

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071359.D
 Acq On : 17 Mar 2022 18:22
 Operator : JC\MD
 Sample : N2002-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 220316043-02-VOA

Quant Time: Mar 18 07:02:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

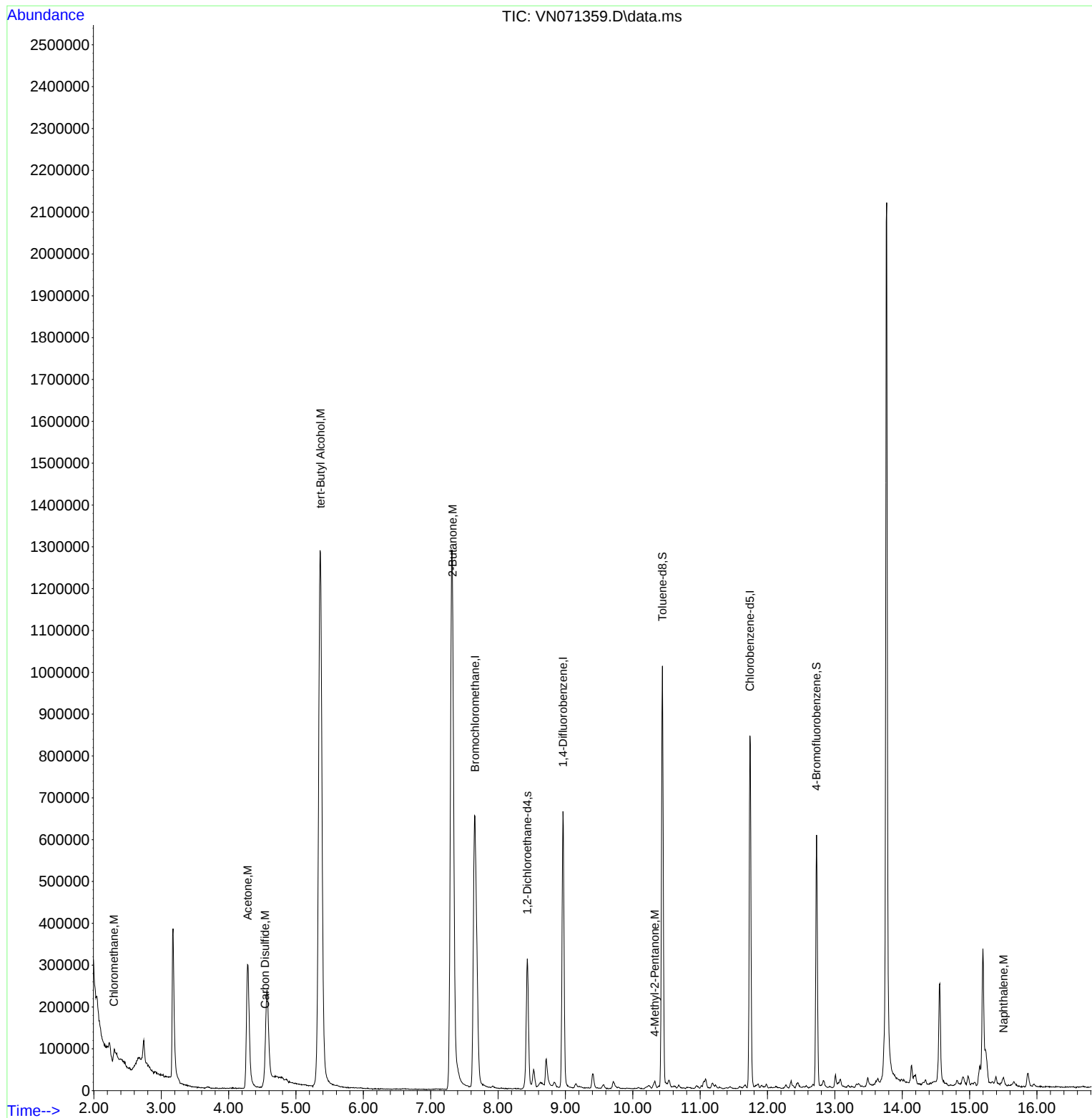
Internal Standards						
1) Bromochloromethane	7.657	128	96347	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	564071	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	492019	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	249309	32.592	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 108.633%	
60) 4-Bromofluorobenzene	12.727	95	209732	27.592	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 91.967%	
63) Toluene-d8	10.439	98	686209	30.318	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.067%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	5458	0.657	ug/l	96
15) Acetone	4.281	58	174975	151.450	ug/l	96
16) Carbon Disulfide	4.540	76	56848	3.816	ug/l	98
23) tert-Butyl Alcohol	5.363	59	2552093	1569.866	ug/l #	100
30) 2-Butanone	7.328	43	989409	153.927	ug/l	92
58) 4-Methyl-2-Pentanone	10.328	43	14314	1.212	ug/l #	84
91) Naphthalene	15.504	128	17813	1.118	ug/l #	91

