

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100821\
 Data File : VN068849.D
 Acq On : 8 Oct 2021 15:19
 Operator : JC/MD
 Sample : VN1008WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBL01

Quant Time: Oct 11 04:52:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 08:56:32 2021
 Response via : Initial Calibration

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

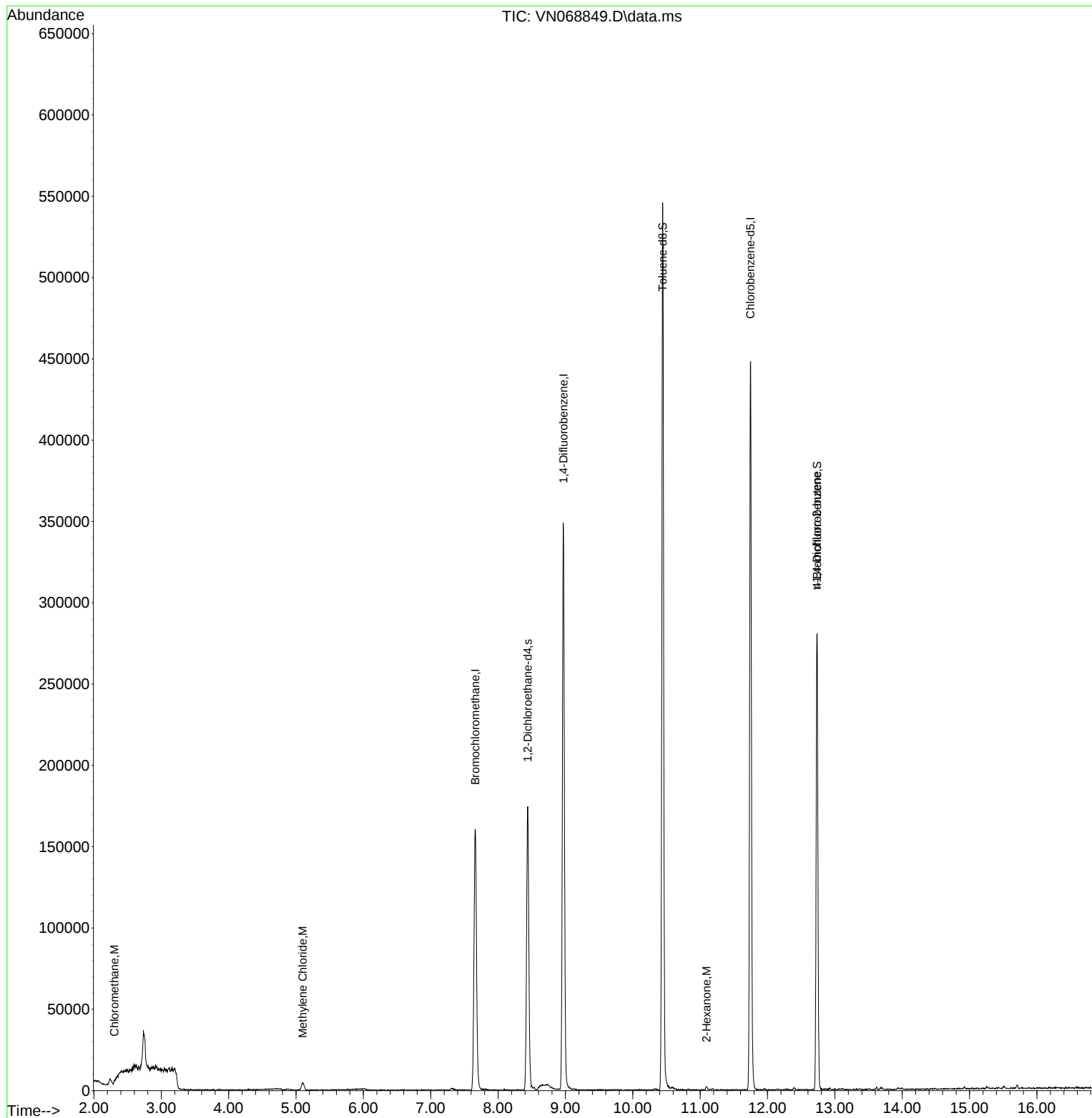
Internal Standards						
1) Bromochloromethane	7.662	128	56285	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	299645	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	260410	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	144173	33.231	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.767%#
60) 4-Bromofluorobenzene	12.736	95	88925	21.859	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	72.867%
63) Toluene-d8	10.443	98	375815	31.928	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	106.433%
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	858	0.269	ug/l	96
18) Methylene Chloride	5.101	84	2230	0.640	ug/l #	85
59) 2-Hexanone	11.095	43	1139	0.356	ug/l #	74
77) t-1,4-Dichloro-2-butene	12.734	75	56097	35.627	ug/l #	8

