

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092122\
 Data File : VN074608.D
 Acq On : 21 Sep 2022 13:00
 Operator : JC\MD
 Sample : N4645-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-09

Quant Time: Sep 22 06:57:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

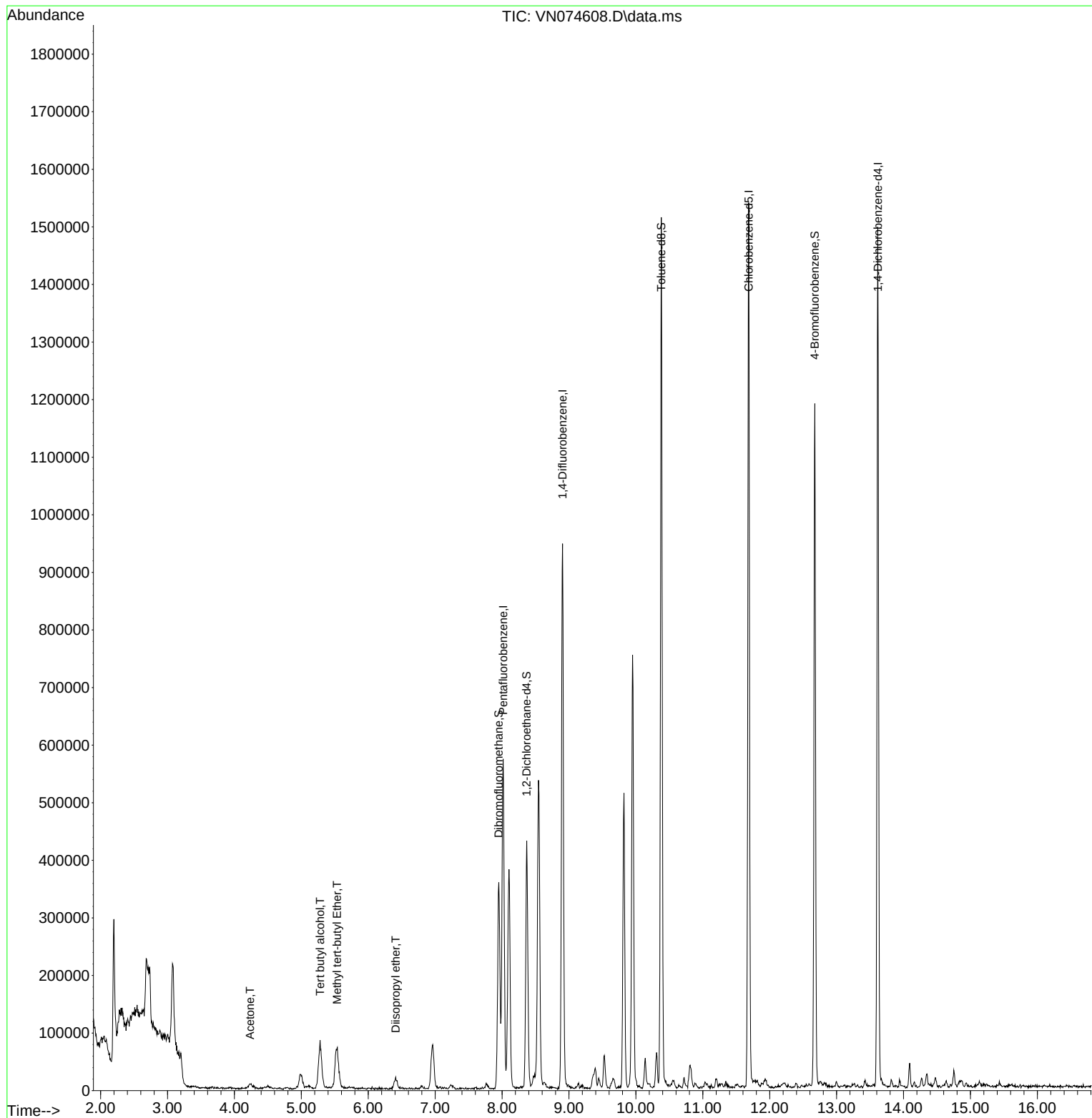
Internal Standards						
1) Pentafluorobenzene	8.016	168	409893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	765129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	775697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	348322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	303826	43.686	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.380%
35) Dibromofluoromethane	7.951	113	251986	49.578	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.160%
50) Toluene-d8	10.380	98	919244	46.766	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.540%
62) 4-Bromofluorobenzene	12.674	95	346813	51.515	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.281	59	129516	57.167	ug/l	96
16) Acetone	4.234	43	10291	2.312	ug/l	96
19) Methyl tert-butyl Ether	5.534	73	90598	3.982	ug/l #	73
22) Diisopropyl ether	6.410	45	21770	0.841	ug/l #	87