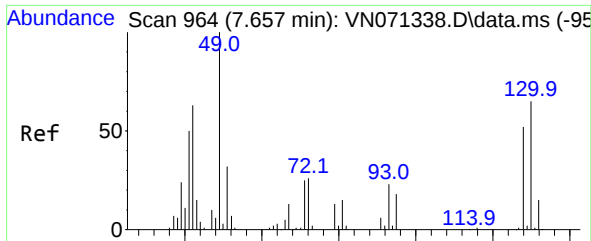
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
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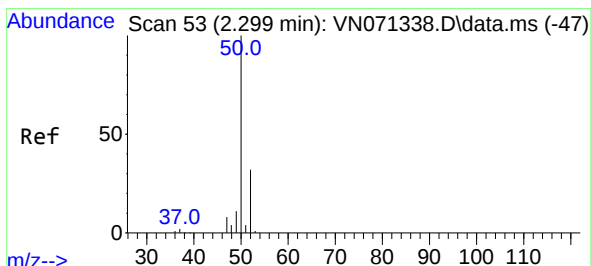
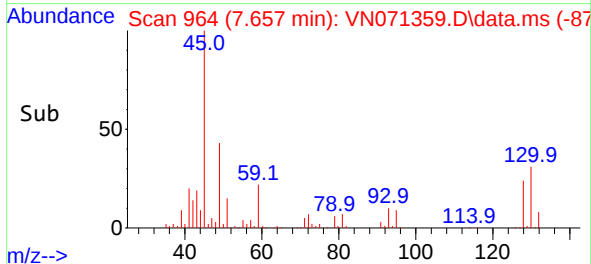
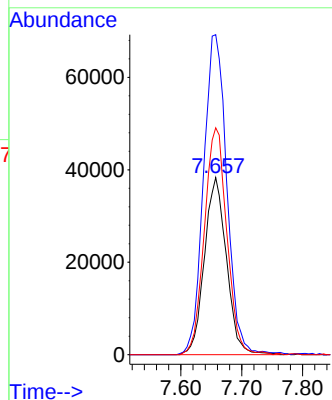
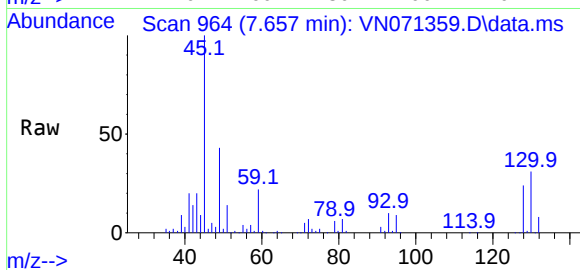




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN071359.D
Acq: 17 Mar 2022 18:22

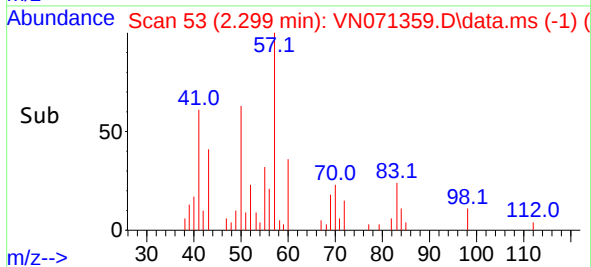
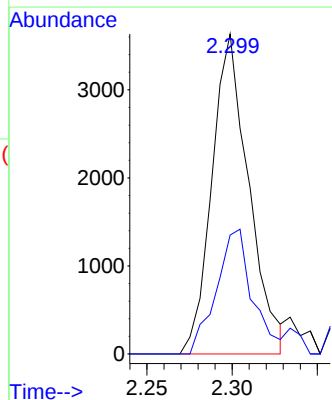
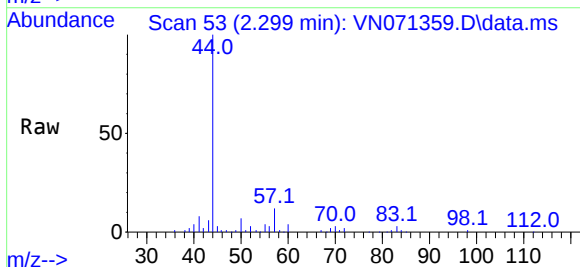
Instrument :
MSVOA_N
ClientSampleId :
220316043-02-VOA

