

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031822\
 Data File : VN071385.D
 Acq On : 18 Mar 2022 20:20
 Operator : JC\MD
 Sample : N2015-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07

Quant Time: Mar 19 07:12:22 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)

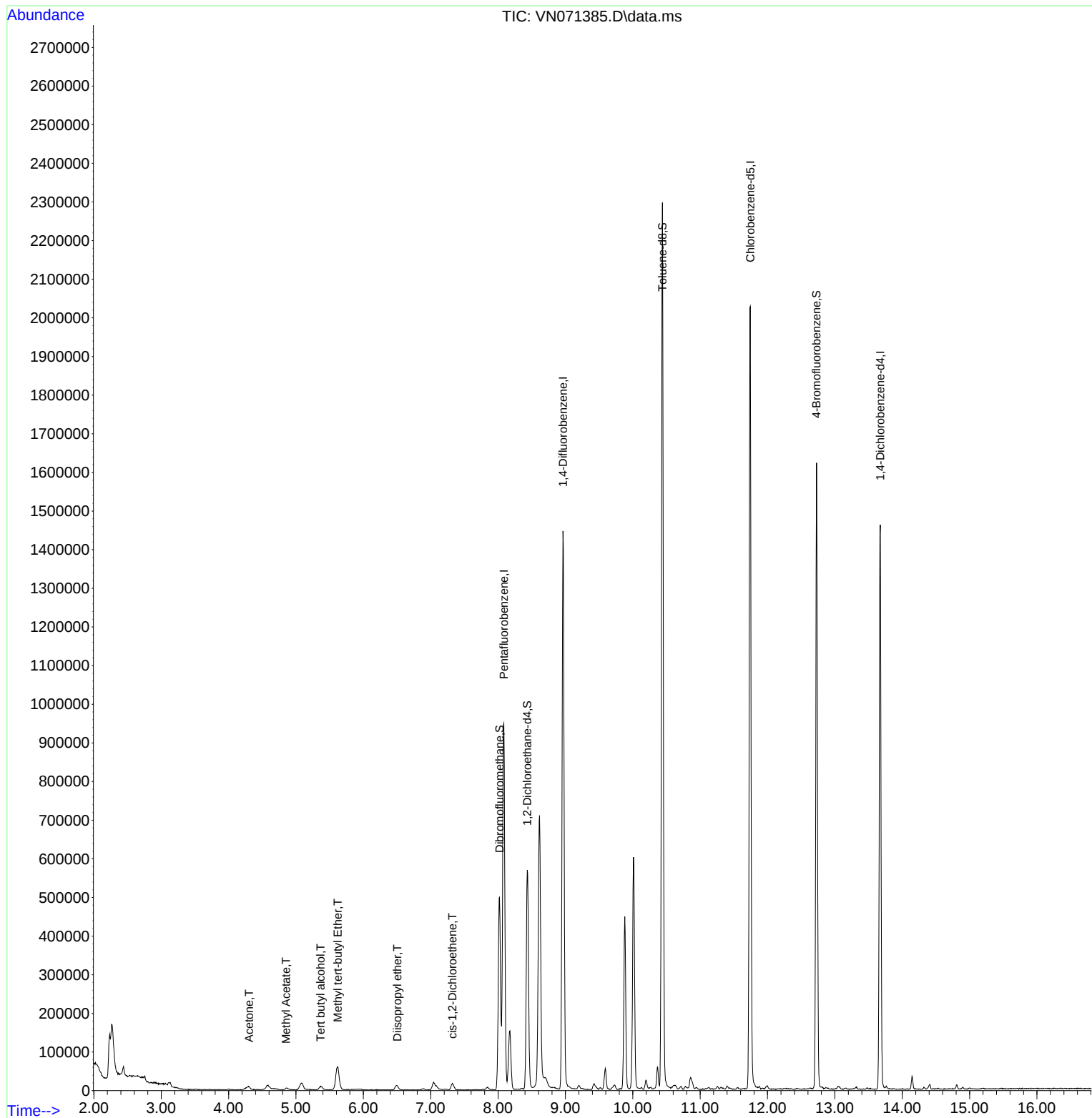
Internal Standards						
1) Pentafluorobenzene	8.086	168	744599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1262294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1185699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	407153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	484726	47.499	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.000%
35) Dibromofluoromethane	8.022	113	372468	46.760	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.520%
50) Toluene-d8	10.439	98	1575631	49.129	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.260%
62) 4-Bromofluorobenzene	12.727	95	557958	51.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.363	59	16607	8.284	ug/l #	88
16) Acetone	4.304	43	15784	3.179	ug/l	96
18) Methyl Acetate	4.851	43	10365	1.240	ug/l #	90
19) Methyl tert-butyl Ether	5.622	73	96065	3.428	ug/l	95
22) Diisopropyl ether	6.504	45	15207	0.475	ug/l #	84
27) cis-1,2-Dichloroethene	7.322	96	6906	0.713	ug/l	98