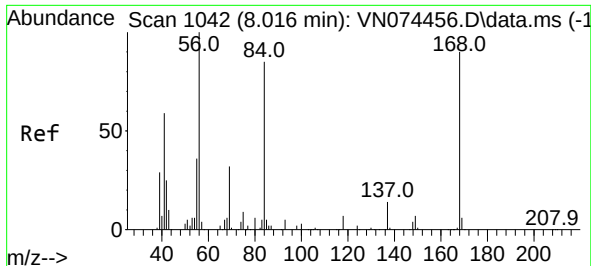
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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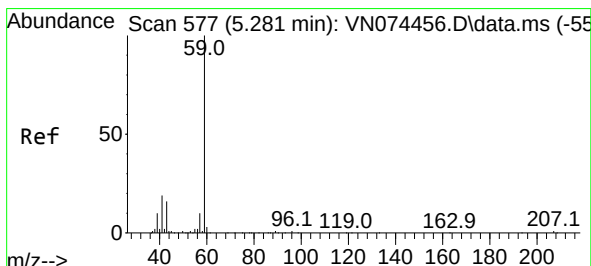
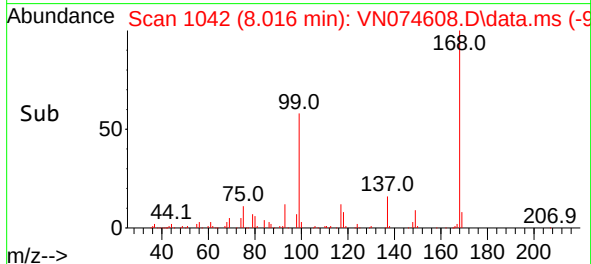
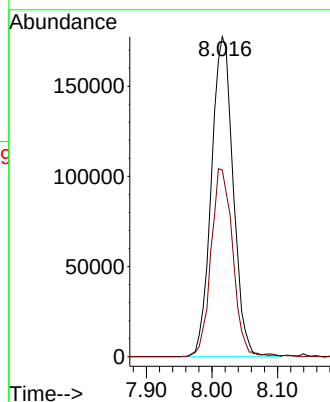
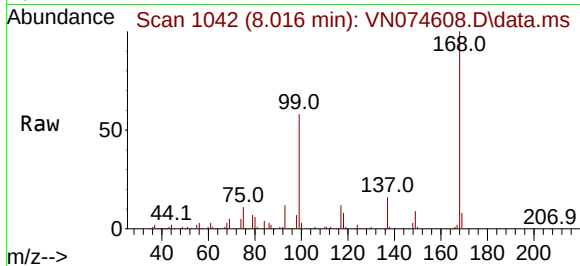




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074608.D
Acq: 21 Sep 2022 13:00

