

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031822\
 Data File : VN071382.D
 Acq On : 18 Mar 2022 19:07
 Operator : JC\MD
 Sample : N2015-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-04

Quant Time: Mar 19 07:11:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

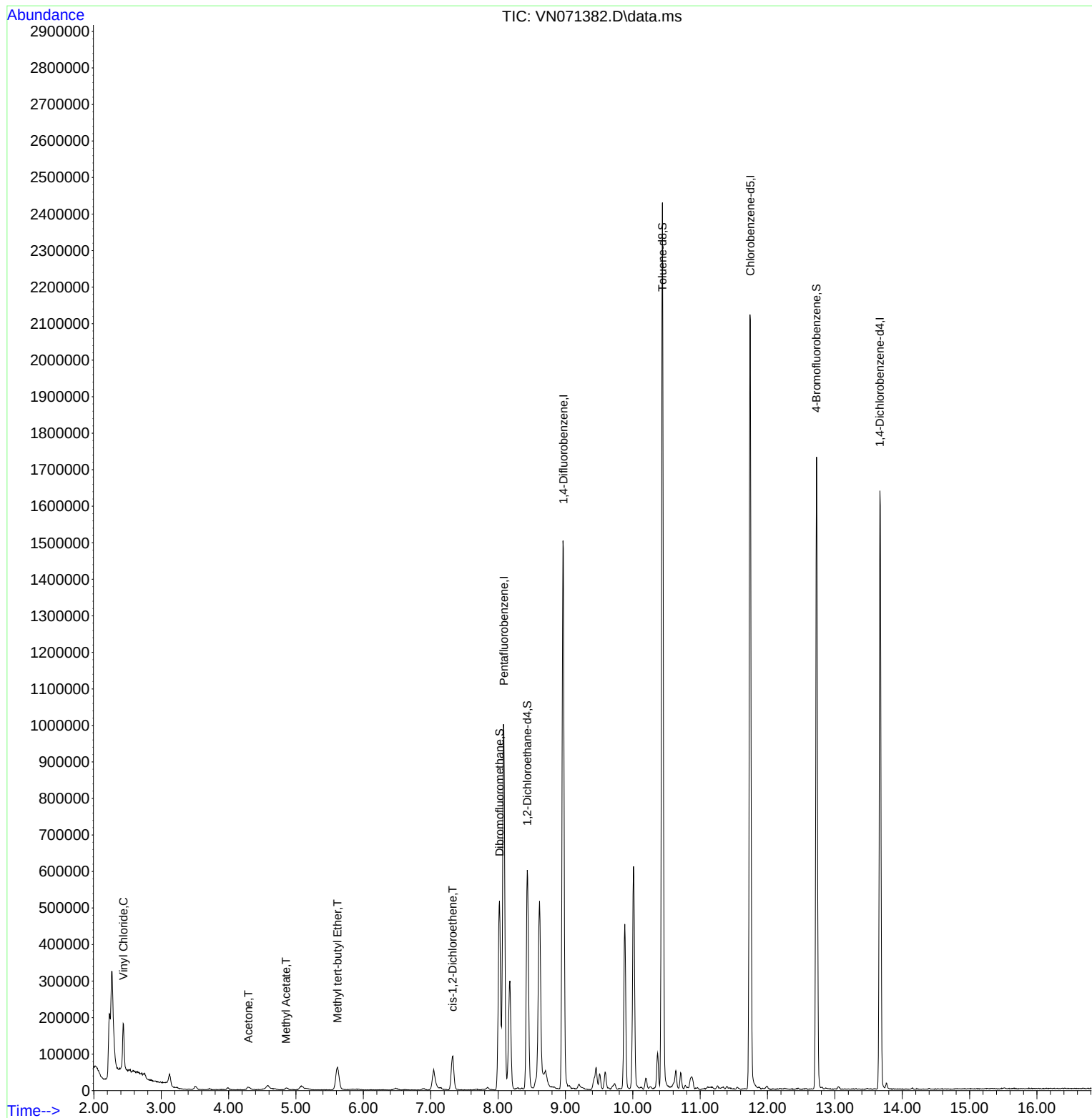
Internal Standards						
1) Pentafluorobenzene	8.087	168	774246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1297485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1238691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	447446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	498507	46.979	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.960%
35) Dibromofluoromethane	8.022	113	382016	46.658	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.320%
50) Toluene-d8	10.439	98	1626323	49.334	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.660%
62) 4-Bromofluorobenzene	12.727	95	590755	52.921	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.840%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.440	62	58181	5.595	ug/l	90
16) Acetone	4.293	43	12586	2.438	ug/l	97
18) Methyl Acetate	4.851	43	11309	1.278	ug/l #	63
19) Methyl tert-butyl Ether	5.616	73	83611	2.869	ug/l #	78
27) cis-1,2-Dichloroethene	7.328	96	54573	5.416	ug/l	99

