

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031822\
 Data File : VN071383.D
 Acq On : 18 Mar 2022 19:31
 Operator : JC\MD
 Sample : N2015-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-05

Quant Time: Mar 19 07:11:42 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)

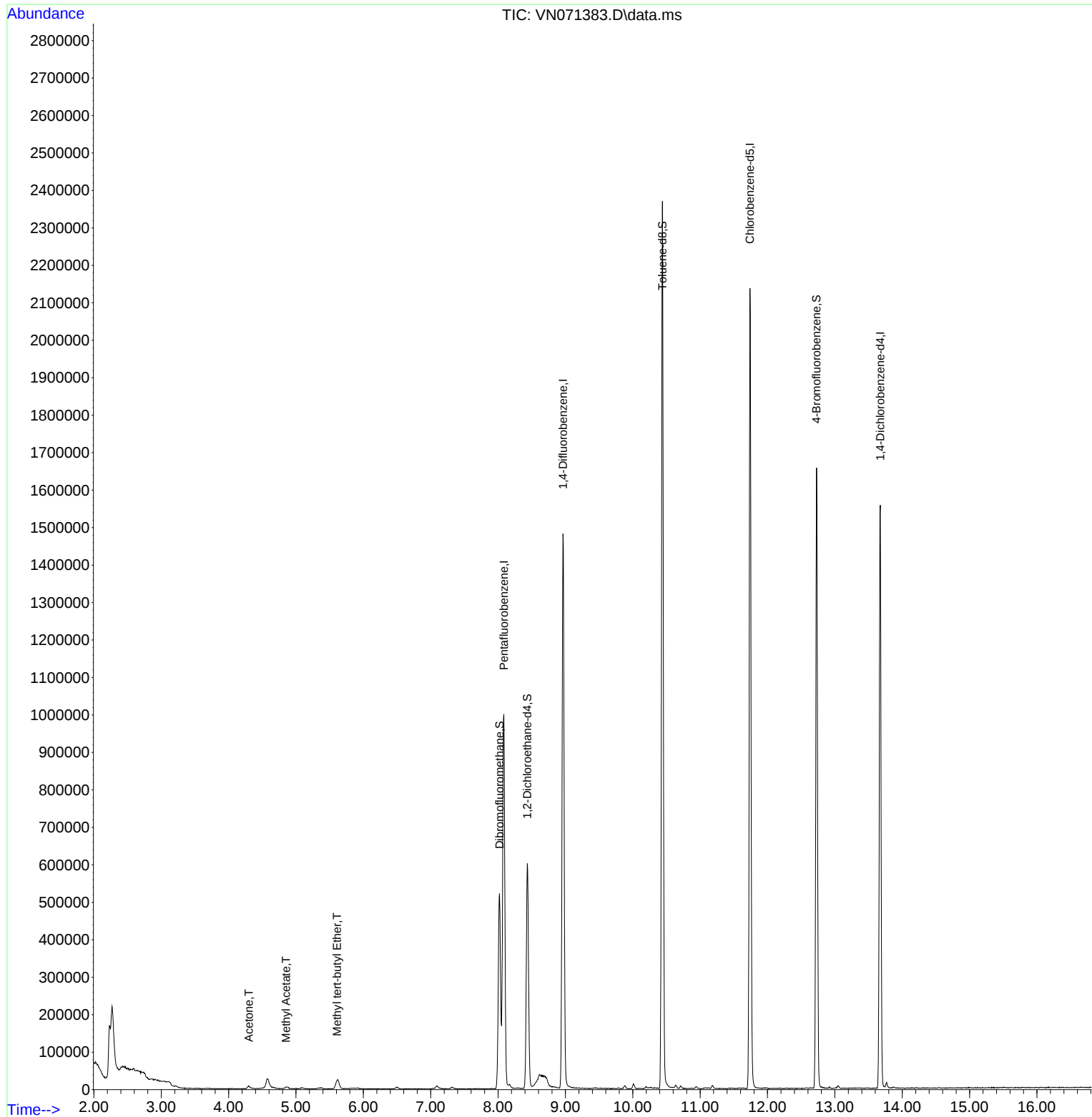
Internal Standards						
1) Pentafluorobenzene	8.086	168	780180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1300314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1229774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	434172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	501551	46.906	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.820%
35) Dibromofluoromethane	8.022	113	385725	47.008	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.020%
50) Toluene-d8	10.439	98	1615325	48.894	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.727	95	583473	52.155	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.300%
Target Compounds						
					Qvalue	
16) Acetone	4.298	43	11318	2.175	ug/l	100
18) Methyl Acetate	4.851	43	11599	1.292	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	39222	1.336	ug/l	97