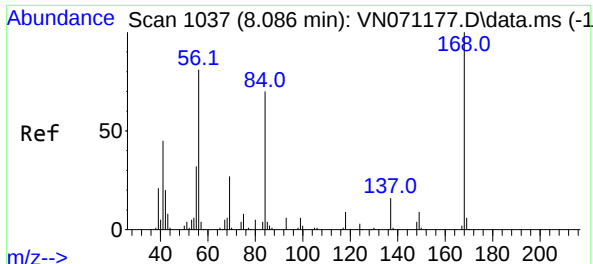
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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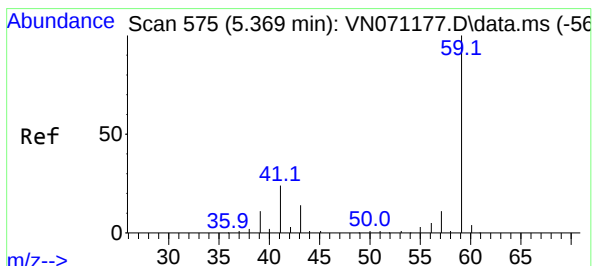
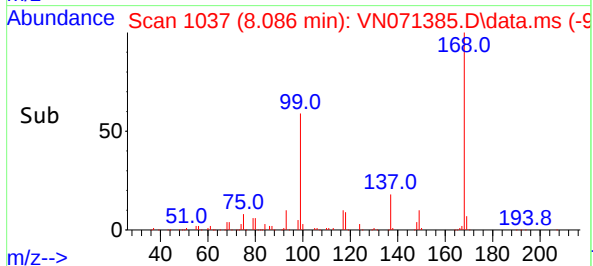
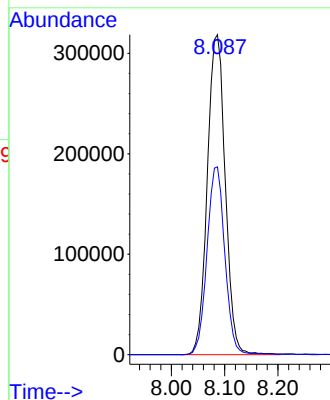
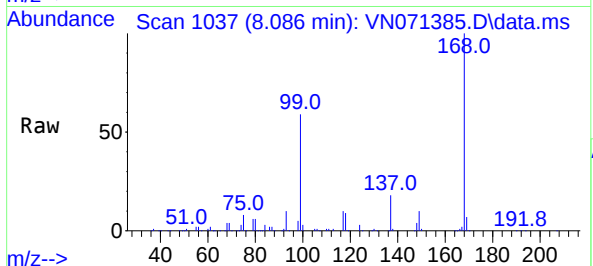




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN071385.D
Acq: 18 Mar 2022 20:20

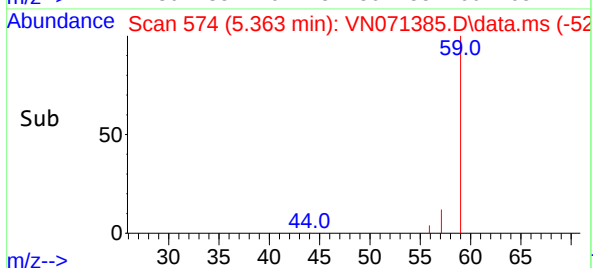
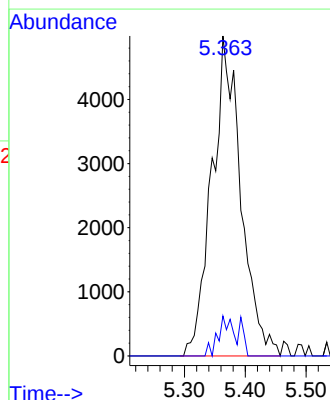
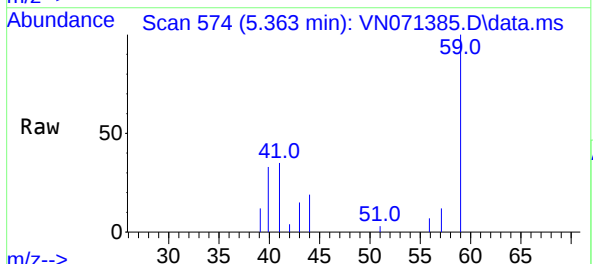
Instrument :
MSVOA_N
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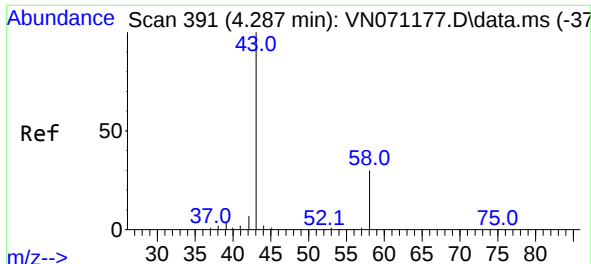
Tgt Ion:168 Resp: 744599
Ion Ratio Lower Upper
168 100
99 58.7 41.3 61.9



