

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070049.D
 Acq On : 13 Dec 2021 23:42
 Operator : JC/MD
 Sample : M5007-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-04

Quant Time: Dec 14 07:29:43 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)

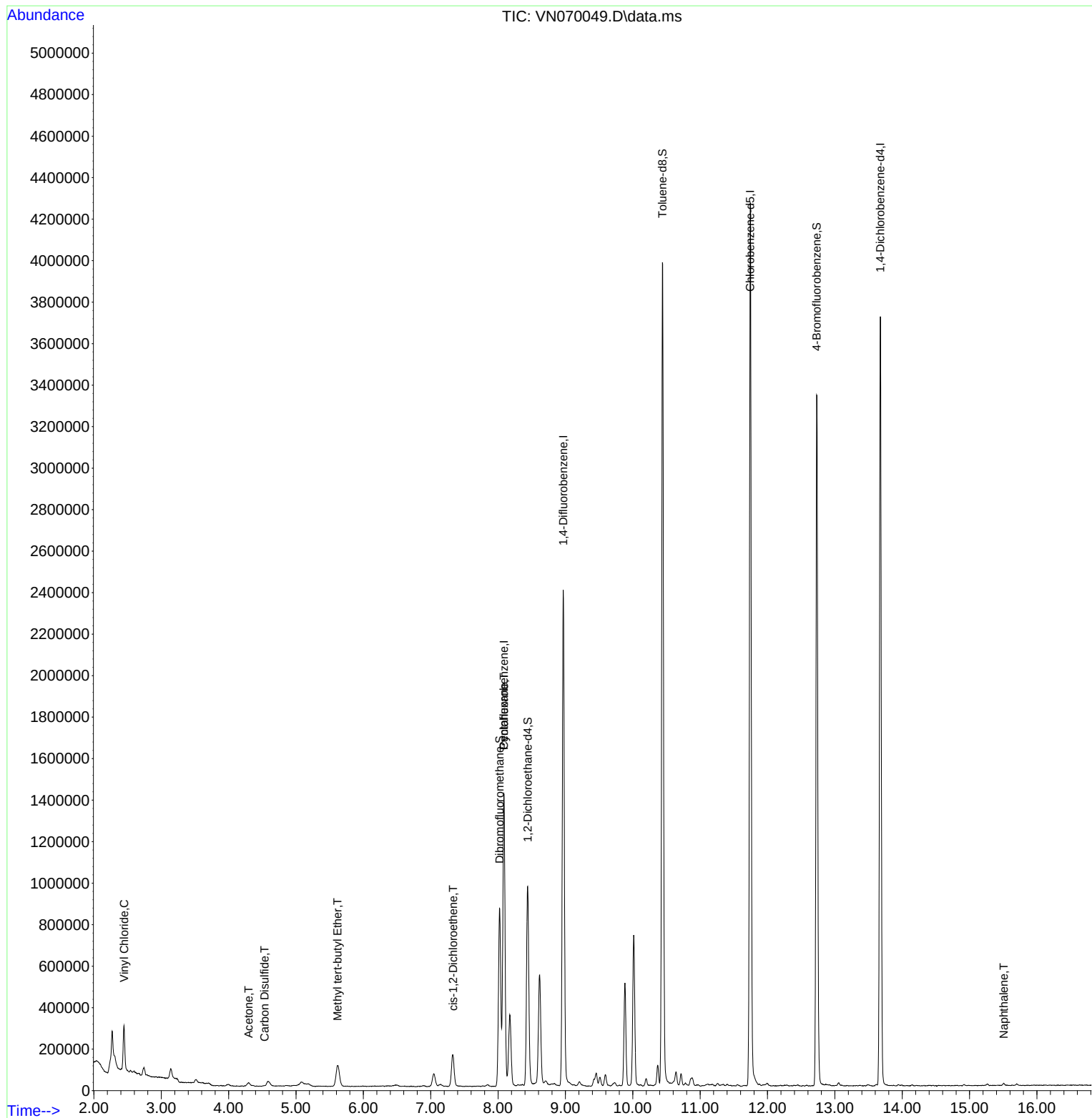
Internal Standards						
1) Pentafluorobenzene	8.088	168	1042505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2004989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2353236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	970680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	851384	52.893	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.780%	
35) Dibromofluoromethane	8.021	113	623713	49.663	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.320%	
50) Toluene-d8	10.440	98	2682916	53.203	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.400%	
62) 4-Bromofluorobenzene	12.731	95	1166296	63.840	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 127.680%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.448	62	101112	7.219	ug/l	100
16) Acetone	4.296	43	29890	3.087	ug/l	97
17) Carbon Disulfide	4.532	76	5323	0.207	ug/l #	84
19) Methyl tert-butyl Ether	5.615	73	128828	3.337	ug/l #	77
27) cis-1,2-Dichloroethene	7.332	96	87331	6.702	ug/l	95
31) Cyclohexane	8.088	56	29121	1.300	ug/l #	42
95) Naphthalene	15.507	128	9886	4.177	ug/l	97

