

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070383.D
 Acq On : 30 Dec 2021 7:34
 Operator : JC/MD
 Sample : M5007-05RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-06RE

Quant Time: Dec 30 08:03:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

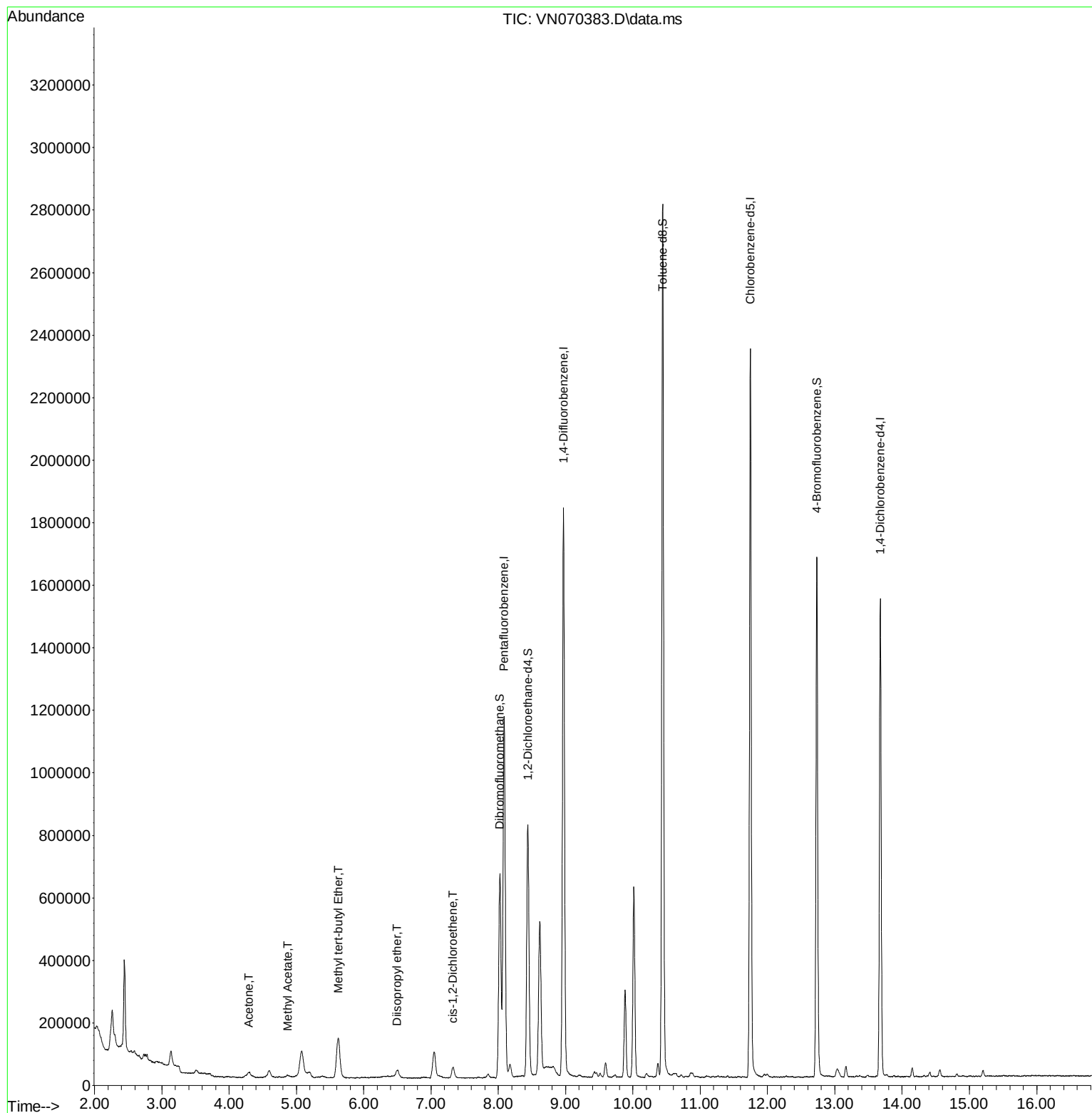
Internal Standards						
1) Pentafluorobenzene	8.086	168	883762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1540822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1339582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	420815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	690357	54.330	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.660%			
35) Dibromofluoromethane	8.024	113	486894	52.226	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.460%			
50) Toluene-d8	10.443	98	1907793	50.094	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.180%			
62) 4-Bromofluorobenzene	12.731	95	612563	44.533	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.060%			
Target Compounds						
					Qvalue	
16) Acetone	4.296	43	29065	3.524	ug/l	99
18) Methyl Acetate	4.873	43	11687	0.490	ug/l #	82
19) Methyl tert-butyl Ether	5.624	73	183982	5.504	ug/l #	90
22) Diisopropyl ether	6.498	45	30782	0.774	ug/l #	89
27) cis-1,2-Dichloroethene	7.327	96	15068	1.325	ug/l	90