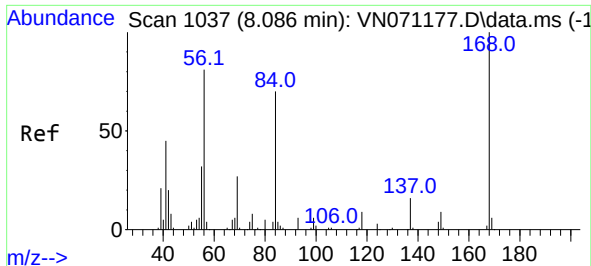
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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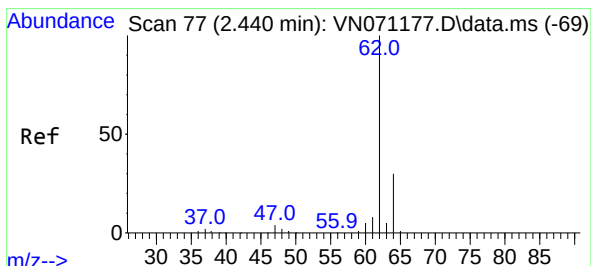
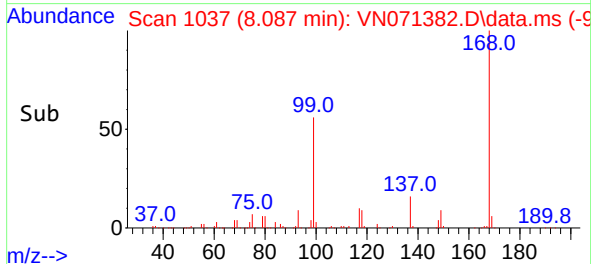
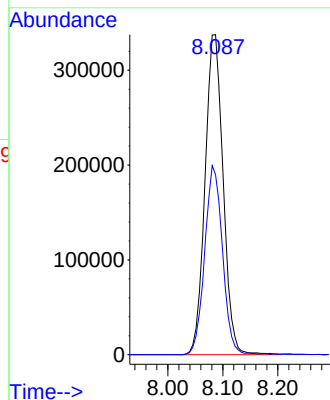
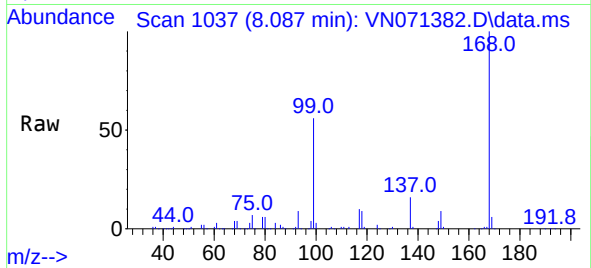




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN071382.D
Acq: 18 Mar 2022 19:07

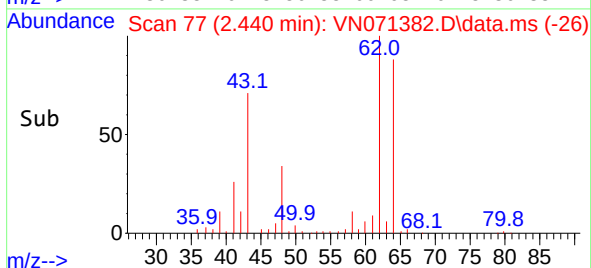
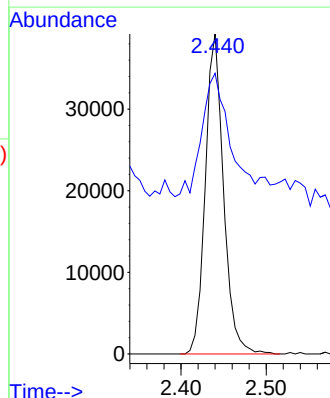
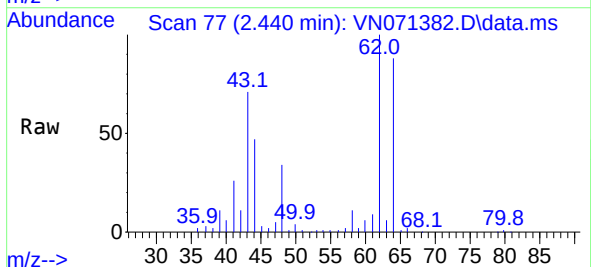
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-04

