

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070054.D
 Acq On : 14 Dec 2021 1:50
 Operator : JC/MD
 Sample : M5007-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-09

Quant Time: Dec 14 07:30:43 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)

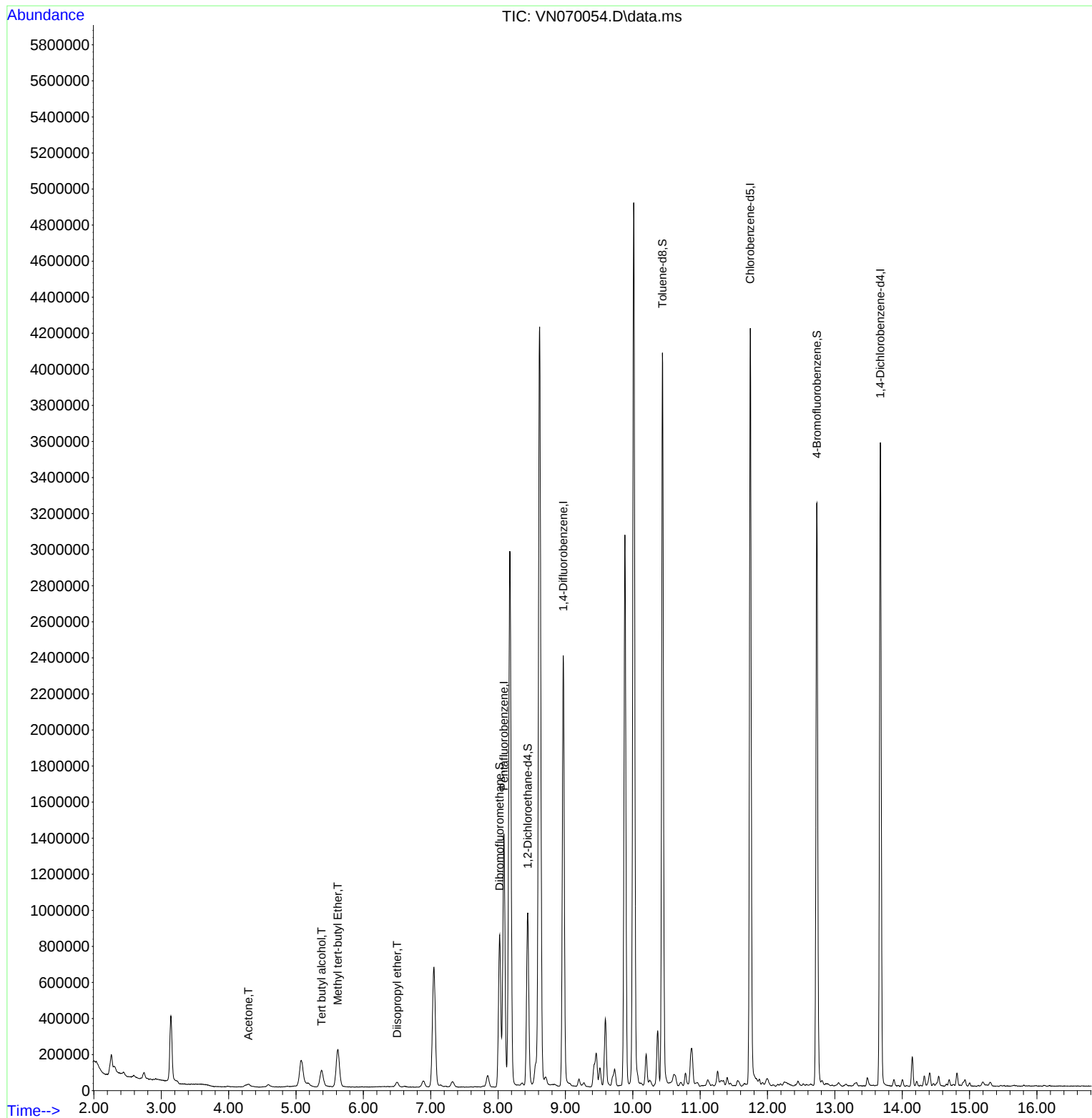
Internal Standards						
1) Pentafluorobenzene	8.088	168	1024592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1987178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2333860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	945766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	835540	52.816	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.640%
35) Dibromofluoromethane	8.024	113	613009	49.249	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.500%
50) Toluene-d8	10.441	98	2676570	53.553	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.100%
62) 4-Bromofluorobenzene	12.734	95	1118870	61.793	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	123.580%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.380	59	157507	52.672	ug/l	95
16) Acetone	4.293	43	29071	3.055	ug/l	98
19) Methyl tert-butyl Ether	5.621	73	196820	5.187	ug/l #	24
22) Diisopropyl ether	6.501	45	35185	0.819	ug/l #	86