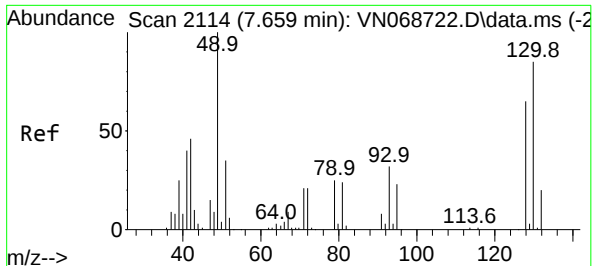
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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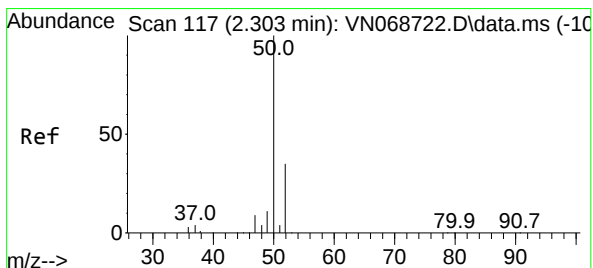
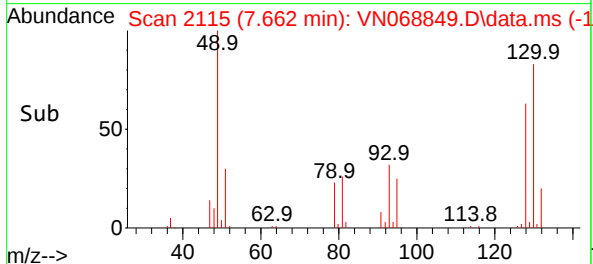
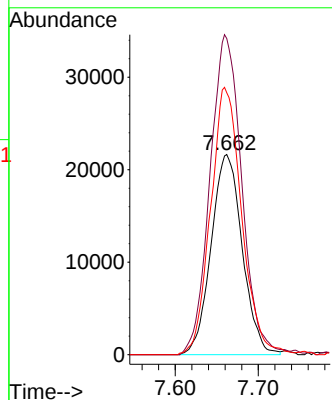
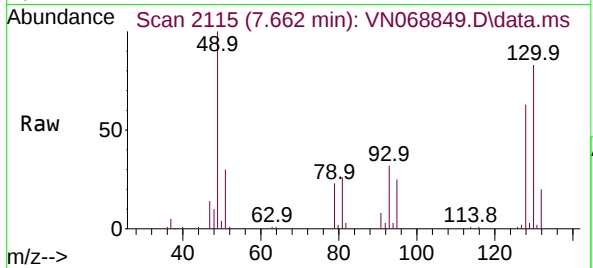




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068849.D
Acq: 8 Oct 2021 15:19