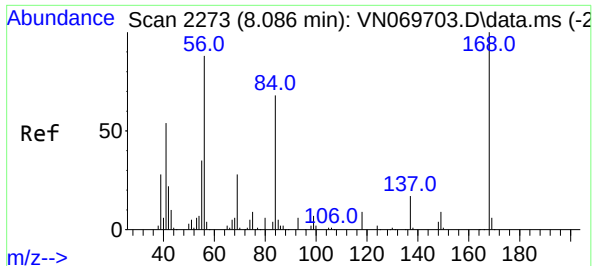
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

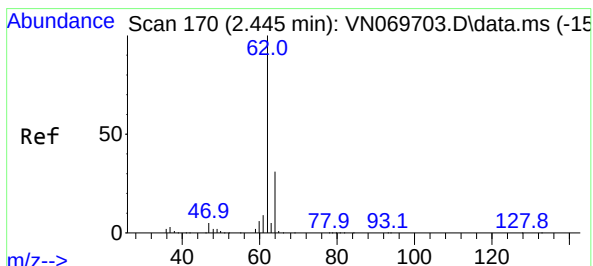
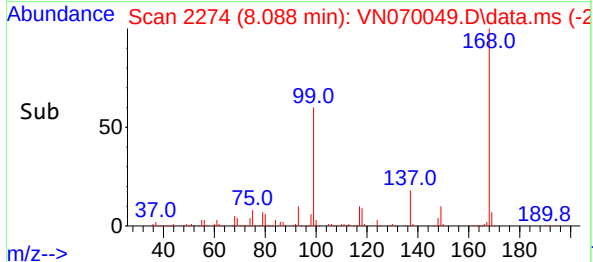
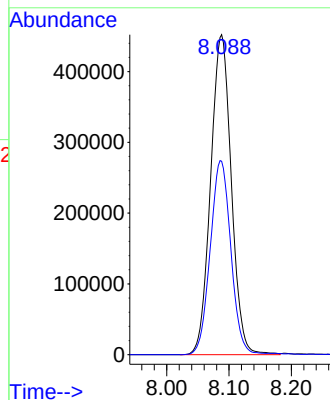
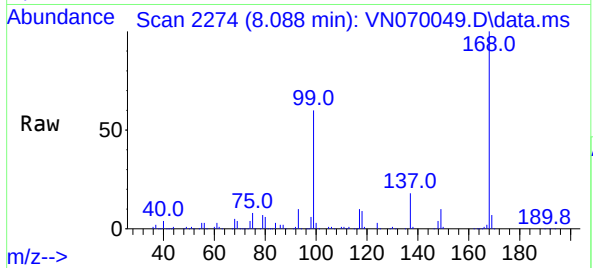




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070049.D
Acq: 13 Dec 2021 23:42

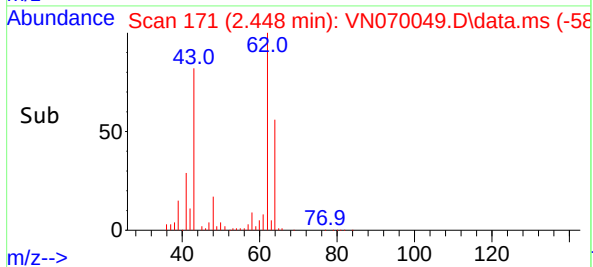
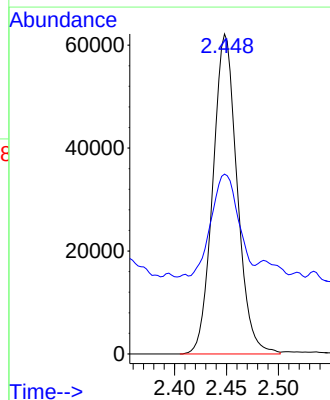
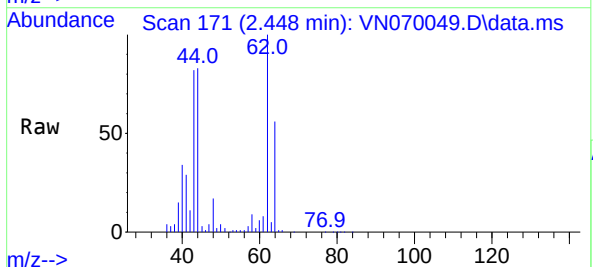
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-04

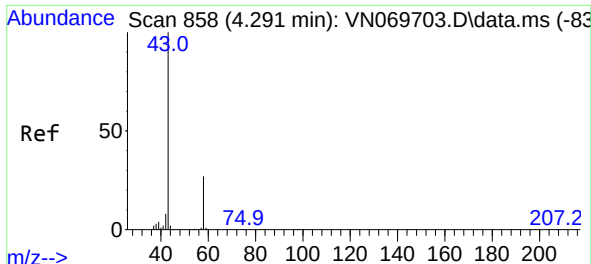
Tgt Ion:168 Resp: 1042505
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9