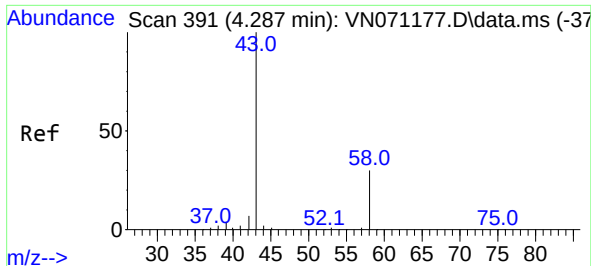
Tgt Ion:168 Resp: 774246
Ion Ratio Lower Upper
168 100
99 56.2 41.3 61.9



#4
Vinyl Chloride
Concen: 5.595 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071382.D
Acq: 18 Mar 2022 19:07

Tgt Ion: 62 Resp: 58181
Ion Ratio Lower Upper
62 100
64 37.7 25.8 38.6

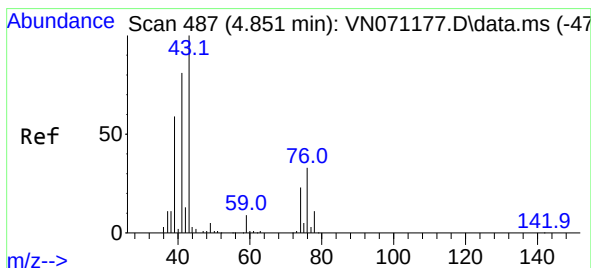
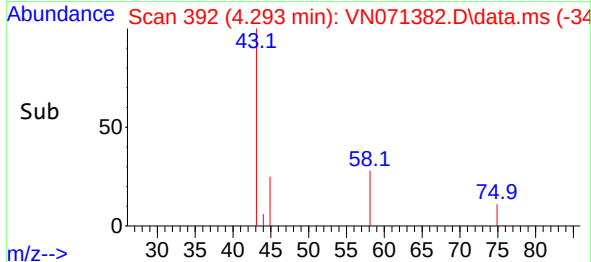
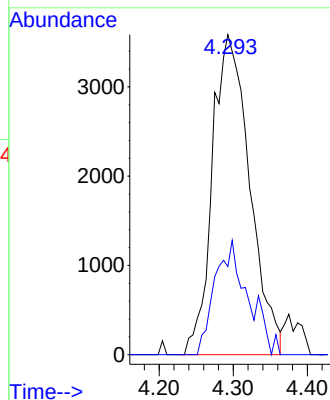
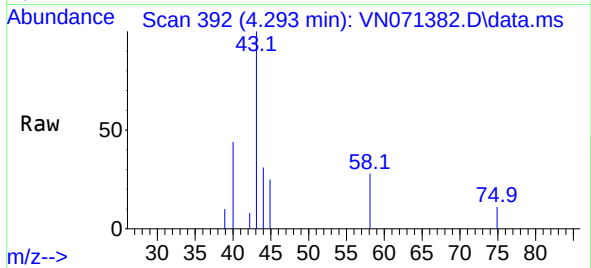




#16
Acetone
Concen: 2.438 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071382.D
Acq: 18 Mar 2022 19:07

