

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069923.D
 Acq On : 9 Dec 2021 20:10
 Operator : JC/MD
 Sample : M4969-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-28D2

Quant Time: Dec 10 06:22:17 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)

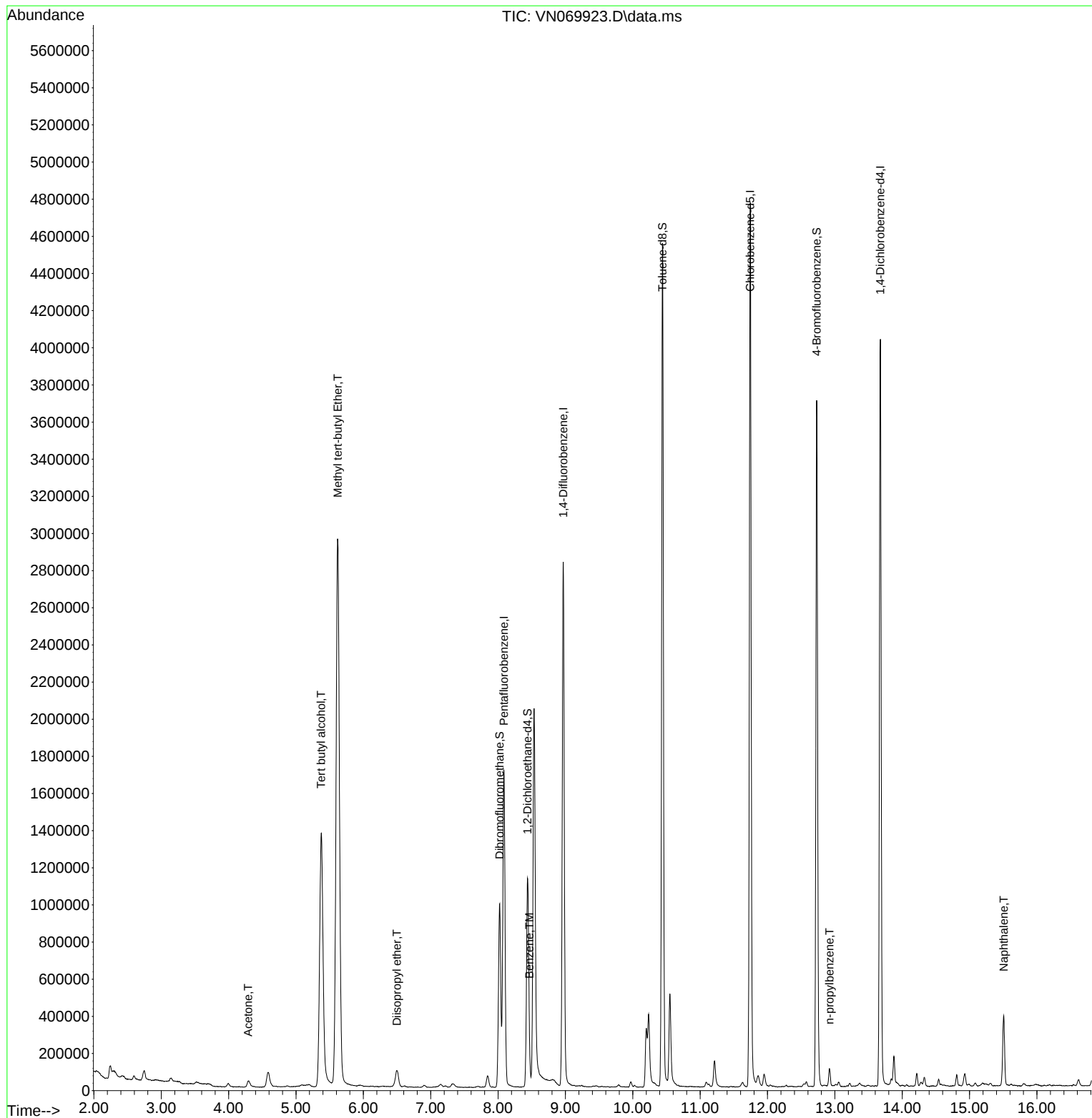
Internal Standards						
1) Pentafluorobenzene	8.086	168	1273465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2344526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2638120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1069428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	963890	49.022	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.040%
35) Dibromofluoromethane	8.024	113	708562	48.249	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.500%
50) Toluene-d8	10.440	98	3098587	52.547	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.100%
62) 4-Bromofluorobenzene	12.731	95	1266428	59.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	118.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.374	59	2539115	683.172	ug/l	99
16) Acetone	4.291	43	60261	5.095	ug/l	96
19) Methyl tert-butyl Ether	5.621	73	4650088	98.590	ug/l	96
22) Diisopropyl ether	6.498	45	113805	2.130	ug/l #	87
40) Benzene	8.464	78	51391	0.753	ug/l	100
78) n-propylbenzene	12.921	91	77113	0.728	ug/l	95
95) Naphthalene	15.507	128	355352	10.243	ug/l	99