#4
Vinyl Chloride
Concen: 7.219 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070049.D
Acq: 13 Dec 2021 23:42

Tgt Ion: 62 Resp: 101112
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6

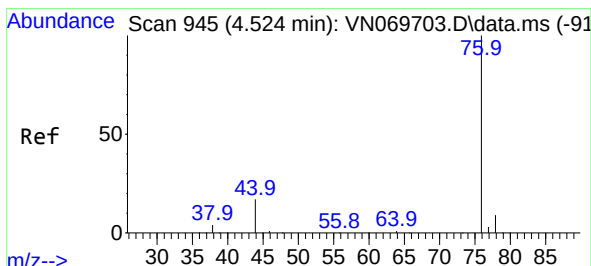
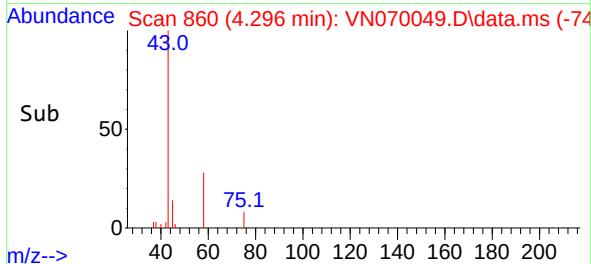
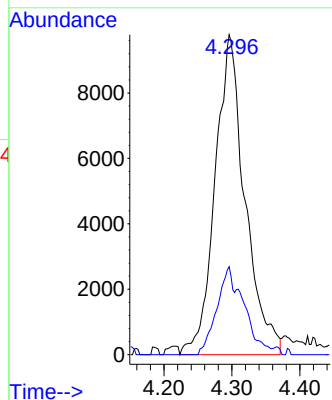
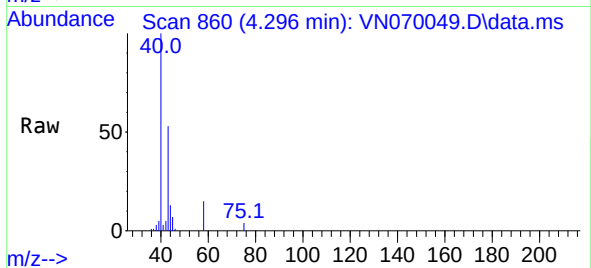




#16
Acetone
Concen: 3.087 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.005 min
Lab File: VN070049.D
Acq: 13 Dec 2021 23:42

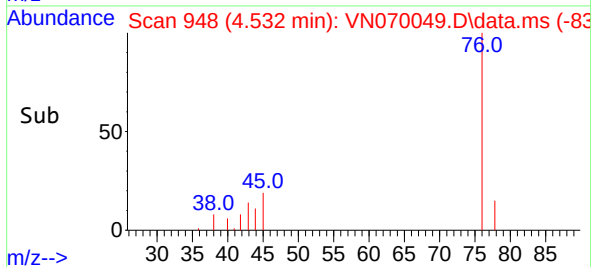
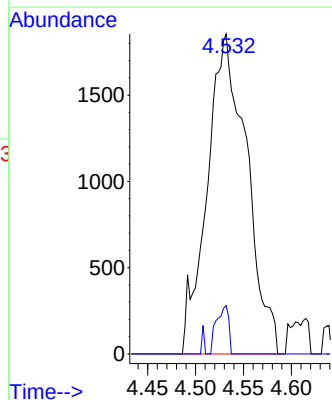
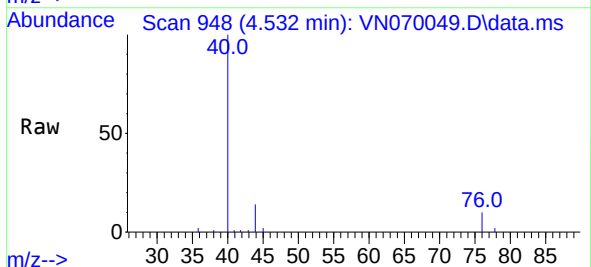
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-04

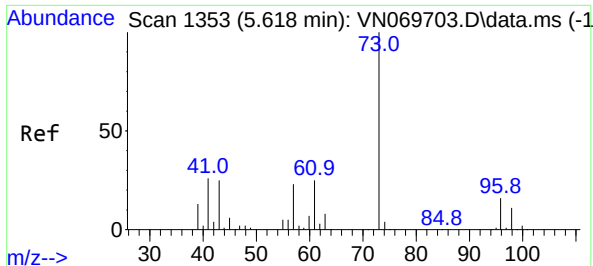
Tgt Ion: 43 Resp: 29890
Ion Ratio Lower Upper
43 100
58 27.5 23.1 34.7