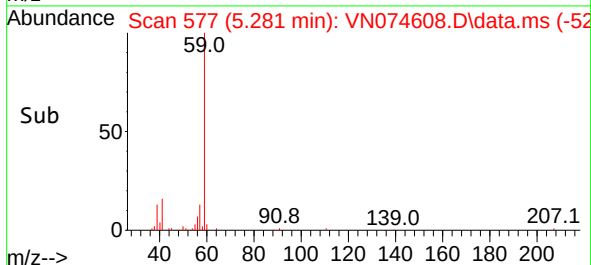
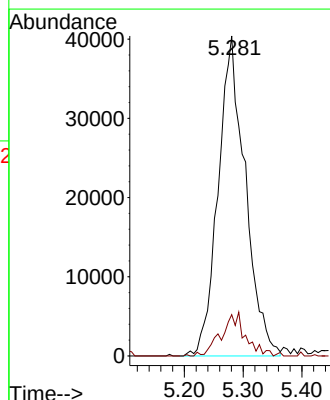
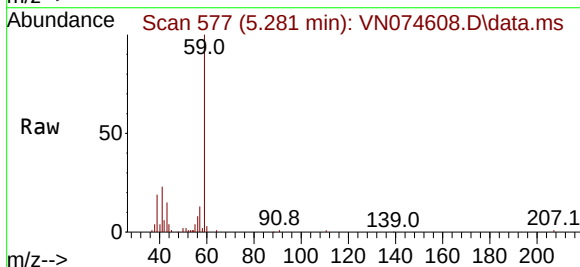
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

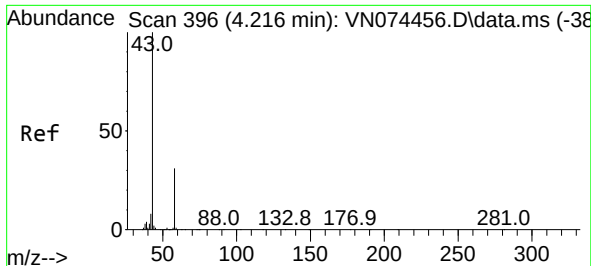
Tgt Ion:168 Resp: 409893
Ion Ratio Lower Upper
168 100
99 58.4 42.3 63.5



#11
Tert butyl alcohol
Concen: 57.167 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.000 min
Lab File: VN074608.D
Acq: 21 Sep 2022 13:00

Tgt Ion: 59 Resp: 129516
Ion Ratio Lower Upper
59 100
57 12.1 8.3 12.5

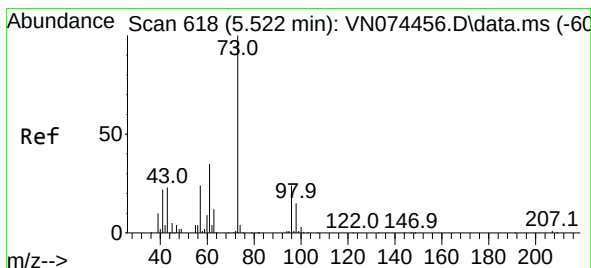
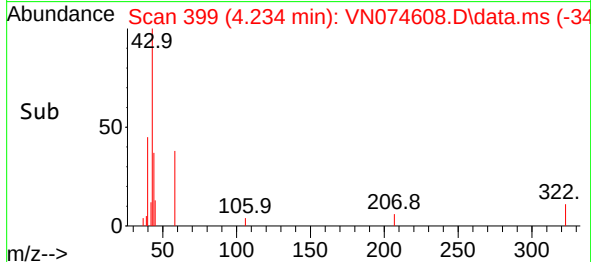
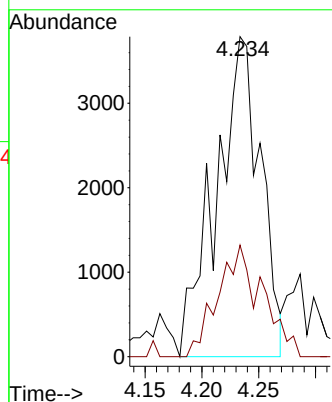
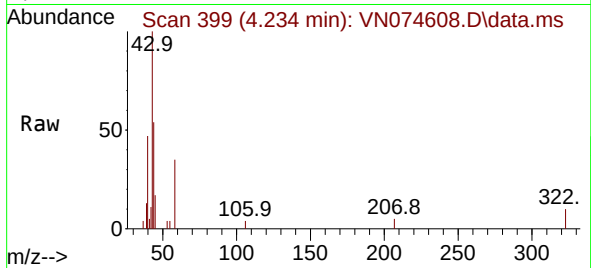