#11
Tert butyl alcohol
Concen: 8.284 ug/l
RT: 5.363 min Scan# 574
Delta R.T. -0.006 min
Lab File: VN071385.D
Acq: 18 Mar 2022 20:20

Tgt Ion: 59 Resp: 16607
Ion Ratio Lower Upper
59 100
57 6.2 8.7 13.1#

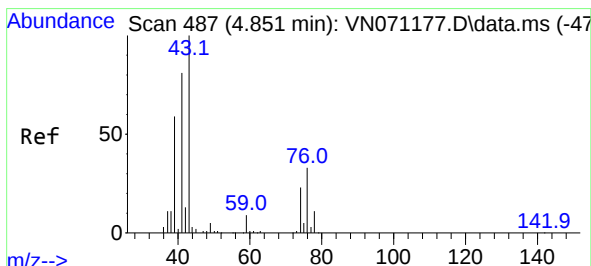
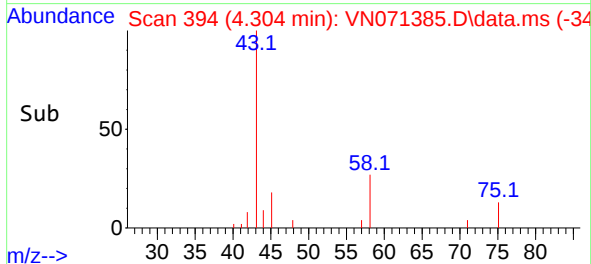
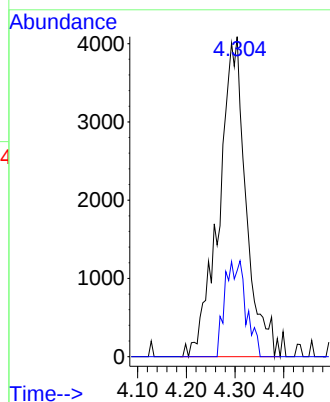
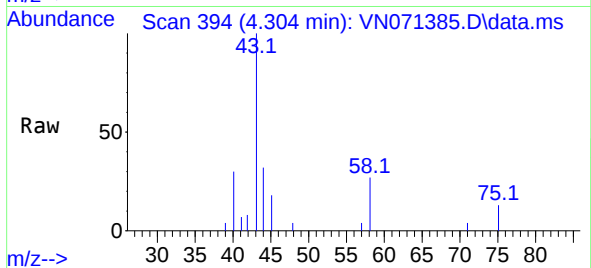




#16
Acetone
Concen: 3.179 ug/l
RT: 4.304 min Scan# 391
Delta R.T. 0.018 min
Lab File: VN071385.D
Acq: 18 Mar 2022 20:20