#17
Carbon Disulfide
Concen: 0.207 ug/l
RT: 4.532 min Scan# 948
Delta R.T. 0.008 min
Lab File: VN070049.D
Acq: 13 Dec 2021 23:42

Tgt Ion: 76 Resp: 5323
Ion Ratio Lower Upper
76 100
78 15.1 7.5 11.3#





#19

Methyl tert-butyl Ether

Concen: 3.337 ug/l

RT: 5.615 min Scan# 11

Delta R.T. -0.003 min

Lab File: VN070049.D

Acq: 13 Dec 2021 23:42

Instrument :

MSVOA_N

ClientSampleId :

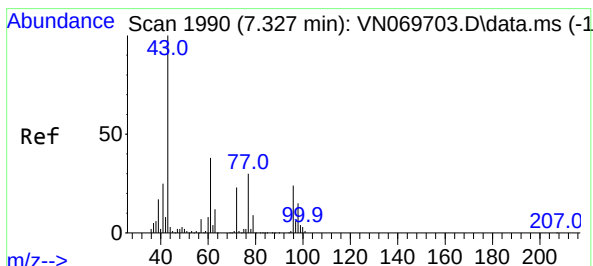
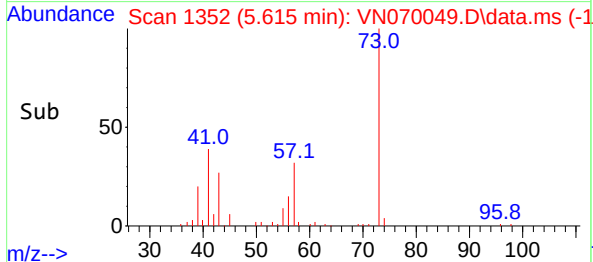
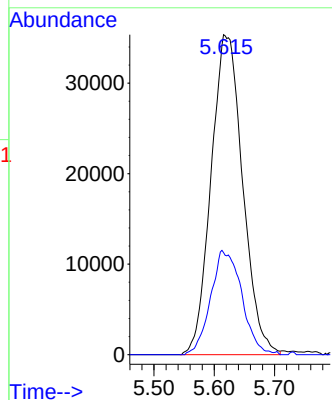
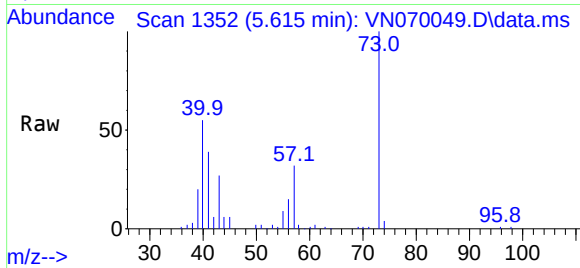
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Tgt Ion: 73 Resp: 128828

Ion Ratio Lower Upper

73 100

57 31.9 16.8 25.2#



#27

cis-1,2-Dichloroethene

Concen: 6.702 ug/l

RT: 7.332 min Scan# 1992

Delta R.T. 0.005 min

Lab File: VN070049.D

Acq: 13 Dec 2021 23:42

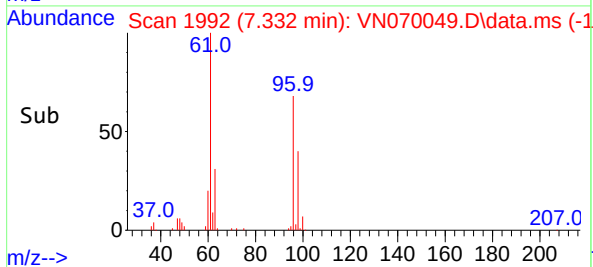
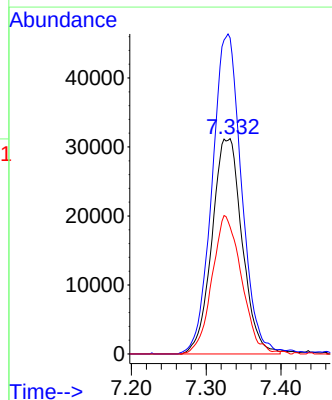
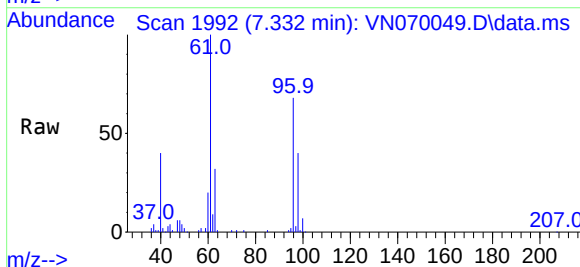
Tgt Ion: 96 Resp: 87331