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

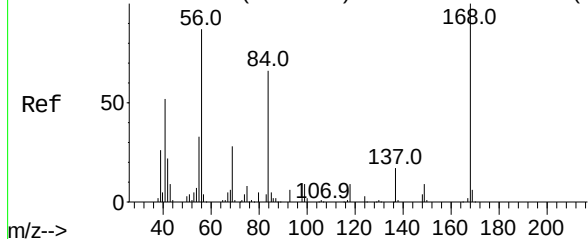
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
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Response via : Initial Calibration



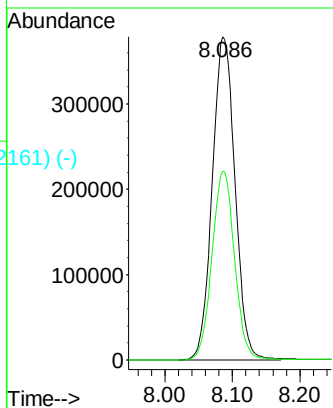
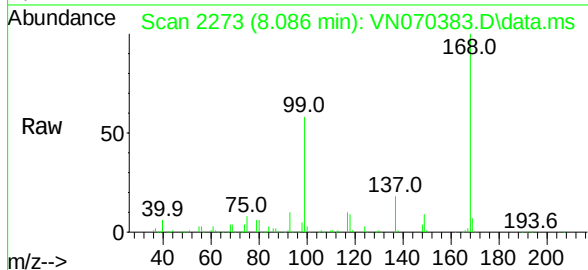
Abundance Scan 2273 (8.086 min): VN070308.D\data.ms (-2241) (-)



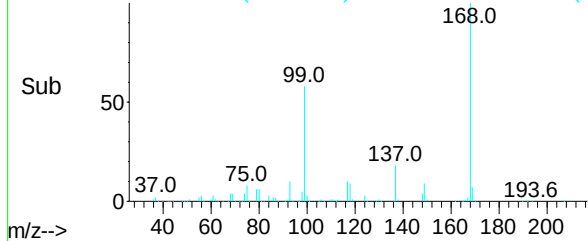
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN070383.D
Acq: 30 Dec 2021 7:34

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-06RE

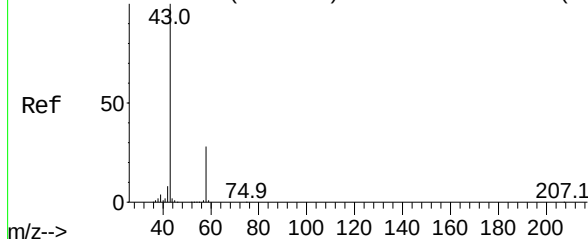
Tgt Ion:168 Resp: 883762
Ion Ratio Lower Upper
168 100
99 58.5 41.3 61.9



Abundance Scan 2273 (8.086 min): VN070383.D\data.ms (-2161) (-)

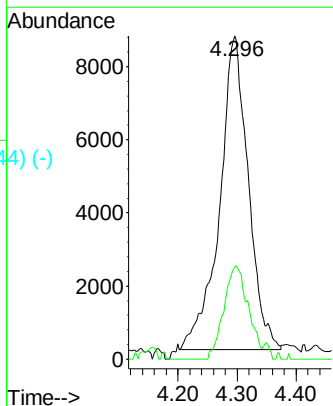
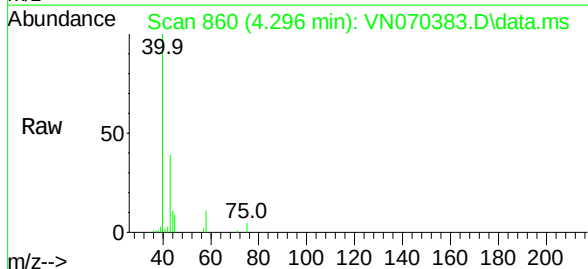


