

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071558.D
 Acq On : 25 Mar 2022 19:32
 Operator : JC\MD
 Sample : N2077-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-3-2-(3.0-3.5)

Quant Time: Mar 26 04:07:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

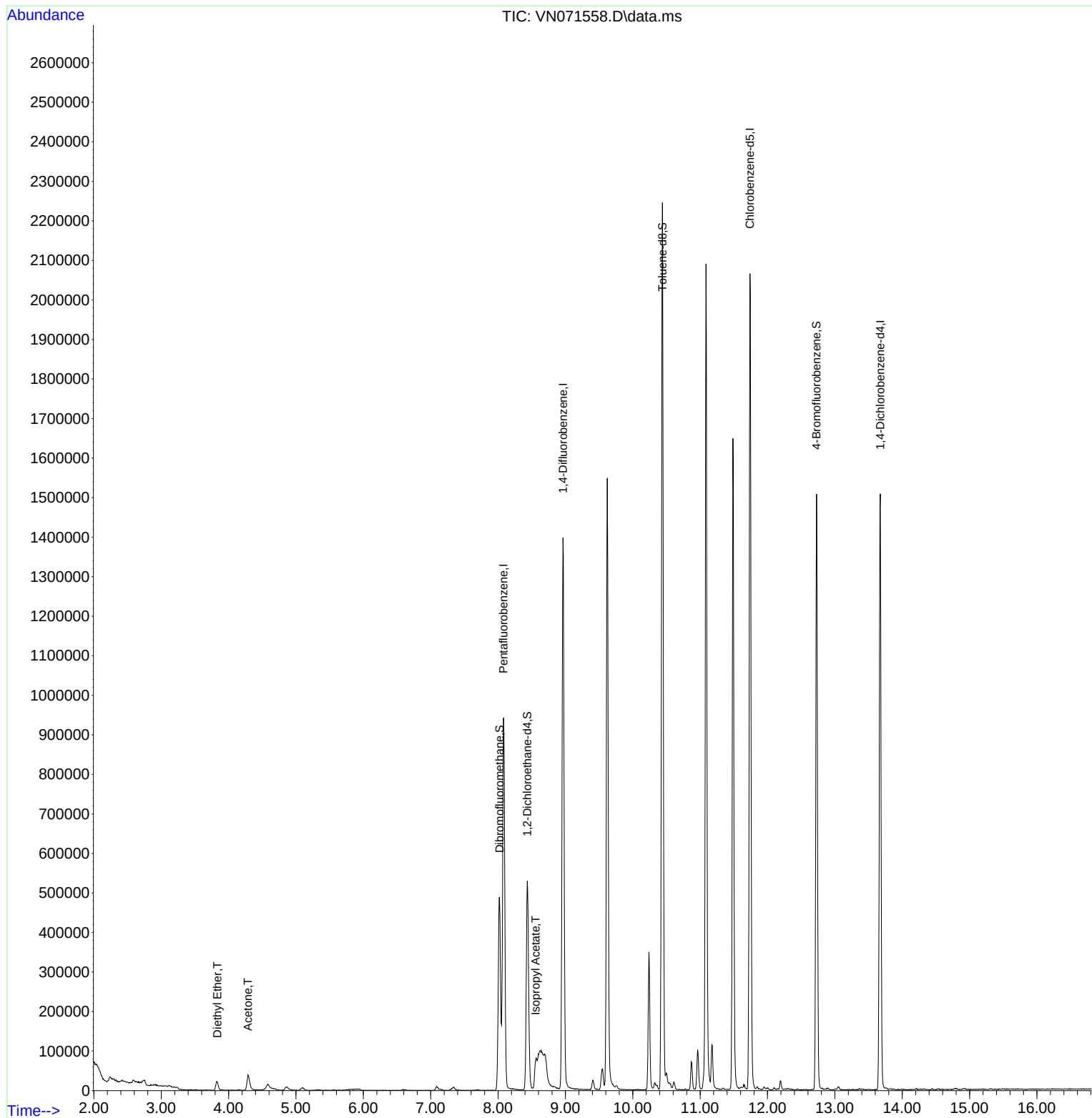
Internal Standards						
1) Pentafluorobenzene	8.081	168	756605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1295914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1271959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	450342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	442898	47.117	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.240%
35) Dibromofluoromethane	8.022	113	364342	44.735	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.480%
50) Toluene-d8	10.439	98	1609896	49.006	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.727	95	521321	48.432	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.860%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.834	74	13616	2.658	ug/l	91
16) Acetone	4.287	43	71213	18.482	ug/l	98
43) Isopropyl Acetate	8.557	43	87831	3.917	ug/l #	75