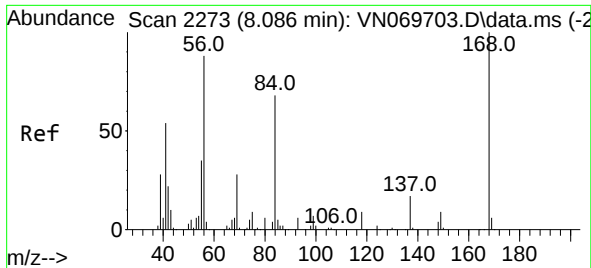
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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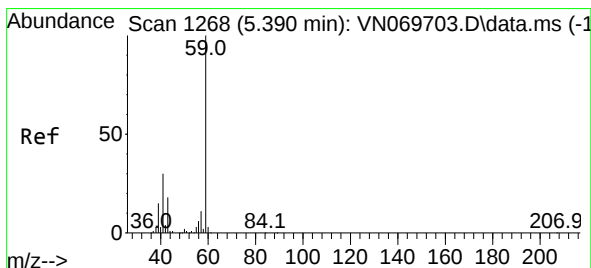
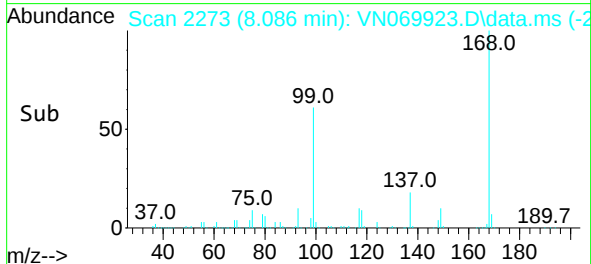
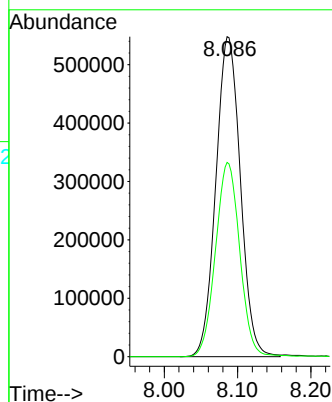
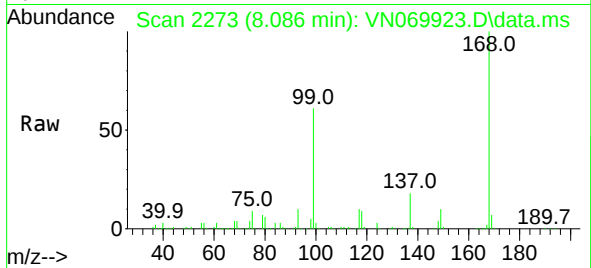




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069923.D
Acq: 9 Dec 2021 20:10

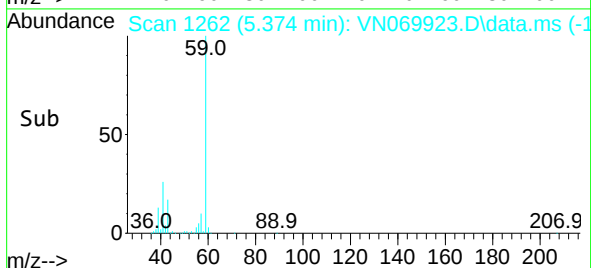
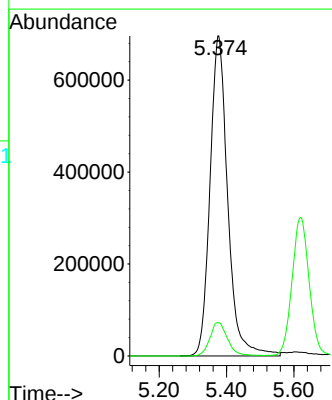
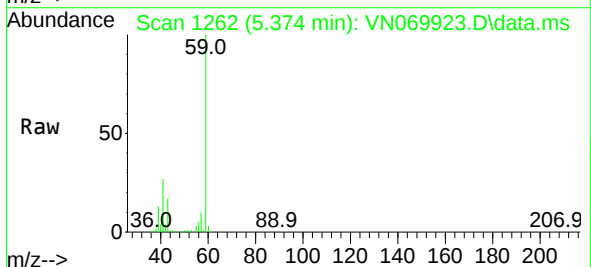
Instrument :
MSVOA_N
ClientSampleId :
MW-28D2

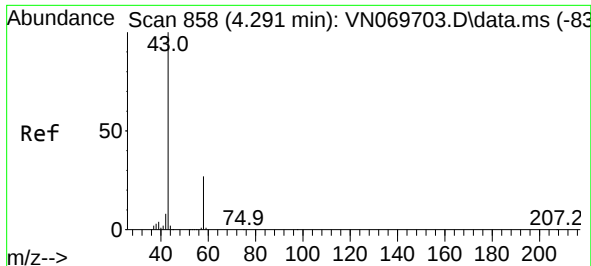
Tgt Ion:168 Resp: 1273465
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9



