

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021023\
 Data File : VN076604.D
 Acq On : 10 Feb 2023 12:57
 Operator : JC\MD
 Sample : VN0210WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210WBL01

Quant Time: Feb 11 00:55:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 10 05:40:47 2023
 Response via : Initial Calibration

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

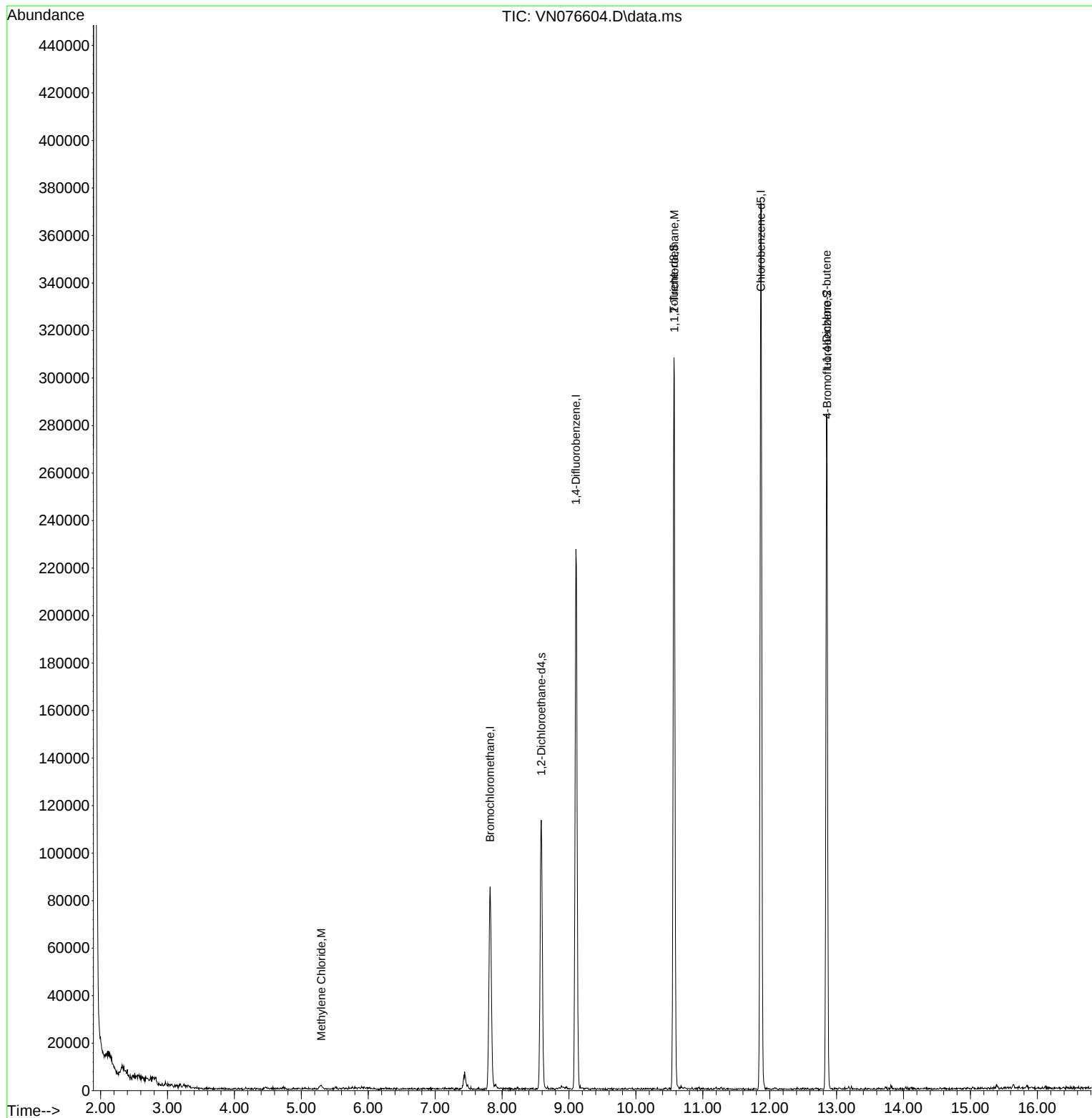
Internal Standards						
1) Bromochloromethane	7.822	128	25517	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.104	114	180078	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.869	117	186935	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.586	65	97567	32.441	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.133%
60) 4-Bromofluorobenzene	12.857	95	97035	22.993	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	76.633%
63) Toluene-d8	10.569	98	198277	28.887	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.300%
Target Compounds						
					Qvalue	
18) Methylene Chloride	5.298	84	902	0.268	ug/l #	38
50) 1,1,2-Trichloroethane	10.575	97	7060	2.312	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.851	75	56402	39.017	ug/l #	15