#16
Acetone
Concen: 2.312 ug/l
RT: 4.234 min Scan# 396
Delta R.T. 0.018 min
Lab File: VN074608.D
Acq: 21 Sep 2022 13:00

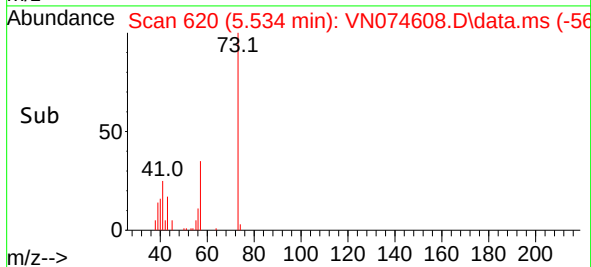
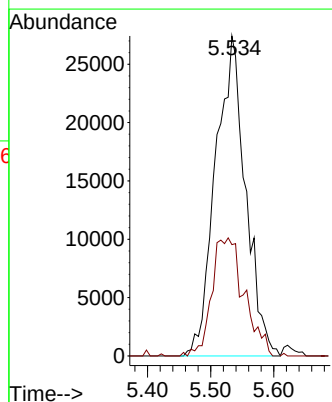
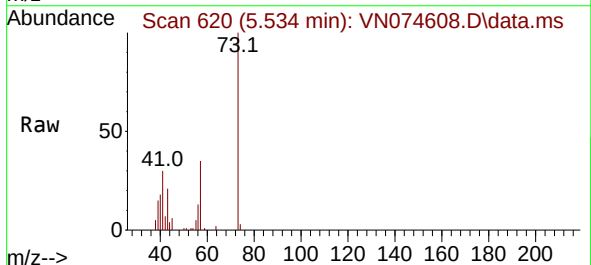
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

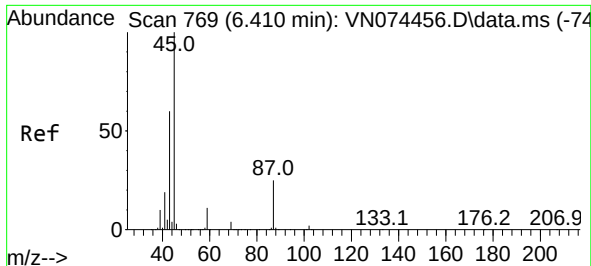
Tgt Ion: 43 Resp: 10291
Ion Ratio Lower Upper
43 100
58 34.9 26.0 39.0



#19
Methyl tert-butyl Ether
Concen: 3.982 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.012 min
Lab File: VN074608.D
Acq: 21 Sep 2022 13:00