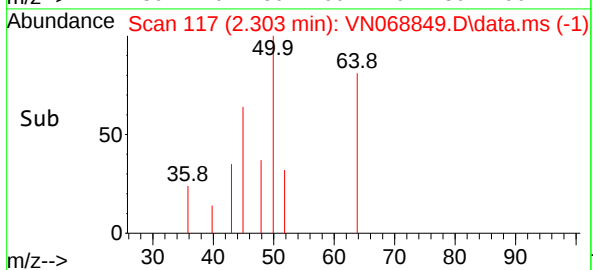
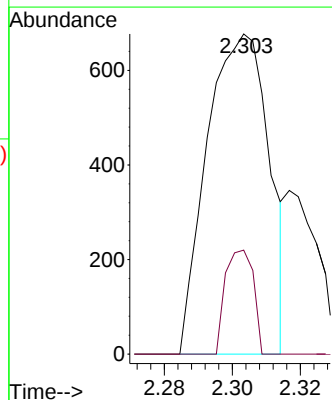
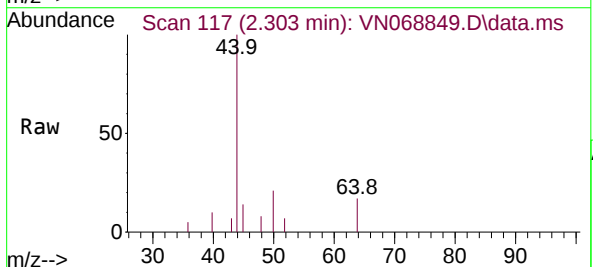
Instrument :
MSVOA_N
ClientSampled :
VN1008WBL01

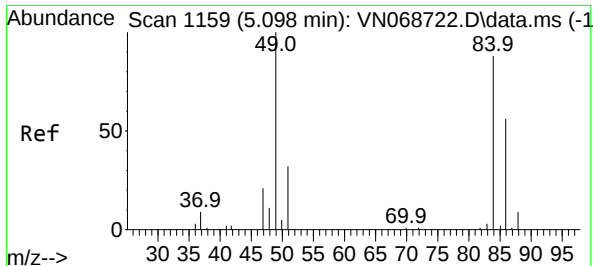
Tgt Ion:128 Resp: 56285
Ion Ratio Lower Upper
128 100
49 162.4 0.0 392.3
130 134.0 0.0 320.2



#3
Chloromethane
Concen: 0.269 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN068849.D
Acq: 8 Oct 2021 15:19

Tgt Ion: 50 Resp: 858
Ion Ratio Lower Upper
50 100
52 32.5 27.8 41.6

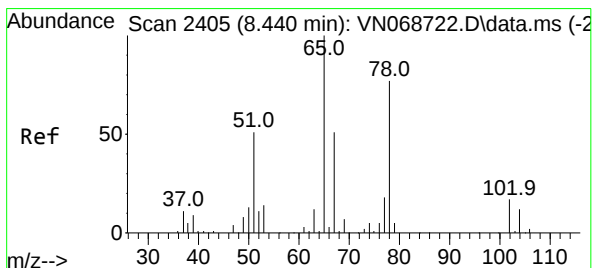
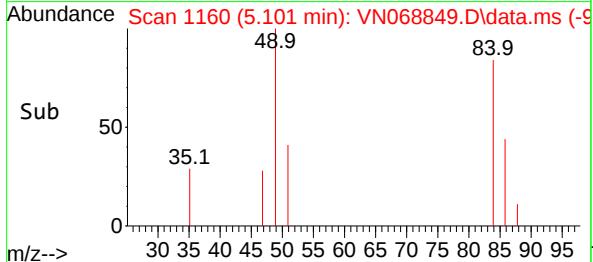
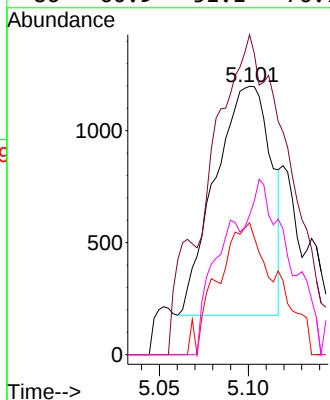
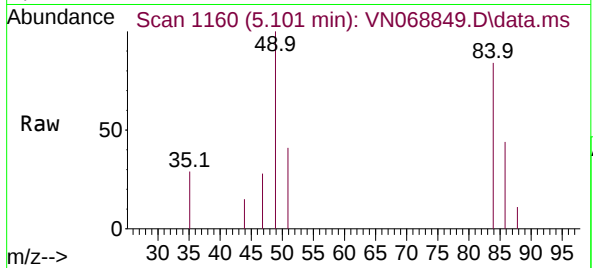