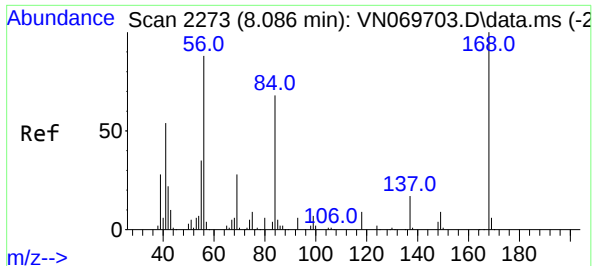
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

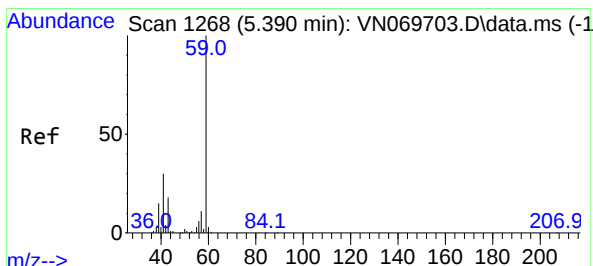
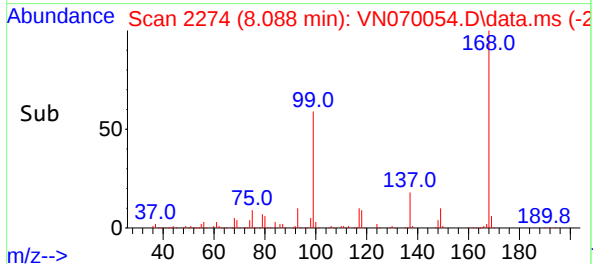
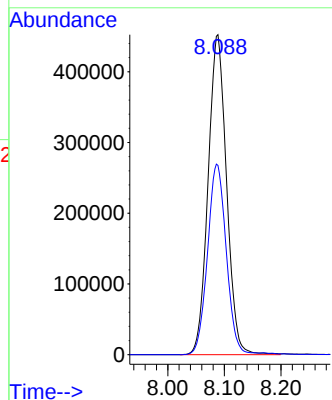
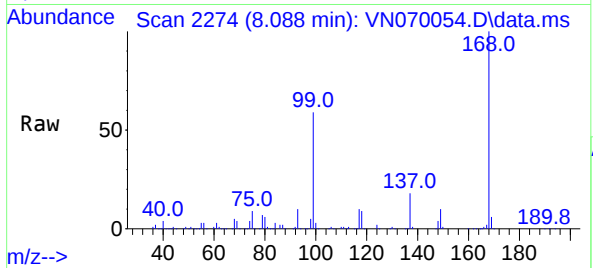




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070054.D
Acq: 14 Dec 2021 1:50