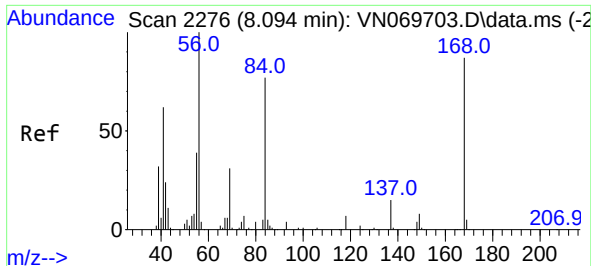
Ion Ratio Lower Upper

96 100

61 145.2 0.0 275.0

98 62.9 0.0 129.6

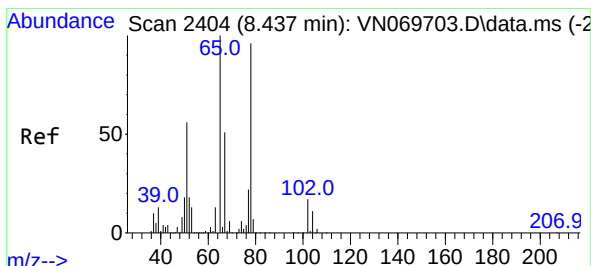
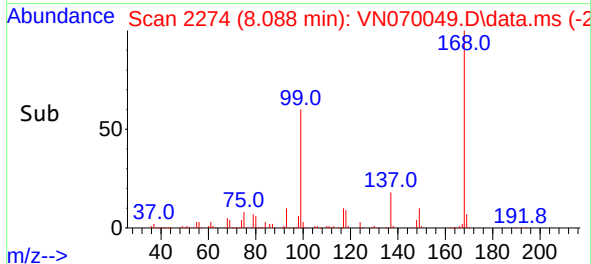
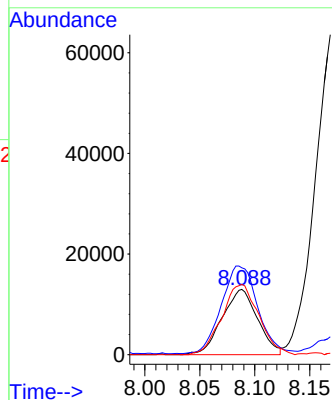
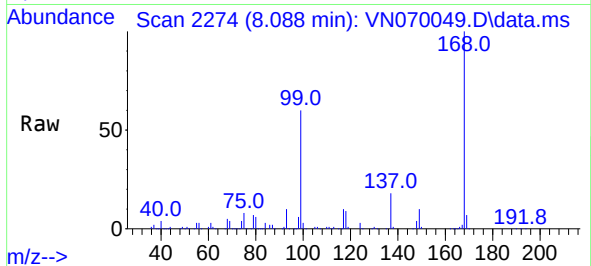




#31
Cyclohexane
Concen: 1.300 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070049.D
Acq: 13 Dec 2021 23:42

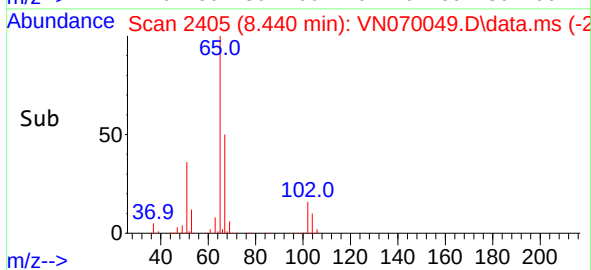
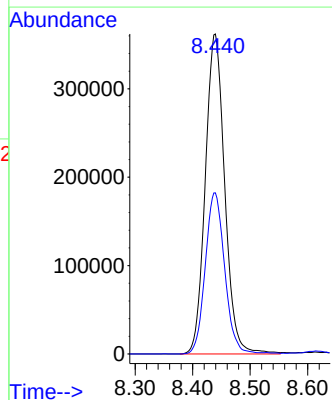
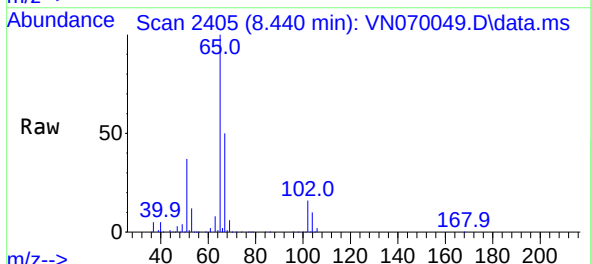
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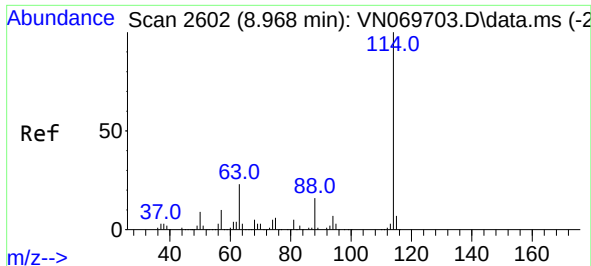
Tgt Ion: 56 Resp: 29121
Ion Ratio Lower Upper
56 100
69 131.2 27.1 40.7#
84 107.7 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 52.893 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070049.D
Acq: 13 Dec 2021 23:42