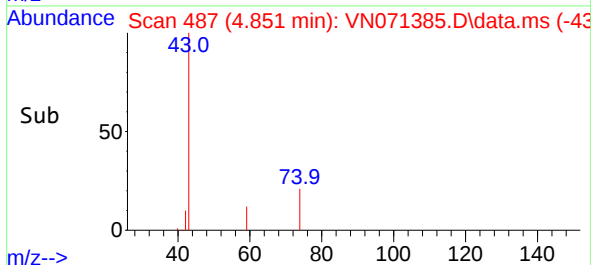
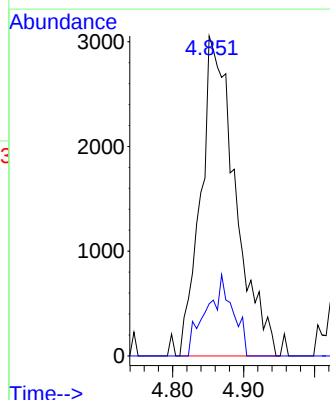
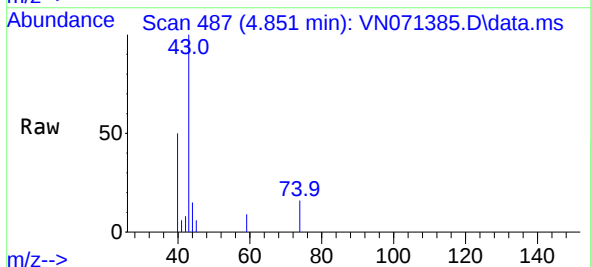
Instrument :
MSVOA_N
ClientSampleId :
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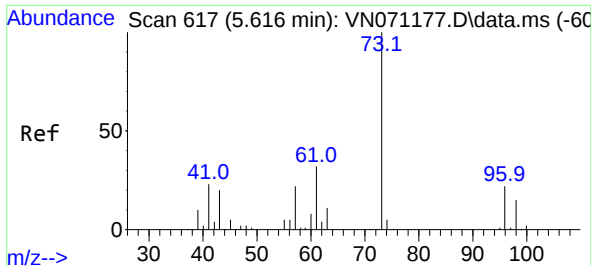
Tgt Ion: 43 Resp: 15784
Ion Ratio Lower Upper
43 100
58 26.9 23.1 34.7



#18
Methyl Acetate
Concen: 1.240 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071385.D
Acq: 18 Mar 2022 20:20

Tgt Ion: 43 Resp: 10365
Ion Ratio Lower Upper
43 100
74 19.3 19.4 29.2#

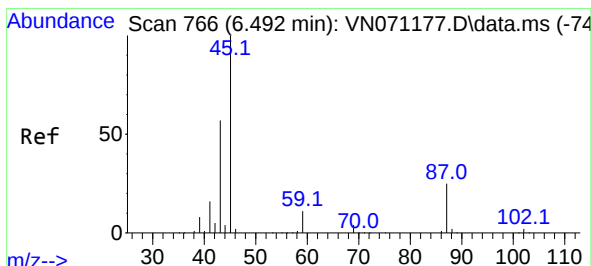
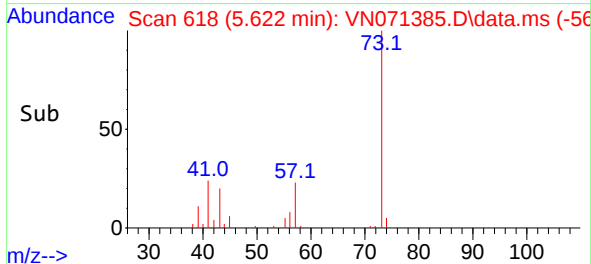
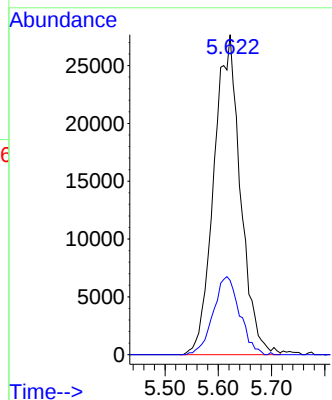
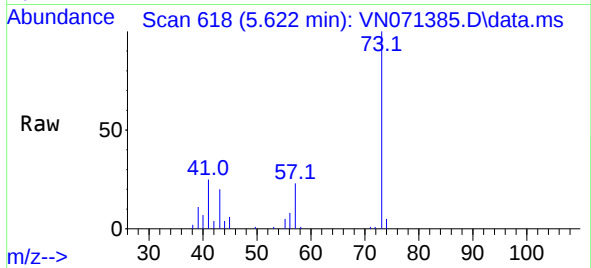




#19
Methyl tert-butyl Ether
Concen: 3.428 ug/l
RT: 5.622 min Scan# 618
Delta R.T. 0.006 min
Lab File: VN071385.D
Acq: 18 Mar 2022 20:20

