

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071349.D
 Acq On : 17 Mar 2022 13:55
 Operator : JC\MD
 Sample : N1891-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OF-1

Quant Time: Mar 21 02:48:03 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)

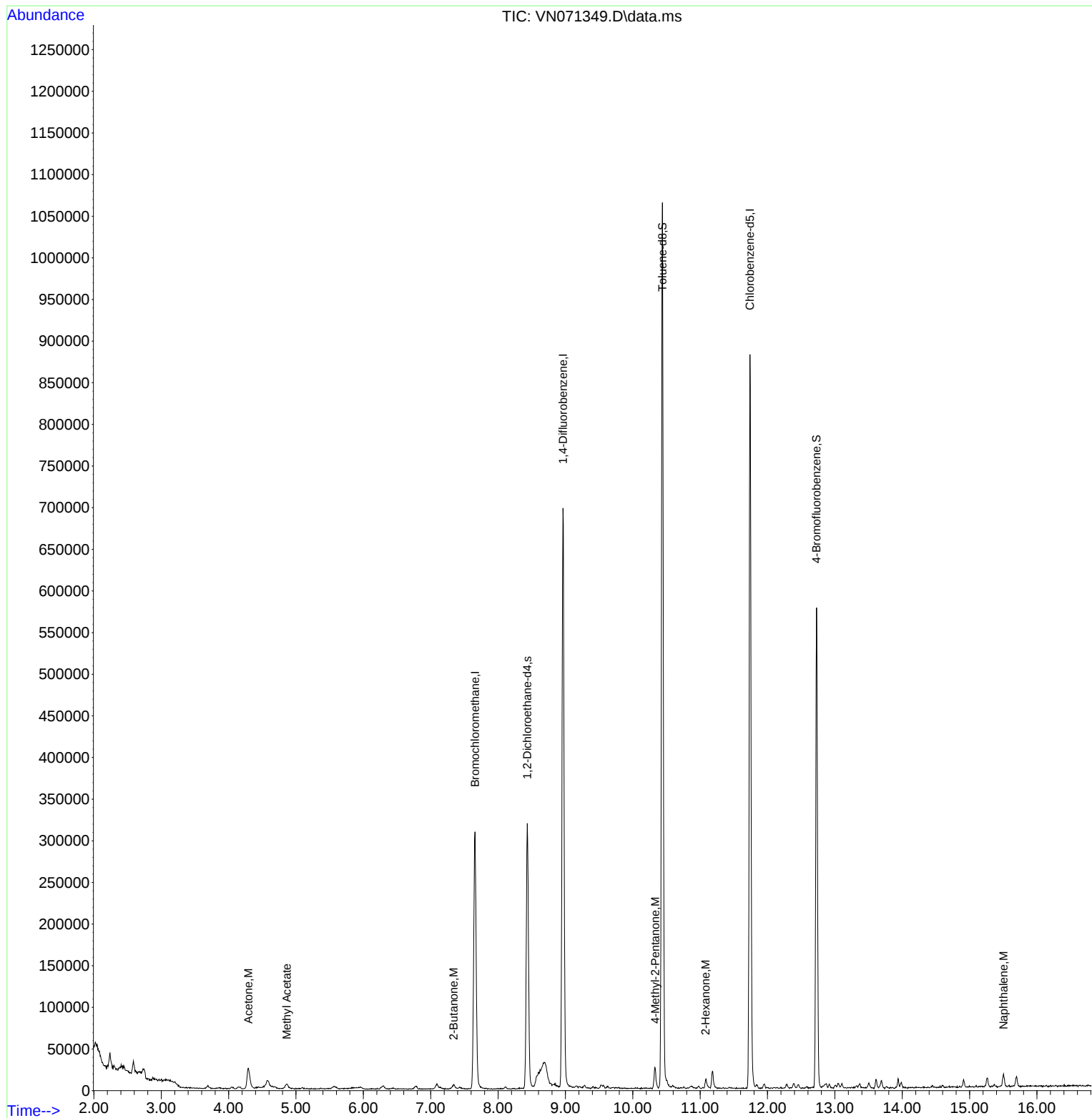
Internal Standards						
1) Bromochloromethane	7.657	128	108746	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	611740	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	516911	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	261901	30.334	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.100%
60) 4-Bromofluorobenzene	12.727	95	206852	25.902	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.333%
63) Toluene-d8	10.439	98	735410	30.927	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.100%
Target Compounds						
					Qvalue	
12) Methyl Acetate	4.863	43	12089	1.016	ug/l #	78
15) Acetone	4.293	58	14166	10.863	ug/l	84
30) 2-Butanone	7.340	43	9184	1.317	ug/l #	60
58) 4-Methyl-2-Pentanone	10.334	43	19765	1.592	ug/l #	93
59) 2-Hexanone	11.081	43	7986	0.866	ug/l #	86
91) Naphthalene	15.504	128	14957	0.893	ug/l #	91