Tgt Ion: 65 Resp: 851384
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.0

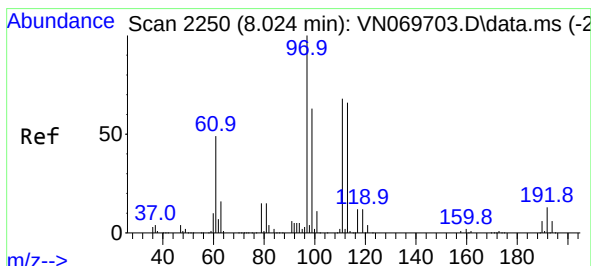
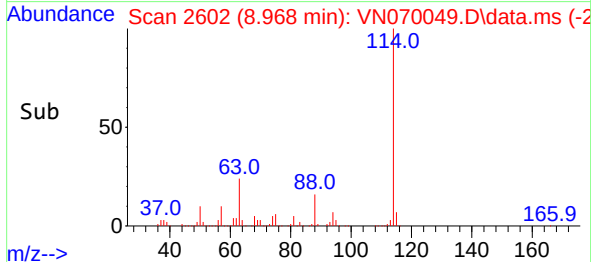
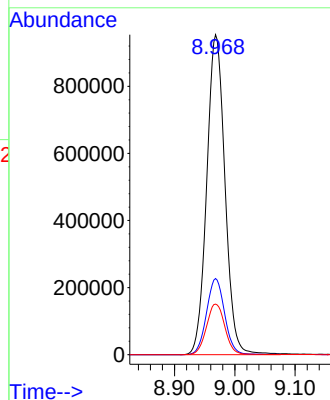
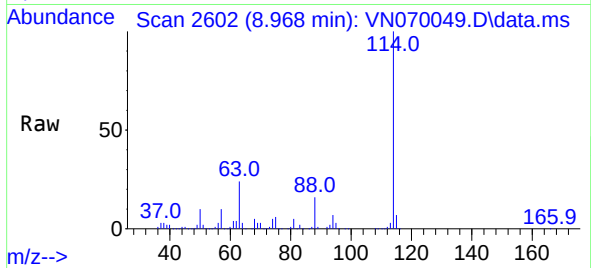




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2004989
Delta R.T. -0.000 min
Lab File: VN070049.D
Acq: 13 Dec 2021 23:42

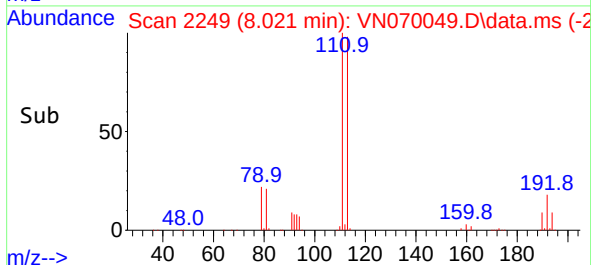
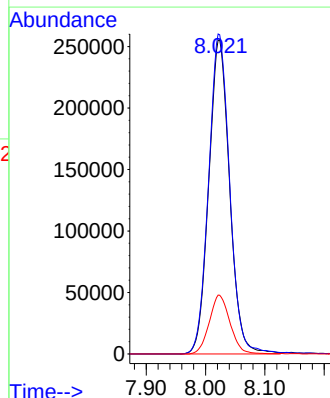
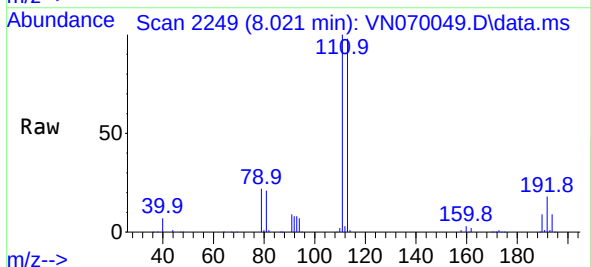
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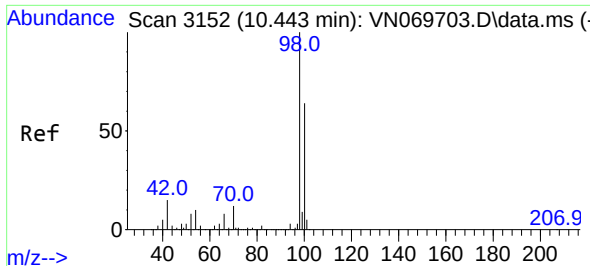
Tgt Ion:114 Resp: 2004989
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 15.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.663 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070049.D
Acq: 13 Dec 2021 23:42

Tgt Ion:113 Resp: 623713
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.6 16.9 25.3