#11
Tert butyl alcohol
Concen: 683.172 ug/l
RT: 5.374 min Scan# 1262
Delta R.T. -0.016 min
Lab File: VN069923.D
Acq: 9 Dec 2021 20:10

Tgt Ion: 59 Resp: 2539115
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

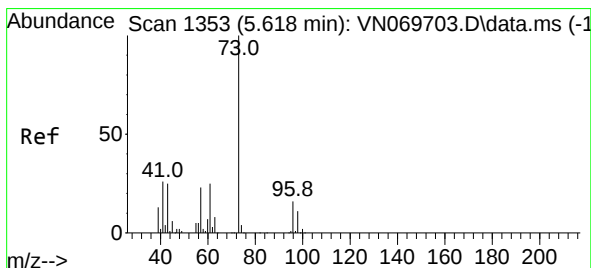
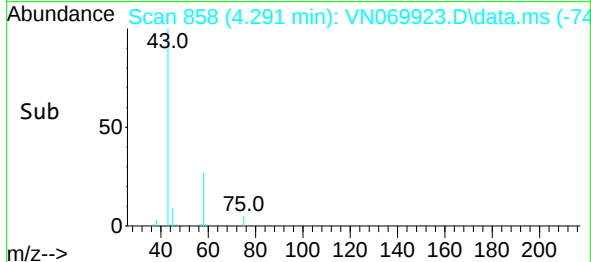
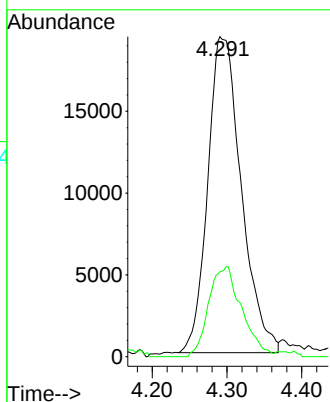
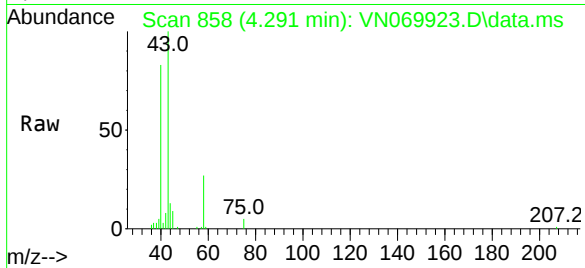




#16
Acetone
Concen: 5.095 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069923.D
Acq: 9 Dec 2021 20:10

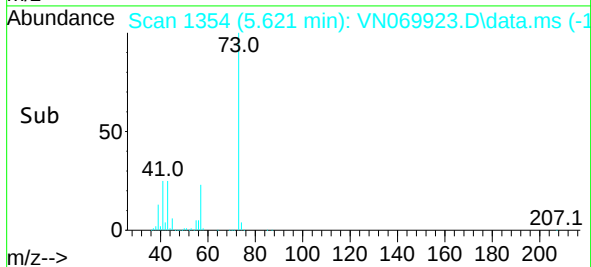
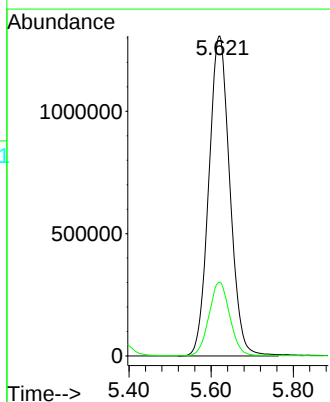
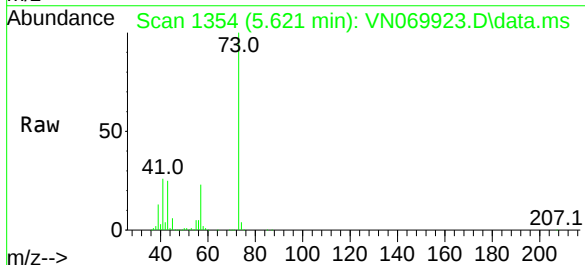
Instrument :
MSVOA_N
ClientSampleId :
MW-28D2

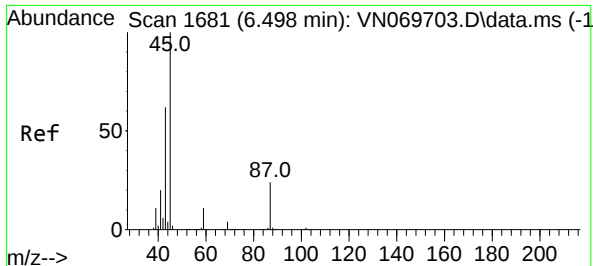
Tgt Ion: 43 Resp: 60261
Ion Ratio Lower Upper
43 100
58 26.9 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 98.590 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN069923.D
Acq: 9 Dec 2021 20:10