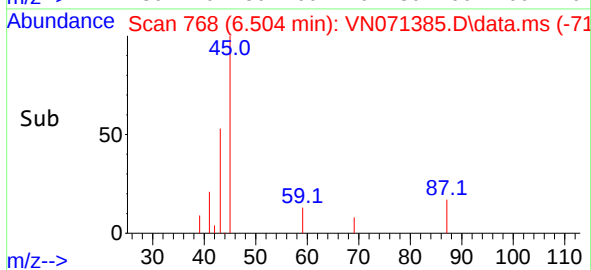
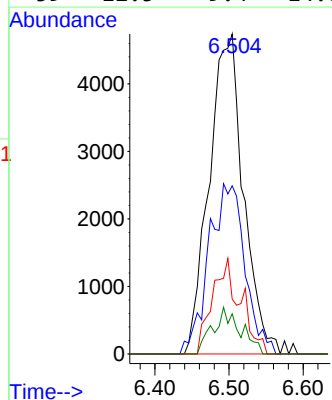
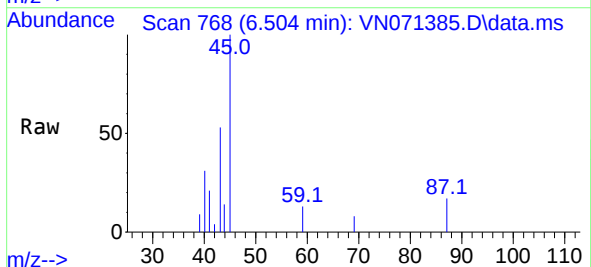
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07

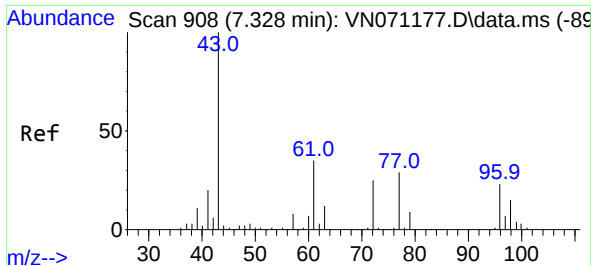
Tgt Ion: 73 Resp: 96065
Ion Ratio Lower Upper
73 100
57 23.2 16.8 25.2



#22
Diisopropyl ether
Concen: 0.475 ug/l
RT: 6.504 min Scan# 768
Delta R.T. 0.012 min
Lab File: VN071385.D
Acq: 18 Mar 2022 20:20

Tgt Ion: 45 Resp: 15207
Ion Ratio Lower Upper
45 100
43 52.5 51.7 77.5
87 17.2 23.2 34.8#
59 12.5 9.4 14.0

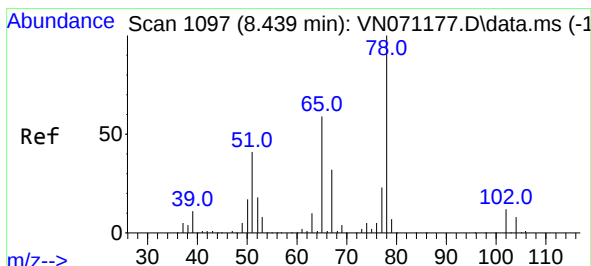
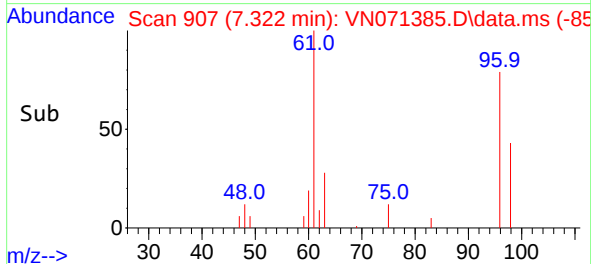
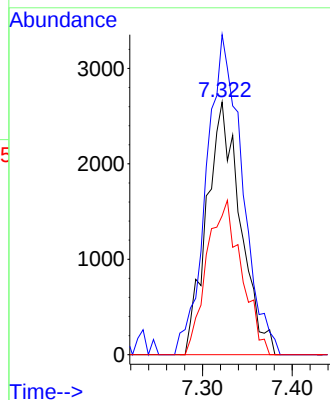
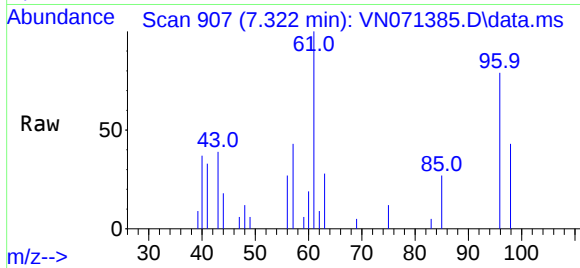




#27
 cis-1,2-Dichloroethene
 Concen: 0.713 ug/l
 RT: 7.322 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VN071385.D
 Acq: 18 Mar 2022 20:20