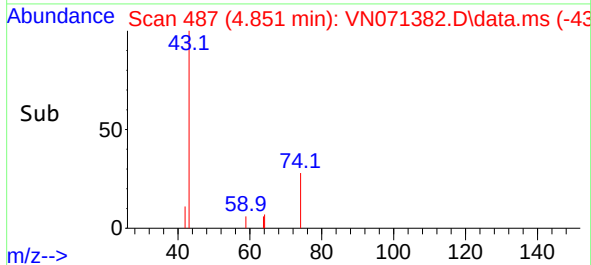
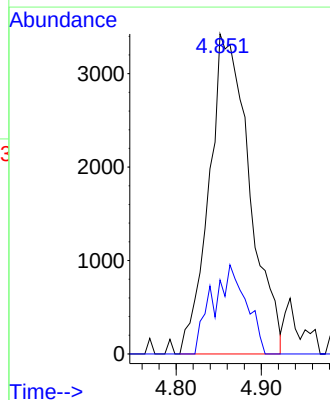
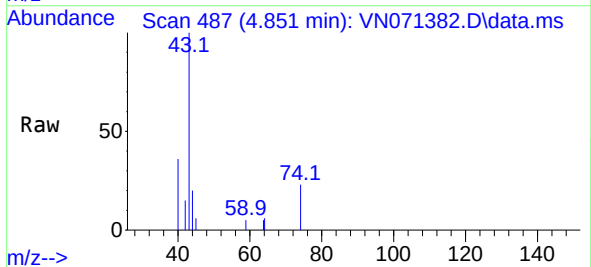
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-04

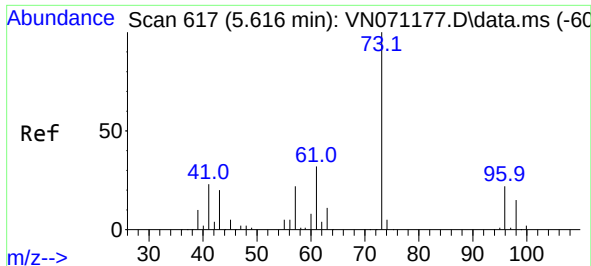
Tgt Ion: 43 Resp: 12586
Ion Ratio Lower Upper
43 100
58 27.6 23.1 34.7



#18
Methyl Acetate
Concen: 1.278 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071382.D
Acq: 18 Mar 2022 19:07

Tgt Ion: 43 Resp: 11309
Ion Ratio Lower Upper
43 100
74 5.9 19.4 29.2#

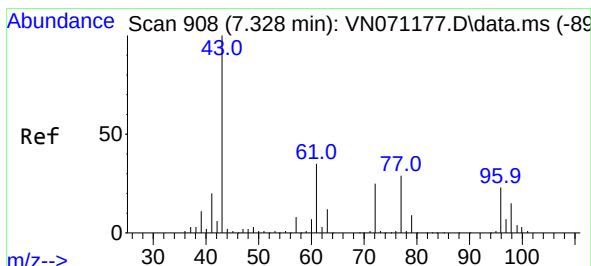
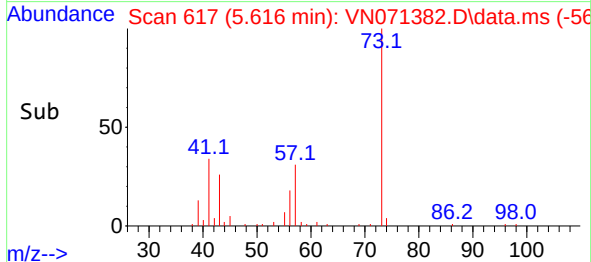
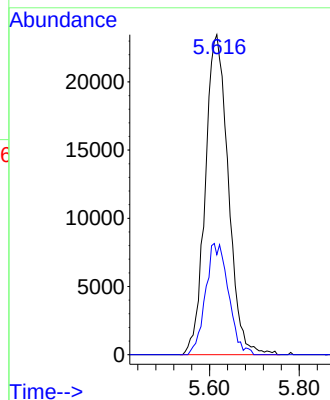
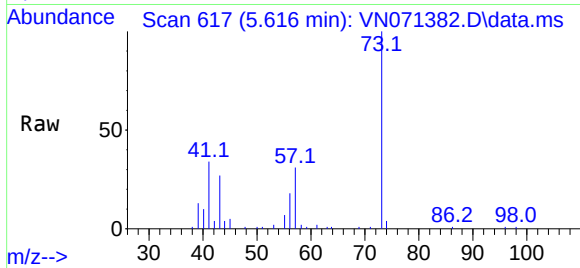




#19
Methyl tert-butyl Ether
Concen: 2.869 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.000 min
Lab File: VN071382.D
Acq: 18 Mar 2022 19:07