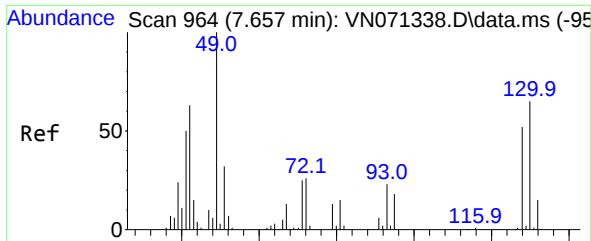
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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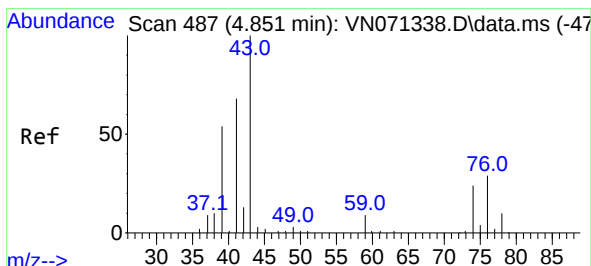
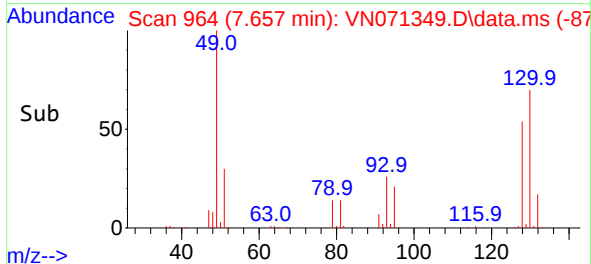
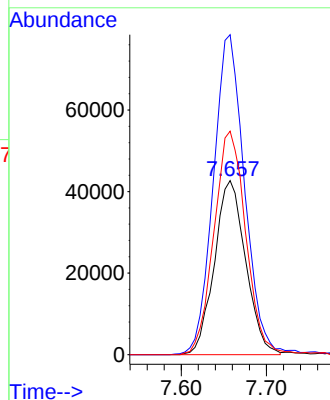
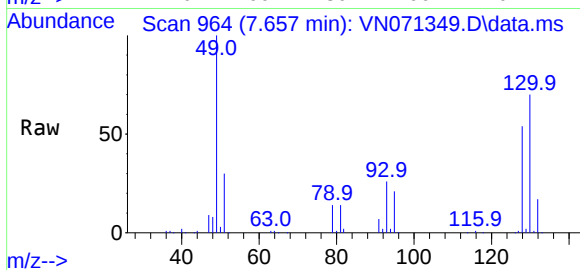




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071349.D
Acq: 17 Mar 2022 13:55