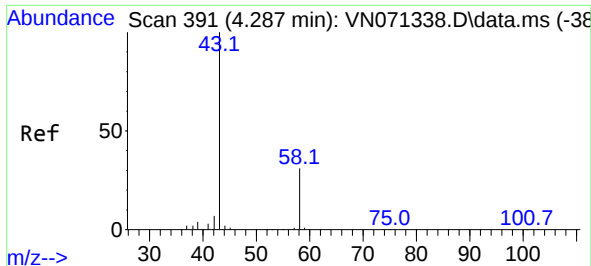
Tgt Ion:	128	Resp:	96347
Ion	Ratio	Lower	Upper
128	100		
49	189.2	0.0	392.3
130	129.9	0.0	320.2



#3
Chloromethane
Concen: 0.657 ug/l
RT: 2.299 min Scan# 53
Delta R.T. 0.000 min
Lab File: VN071359.D
Acq: 17 Mar 2022 18:22

Tgt Ion:	50	Resp:	5458
Ion	Ratio	Lower	Upper
50	100		
52	37.2	27.8	41.6

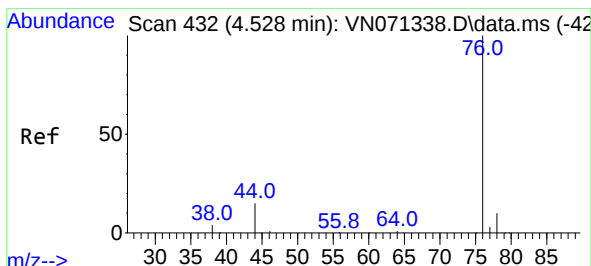
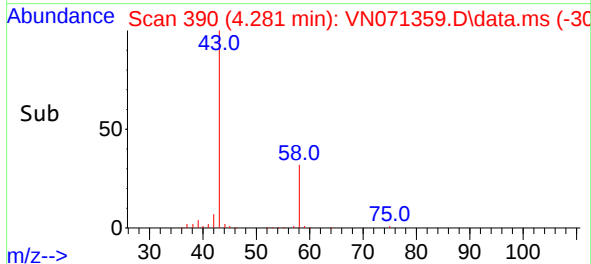
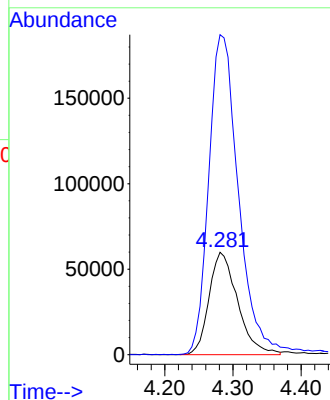
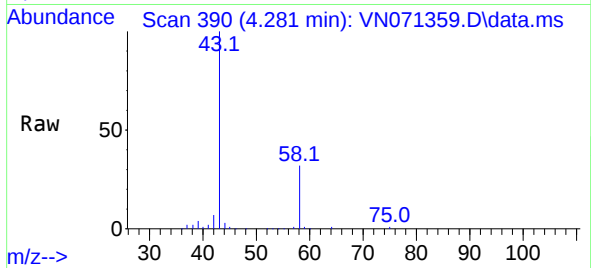




#15
Acetone
Concen: 151.450 ug/l
RT: 4.281 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN071359.D
Acq: 17 Mar 2022 18:22