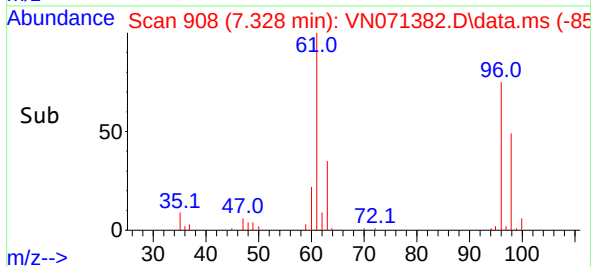
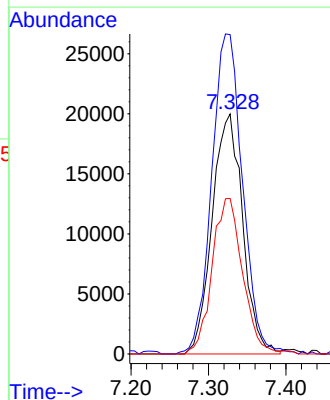
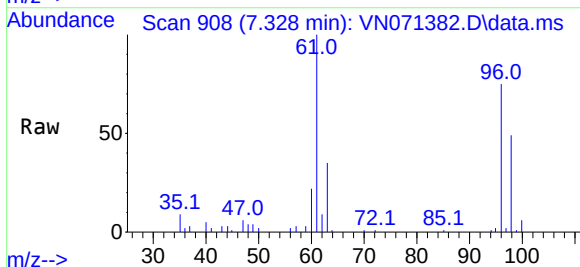
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-04

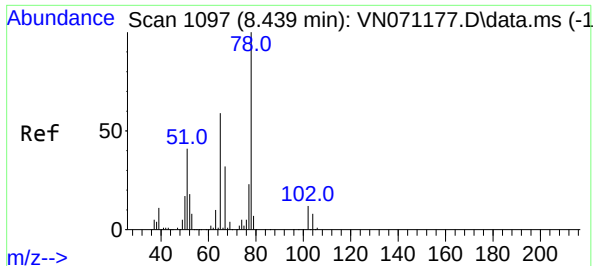
Tgt Ion: 73 Resp: 83611
Ion Ratio Lower Upper
73 100
57 31.3 16.8 25.2#



#27
cis-1,2-Dichloroethene
Concen: 5.416 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071382.D
Acq: 18 Mar 2022 19:07

Tgt Ion: 96 Resp: 54573
Ion Ratio Lower Upper
96 100
61 135.1 0.0 275.0
98 65.0 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 46.979 ug/l

RT: 8.434 min Scan# 1097

Delta R.T. -0.006 min

Lab File: VN071382.D

Acq: 18 Mar 2022 19:07

Instrument :

MSVOA_N

ClientSampleId :

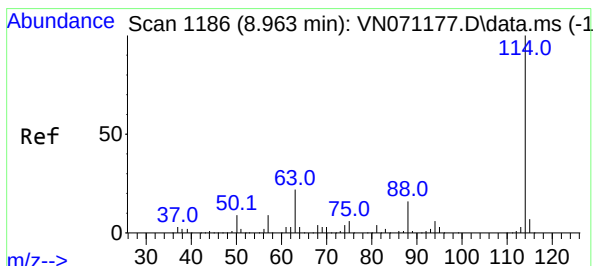
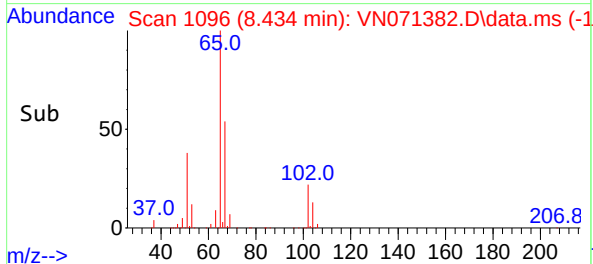
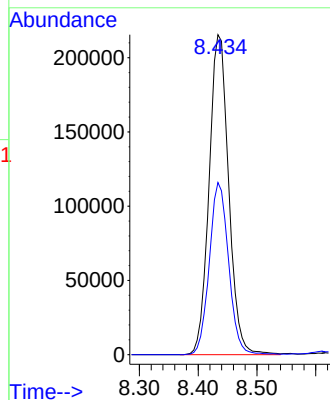
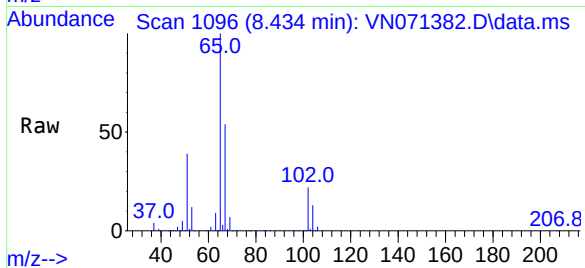
TOLL-MW-04