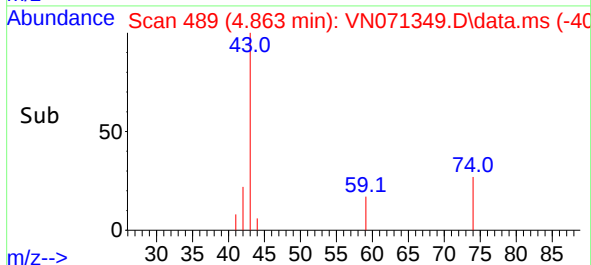
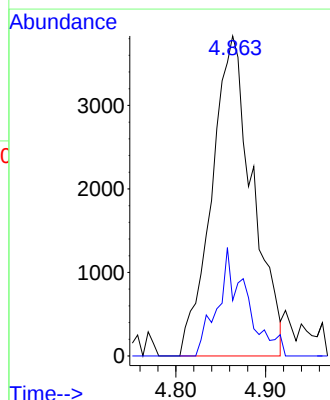
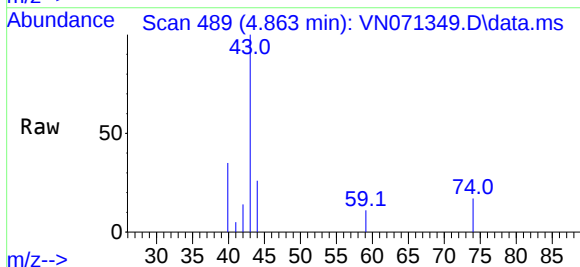
Instrument :
MSVOA_N
ClientSampleId :
OF-1

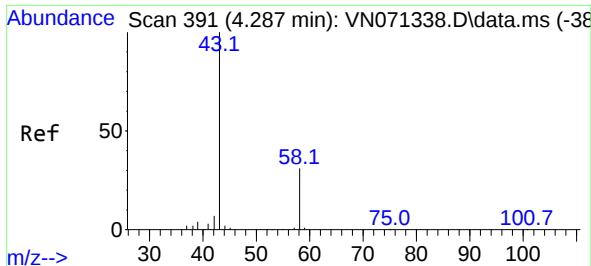
Tgt Ion:128 Resp: 108746
Ion Ratio Lower Upper
128 100
49 182.9 0.0 392.3
130 131.0 0.0 320.2



#12
Methyl Acetate
Concen: 1.016 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN071349.D
Acq: 17 Mar 2022 13:55

Tgt Ion: 43 Resp: 12089
Ion Ratio Lower Upper
43 100
74 14.8 20.8 31.2#

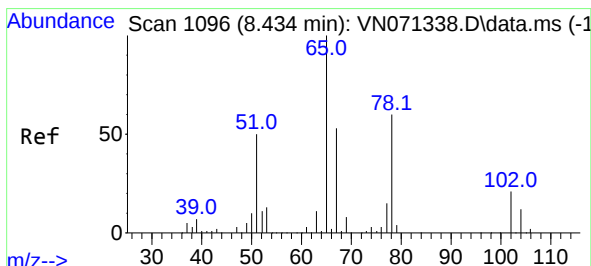
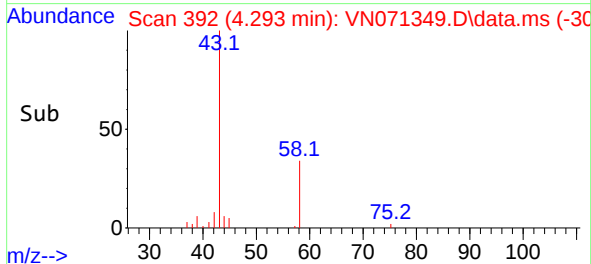
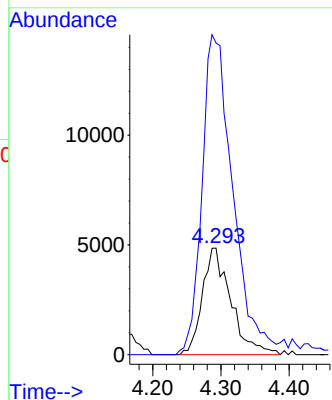
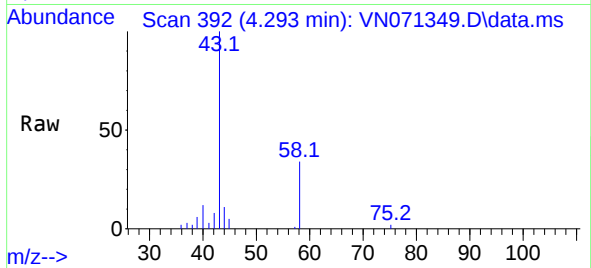