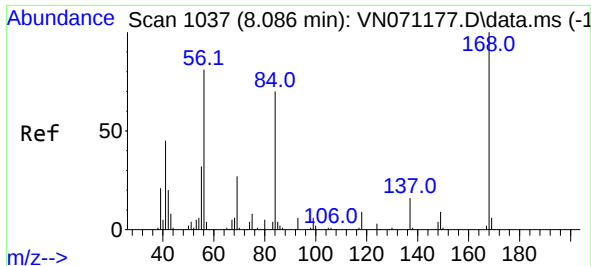
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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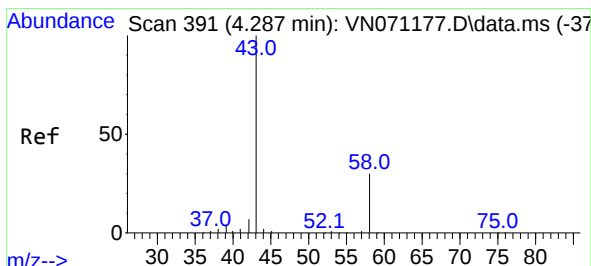
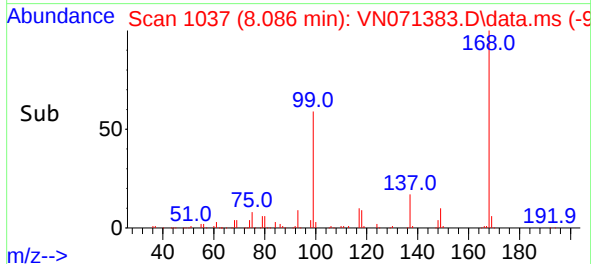
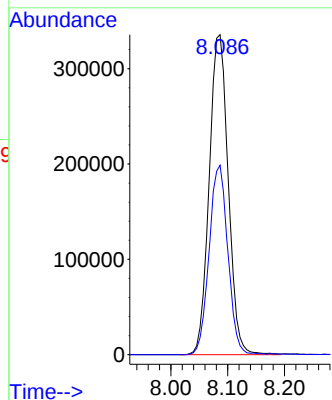
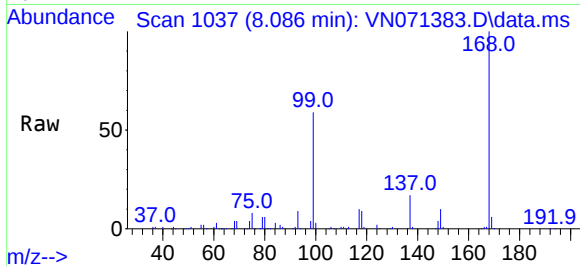




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071383.D
Acq: 18 Mar 2022 19:31