Tgt Ion: 73 Resp: 90598
Ion Ratio Lower Upper
73 100
57 34.8 17.6 26.4#

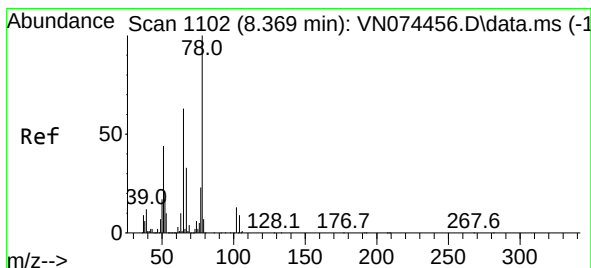
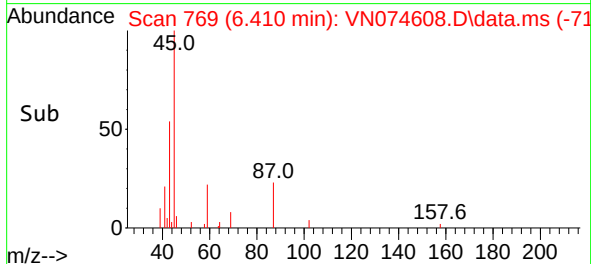
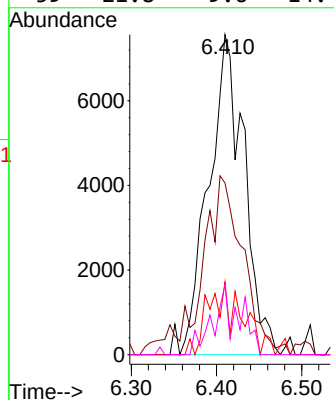
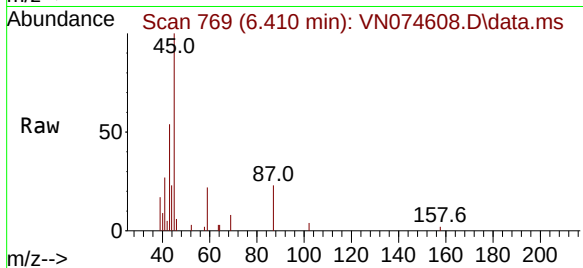




#22
Diisopropyl ether
Concen: 0.841 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN074608.D
Acq: 21 Sep 2022 13:00

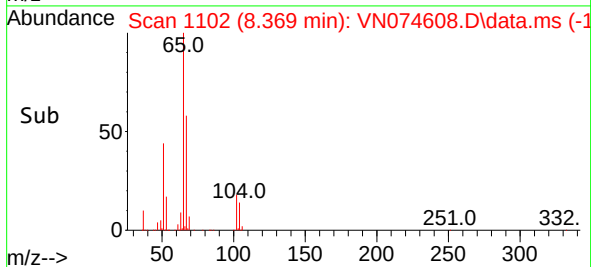
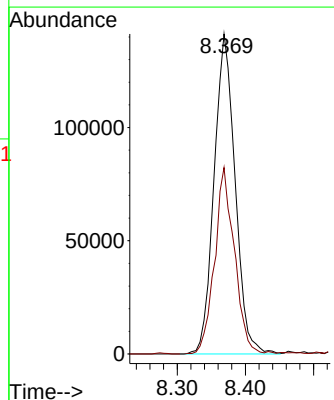
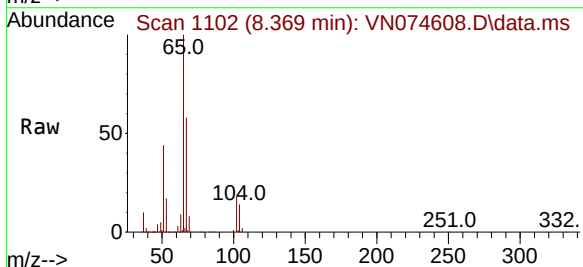
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

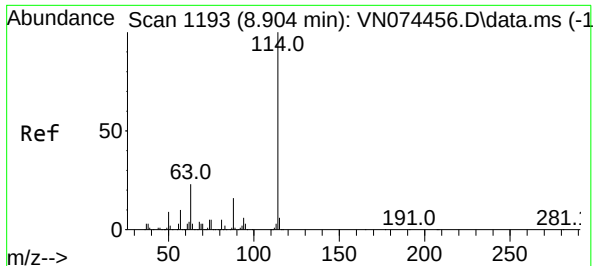
Tgt Ion:	45	Resp:	21770
Ion	Ratio	Lower	Upper
45	100		
43	51.0	46.6	70.0
87	22.7	24.3	36.5#
59	21.8	9.6	14.4#



#33
1,2-Dichloroethane-d4
Concen: 43.686 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074608.D
Acq: 21 Sep 2022 13:00