Abundance Scan 856 (4.285 min): VN070308.D\data.ms (-831) (-)

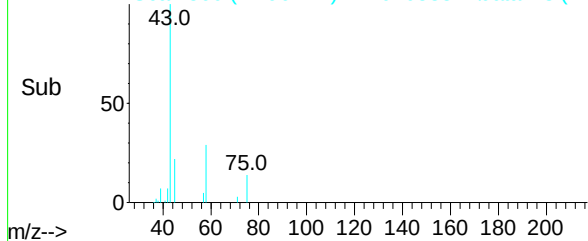


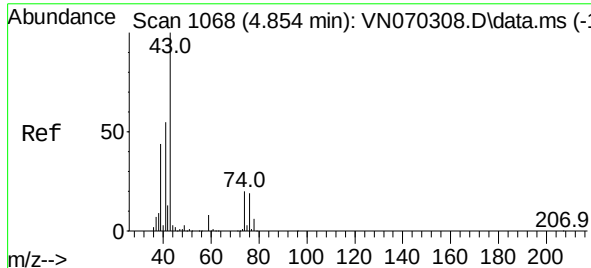
Acetone
Concen: 3.524 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.011 min
Lab File: VN070383.D
Acq: 30 Dec 2021 7:34

Tgt Ion: 43 Resp: 29065
Ion Ratio Lower Upper
43 100
58 29.5 23.1 34.7



Abundance Scan 860 (4.296 min): VN070383.D\data.ms (-744) (-)





#19

Methyl Acetate

Concen: 0.490 ug/l

RT: 4.873 min Scan# 1355

Delta R.T. 0.019 min

Lab File: VN070383.D

Acq: 30 Dec 2021 7:34

Instrument :

MSVOA_N

ClientSampleId :

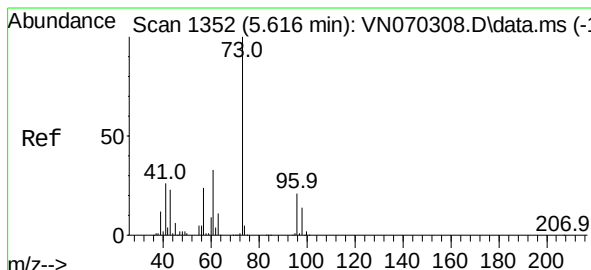
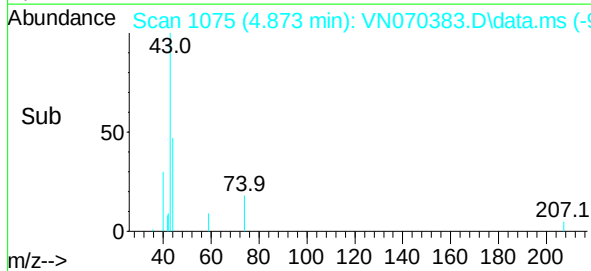
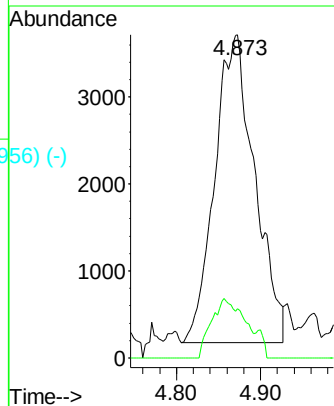
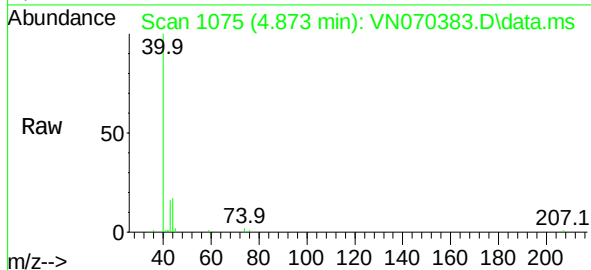
TOLL-MW-06RE