Tgt Ion: 65 Resp: 498507

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VN071382.D

Acq: 18 Mar 2022 19:07

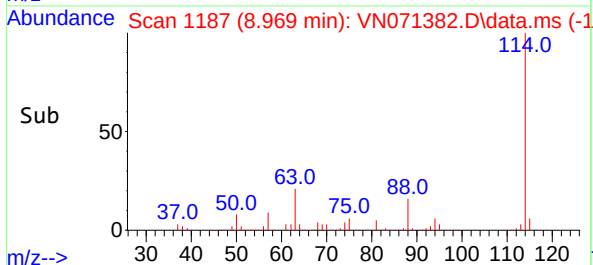
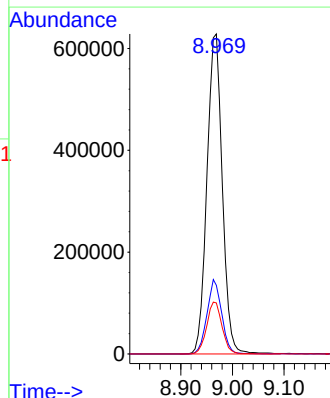
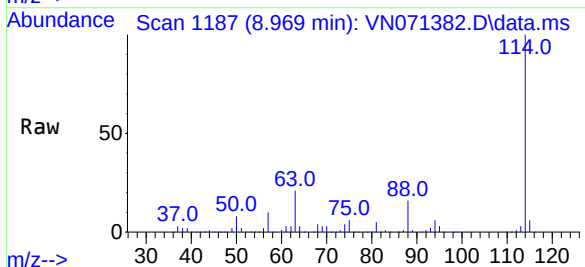
Tgt Ion: 114 Resp: 1297485

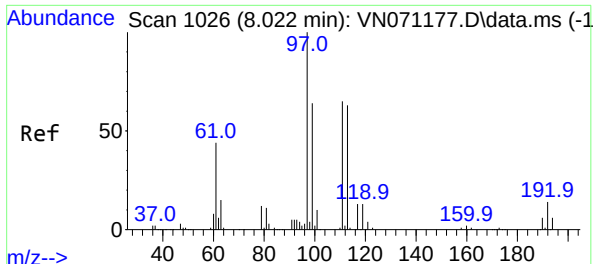
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

88 16.0 0.0 27.4

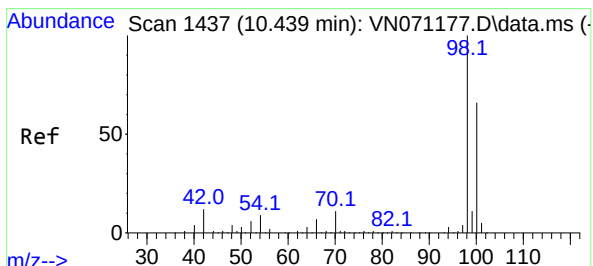
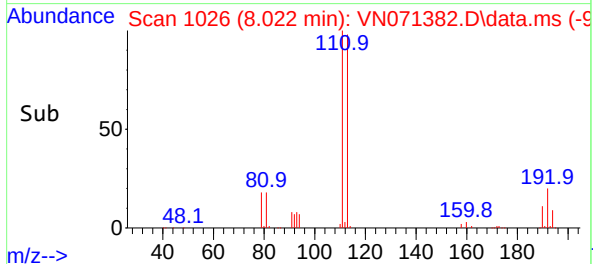
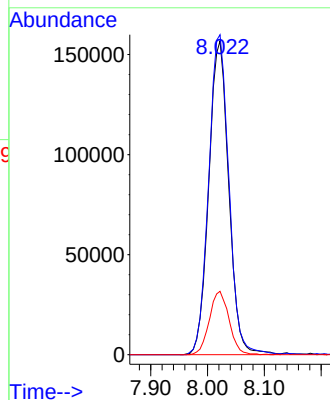
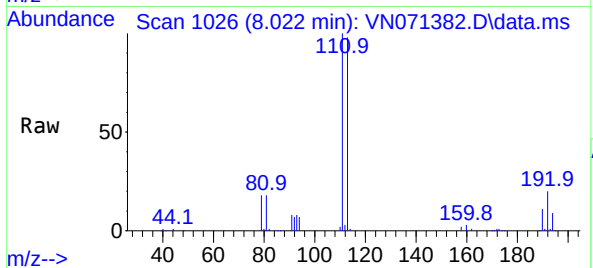