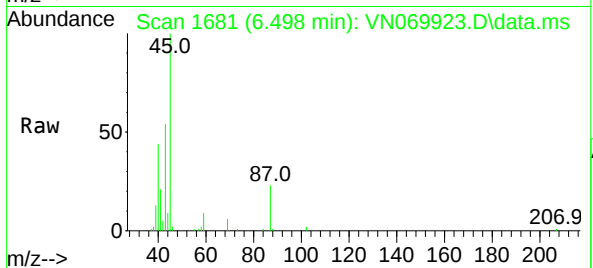
Tgt Ion: 73 Resp: 4650088
Ion Ratio Lower Upper
73 100
57 23.0 16.8 25.2



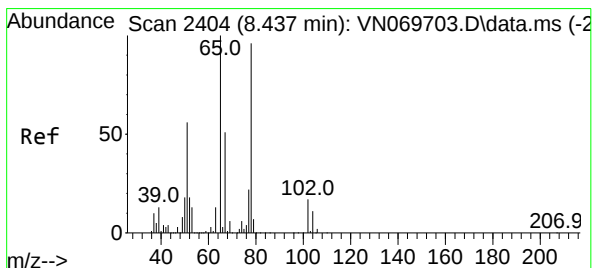
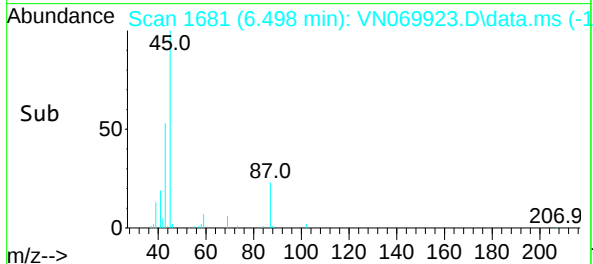
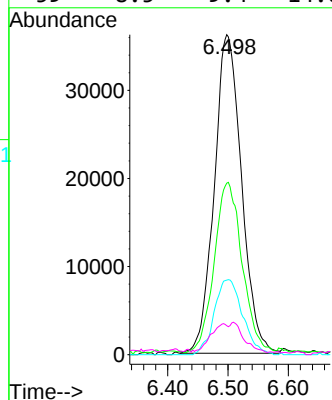


#22
Diisopropyl ether
Concen: 2.130 ug/l
RT: 6.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN069923.D
Acq: 9 Dec 2021 20:10

Instrument :
MSVOA_N
ClientSampleId :
MW-28D2

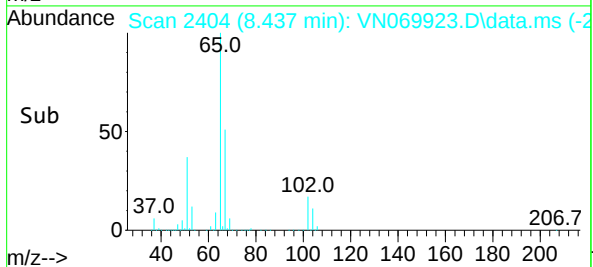
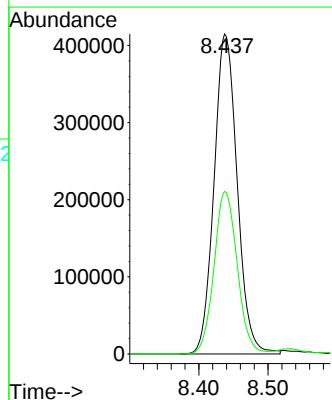
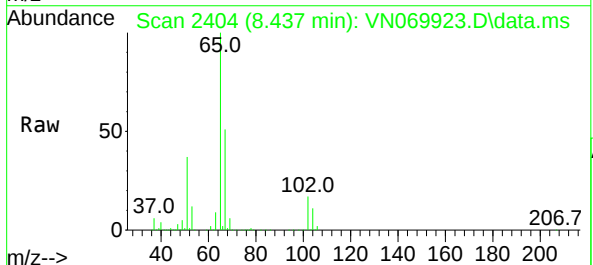


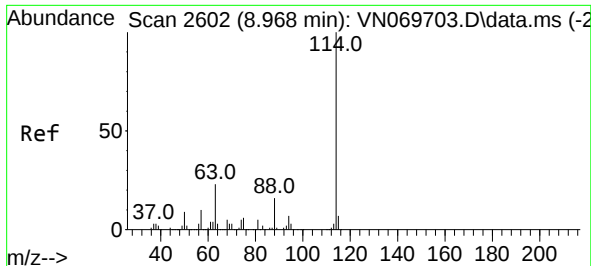
Tgt Ion: 45 Resp: 113805
Ion Ratio Lower Upper
45 100
43 52.9 51.7 77.5
87 23.4 23.2 34.8
59 8.5 9.4 14.0#



