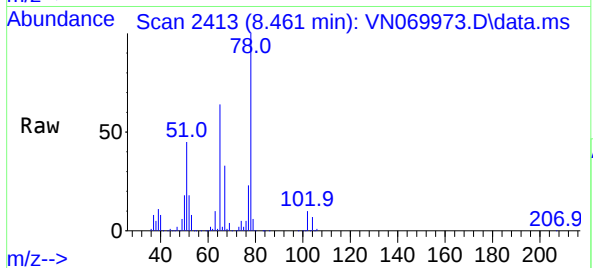




#40
Benzene
Concen: 8.564 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069973.D
Acq: 10 Dec 2021 21:30

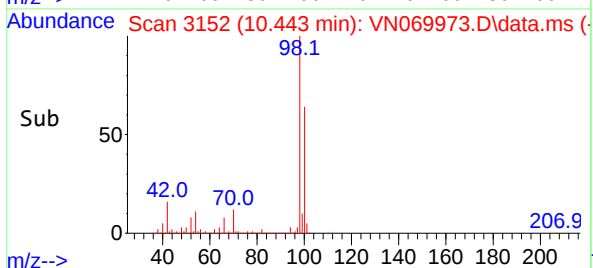
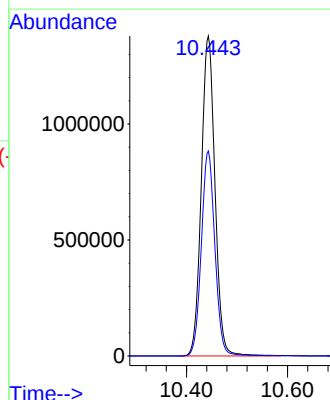
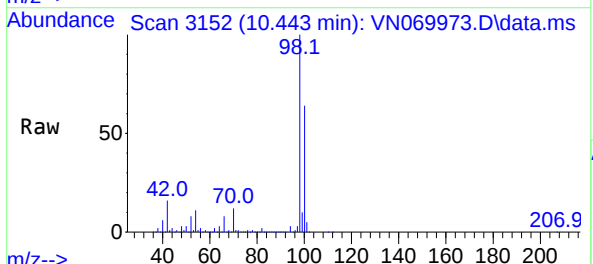
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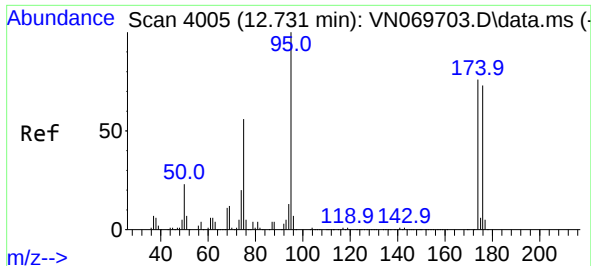
Tgt Ion: 78 Resp: 485694
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8



#50
Toluene-d8
Concen: 52.875 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069973.D
Acq: 10 Dec 2021 21:30

Tgt Ion: 98 Resp: 2591898
Ion Ratio Lower Upper
98 100
100 63.5 50.4 75.6

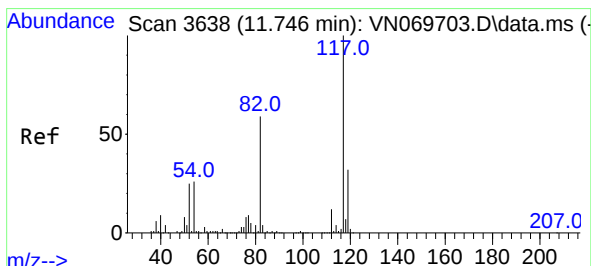
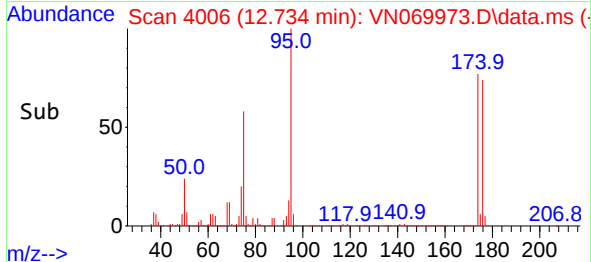
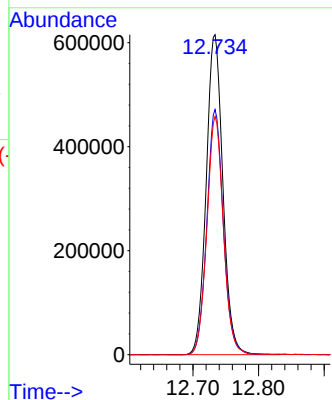
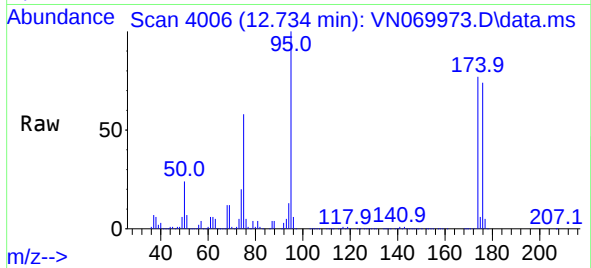