#15
Acetone
Concen: 10.863 ug/l
RT: 4.293 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071349.D
Acq: 17 Mar 2022 13:55

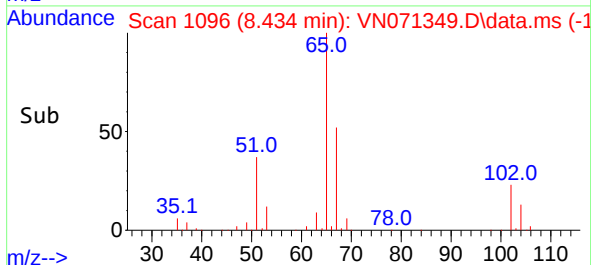
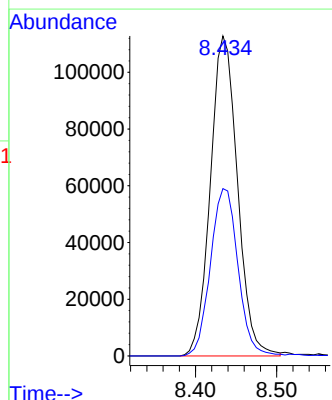
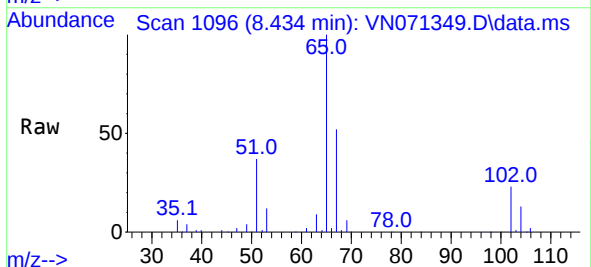
Instrument :
MSVOA_N
ClientSampleId :
OF-1

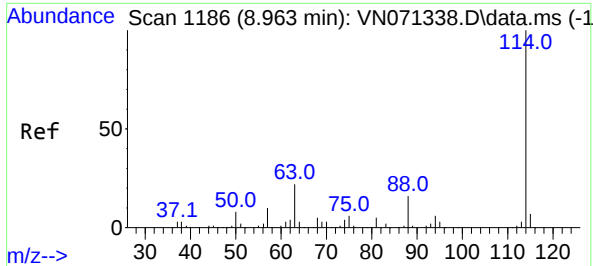
Tgt Ion: 58 Resp: 14166
Ion Ratio Lower Upper
58 100
43 288.5 256.6 384.8



#27
1,2-Dichloroethane-d4
Concen: 30.334 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071349.D
Acq: 17 Mar 2022 13:55

Tgt Ion: 65 Resp: 261901
Ion Ratio Lower Upper
65 100
67 53.0 40.2 60.2

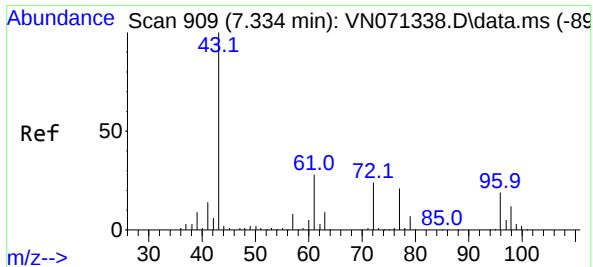
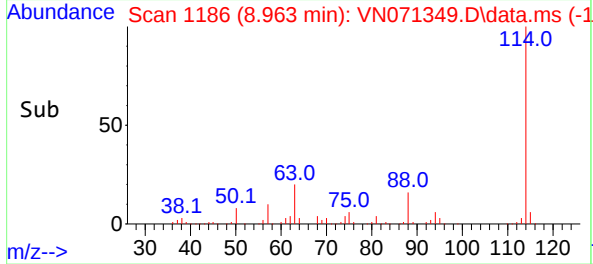
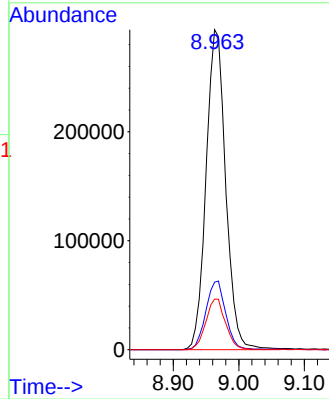
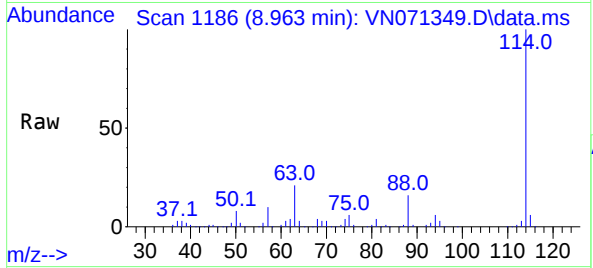