#33
1,2-Dichloroethane-d4
Concen: 49.022 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069923.D
Acq: 9 Dec 2021 20:10

Tgt Ion: 65 Resp: 963890
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0

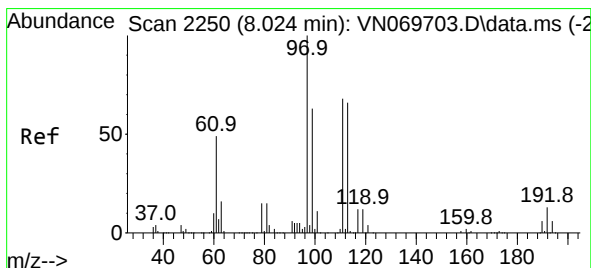
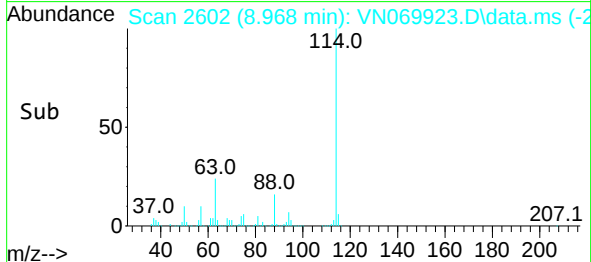
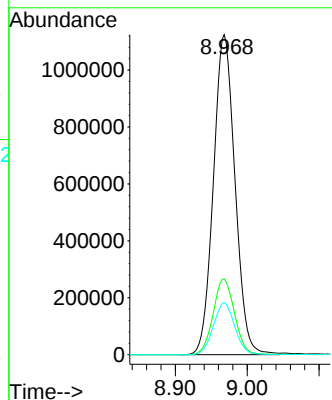
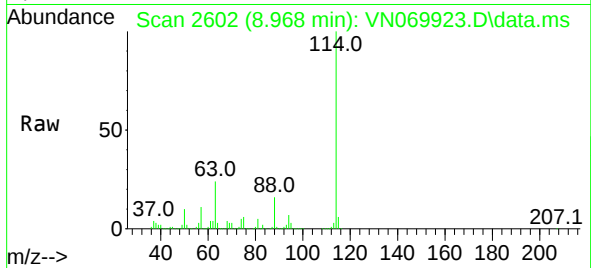




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069923.D
Acq: 9 Dec 2021 20:10

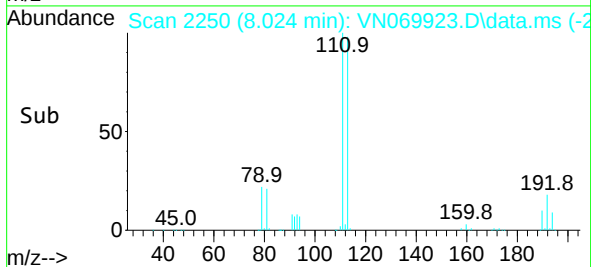
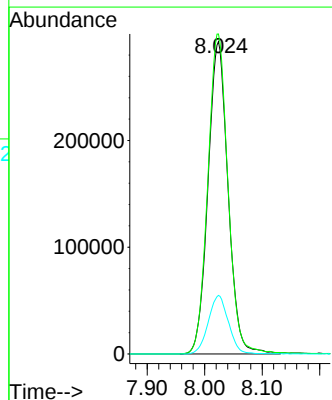
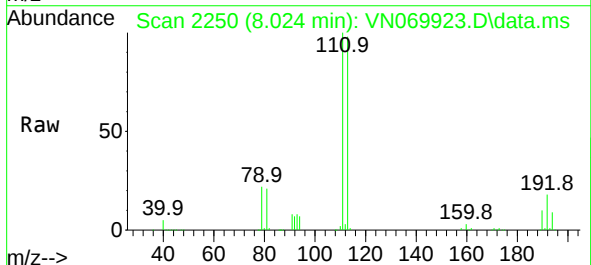
Instrument :
MSVOA_N
ClientSampleId :
MW-28D2

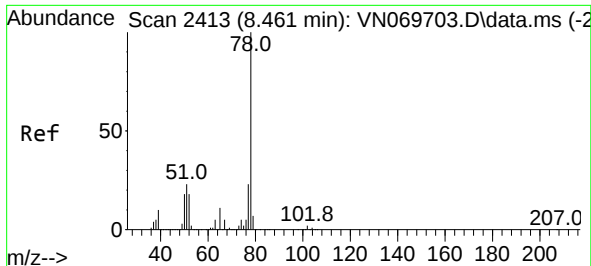
Tgt Ion:114 Resp: 2344526
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 48.249 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069923.D
Acq: 9 Dec 2021 20:10

Tgt Ion:113 Resp: 708562
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 18.8 16.9 25.3