#18
Methylene Chloride
Concen: 0.640 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.003 min
Lab File: VN068849.D
Acq: 8 Oct 2021 15:19

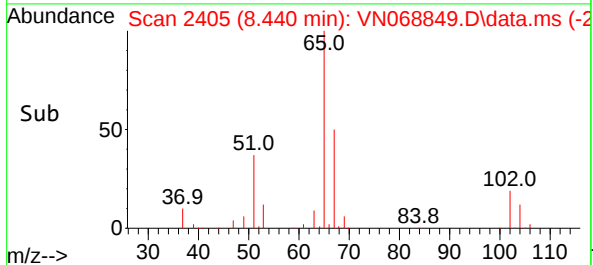
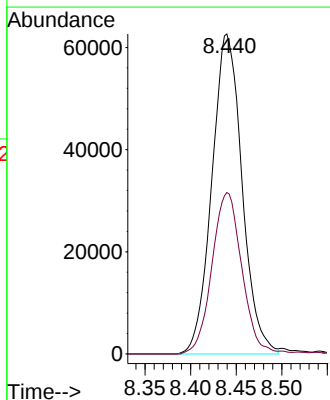
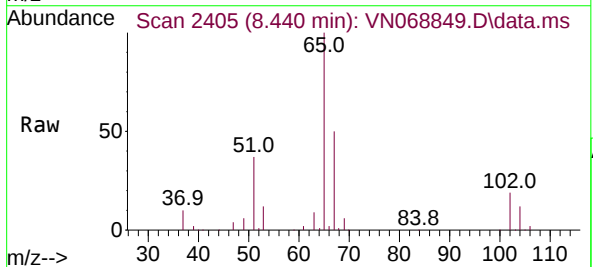
Instrument :
MSVOA_N
ClientSampled :
VN1008WBL01

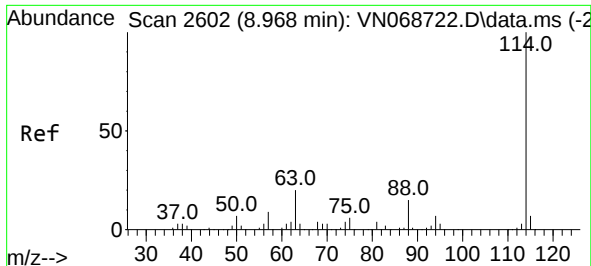
Tgt Ion: 84 Resp: 2230
Ion Ratio Lower Upper
84 100
49 98.2 91.4 137.0
51 57.6 29.4 44.0#
86 60.9 51.1 76.7



#27
1,2-Dichloroethane-d4
Concen: 33.231 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068849.D
Acq: 8 Oct 2021 15:19

Tgt Ion: 65 Resp: 144173
Ion Ratio Lower Upper
65 100
67 49.7 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN068849.D