Tgt Ion: 43 Resp: 11687

Ion Ratio Lower Upper

43 100

74 15.5 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 5.504 ug/l

RT: 5.624 min Scan# 1355

Delta R.T. 0.008 min

Lab File: VN070383.D

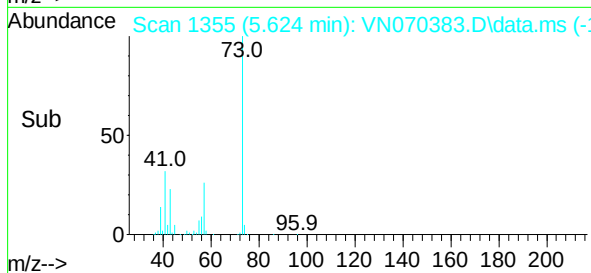
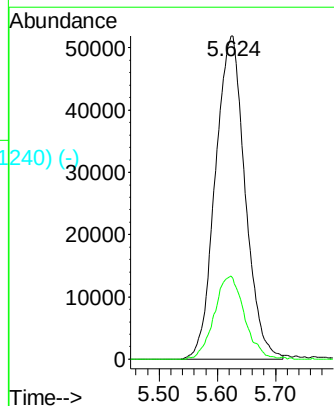
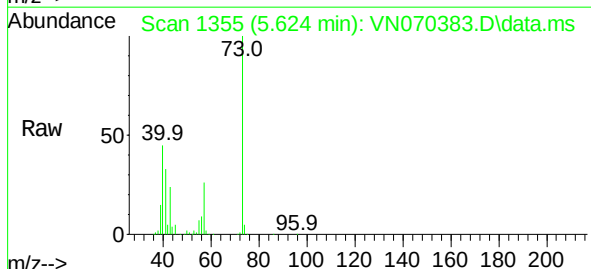
Acq: 30 Dec 2021 7:34

Tgt Ion: 73 Resp: 183982

Ion Ratio Lower Upper

73 100

57 25.8 16.8 25.2#



Abundance Scan 1681 (6.498 min): VN070308.D\data.ms (-1632) (-)

Diisopropyl ether

Concen: 0.774 ug/l

RT: 6.498 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VN070383.D

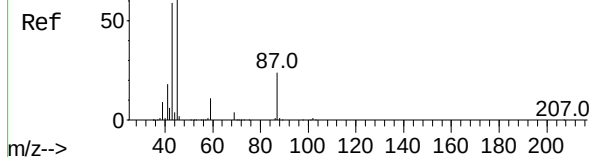
Acq: 30 Dec 2021 7:34

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-06RE



Tgt Ion: 45 Resp: 30782

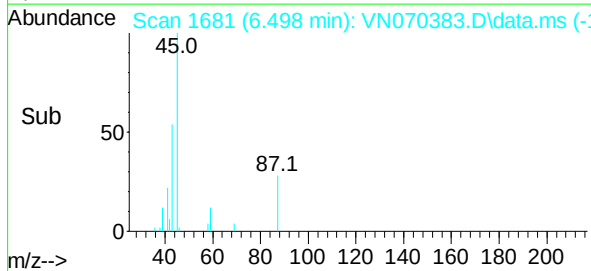
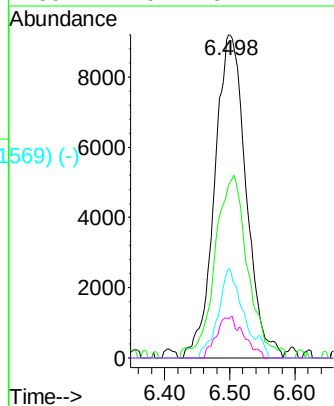
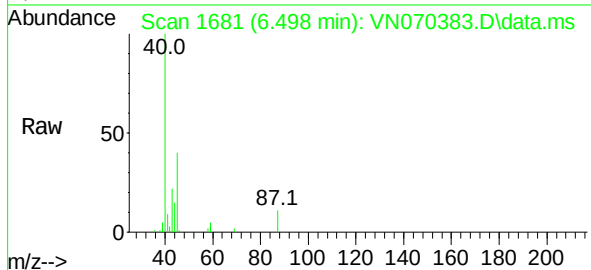
Ion Ratio Lower Upper