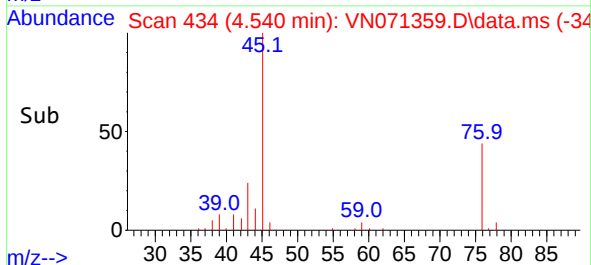
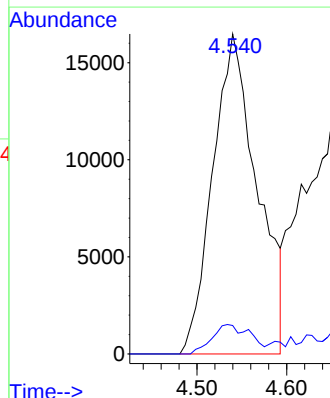
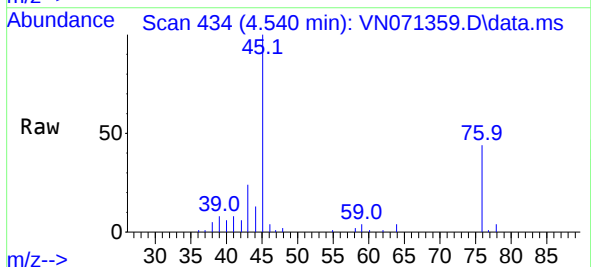
Instrument :
MSVOA_N
ClientSampleId :
220316043-02-VOA

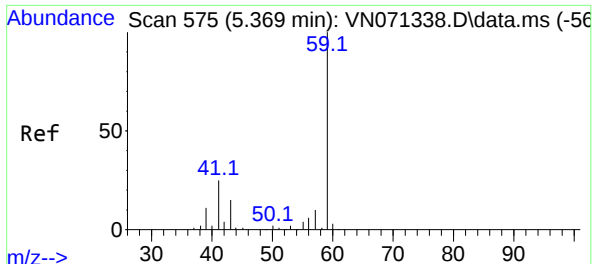
Tgt Ion: 58 Resp: 174975
Ion Ratio Lower Upper
58 100
43 312.4 256.6 384.8



#16
Carbon Disulfide
Concen: 3.816 ug/l
RT: 4.540 min Scan# 434
Delta R.T. 0.012 min
Lab File: VN071359.D
Acq: 17 Mar 2022 18:22

Tgt Ion: 76 Resp: 56848
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8

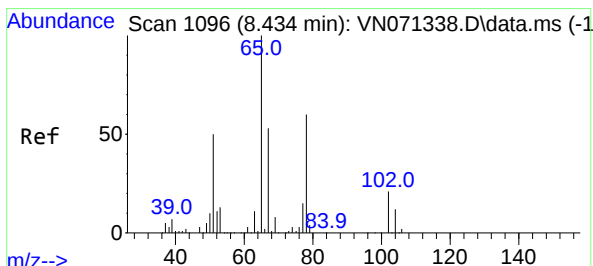
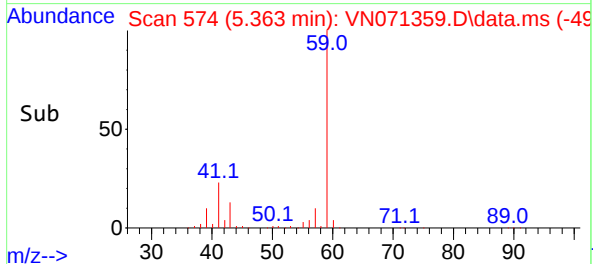
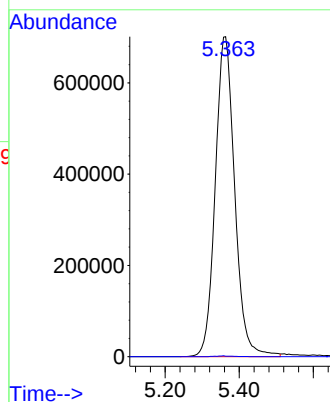
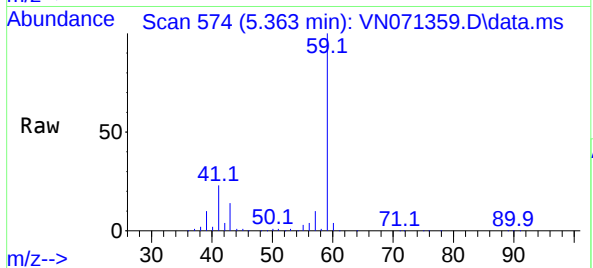




#23
tert-Butyl Alcohol
Concen: 1569.866 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071359.D
Acq: 17 Mar 2022 18:22