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071349.D
Acq: 17 Mar 2022 13:55

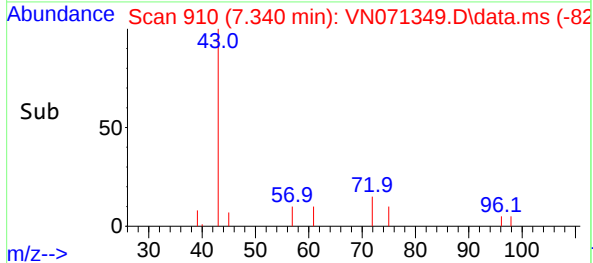
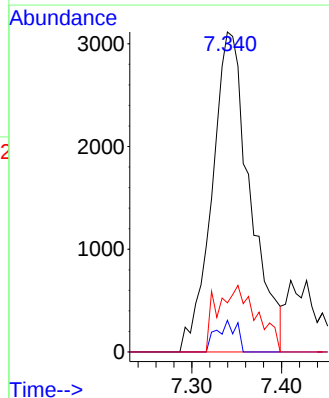
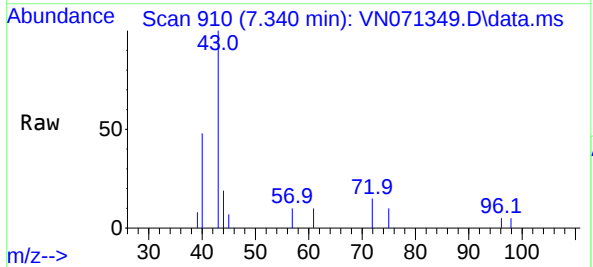
Instrument :
MSVOA_N
ClientSampleId :
OF-1

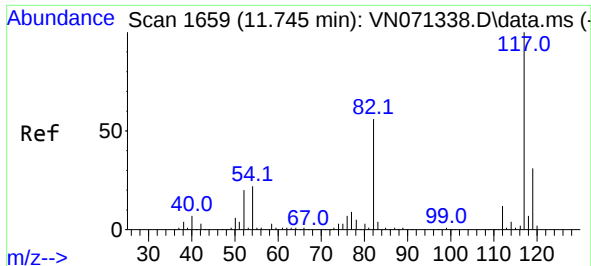
Tgt Ion:114 Resp: 611740
Ion Ratio Lower Upper
114 100
63 21.6 15.8 23.6
88 15.9 11.6 17.4



#30
2-Butanone
Concen: 1.317 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071349.D
Acq: 17 Mar 2022 13:55

Tgt Ion: 43 Resp: 9184
Ion Ratio Lower Upper
43 100
57 3.0 6.7 10.1#
72 3.9 23.2 34.8#