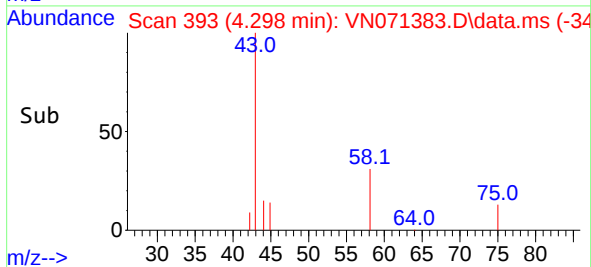
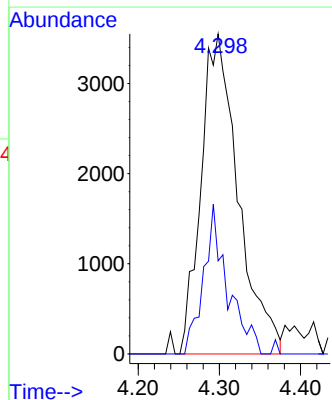
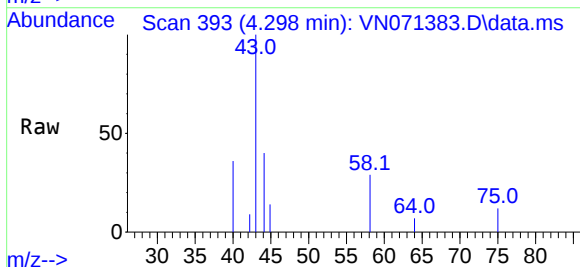
Instrument :
MSVOA_N
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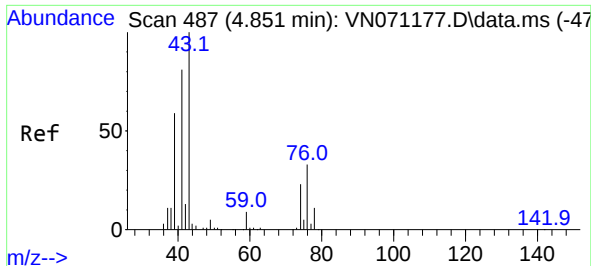
Tgt Ion:168 Resp: 780180
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9



#16
Acetone
Concen: 2.175 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.012 min
Lab File: VN071383.D
Acq: 18 Mar 2022 19:31

Tgt Ion: 43 Resp: 11318
Ion Ratio Lower Upper
43 100
58 29.1 23.1 34.7

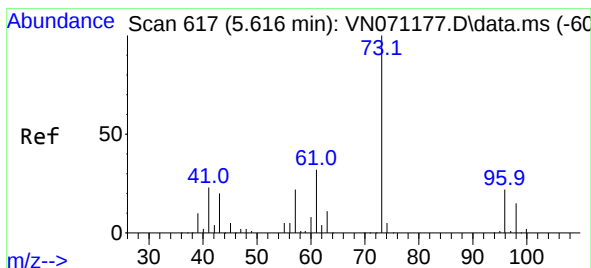
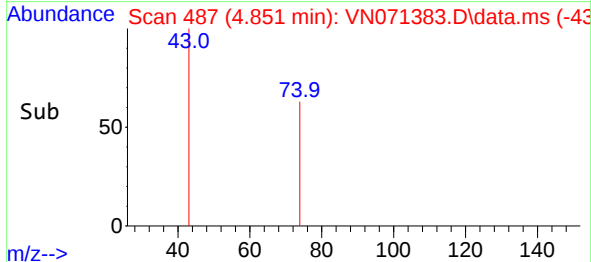
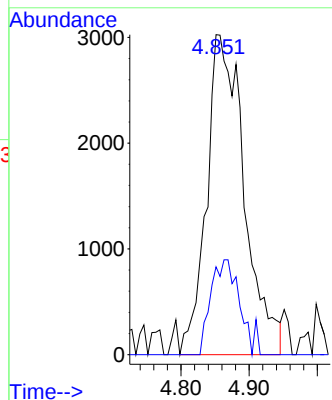
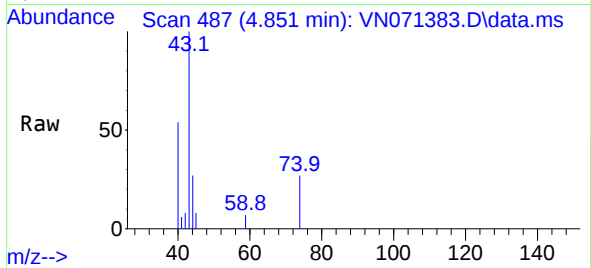




#18
Methyl Acetate
Concen: 1.292 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071383.D
Acq: 18 Mar 2022 19:31