45 100

43 51.4 51.7 77.5#

87 27.7 23.2 34.8

59 12.0 9.4 14.0



Abundance Scan 1989 (7.324 min): VN070308.D\data.ms (-1962) (-)

cis-1,2-Dichloroethene

Concen: 1.325 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.003 min

Lab File: VN070383.D

Acq: 30 Dec 2021 7:34

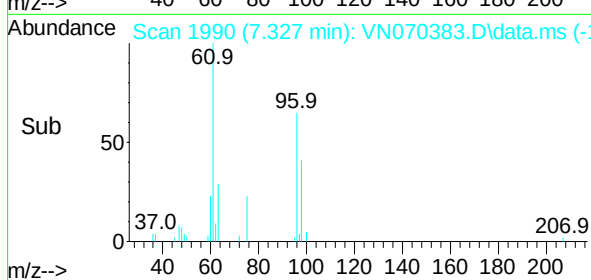
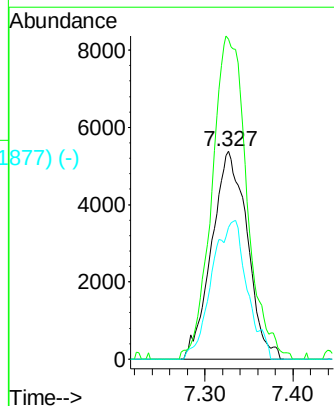
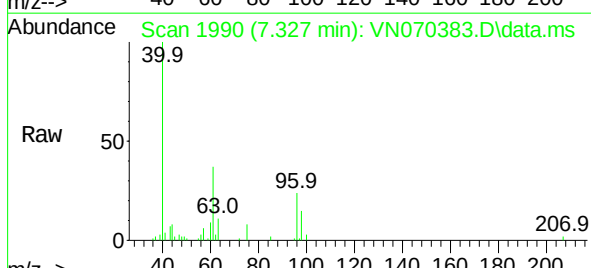
Tgt Ion: 96 Resp: 15068

Ion Ratio Lower Upper

96 100

61 153.4 0.0 275.0

98 66.6 0.0 129.6



Abundance Scan 2404 (8.437 min): VN070308.D\data.ms (-23793-)

1,2-Dichloroethane-d4

Concen: 54.330 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070383.D

Acq: 30 Dec 2021 7:34

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-06RE

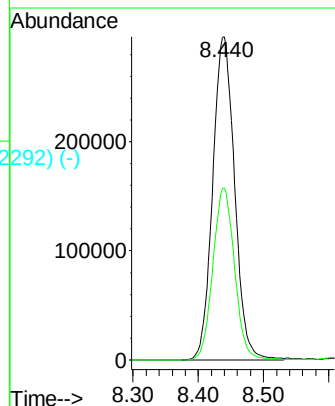
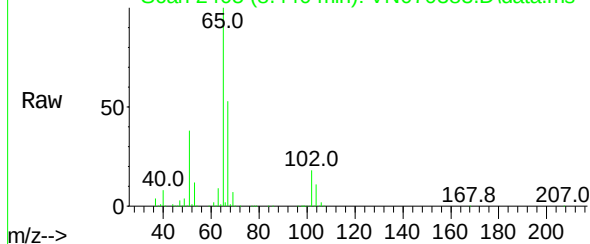
Tgt Ion: 65 Resp: 690357

Ion Ratio Lower Upper

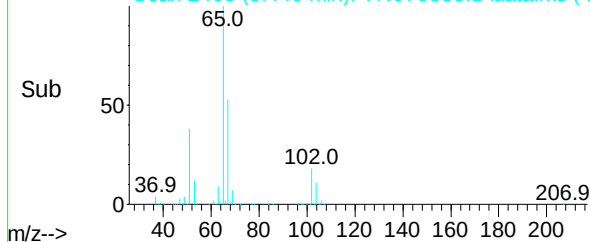
65 100

67 52.4 0.0 103.0

Abundance Scan 2405 (8.440 min): VN070383.D\data.ms



Abundance Scan 2405 (8.440 min): VN070383.D\data.ms (-2292-)



Abundance Scan 2602 (8.968 min): VN070308.D\data.ms (-25794-)