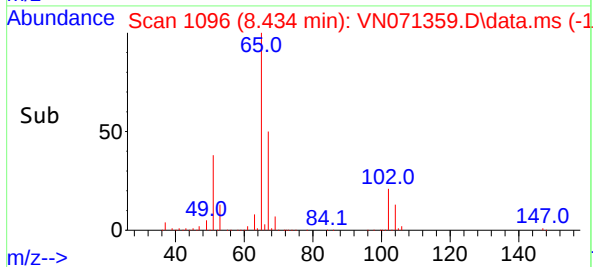
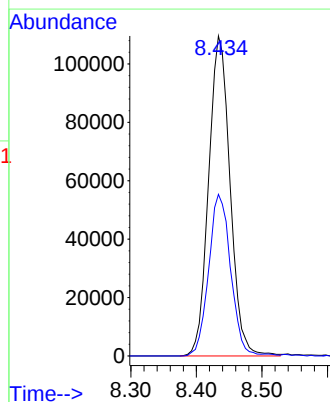
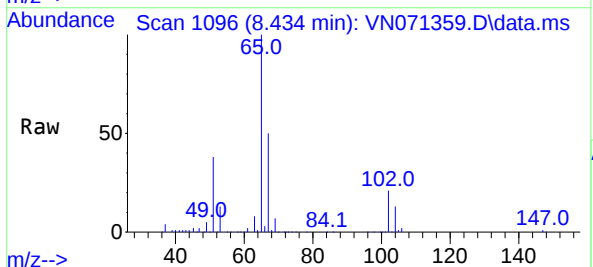
Instrument :
MSVOA_N
ClientSampleId :
220316043-02-VOA

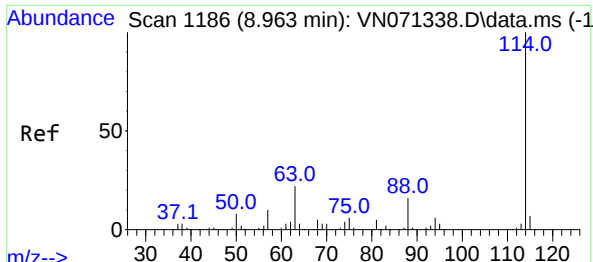
Tgt Ion: 59 Resp: 2552093
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#27
1,2-Dichloroethane-d4
Concen: 32.592 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071359.D
Acq: 17 Mar 2022 18:22

Tgt Ion: 65 Resp: 249309
Ion Ratio Lower Upper
65 100
67 51.5 40.2 60.2

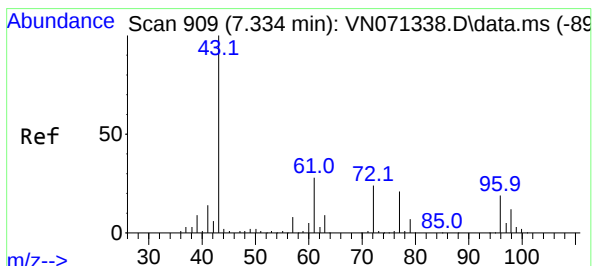
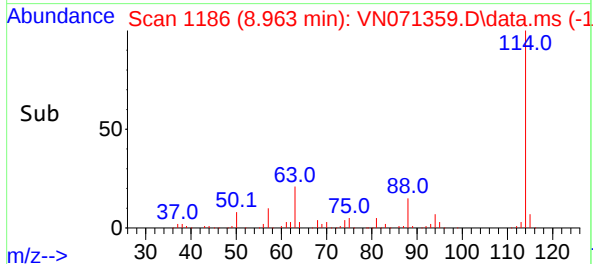
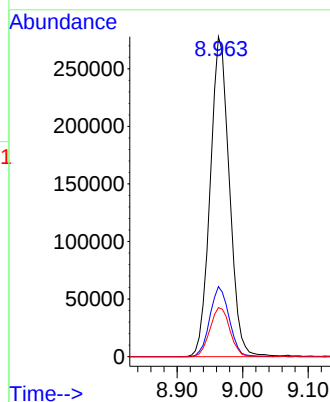
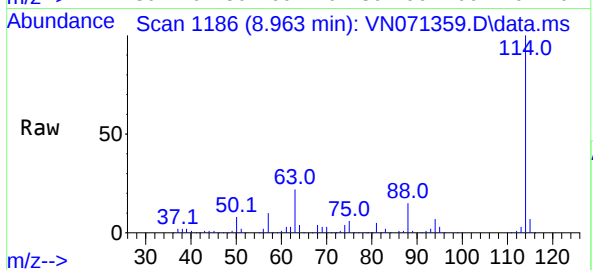