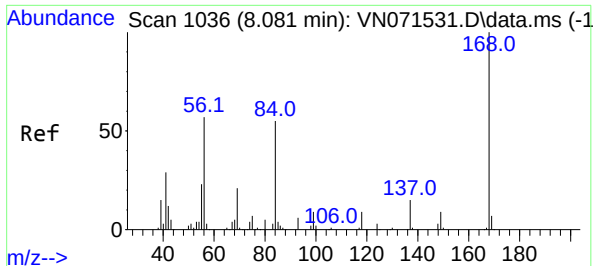
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN071558.D

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Instrument :

MSVOA_N

ClientSampleId :

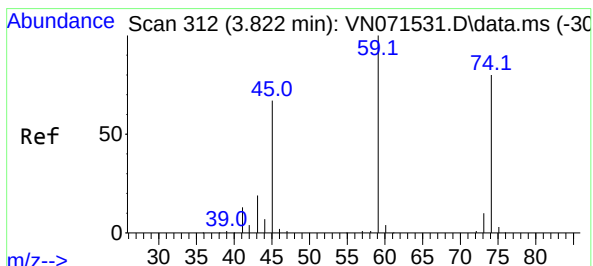
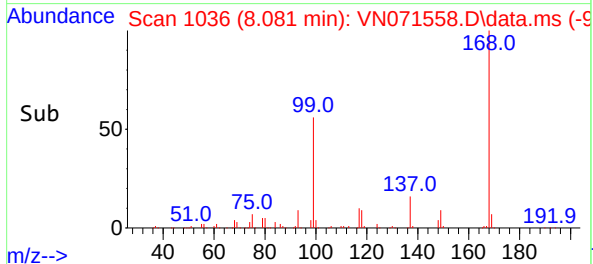
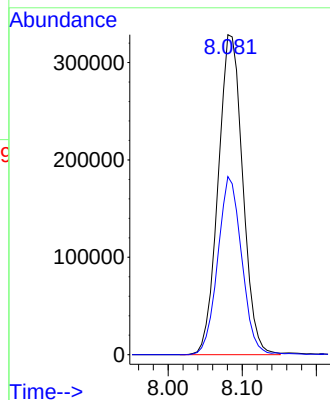
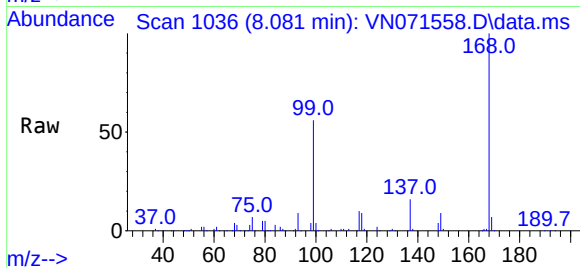
WC-14A-3-2(3.0-3.5)