Acq: 8 Oct 2021 15:19

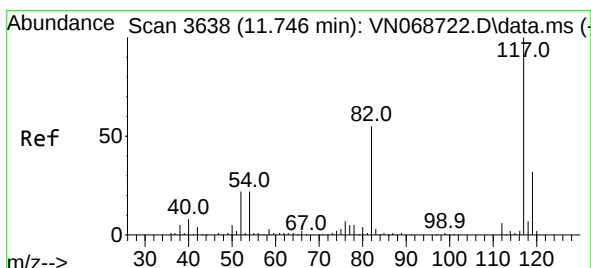
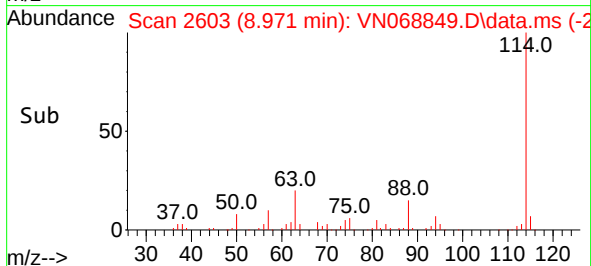
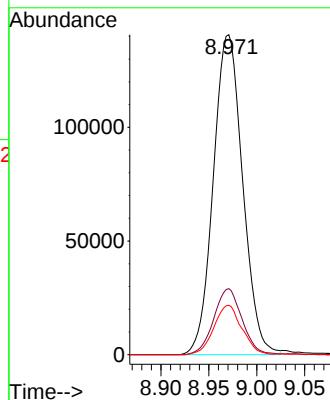
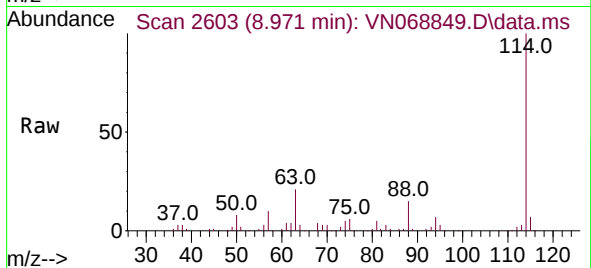
Tgt Ion:114 Resp: 299645

Ion Ratio Lower Upper

114 100

63 19.9 15.8 23.6

88 14.7 11.6 17.4



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.747 min Scan# 3638

Delta R.T. 0.001 min

Lab File: VN068849.D

Acq: 8 Oct 2021 15:19

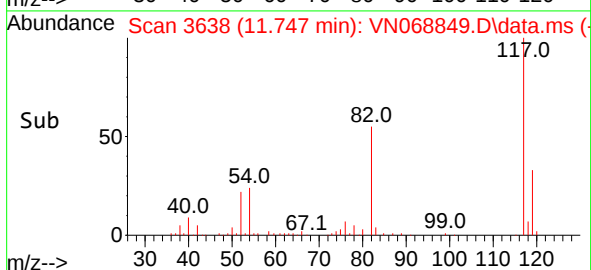
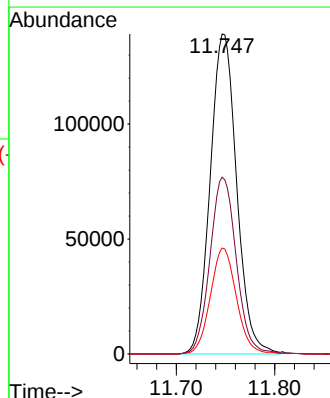
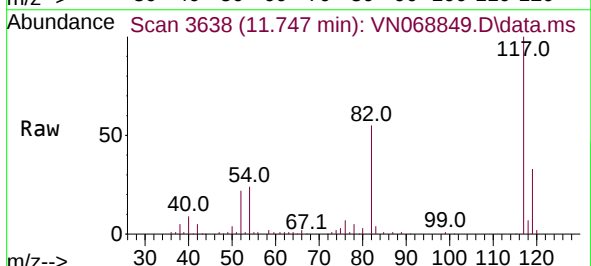
Tgt Ion:117 Resp: 260410