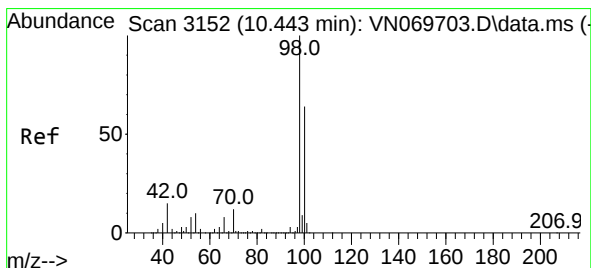
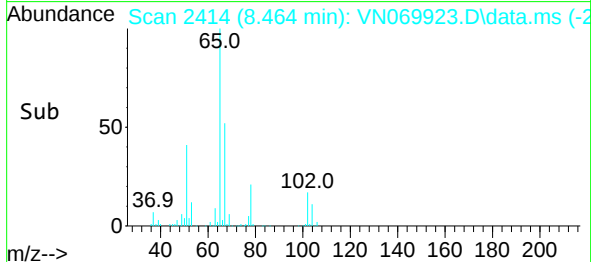
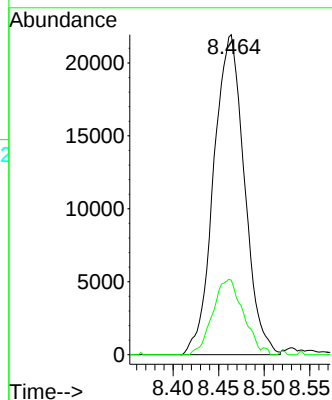
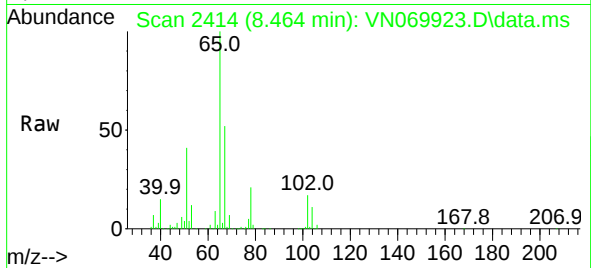




#40
Benzene
Concen: 0.753 ug/l
RT: 8.464 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN069923.D
Acq: 9 Dec 2021 20:10

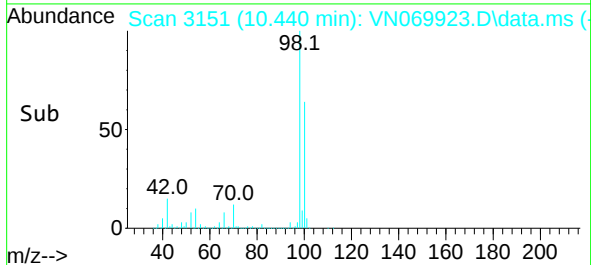
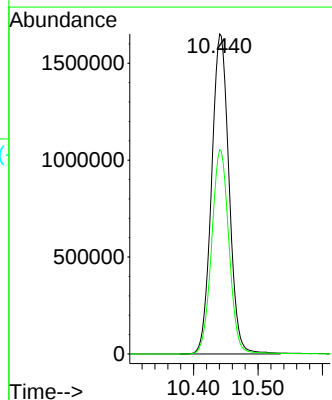
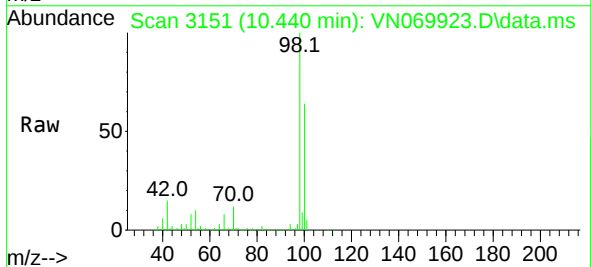
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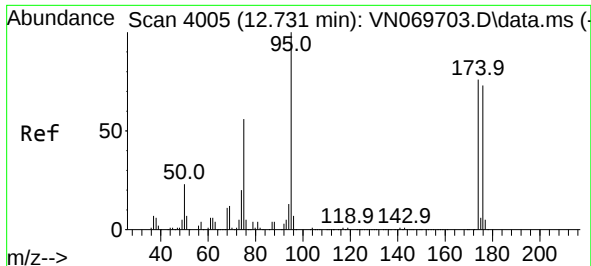
Tgt Ion: 78 Resp: 51391
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8



#50
Toluene-d8
Concen: 52.547 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069923.D
Acq: 9 Dec 2021 20:10