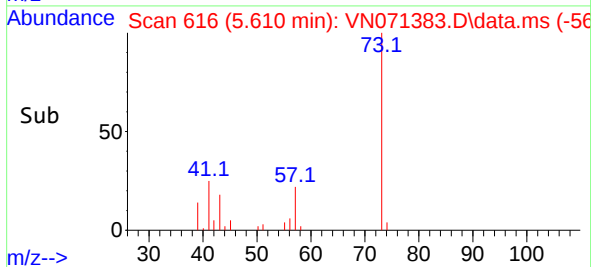
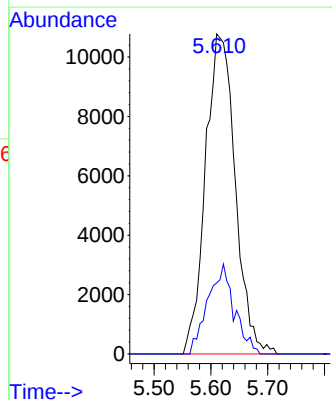
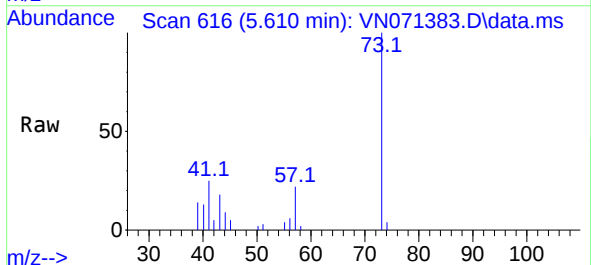
Instrument :
MSVOA_N
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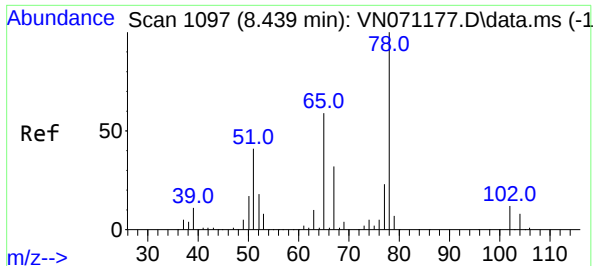
Tgt Ion: 43 Resp: 11599
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.2



#19
Methyl tert-butyl Ether
Concen: 1.336 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071383.D
Acq: 18 Mar 2022 19:31

Tgt Ion: 73 Resp: 39222
Ion Ratio Lower Upper
73 100
57 22.2 16.8 25.2

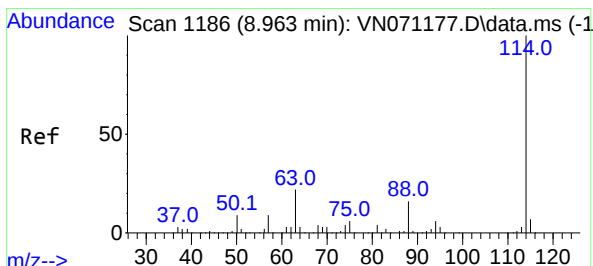
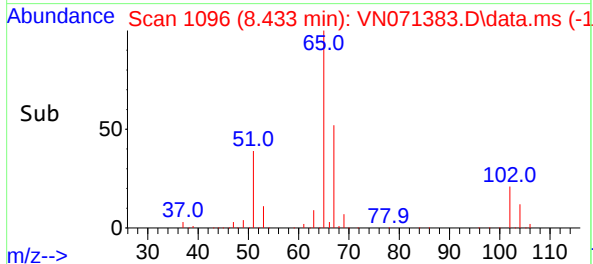
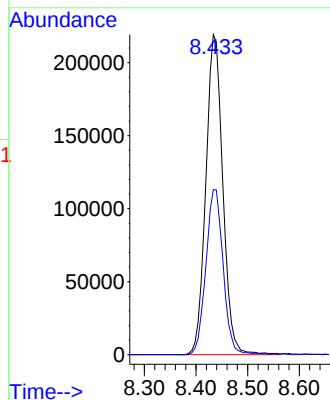
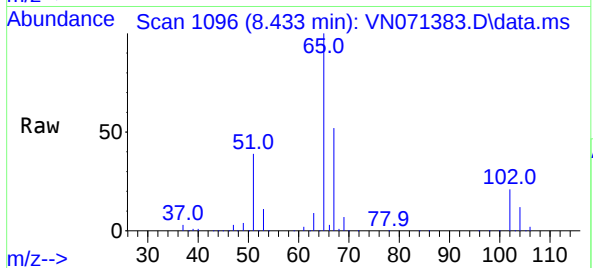