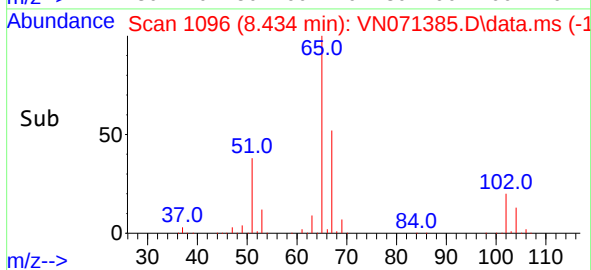
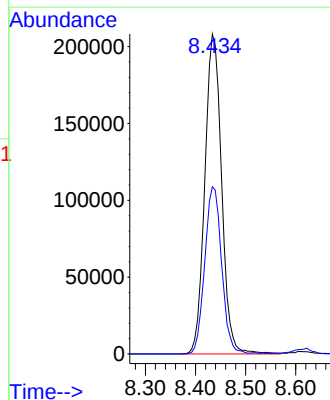
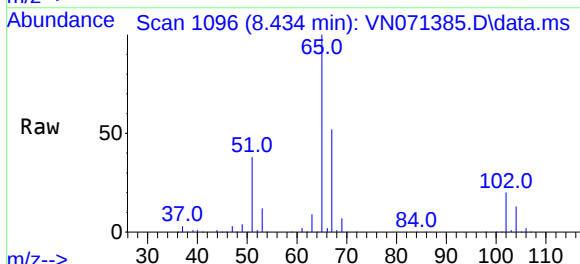
Instrument :
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 TOLL-MW-07

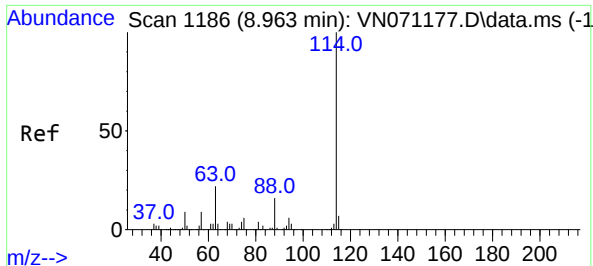
Tgt Ion: 96 Resp: 6906
 Ion Ratio Lower Upper
 96 100
 61 134.8 0.0 275.0
 98 63.0 0.0 129.6



#33
 1,2-Dichloroethane-d4
 Concen: 47.499 ug/l
 RT: 8.434 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: VN071385.D
 Acq: 18 Mar 2022 20:20

Tgt Ion: 65 Resp: 484726
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071385.D

Acq: 18 Mar 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07

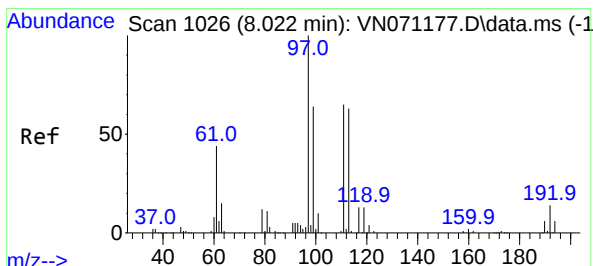
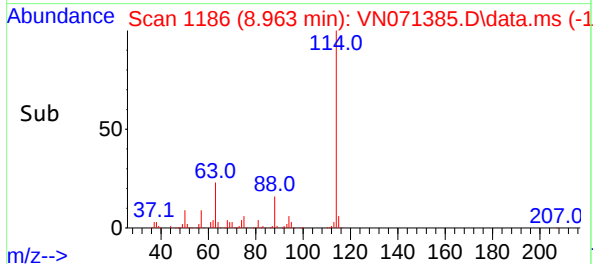
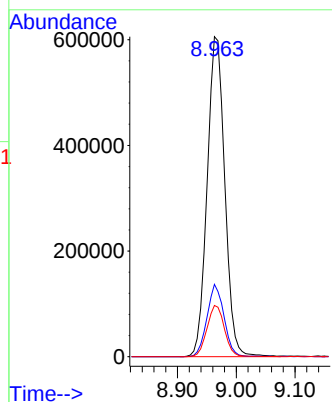
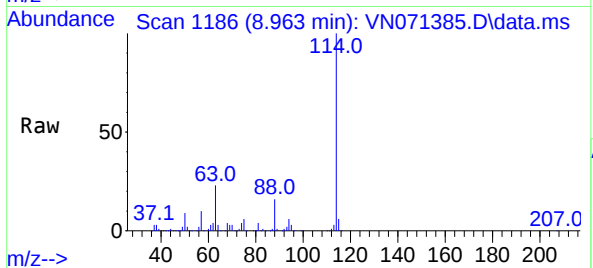
Tgt Ion:114 Resp: 1262294

Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

88 16.0 0.0 27.4



#35

Dibromofluoromethane

Concen: 46.760 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN071385.D

Acq: 18 Mar 2022 20:20

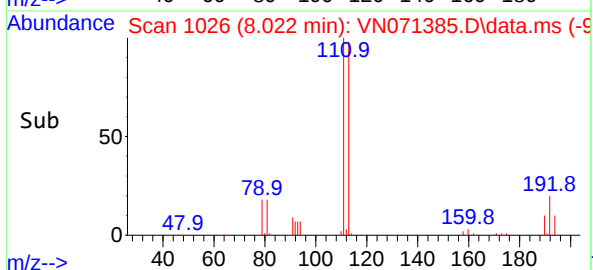
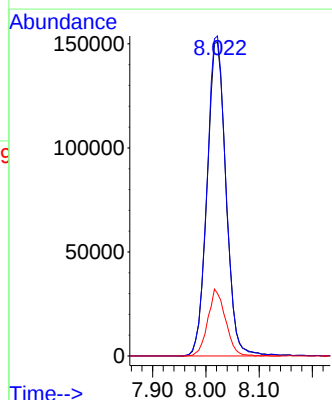
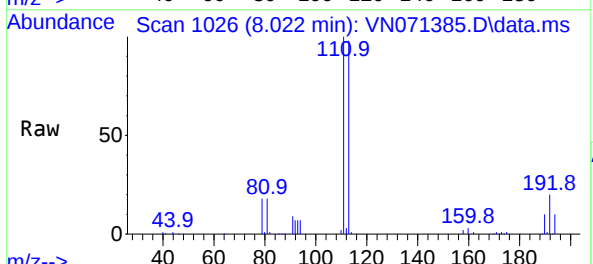
Tgt Ion:113 Resp: 372468

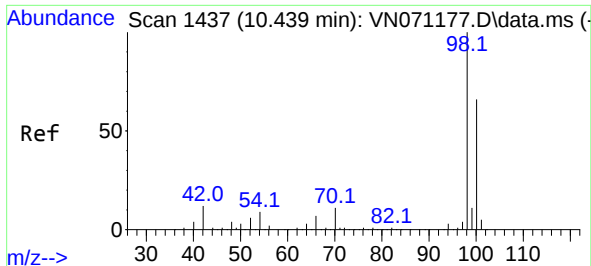
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

192 19.9 16.9 25.3

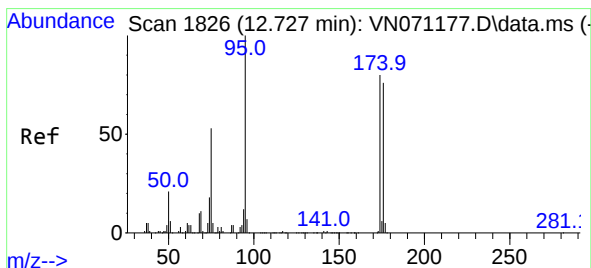
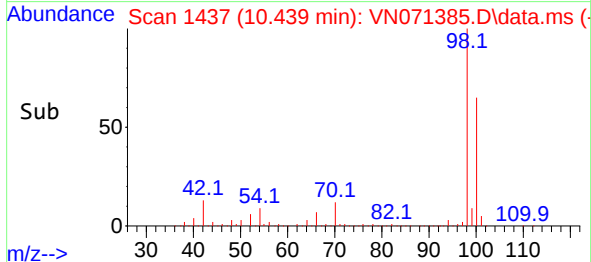
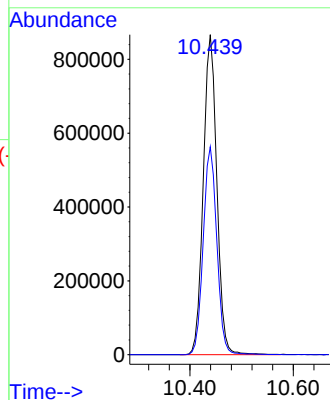
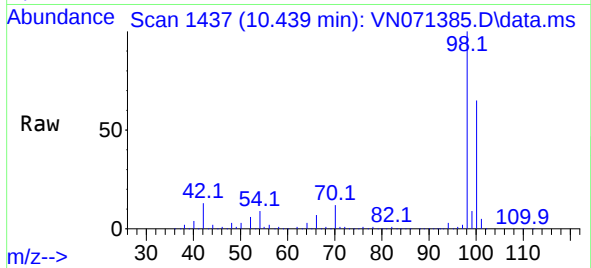




#50
Toluene-d8
Concen: 49.129 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071385.D
Acq: 18 Mar 2022 20:20