Tgt Ion:168 Resp: 756605

Ion Ratio Lower Upper

168 100

99 55.6 42.3 63.5



#8

Diethyl Ether

Concen: 2.658 ug/l

RT: 3.834 min Scan# 314

Delta R.T. 0.012 min

Lab File: VN071558.D

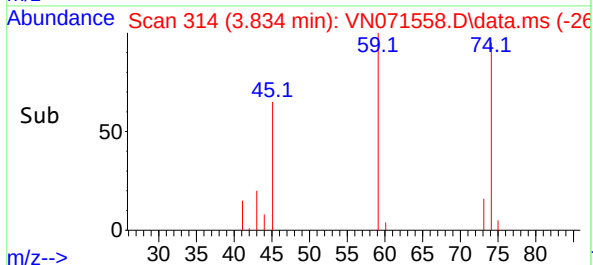
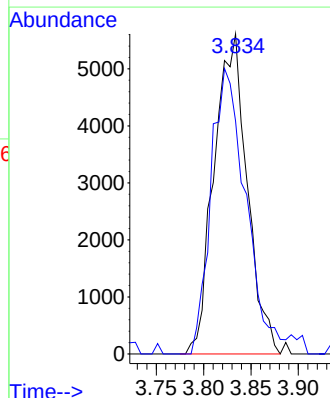
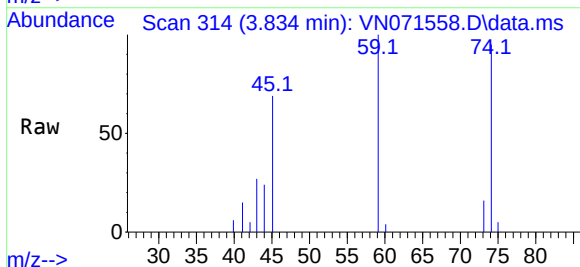
Acq: 25 Mar 2022 19:32

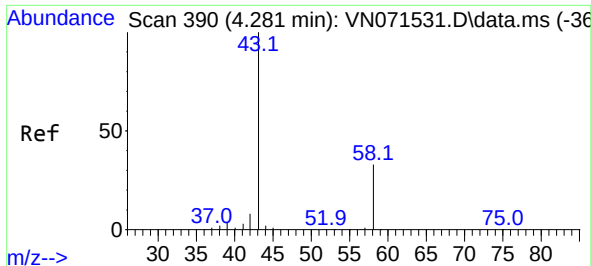
Tgt Ion: 74 Resp: 13616

Ion Ratio Lower Upper

74 100

45 94.1 42.9 128.5

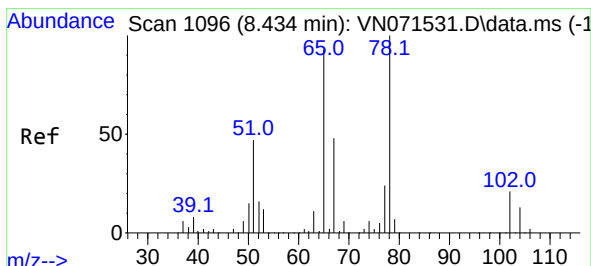
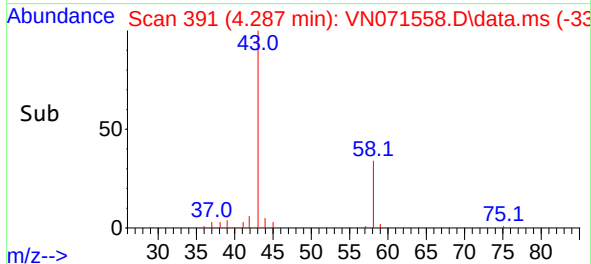
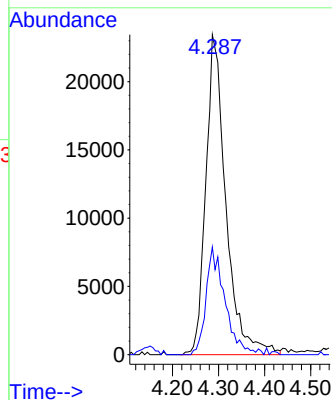
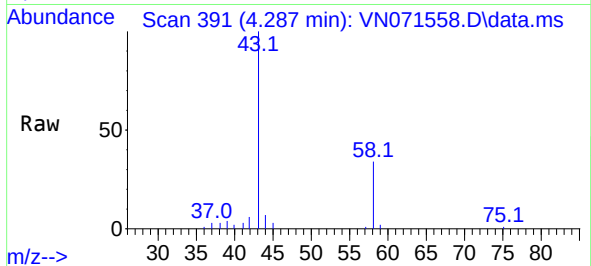




#16
Acetone
Concen: 18.482 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071558.D
Acq: 25 Mar 2022 19:32