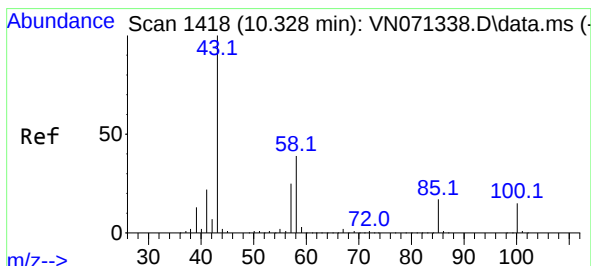
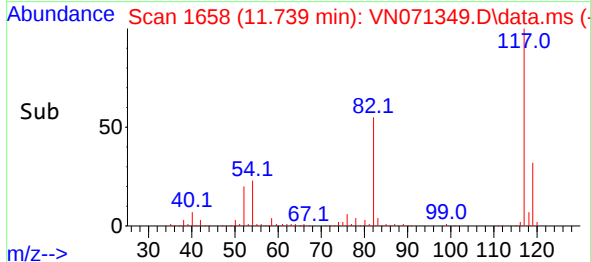
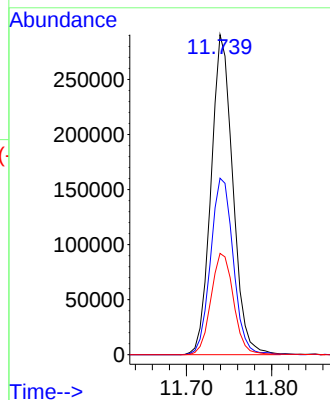
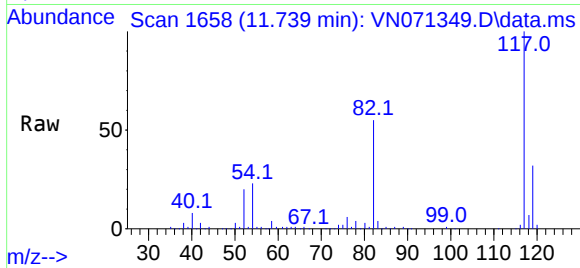




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN071349.D
Acq: 17 Mar 2022 13:55

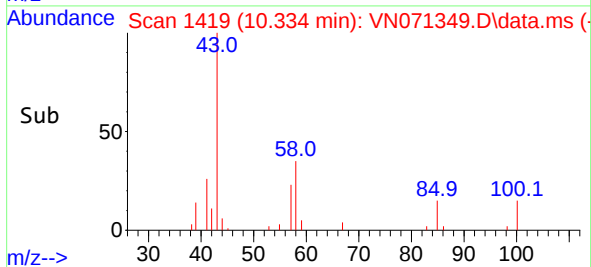
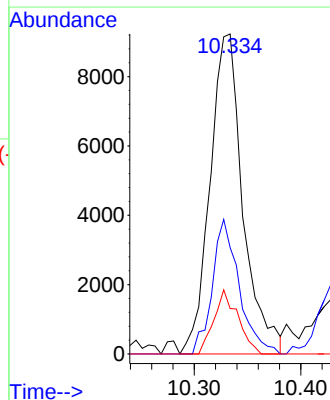
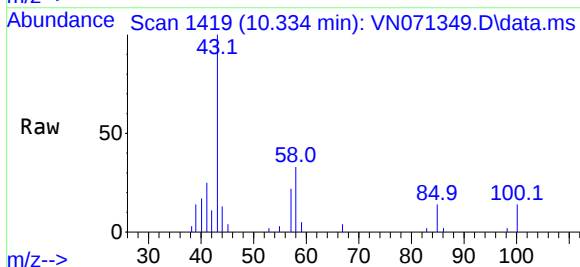
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ClientSampleId :
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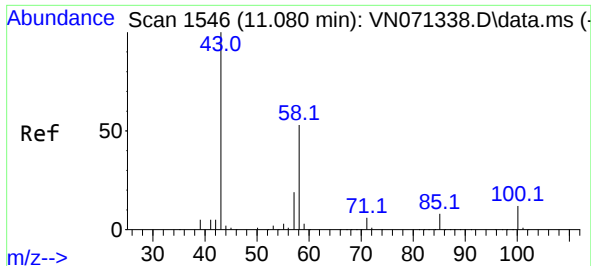
Tgt Ion:117 Resp: 516911
Ion Ratio Lower Upper
117 100
82 57.1 43.6 65.4
119 32.8 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 1.592 ug/l
RT: 10.334 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VN071349.D
Acq: 17 Mar 2022 13:55