Tgt Ion: 98 Resp: 3098587
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6

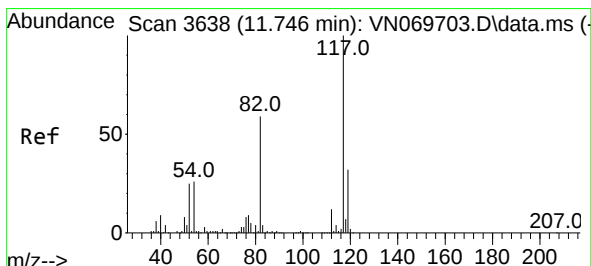
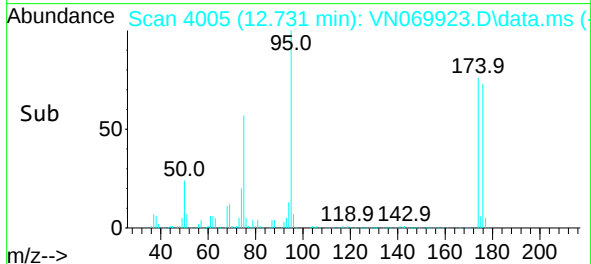
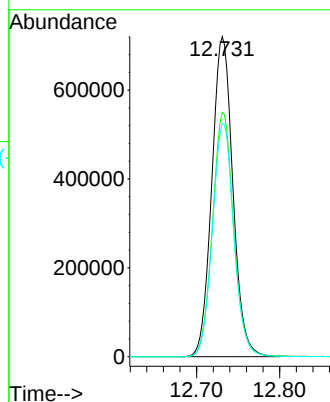
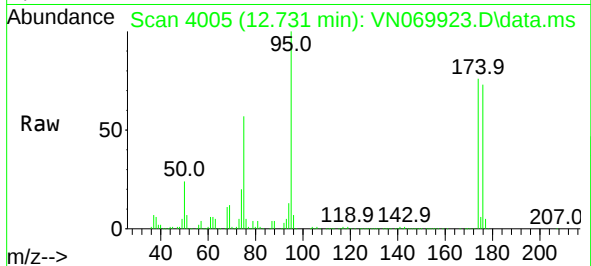




#62
4-Bromofluorobenzene
Concen: 59.282 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069923.D
Acq: 9 Dec 2021 20:10

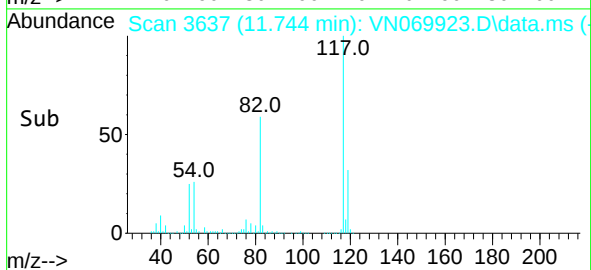
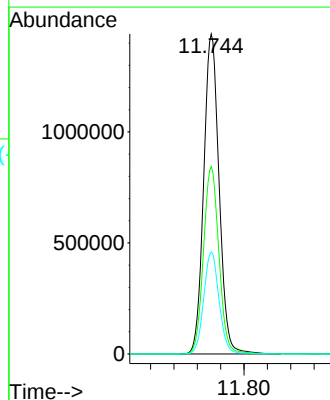
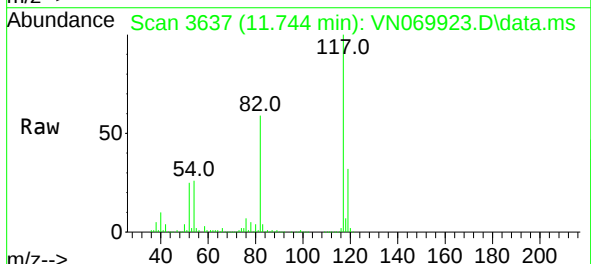
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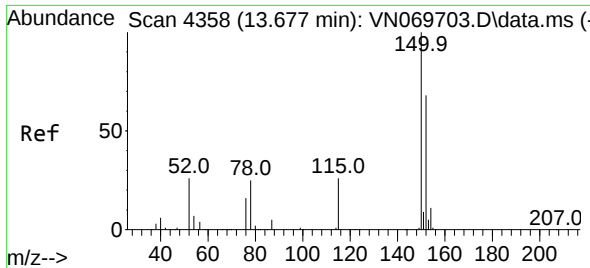
Tgt Ion: 95 Resp: 1266428
Ion Ratio Lower Upper
95 100
174 76.8 0.0 187.2
176 73.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069923.D
Acq: 9 Dec 2021 20:10

Tgt Ion: 117 Resp: 2638120
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 31.9 25.4 38.2