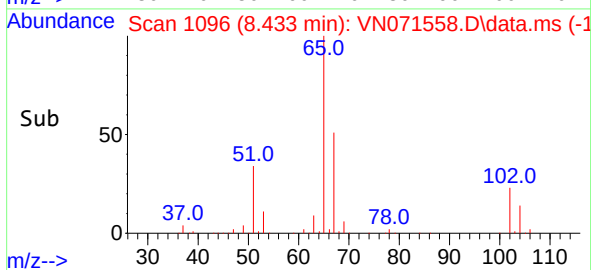
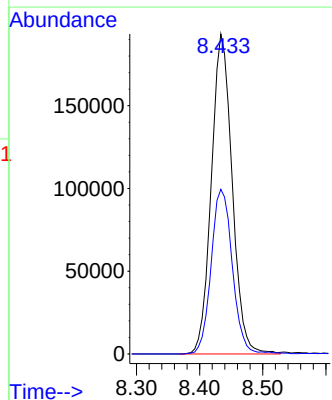
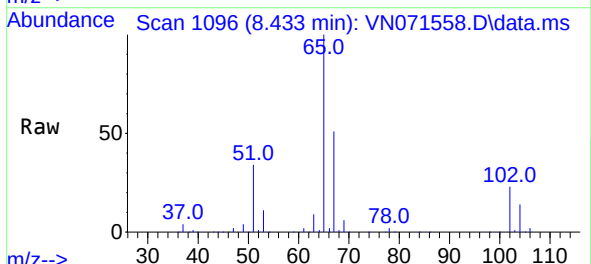
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-2(3.0-3.5)

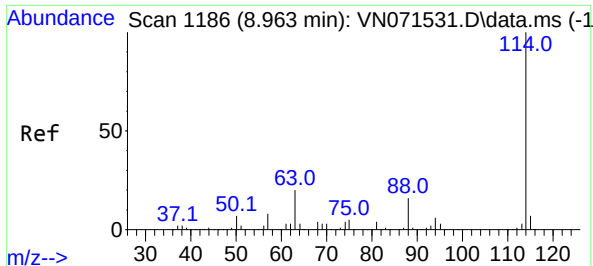
Tgt Ion: 43 Resp: 71213
Ion Ratio Lower Upper
43 100
58 33.7 26.0 39.0



#33
1,2-Dichloroethane-d4
Concen: 47.117 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071558.D
Acq: 25 Mar 2022 19:32

Tgt Ion: 65 Resp: 442898
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8

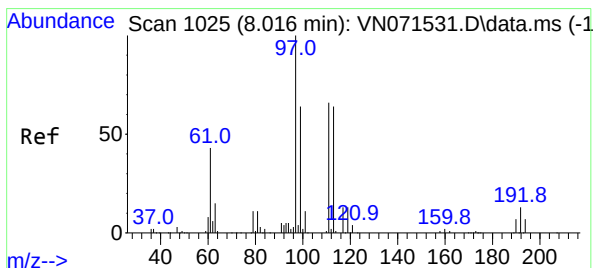
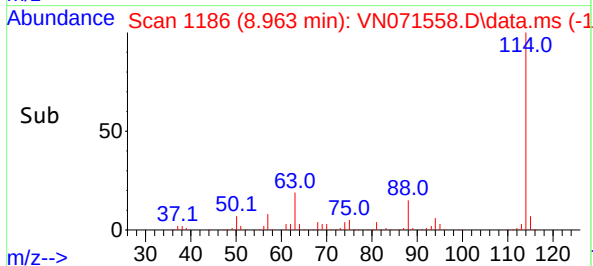
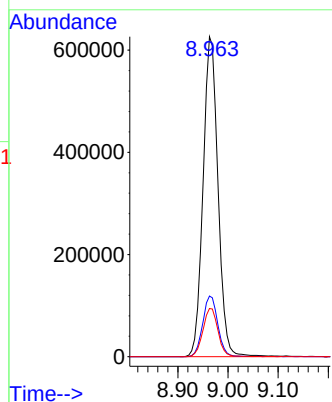
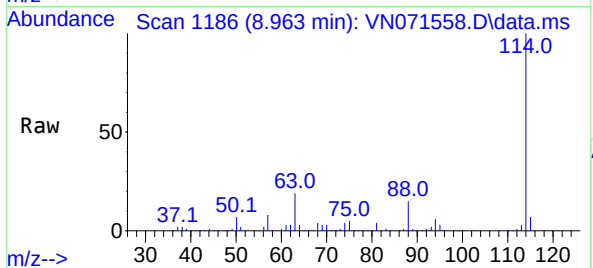




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071558.D
Acq: 25 Mar 2022 19:32