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070383.D

Acq: 30 Dec 2021 7:34

Tgt Ion: 114 Resp: 1540822

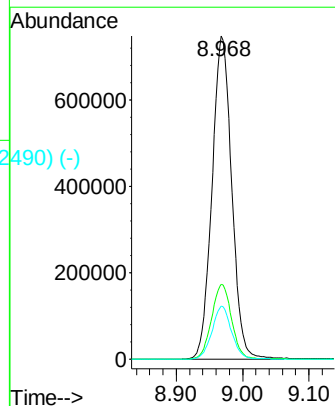
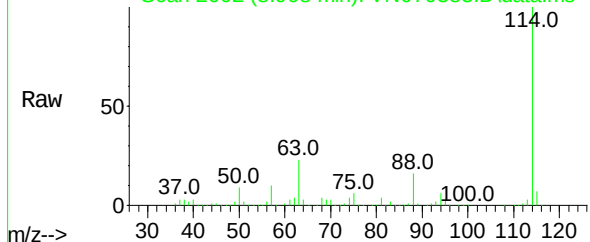
Ion Ratio Lower Upper

114 100

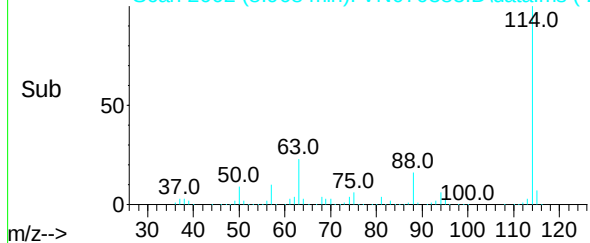
63 23.2 0.0 37.8

88 16.4 0.0 27.4

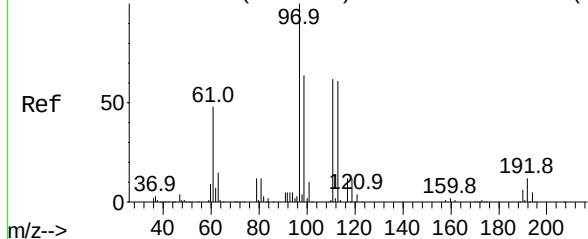
Abundance Scan 2602 (8.968 min): VN070383.D\data.ms



Abundance Scan 2602 (8.968 min): VN070383.D\data.ms (-2490-)



Abundance Scan 2249 (8.021 min): VN070308.D\data.ms (-2223) (-)



Dibromofluoromethane

Concen: 52.226 ug/l

RT: 8.024 min Scan# 1

Delta R.T. 0.003 min

Lab File: VN070383.D

Acq: 30 Dec 2021 7:34

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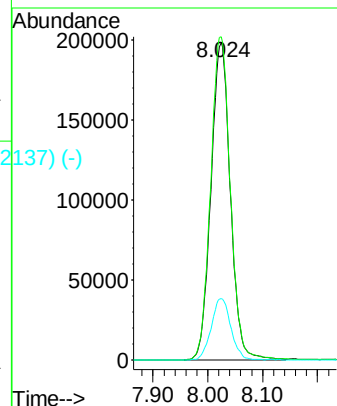
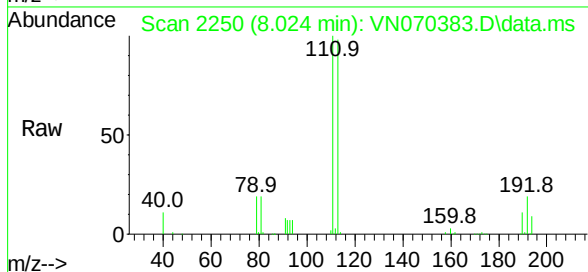
Tgt Ion:113 Resp: 486894

Ion Ratio Lower Upper

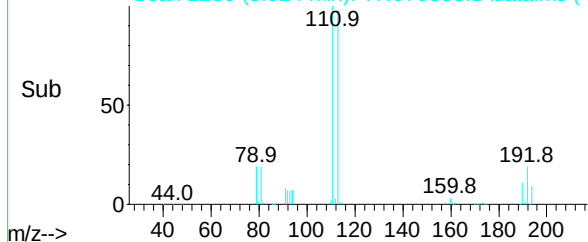
113 100

111 103.5 82.2 123.2

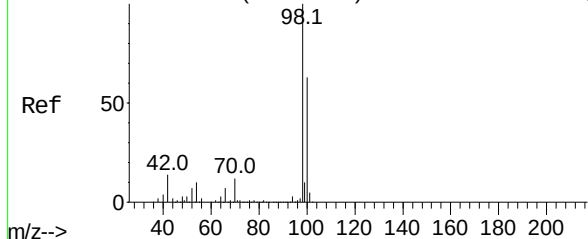
192 19.6 16.9 25.3



Abundance Scan 2250 (8.024 min): VN070383.D\data.ms (-2137) (-)