Tgt Ion:	65	Resp:	303826
Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074608.D

Acq: 21 Sep 2022 13:00

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-09

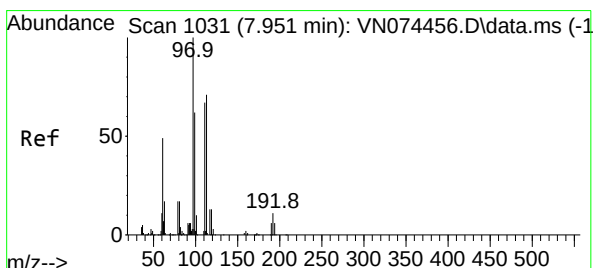
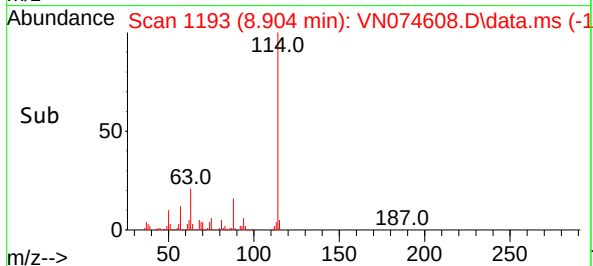
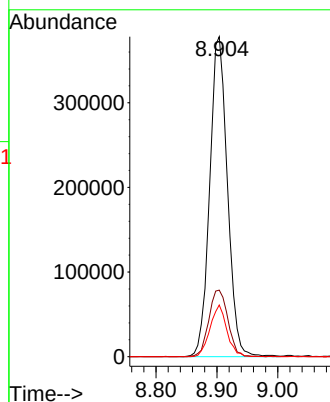
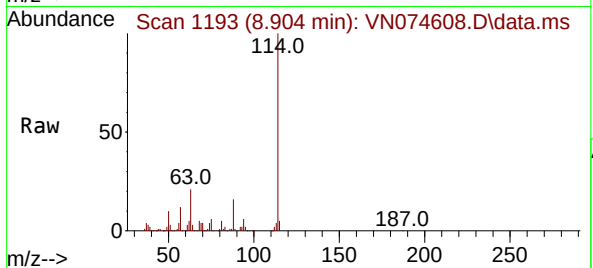
Tgt Ion:114 Resp: 765129

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.578 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074608.D

Acq: 21 Sep 2022 13:00

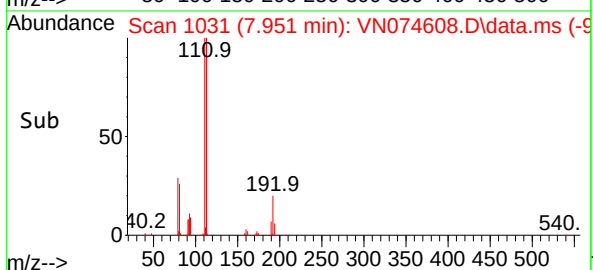
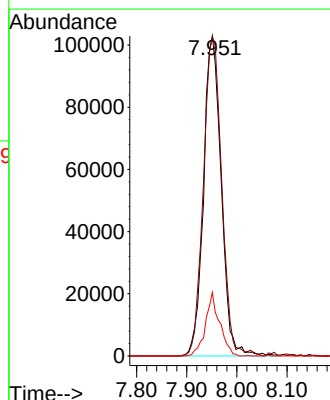
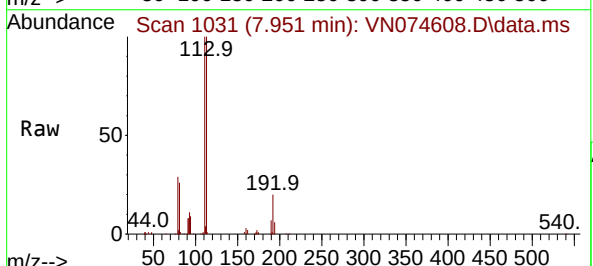
Tgt Ion:113 Resp: 251986