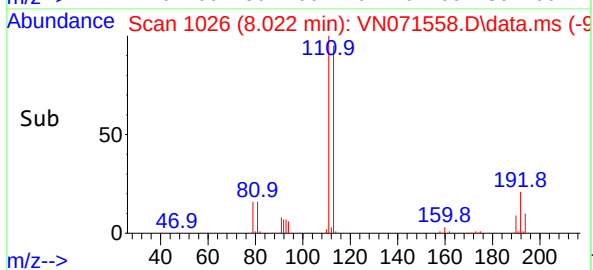
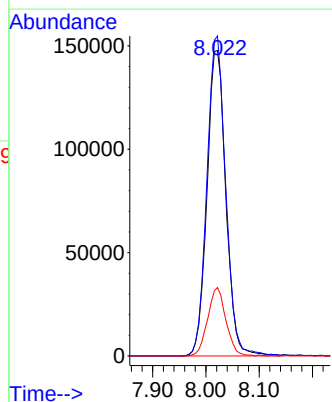
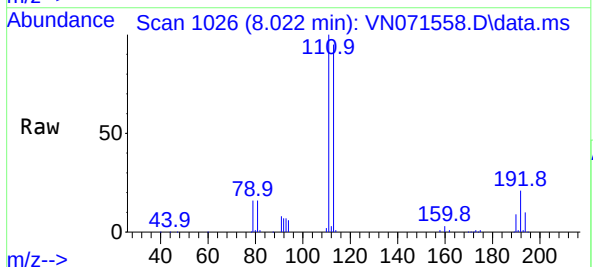
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-2-(3.0-3.5)

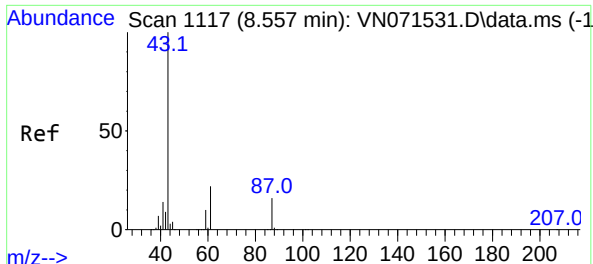
Tgt Ion:114 Resp: 1295914
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.0
88 15.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 44.735 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071558.D
Acq: 25 Mar 2022 19:32

Tgt Ion:113 Resp: 364342
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 21.6 17.0 25.6

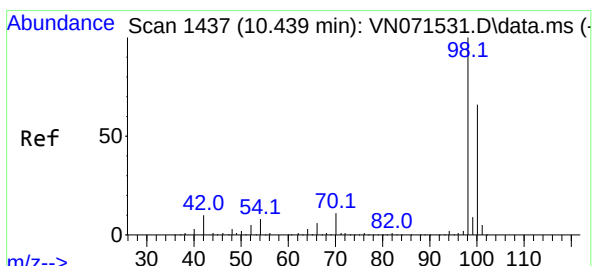
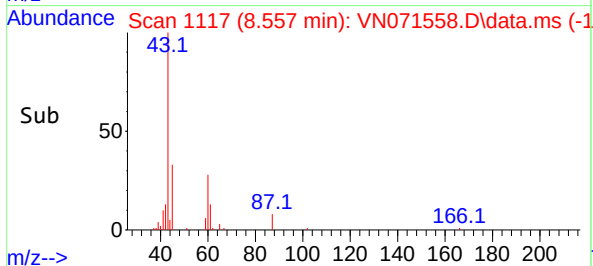
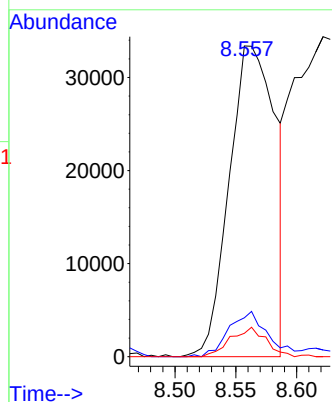
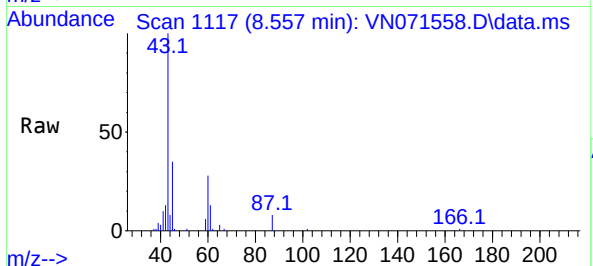