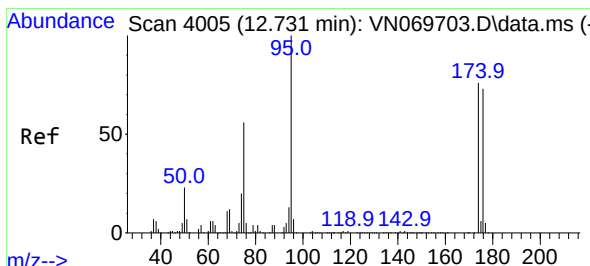
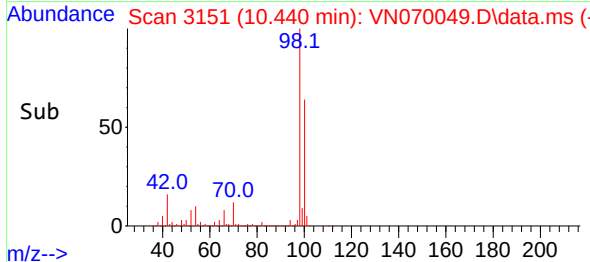
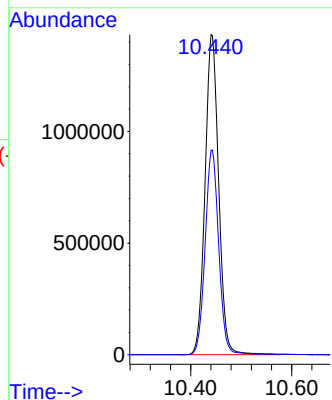
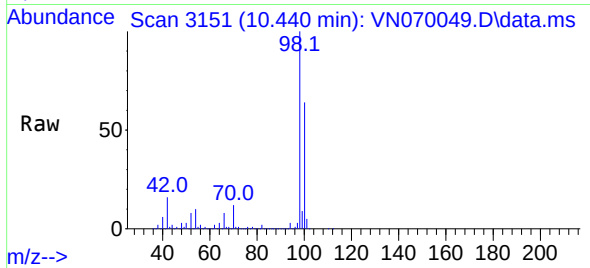




#50
Toluene-d8
Concen: 53.203 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN070049.D
Acq: 13 Dec 2021 23:42

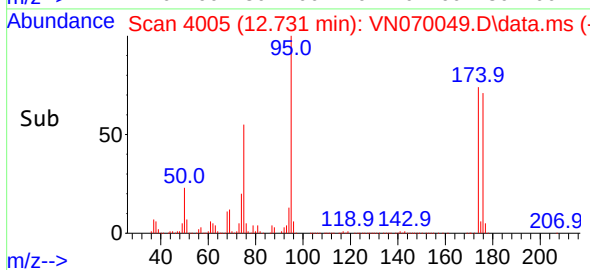
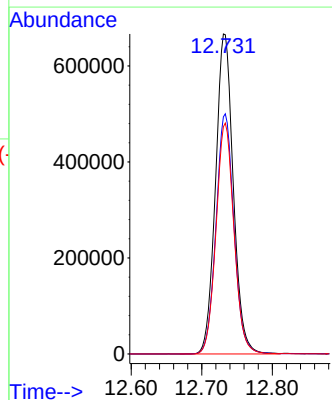
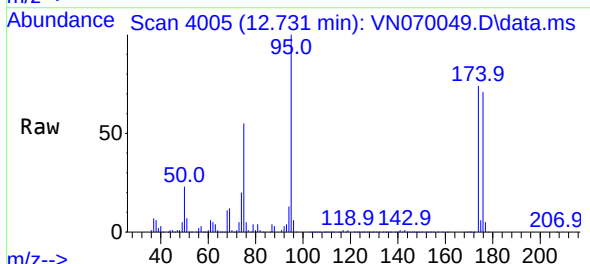
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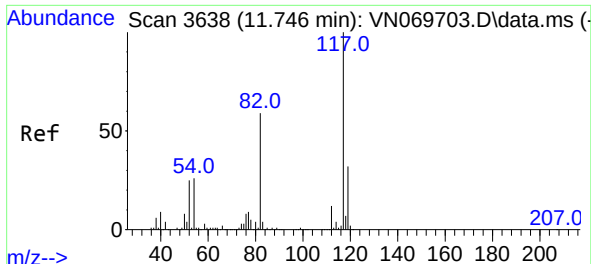
Tgt Ion: 98 Resp: 2682916
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 63.840 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070049.D
Acq: 13 Dec 2021 23:42

Tgt Ion: 95 Resp: 1166296
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 72.7 0.0 181.4