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071359.D
Acq: 17 Mar 2022 18:22

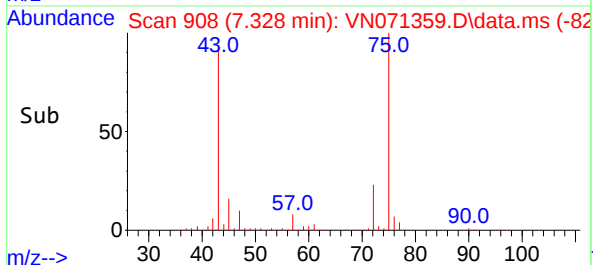
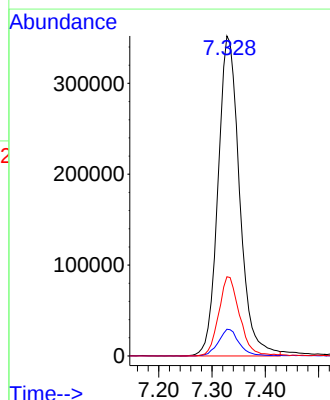
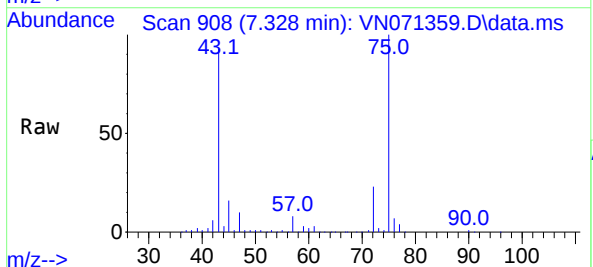
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ClientSampleId :
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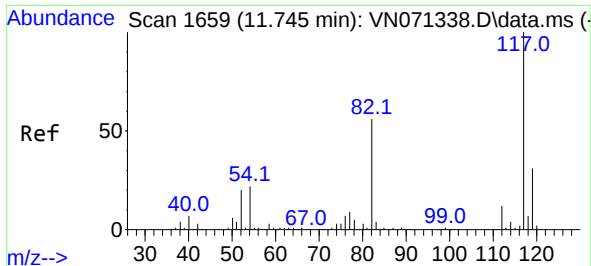
Tgt Ion:114 Resp: 564071
Ion Ratio Lower Upper
114 100
63 22.1 15.8 23.6
88 15.9 11.6 17.4



#30
2-Butanone
Concen: 153.927 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071359.D
Acq: 17 Mar 2022 18:22

Tgt Ion: 43 Resp: 989409
Ion Ratio Lower Upper
43 100
57 8.1 6.7 10.1
72 23.7 23.2 34.8

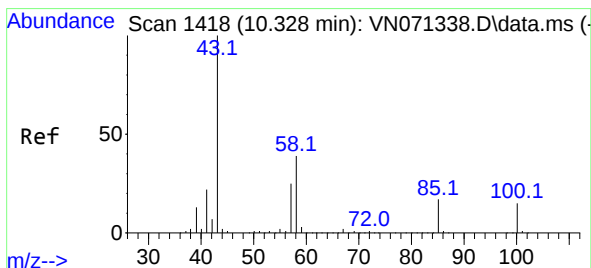
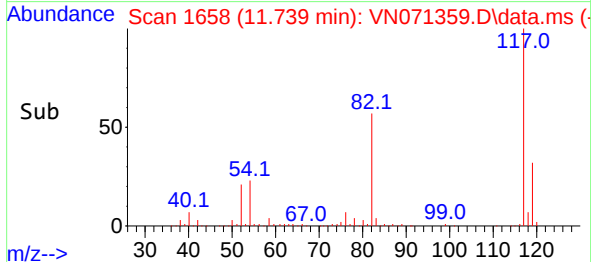
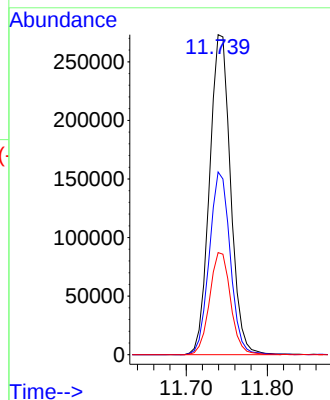
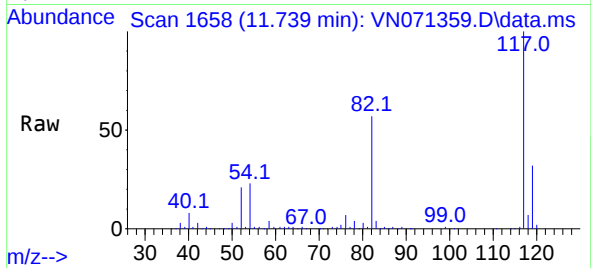