#35
Dibromofluoromethane
Concen: 46.658 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071382.D
Acq: 18 Mar 2022 19:07

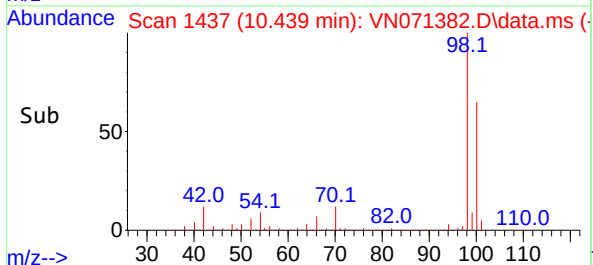
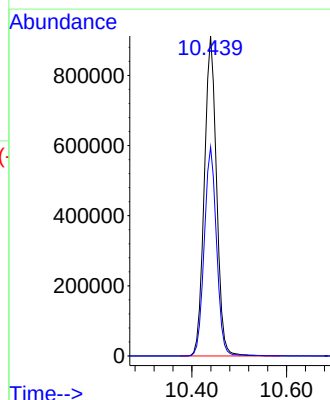
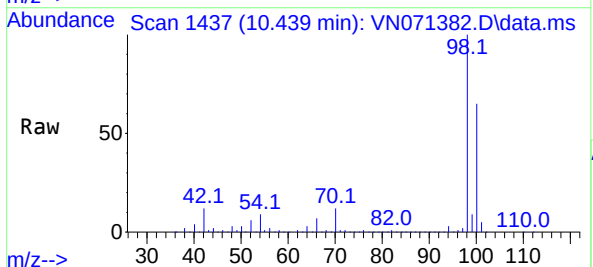
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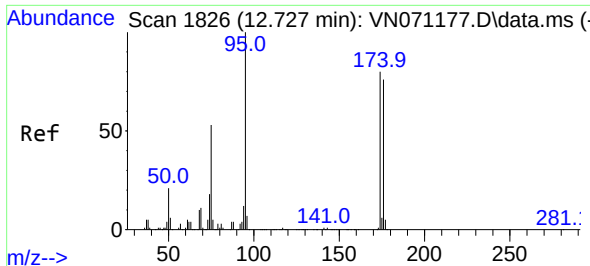
Tgt Ion:113 Resp: 382016
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 20.0 16.9 25.3



#50
Toluene-d8
Concen: 49.334 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071382.D
Acq: 18 Mar 2022 19:07

Tgt Ion: 98 Resp: 1626323
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6

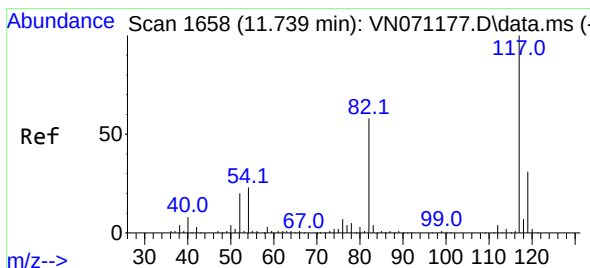
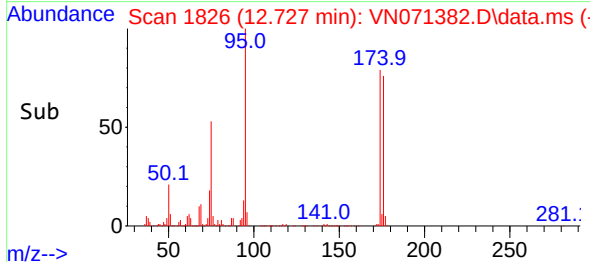
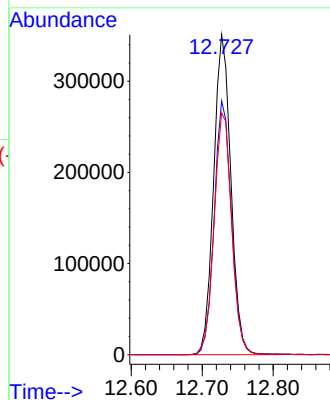
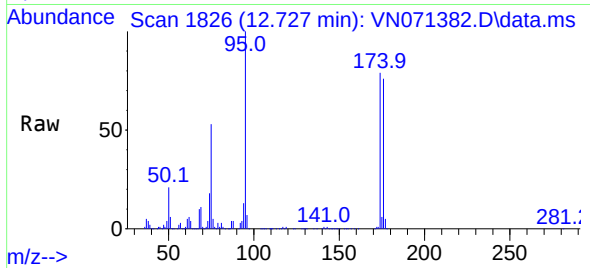