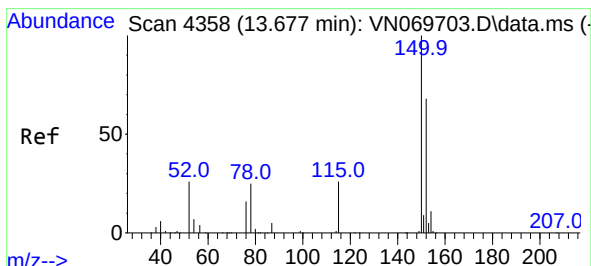
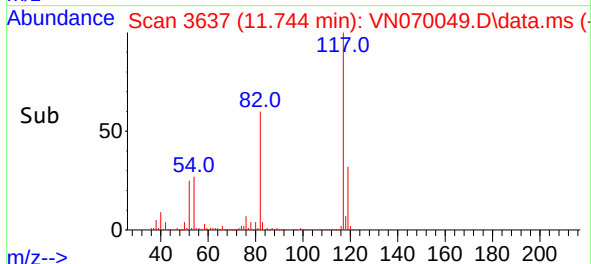
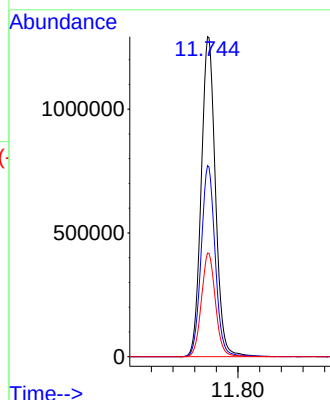
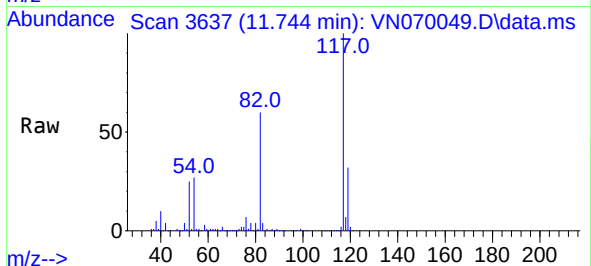




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070049.D
Acq: 13 Dec 2021 23:42

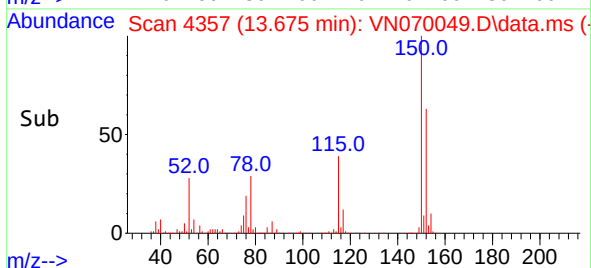
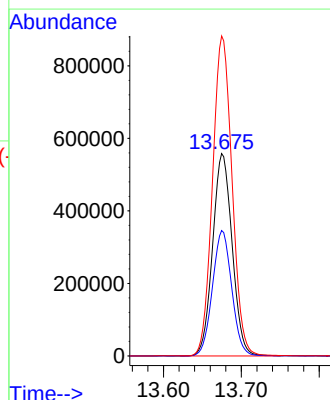
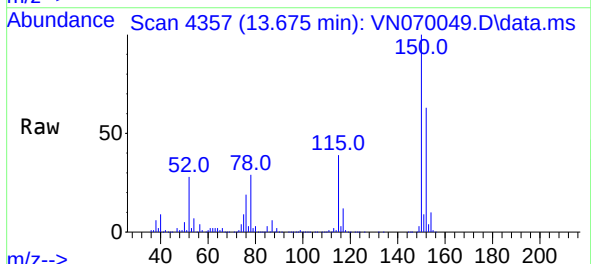
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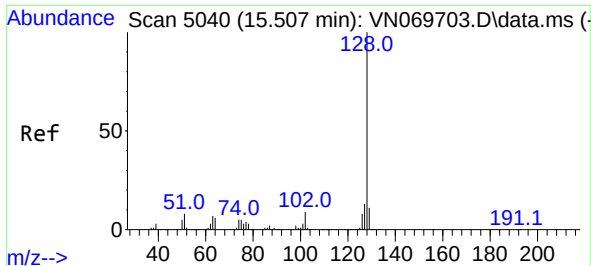
Tgt Ion:117 Resp: 2353236
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070049.D
Acq: 13 Dec 2021 23:42

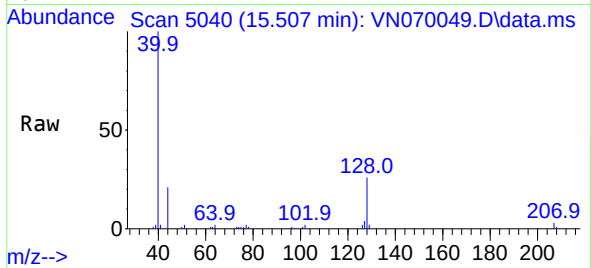
Tgt Ion:152 Resp: 970680
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 158.2 0.0 344.4





#95
Naphthalene
Concen: 4.177 ug/l
RT: 15.507 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN070049.D
Acq: 13 Dec 2021 23:42

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-04



Tgt Ion:	128	Resp:	9886
Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	9.4	8.7	13.1