#33
1,2-Dichloroethane-d4
Concen: 46.906 ug/l
RT: 8.433 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071383.D
Acq: 18 Mar 2022 19:31

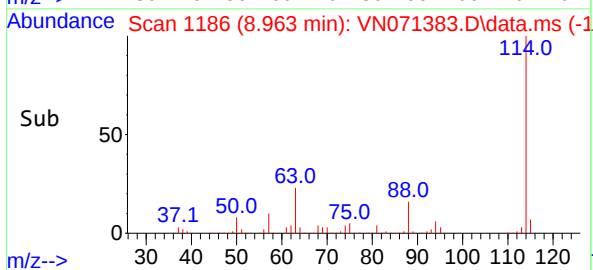
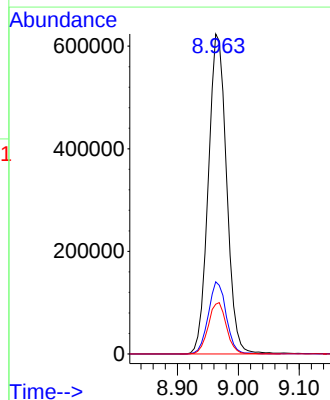
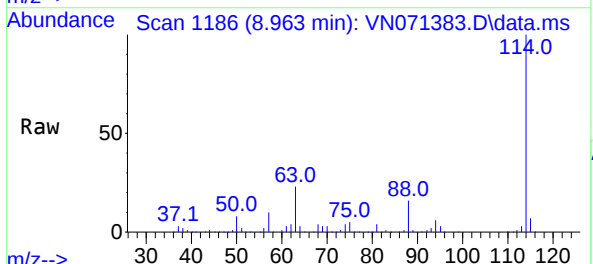
Instrument :
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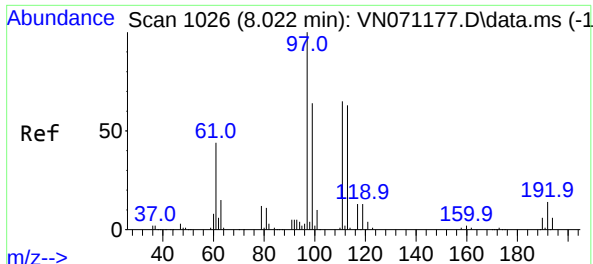
Tgt Ion: 65 Resp: 501551
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071383.D
Acq: 18 Mar 2022 19:31

Tgt Ion: 114 Resp: 1300314
Ion Ratio Lower Upper
114 100
63 22.5 0.0 37.8
88 15.5 0.0 27.4

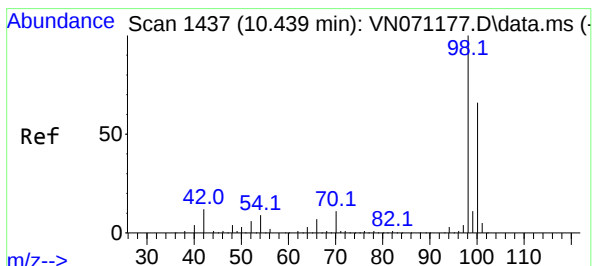
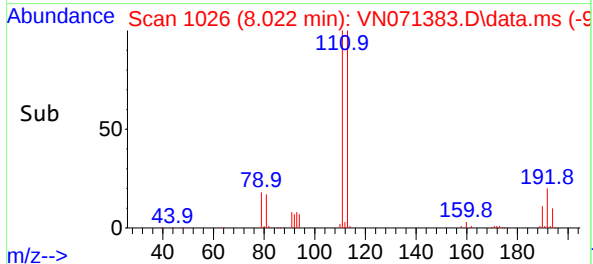
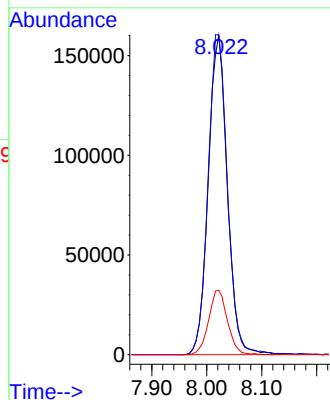
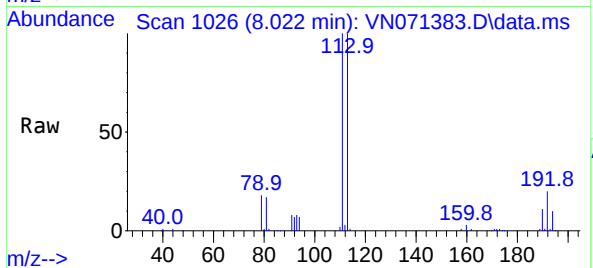