Abundance Scan 3151 (10.440 min): VN070308.D\data.ms (-3150) (-)



Toluene-d8

Concen: 50.094 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VN070383.D

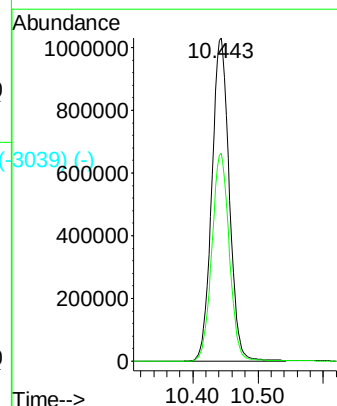
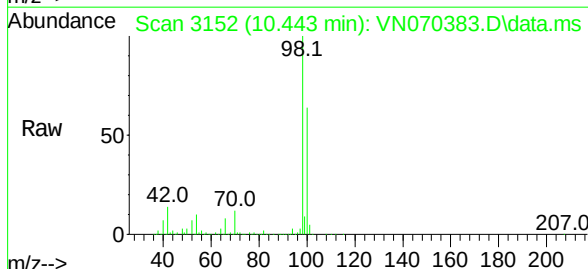
Acq: 30 Dec 2021 7:34

Tgt Ion: 98 Resp: 1907793

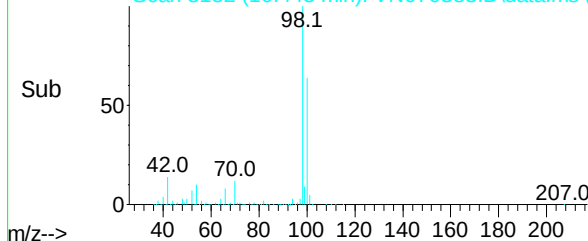
Ion Ratio Lower Upper

98 100

100 64.2 50.4 75.6



Abundance Scan 3152 (10.443 min): VN070383.D\data.ms (-3039) (-)



Abundance Scan 4005 (12.731 min): VN070308.D\data.ms (-3962) (-)

4-Bromofluorobenzene

Concen: 44.533 ug/l

RT: 12.731 min Scan# 4005

Delta R.T. -0.000 min

Lab File: VN070383.D

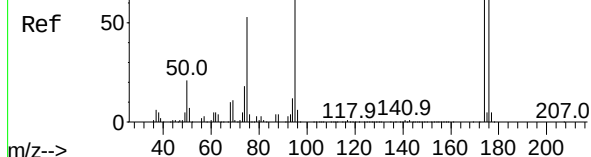
Acq: 30 Dec 2021 7:34

Instrument :

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TOLL-MW-06RE



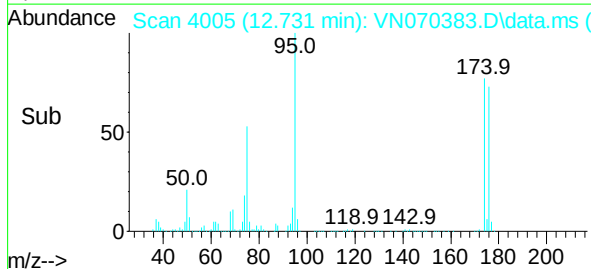
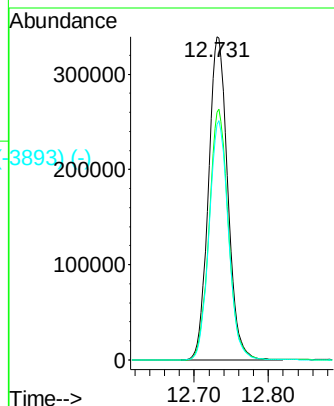
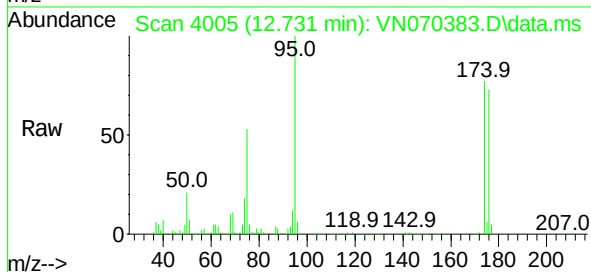
Tgt Ion: 95 Resp: 612563