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN071359.D
Acq: 17 Mar 2022 18:22

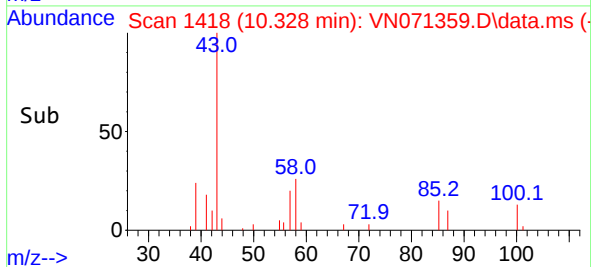
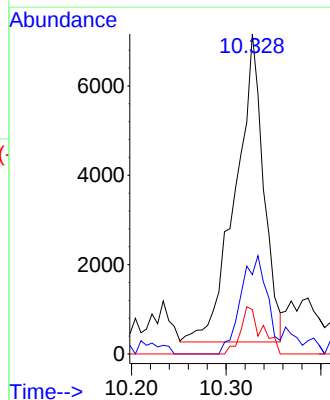
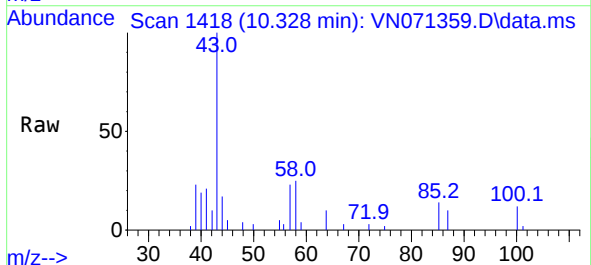
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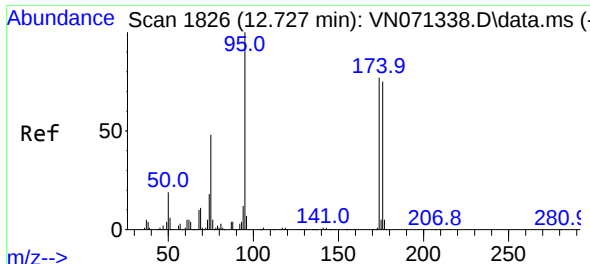
Tgt Ion:117 Resp: 492019
Ion Ratio Lower Upper
117 100
82 56.8 43.6 65.4
119 31.9 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 1.212 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071359.D
Acq: 17 Mar 2022 18:22

Tgt Ion: 43 Resp: 14314
Ion Ratio Lower Upper
43 100
58 30.0 30.0 45.0#
85 8.2 15.0 22.6#

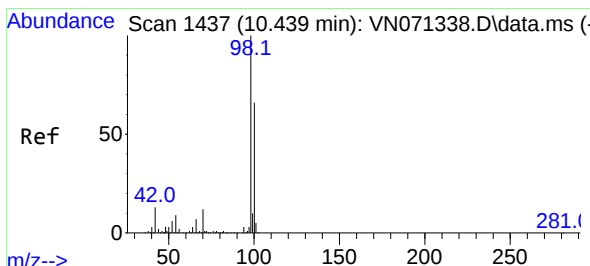
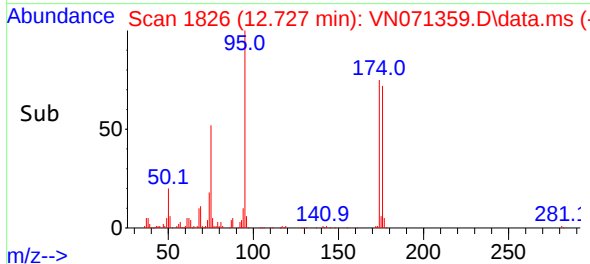
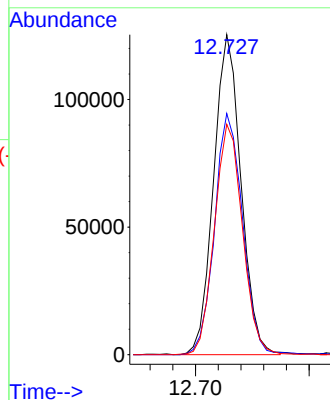
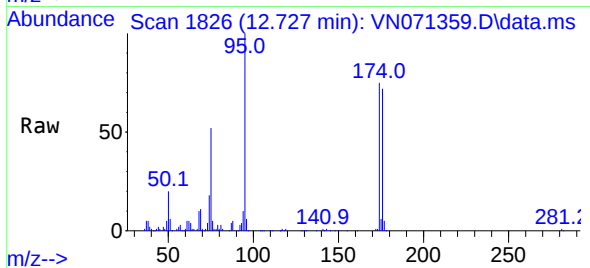