#35
Dibromofluoromethane
Concen: 47.008 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN071383.D
Acq: 18 Mar 2022 19:31

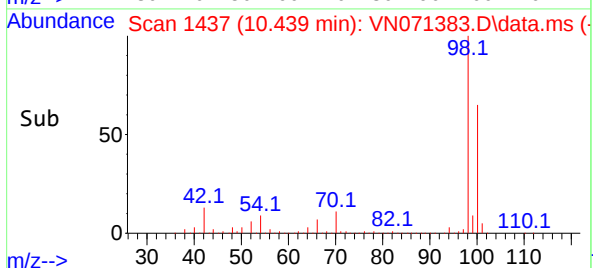
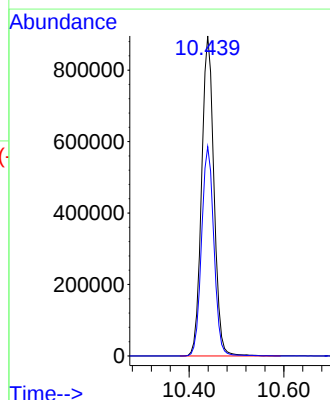
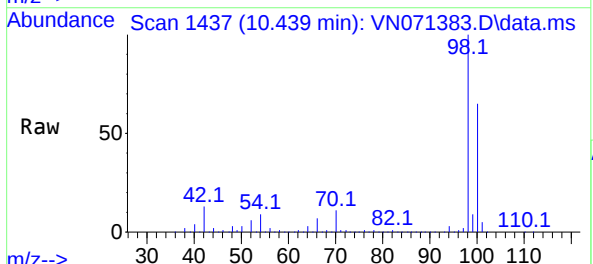
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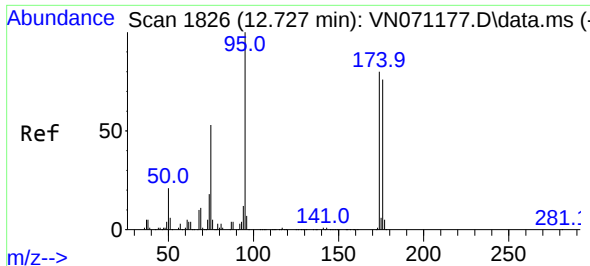
Tgt Ion:113 Resp: 385725
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 48.894 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071383.D
Acq: 18 Mar 2022 19:31