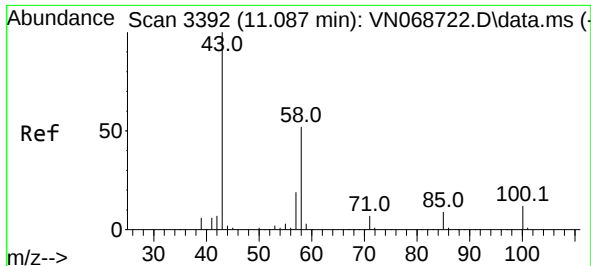
Ion Ratio Lower Upper

117 100

82 55.0 43.6 65.4

119 32.4 25.8 38.6

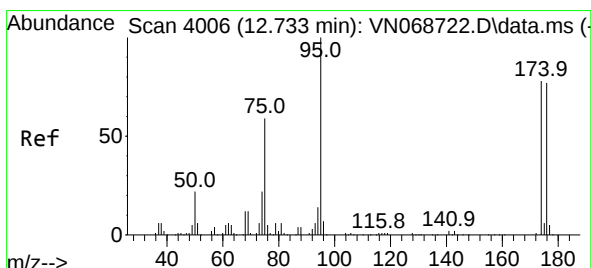
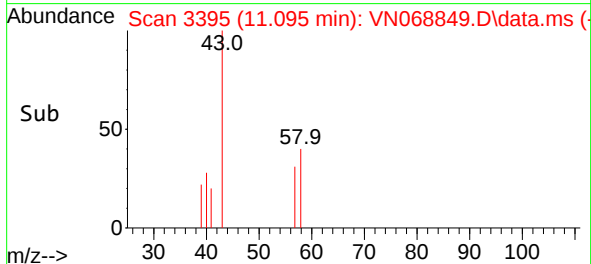
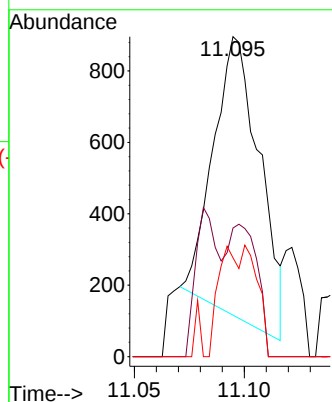
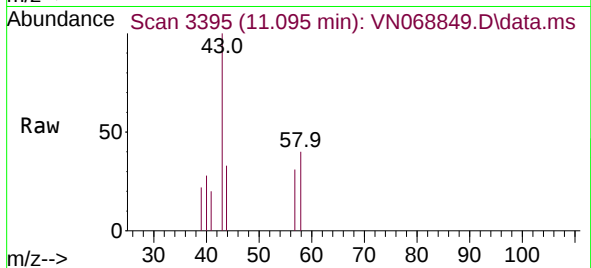




#59
2-Hexanone
Concen: 0.356 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN068849.D
Acq: 8 Oct 2021 15:19

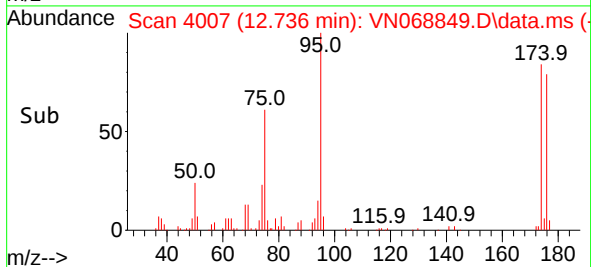
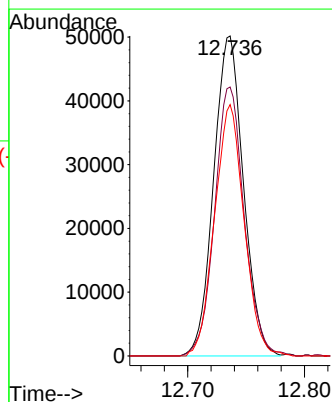
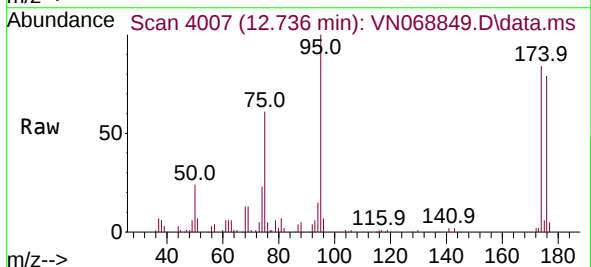
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ClientSampleId :
VN1008WBL01