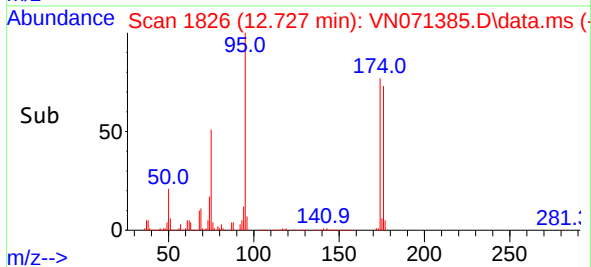
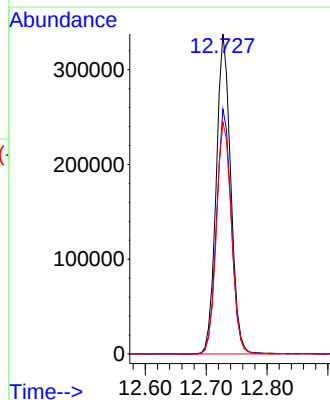
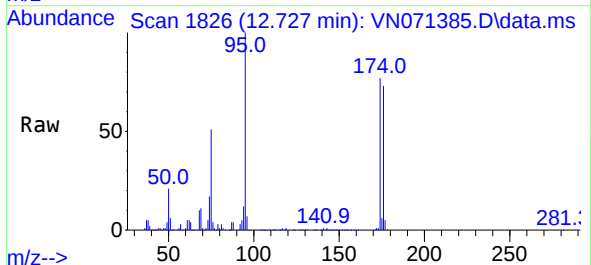
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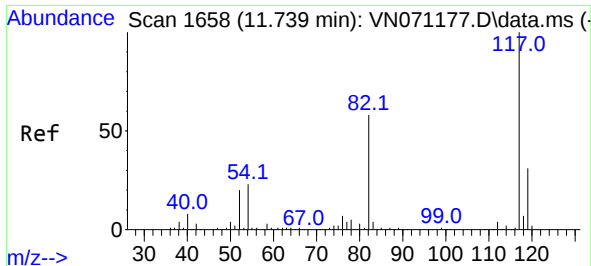
Tgt Ion: 98 Resp: 1575631
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.376 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071385.D
Acq: 18 Mar 2022 20:20

Tgt Ion: 95 Resp: 557958
Ion Ratio Lower Upper
95 100
174 78.1 0.0 187.2
176 74.9 0.0 181.4

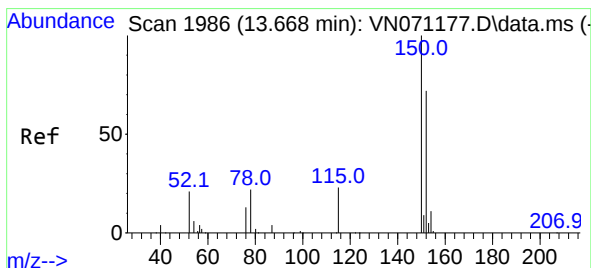
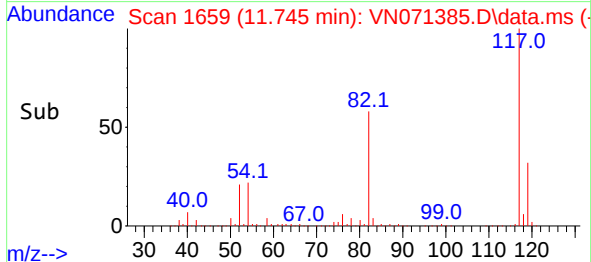
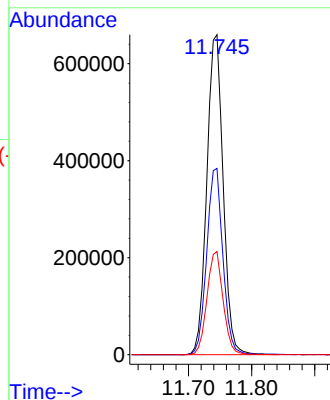
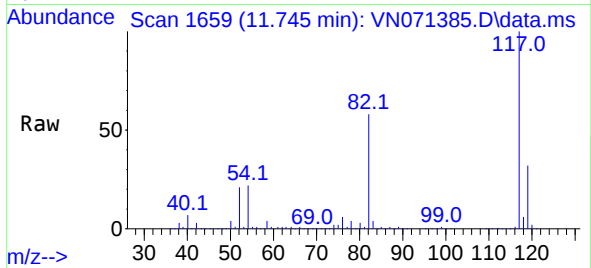




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN071385.D
Acq: 18 Mar 2022 20:20

Instrument :
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Tgt Ion:117 Resp: 1185699
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071385.D
Acq: 18 Mar 2022 20:20

Tgt Ion:152 Resp: 407153
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 159.5 0.0 344.4