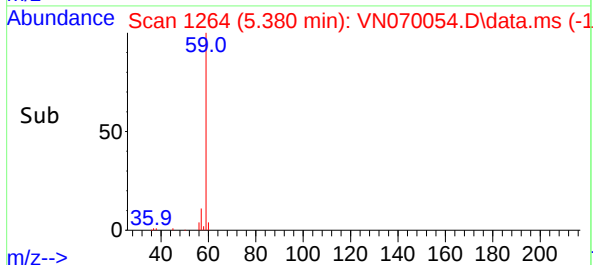
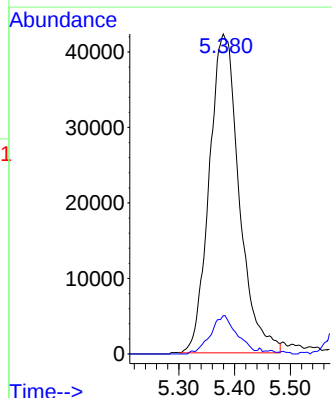
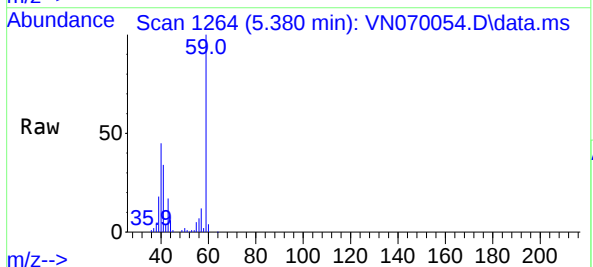
Instrument :
MSVOA_N
ClientSampleId :
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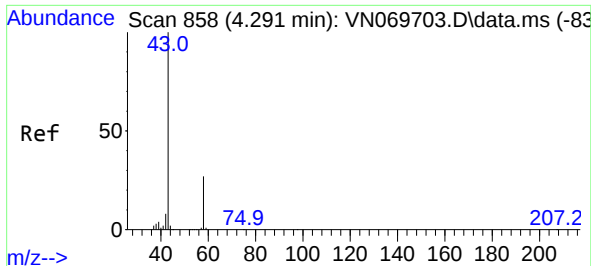
Tgt Ion:168 Resp: 1024592
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9



#11
Tert butyl alcohol
Concen: 52.672 ug/l
RT: 5.380 min Scan# 1264
Delta R.T. -0.010 min
Lab File: VN070054.D
Acq: 14 Dec 2021 1:50

Tgt Ion: 59 Resp: 157507
Ion Ratio Lower Upper
59 100
57 9.1 8.7 13.1

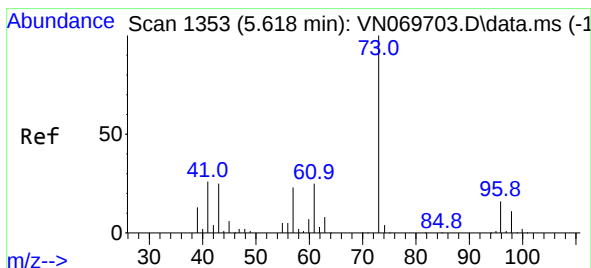
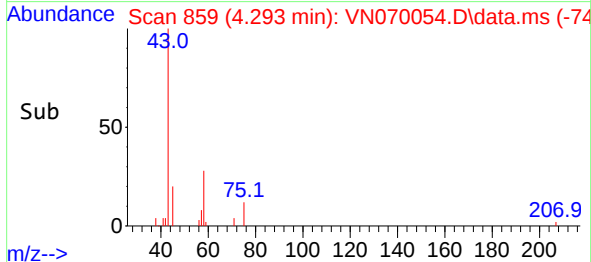
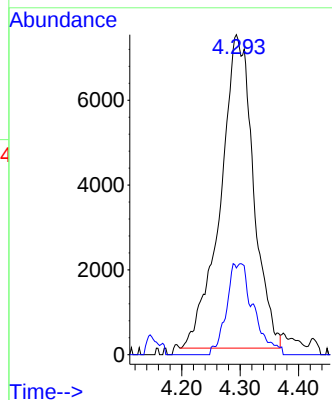
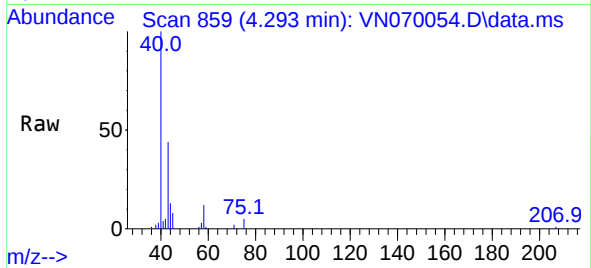