Tgt Ion: 43 Resp: 19765
Ion Ratio Lower Upper
43 100
58 34.4 30.0 45.0
85 14.6 15.0 22.6#

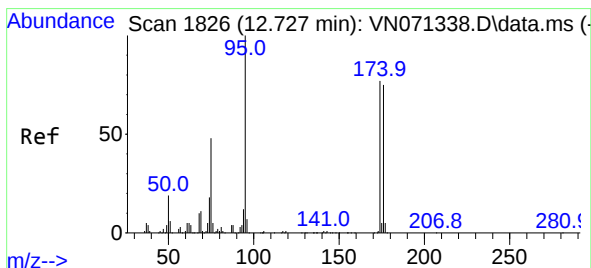
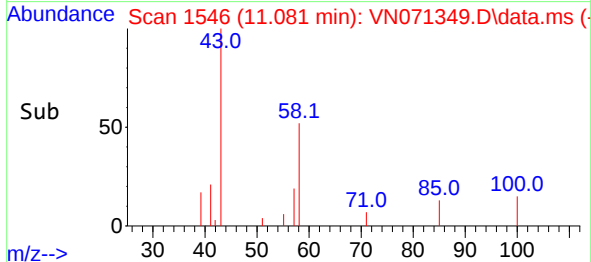
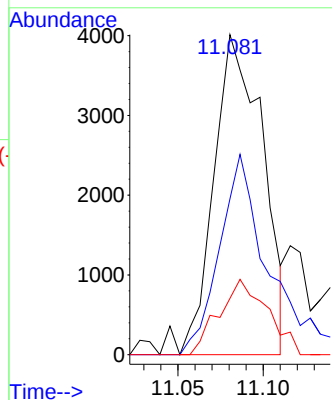
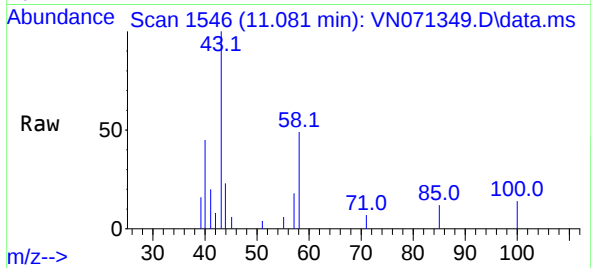




#59
2-Hexanone
Concen: 0.866 ug/l
RT: 11.081 min Scan# 11080
Delta R.T. 0.000 min
Lab File: VN071349.D
Acq: 17 Mar 2022 13:55

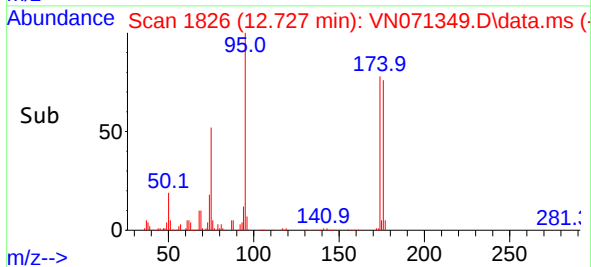
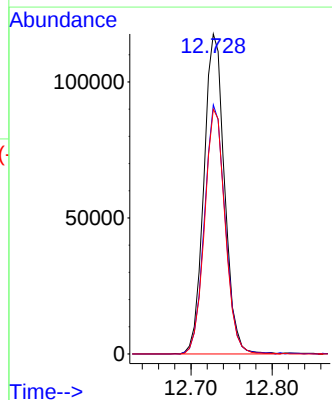
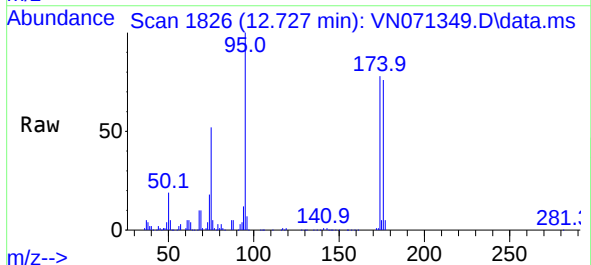
Instrument :
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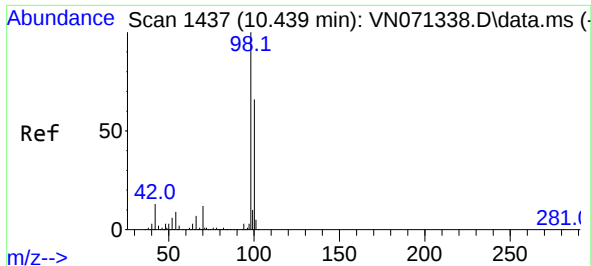
Tgt Ion: 43 Resp: 7986
Ion Ratio Lower Upper
43 100
58 63.4 42.2 63.2#
57 23.4 15.0 22.4#