#43
Isopropyl Acetate
Concen: 3.917 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071558.D
Acq: 25 Mar 2022 19:32

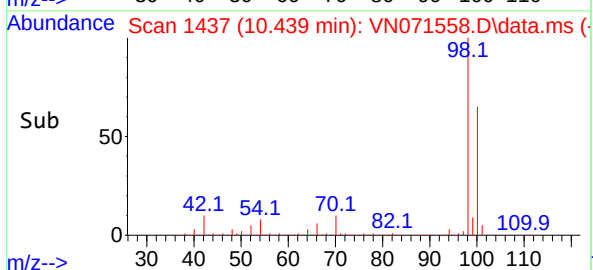
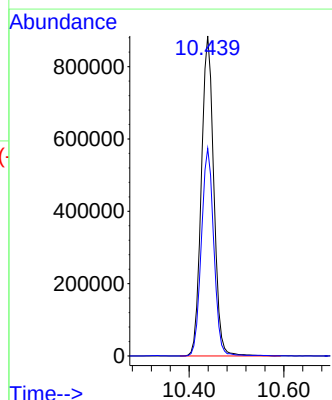
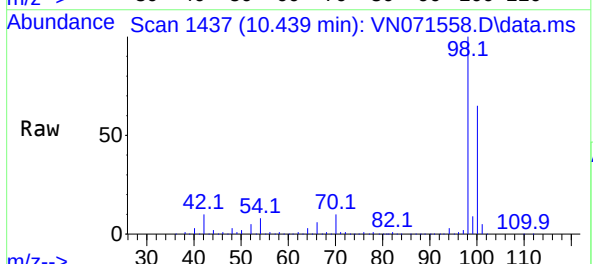
Instrument :
MSVOA_N
ClientSampleId :
WC-14A-3-2-(3.0-3.5)

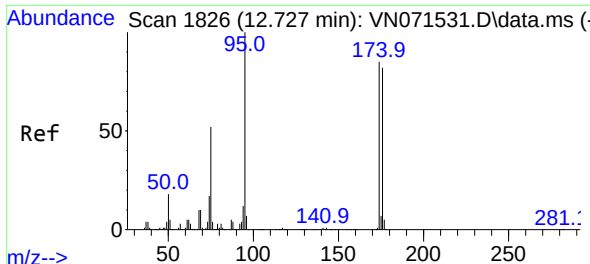
Tgt Ion: 43 Resp: 87831
Ion Ratio Lower Upper
43 100
61 12.4 21.9 32.9#
87 7.4 12.0 18.0#



#50
Toluene-d8
Concen: 49.006 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071558.D
Acq: 25 Mar 2022 19:32

Tgt Ion: 98 Resp: 1609896
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

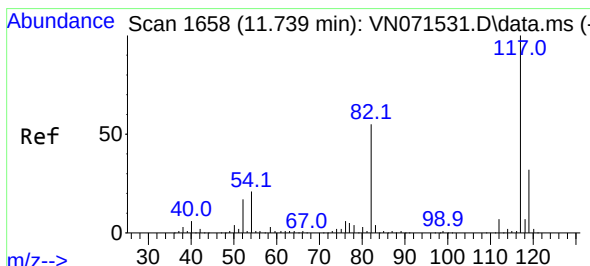
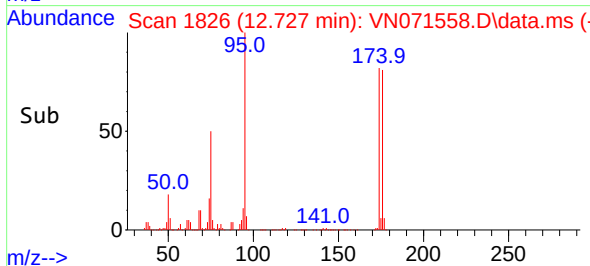
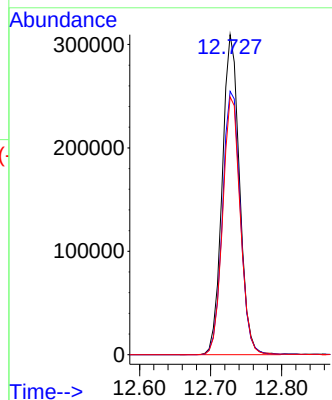
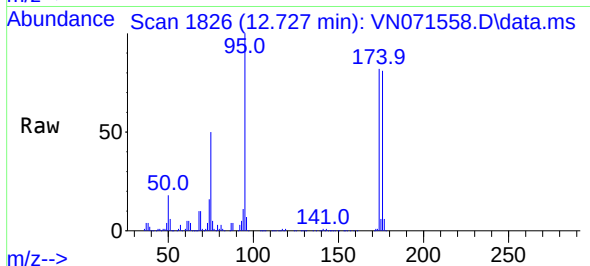