#16
Acetone
Concen: 3.055 ug/l
RT: 4.293 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070054.D
Acq: 14 Dec 2021 1:50

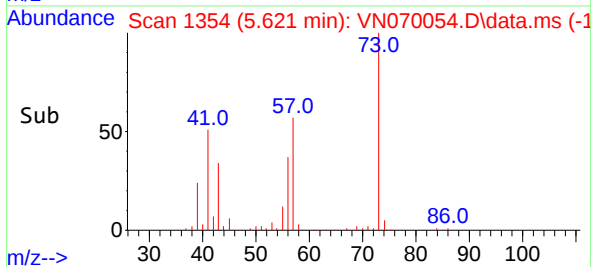
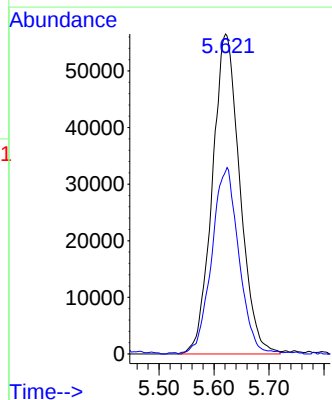
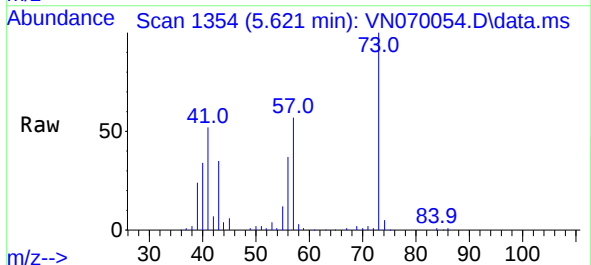
Instrument :
MSVOA_N
ClientSampleId :
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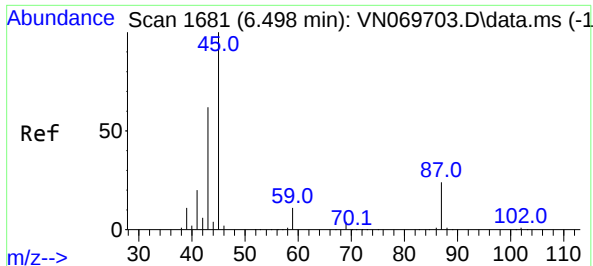
Tgt Ion: 43 Resp: 29071
Ion Ratio Lower Upper
43 100
58 27.7 23.1 34.7



#19
Methyl tert-butyl Ether
Concen: 5.187 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VN070054.D
Acq: 14 Dec 2021 1:50