#60
4-Bromofluorobenzene
Concen: 27.592 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071359.D
Acq: 17 Mar 2022 18:22

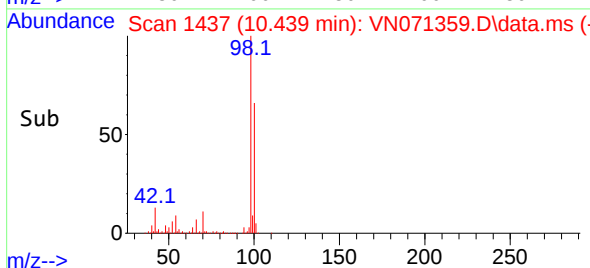
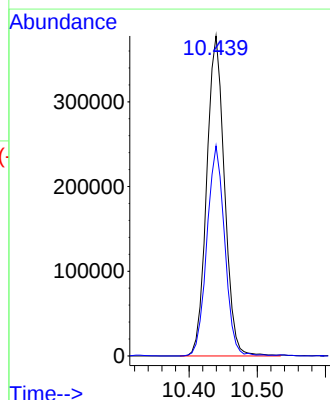
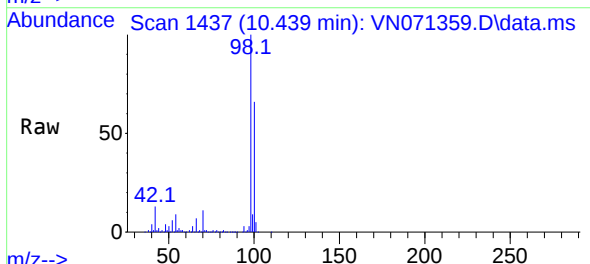
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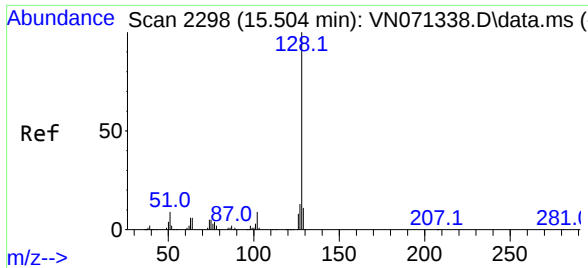
Tgt Ion: 95 Resp: 209732
Ion Ratio Lower Upper
95 100
174 77.2 62.9 94.3
176 73.8 61.0 91.4



#63
Toluene-d8
Concen: 30.318 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071359.D
Acq: 17 Mar 2022 18:22

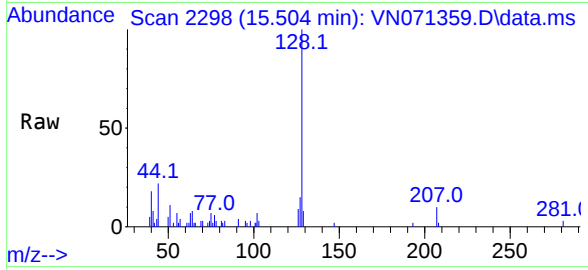
Tgt Ion: 98 Resp: 686209
Ion Ratio Lower Upper
98 100
100 65.2 50.6 76.0





#91
Naphthalene
Concen: 1.118 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071359.D
Acq: 17 Mar 2022 18:22

Instrument :
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ClientSampleId :
220316043-02-VOA



Tgt Ion:	128	Resp:	17813
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.7	16.1
129	4.5	9.0	13.6#