#60
4-Bromofluorobenzene
Concen: 25.902 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071349.D
Acq: 17 Mar 2022 13:55

Tgt Ion: 95 Resp: 206852
Ion Ratio Lower Upper
95 100
174 78.1 62.9 94.3
176 76.3 61.0 91.4

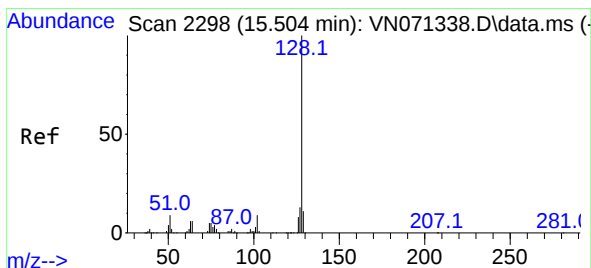
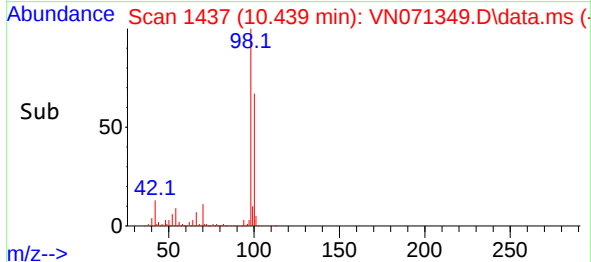
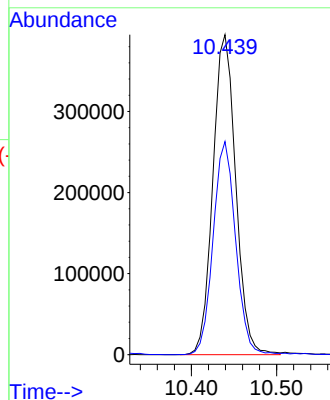
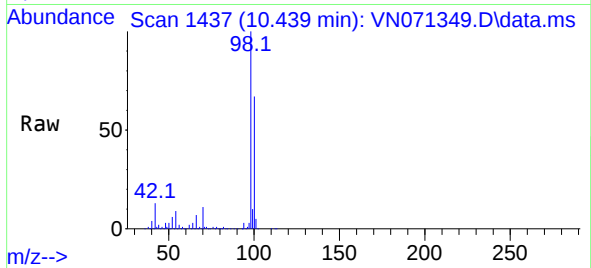




#63
Toluene-d8
Concen: 30.927 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071349.D
Acq: 17 Mar 2022 13:55

Instrument :
MSVOA_N
ClientSampleId :
OF-1

Tgt Ion: 98 Resp: 735410
Ion Ratio Lower Upper
98 100
100 65.4 50.6 76.0



#91
Naphthalene
Concen: 0.893 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN071349.D
Acq: 17 Mar 2022 13:55

Tgt Ion:128 Resp: 14957
Ion Ratio Lower Upper
128 100
127 11.3 10.7 16.1
129 6.1 9.0 13.6#