#62
4-Bromofluorobenzene
Concen: 48.432 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071558.D
Acq: 25 Mar 2022 19:32

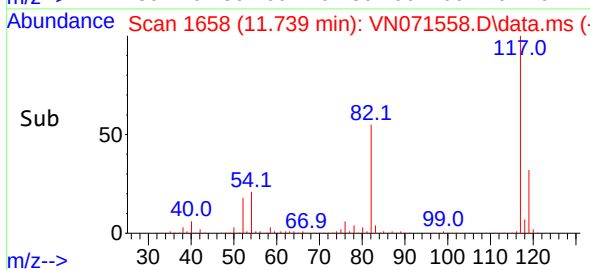
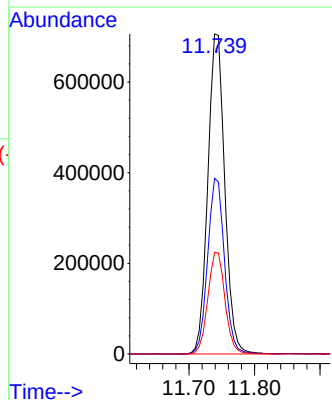
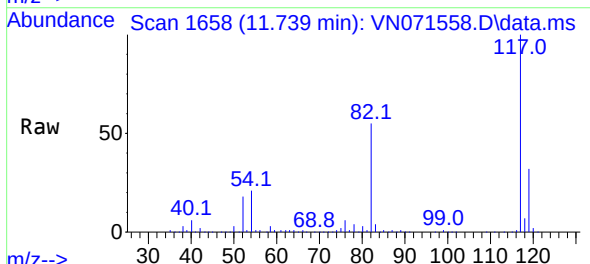
Instrument : MSVOA_N
ClientSampleId : WC-14A-3-2-(3.0-3.5)

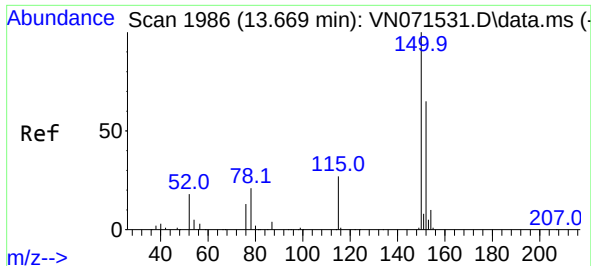
Tgt Ion:	95	Resp:	521321
Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	167.6
176	82.2	0.0	163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071558.D
Acq: 25 Mar 2022 19:32

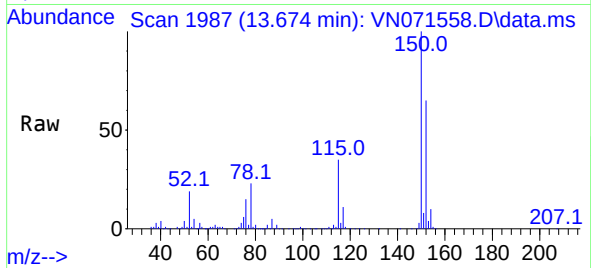
Tgt Ion:	117	Resp:	1271959
Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.2	66.2
119	31.8	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. 0.006 min
 Lab File: VN071558.D
 Acq: 25 Mar 2022 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14A-3-2-(3.0-3.5)



Tgt Ion:152 Resp: 450342
 Ion Ratio Lower Upper
 152 100
 115 56.9 28.9 86.7
 150 157.8 0.0 356.2