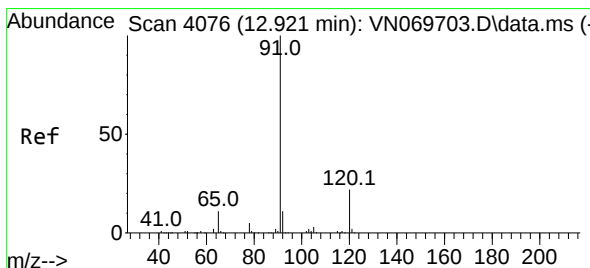
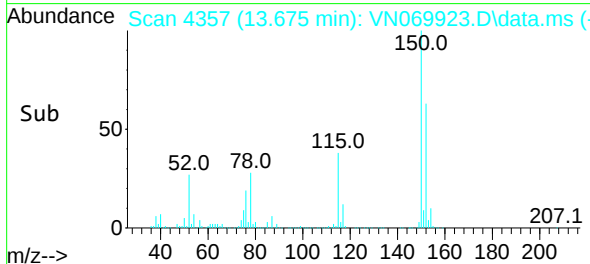
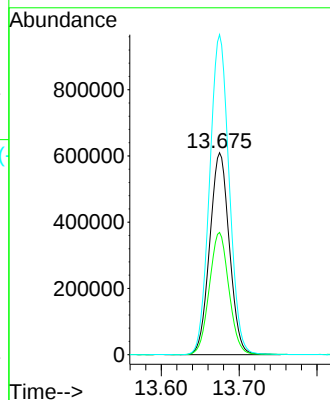
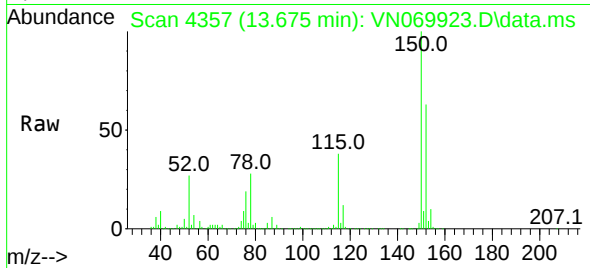




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069923.D
Acq: 9 Dec 2021 20:10

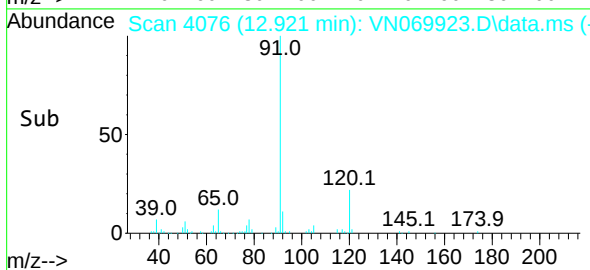
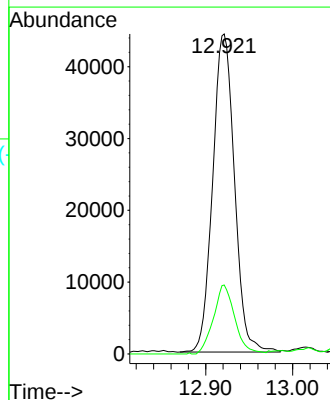
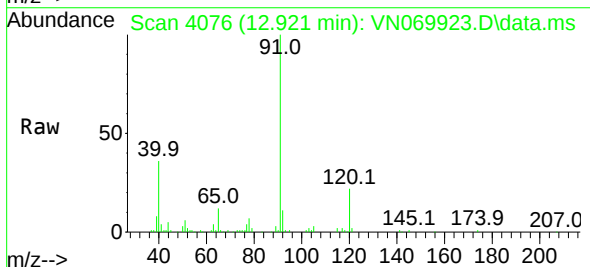
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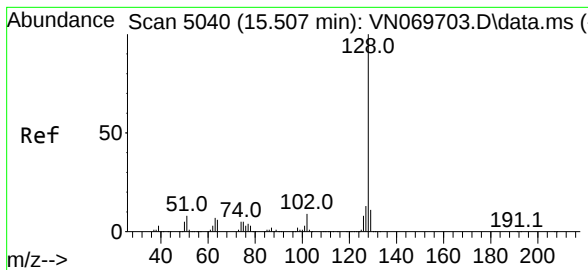
Tgt Ion:152 Resp: 1069428
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 157.4 0.0 344.4



#78
n-propylbenzene
Concen: 0.728 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069923.D
Acq: 9 Dec 2021 20:10

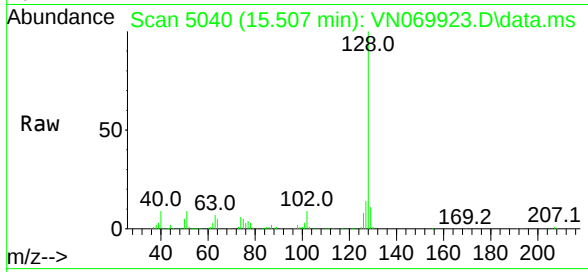
Tgt Ion: 91 Resp: 77113
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.9





#95
Naphthalene
Concen: 10.243 ug/l
RT: 15.507 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN069923.D
Acq: 9 Dec 2021 20:10

Instrument :
MSVOA_N
ClientSampleId :
MW-28D2



Tgt Ion:	128	Resp:	355352
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	10.8	8.7	13.1