#62
4-Bromofluorobenzene
Concen: 61.139 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN069973.D
Acq: 10 Dec 2021 21:30

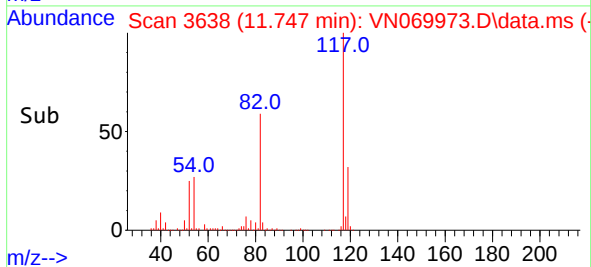
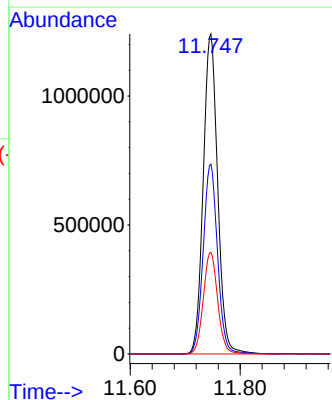
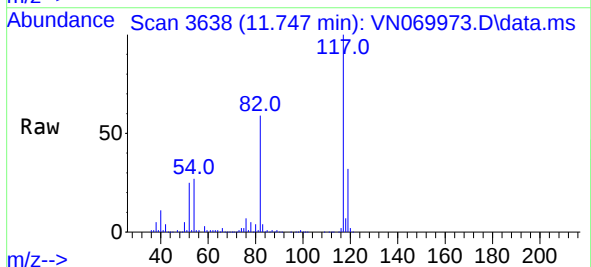
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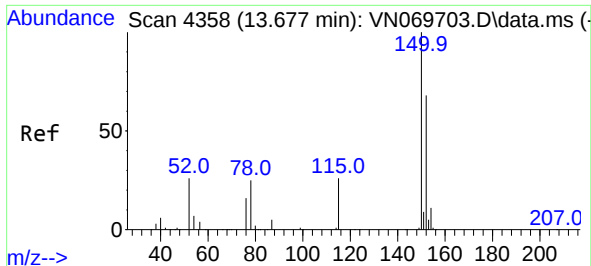
Tgt Ion: 95 Resp: 1085740
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 73.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN069973.D
Acq: 10 Dec 2021 21:30

Tgt Ion: 117 Resp: 2258801
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 31.7 25.4 38.2

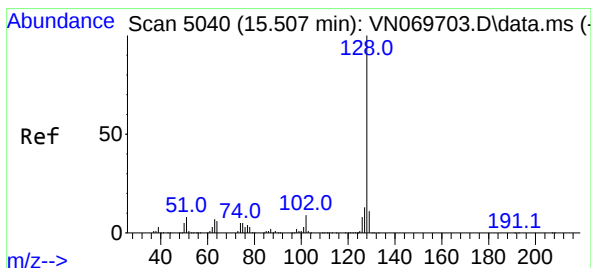
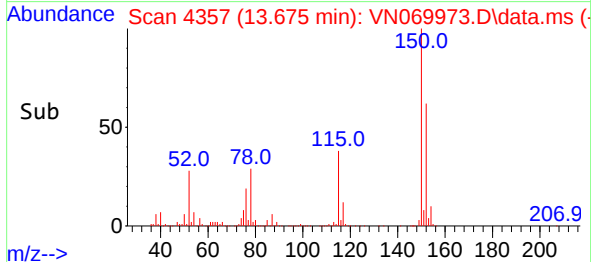
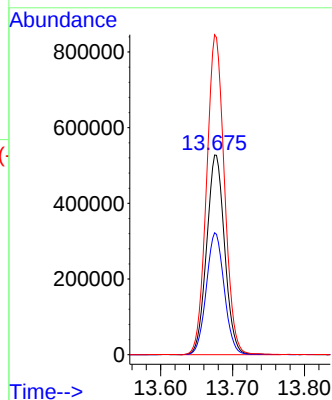
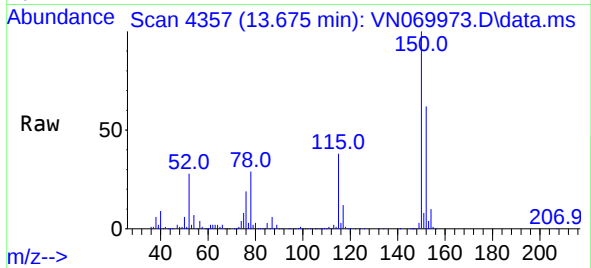




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN069973.D
Acq: 10 Dec 2021 21:30

Instrument :
MSVOA_N
ClientSampleId :
MW-21

Tgt Ion:152 Resp: 920209
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 158.7 0.0 344.4



#95
Naphthalene
Concen: 4.421 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069973.D
Acq: 10 Dec 2021 21:30

Tgt Ion:128 Resp: 21309
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.7 8.7 13.1