Tgt Ion: 73 Resp: 196820
Ion Ratio Lower Upper
73 100
57 56.8 16.8 25.2#

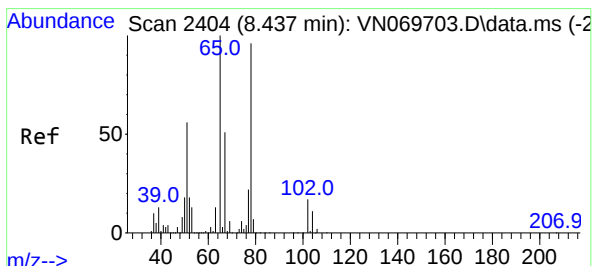
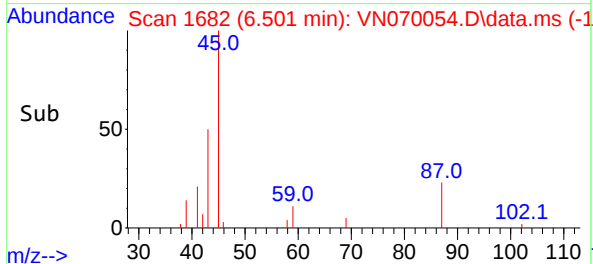
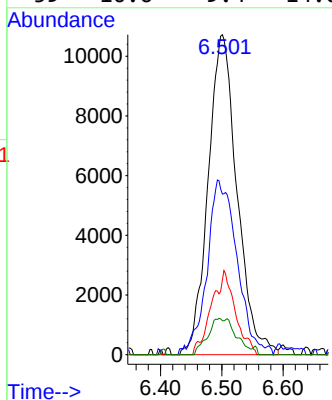
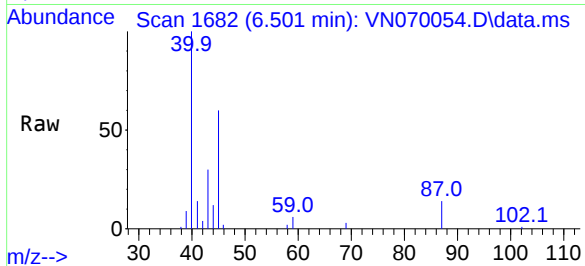




#22
Diisopropyl ether
Concen: 0.819 ug/l
RT: 6.501 min Scan# 1
Delta R.T. 0.003 min
Lab File: VN070054.D
Acq: 14 Dec 2021 1:50

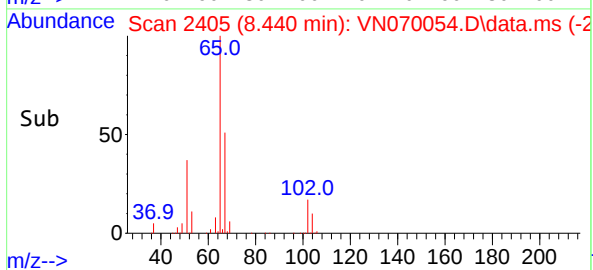
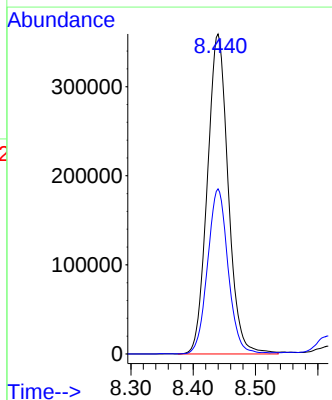
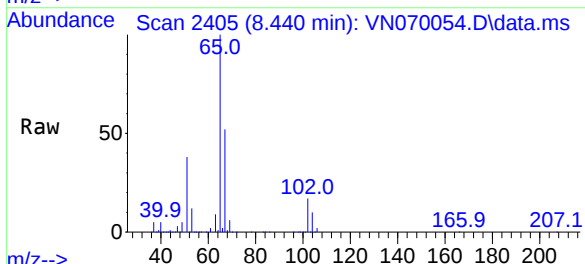
Instrument :
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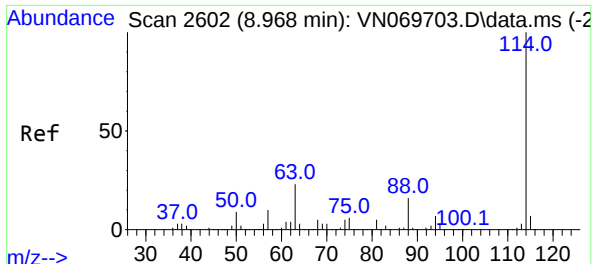
Tgt Ion:	45	Resp:	35185
Ion	Ratio	Lower	Upper
45	100		
43	50.2	51.7	77.5#
87	23.3	23.2	34.8
59	10.6	9.4	14.0