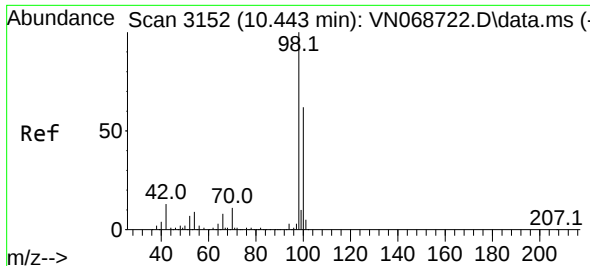
Tgt Ion: 43 Resp: 1139
Ion Ratio Lower Upper
43 100
58 30.7 42.2 63.2#
57 14.0 15.0 22.4#



#60
4-Bromofluorobenzene
Concen: 21.859 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068849.D
Acq: 8 Oct 2021 15:19

Tgt Ion: 95 Resp: 88925
Ion Ratio Lower Upper
95 100
174 83.5 62.9 94.3
176 77.8 61.0 91.4

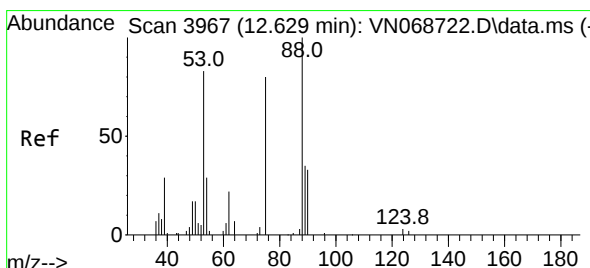
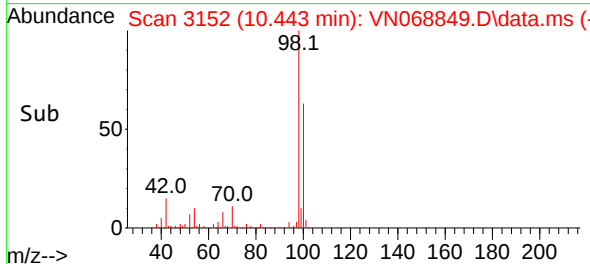
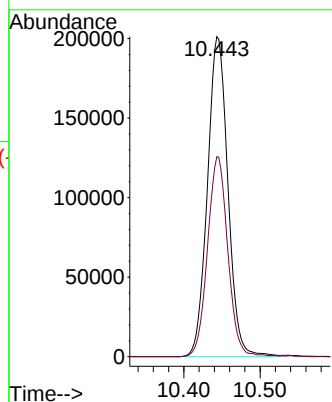
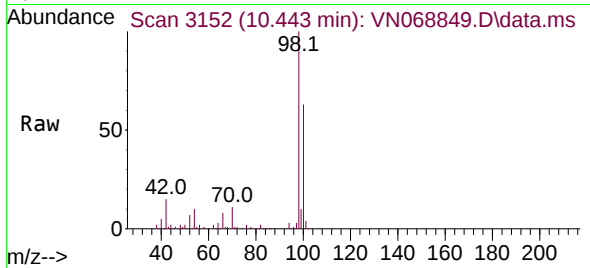




#63
Toluene-d8
Concen: 31.928 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068849.D
Acq: 8 Oct 2021 15:19

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBL01

Tgt Ion: 98 Resp: 375815
Ion Ratio Lower Upper
98 100
100 61.5 50.6 76.0



#77
t-1,4-Dichloro-2-butene
Concen: 35.627 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068849.D
Acq: 8 Oct 2021 15:19

Tgt Ion: 75 Resp: 56097
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#