Ion Ratio Lower Upper

95 100

174 77.2 0.0 187.2

176 74.0 0.0 181.4



Abundance Scan 3637 (11.744 min): VN070308.D\data.ms (-3653) (-)

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.000 min

Lab File: VN070383.D

Acq: 30 Dec 2021 7:34

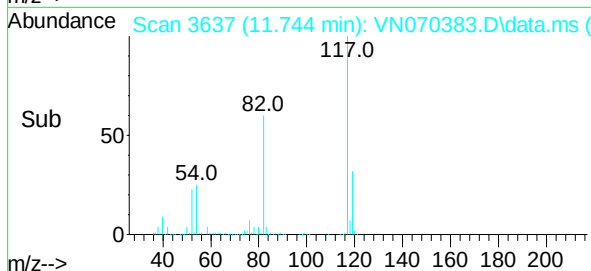
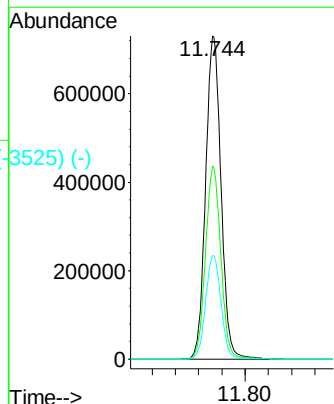
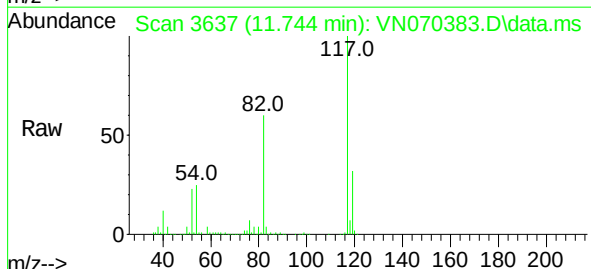
Tgt Ion: 117 Resp: 1339582

Ion Ratio Lower Upper

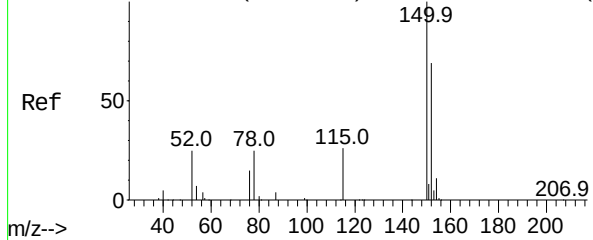
117 100

82 59.8 42.4 63.6

119 32.0 25.4 38.2



Abundance Scan 4356 (13.672 min): VN070308.D\data.ms (-4372) (-)



1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4

Delta R.T. 0.003 min

Lab File: VN070383.D

Acq: 30 Dec 2021 7:34

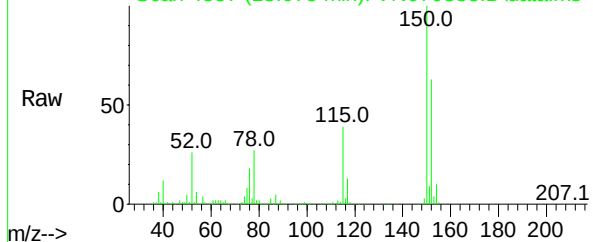
Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-06RE

Abundance Scan 4357 (13.675 min): VN070383.D\data.ms



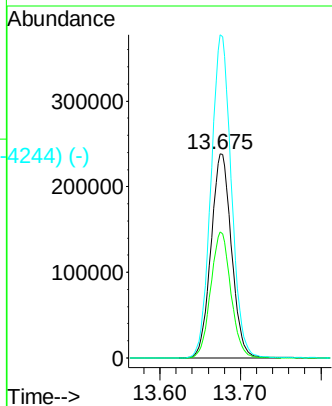
Tgt Ion:152 Resp: 420815

Ion Ratio Lower Upper

152 100

115 60.6 27.5 82.5

150 157.1 0.0 344.4



Abundance Scan 4357 (13.675 min): VN070383.D\data.ms (-4244) (-)