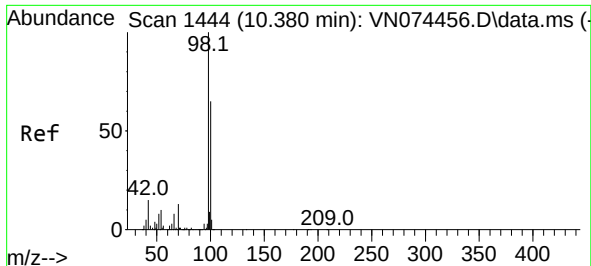
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 15.9 17.0 25.6#

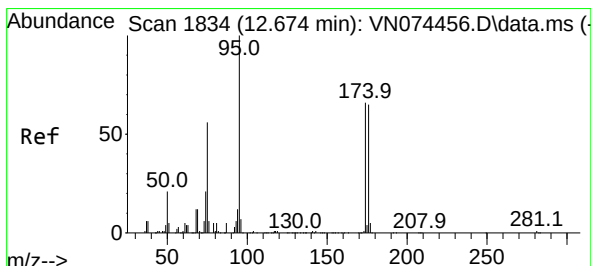
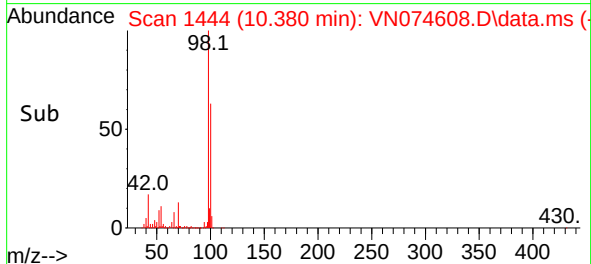
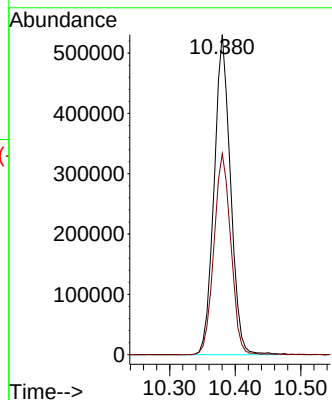
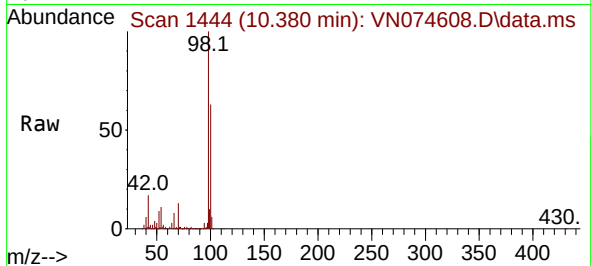




#50
Toluene-d8
Concen: 46.766 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074608.D
Acq: 21 Sep 2022 13:00