#33
1,2-Dichloroethane-d4
Concen: 52.816 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070054.D
Acq: 14 Dec 2021 1:50

Tgt Ion:	65	Resp:	835540
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	103.0

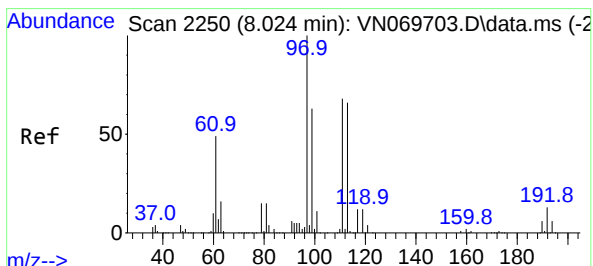
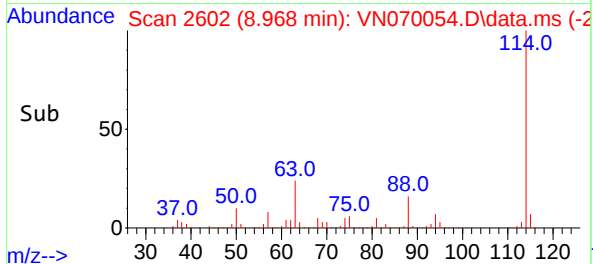
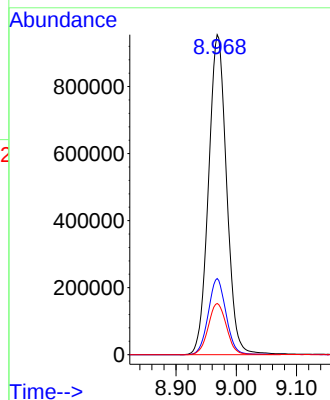
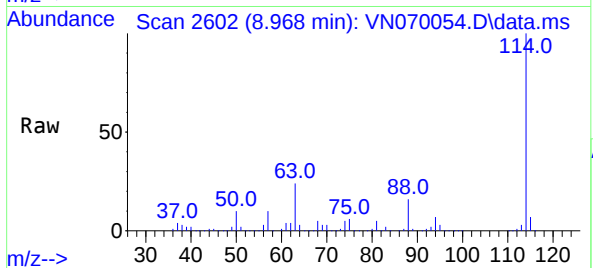




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070054.D
Acq: 14 Dec 2021 1:50

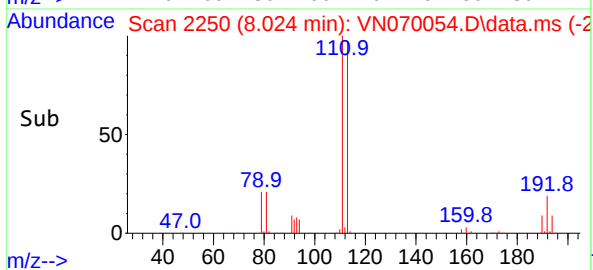
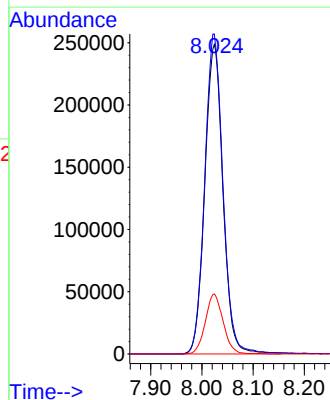
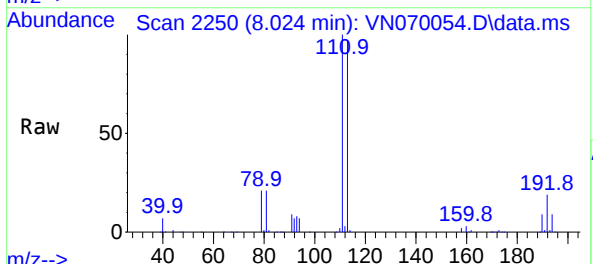
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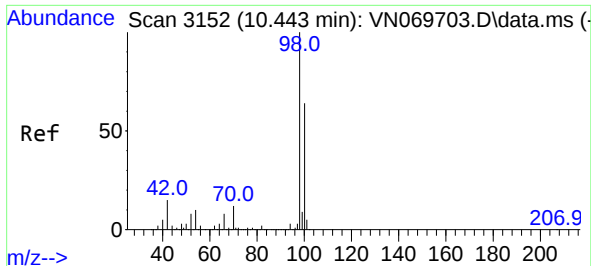
Tgt Ion:114 Resp: 1987178
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.249 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070054.D
Acq: 14 Dec 2021 1:50