Tgt Ion: 98 Resp: 1615325
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6

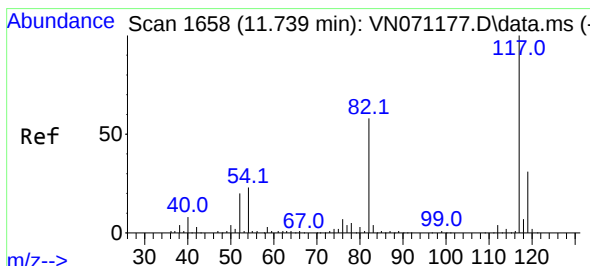
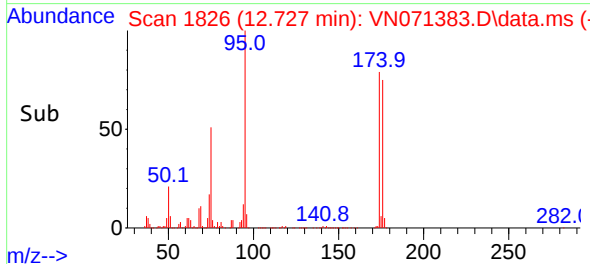
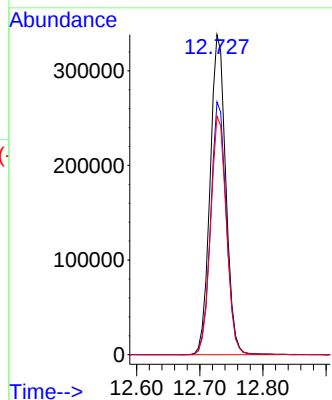
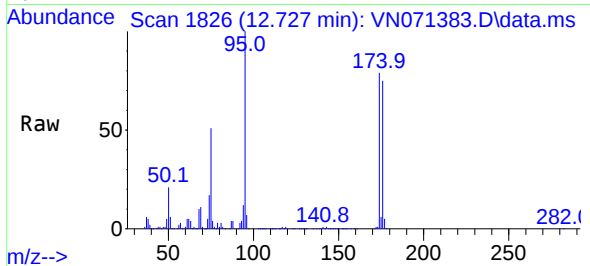




#62
4-Bromofluorobenzene
Concen: 52.155 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071383.D
Acq: 18 Mar 2022 19:31

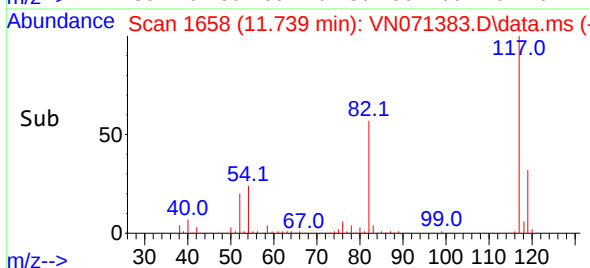
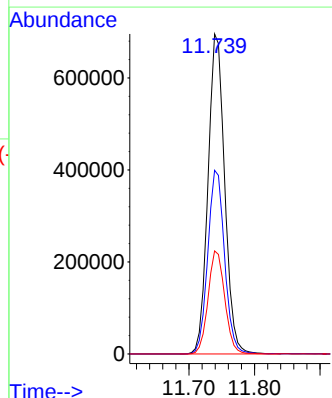
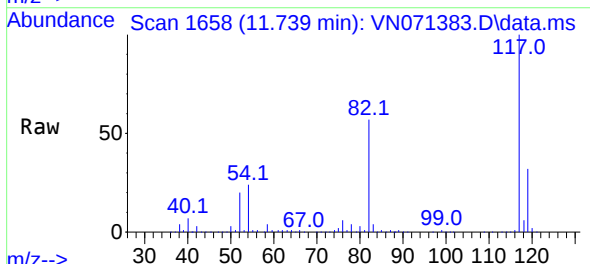
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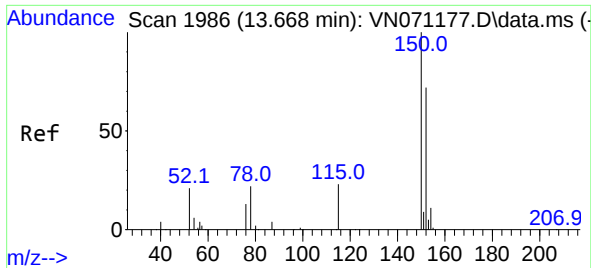
Tgt Ion: 95 Resp: 583473
Ion Ratio Lower Upper
95 100
174 78.8 0.0 187.2
176 74.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071383.D
Acq: 18 Mar 2022 19:31

Tgt Ion: 117 Resp: 1229774
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 32.2 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: VN071383.D
Acq: 18 Mar 2022 19:31

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-05

Tgt Ion:152 Resp: 434172
Ion Ratio Lower Upper
152 100
115 59.9 27.5 82.5
150 157.9 0.0 344.4