#62
4-Bromofluorobenzene
Concen: 52.921 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071382.D
Acq: 18 Mar 2022 19:07

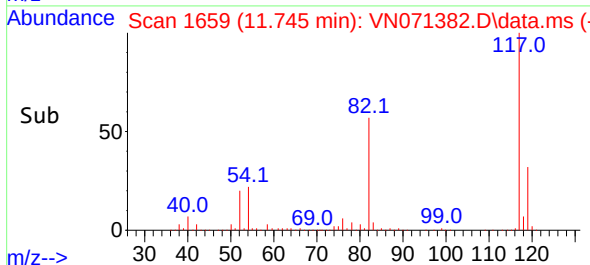
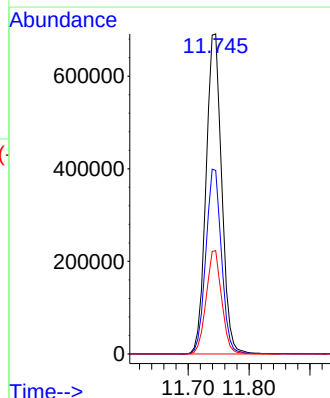
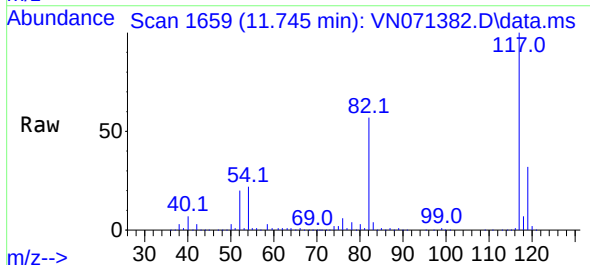
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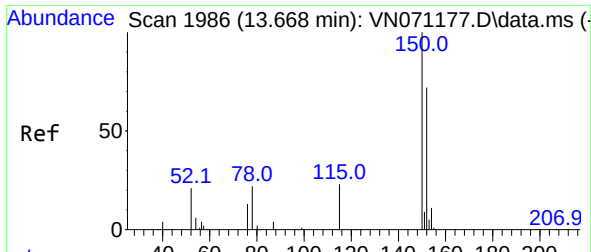
Tgt Ion: 95 Resp: 590755
Ion Ratio Lower Upper
95 100
174 79.4 0.0 187.2
176 76.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071382.D
Acq: 18 Mar 2022 19:07

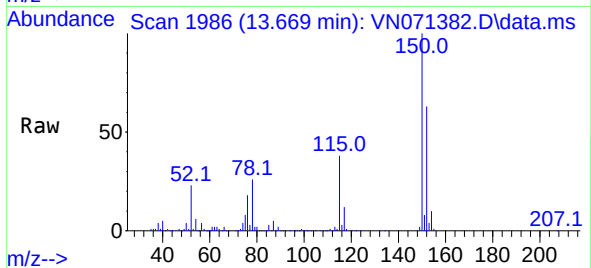
Tgt Ion: 117 Resp: 1238691
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 32.3 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN071382.D
 Acq: 18 Mar 2022 19:07

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-04



Tgt Ion:152 Resp: 447446

Ion	Ratio	Lower	Upper
152	100		
115	58.8	27.5	82.5
150	158.7	0.0	344.4