Tgt Ion:113 Resp: 613009
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 18.9 16.9 25.3

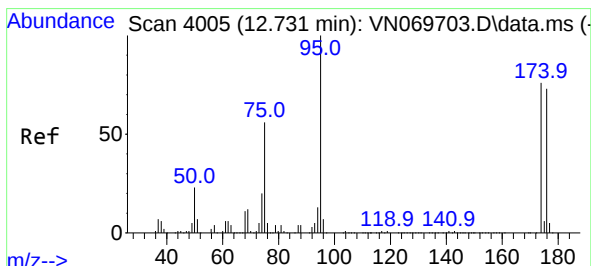
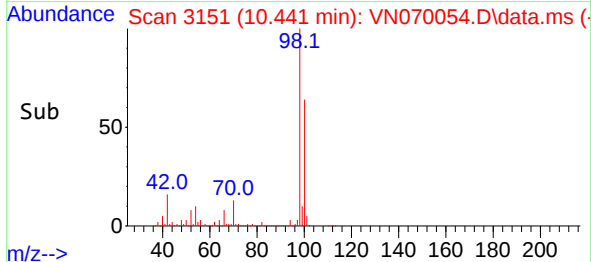
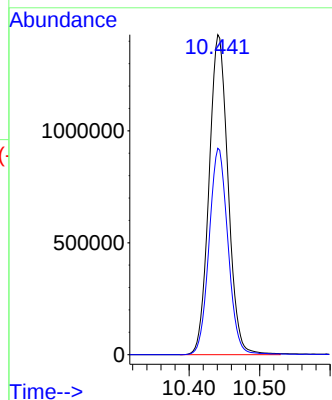
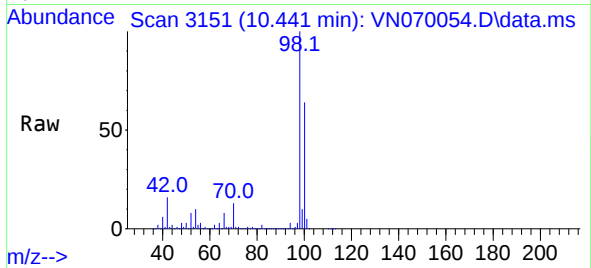




#50
Toluene-d8
Concen: 53.553 ug/l
RT: 10.441 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070054.D
Acq: 14 Dec 2021 1:50