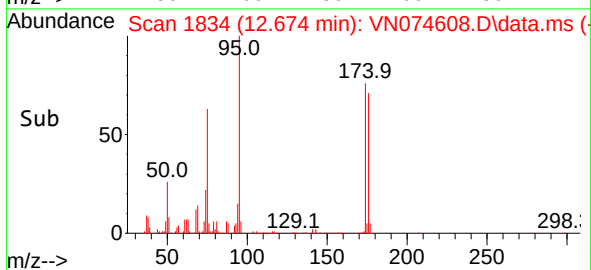
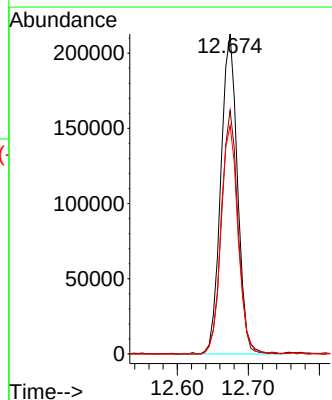
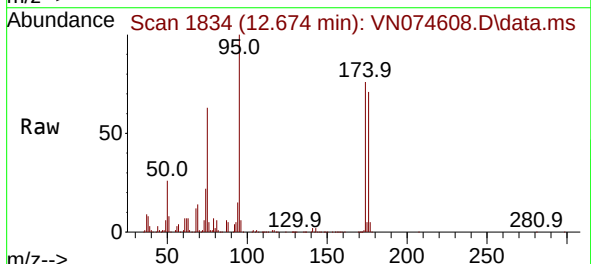
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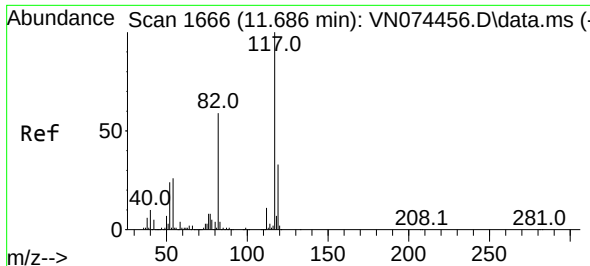
Tgt Ion: 98 Resp: 919244
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.515 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074608.D
Acq: 21 Sep 2022 13:00

Tgt Ion: 95 Resp: 346813
Ion Ratio Lower Upper
95 100
174 75.1 0.0 167.6
176 73.0 0.0 163.4

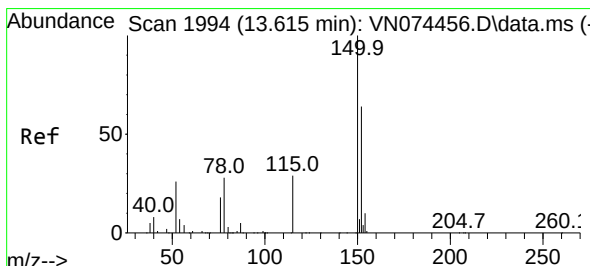
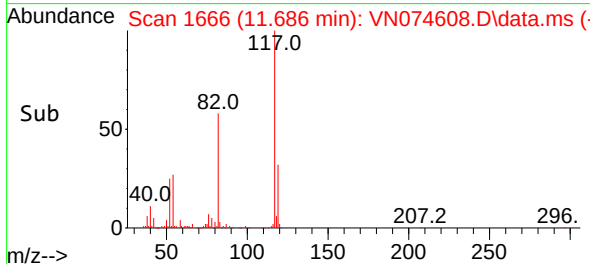
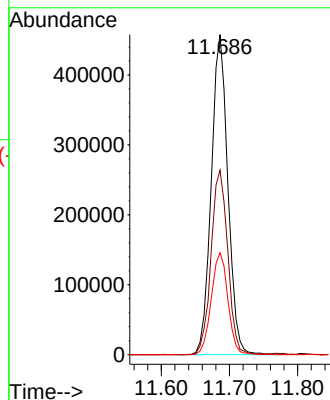
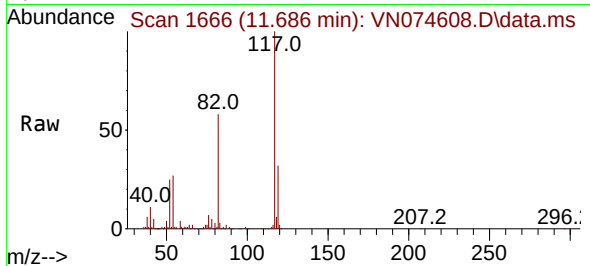




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN074608.D
Acq: 21 Sep 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

Tgt Ion:117 Resp: 775697
Ion Ratio Lower Upper
117 100
82 57.6 44.2 66.2
119 31.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074608.D
Acq: 21 Sep 2022 13:00

Tgt Ion:152 Resp: 348322
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.7
150 156.9 0.0 356.2