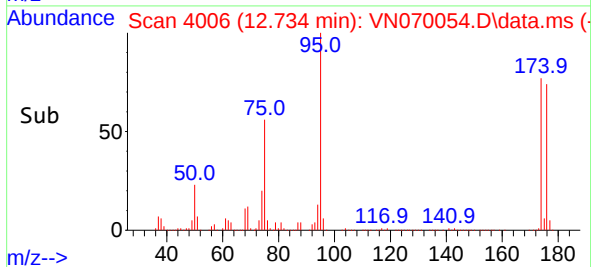
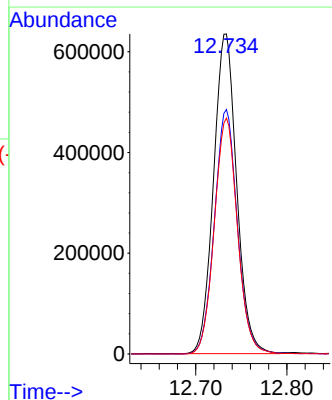
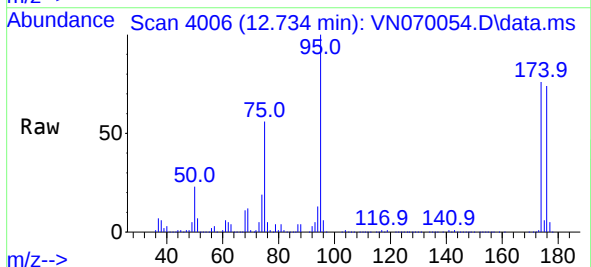
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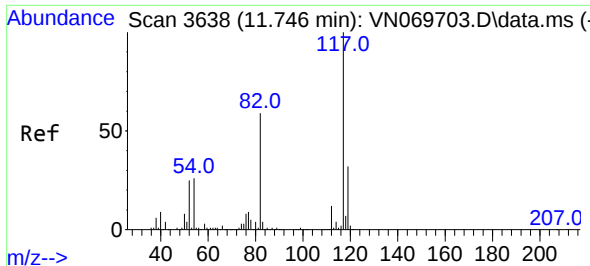
Tgt Ion: 98 Resp: 2676570
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 61.793 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070054.D
Acq: 14 Dec 2021 1:50

Tgt Ion: 95 Resp: 1118870
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 74.0 0.0 181.4

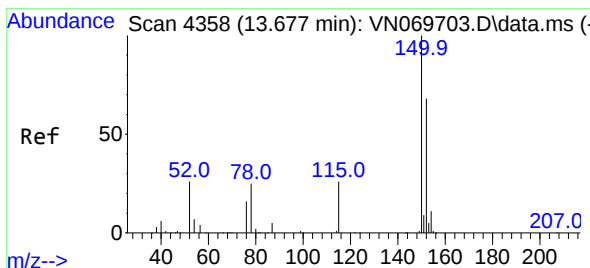
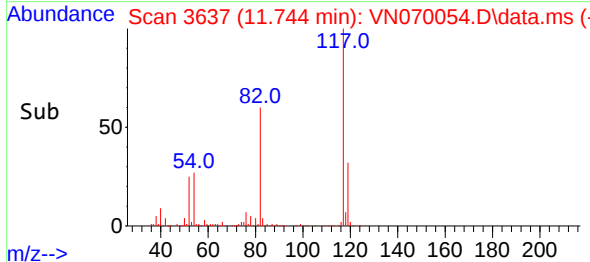
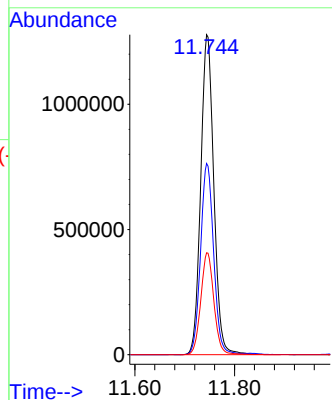
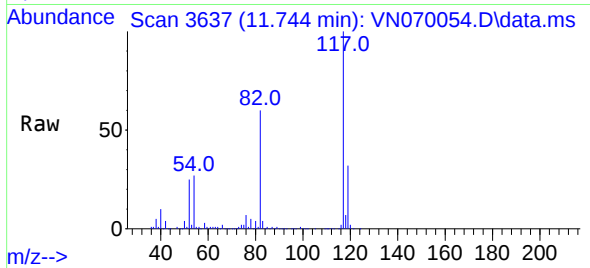




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070054.D
Acq: 14 Dec 2021 1:50

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

Tgt Ion:117 Resp: 2333860
Ion Ratio Lower Upper
117 100
82 59.7 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# 4357
Delta R.T. -0.002 min
Lab File: VN070054.D
Acq: 14 Dec 2021 1:50

Tgt Ion:152 Resp: 945766
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 157.8 0.0 344.4