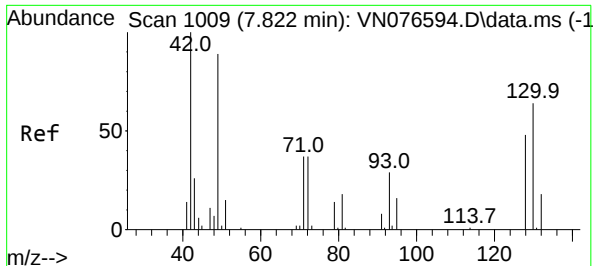
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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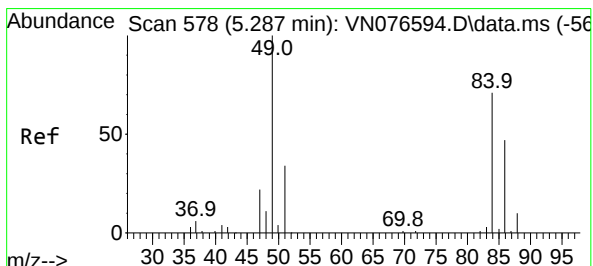
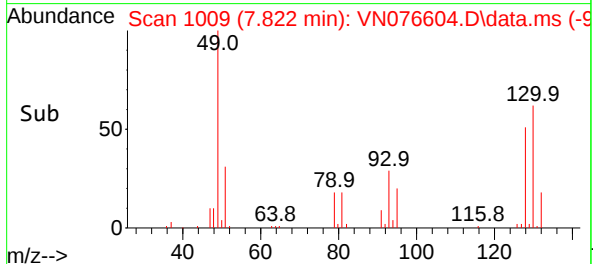
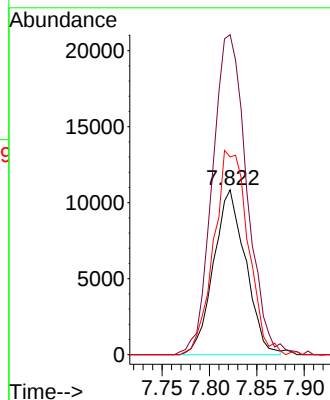
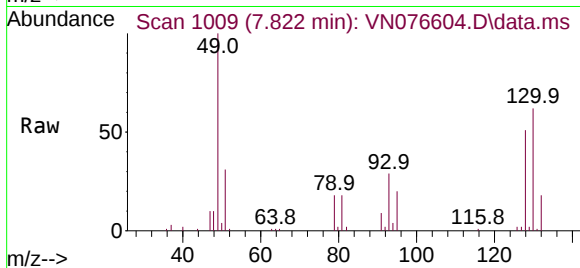




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.822 min Scan# 1009
Delta R.T. -0.008 min
Lab File: VN076604.D
Acq: 10 Feb 2023 12:57

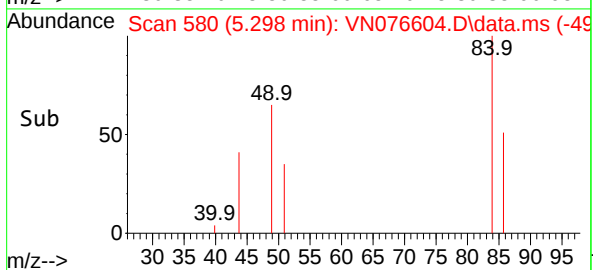
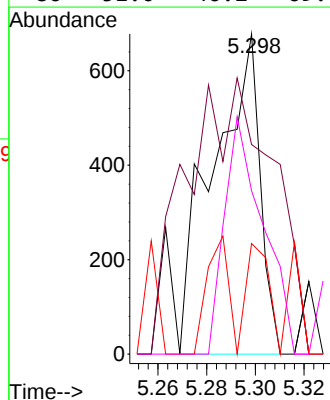
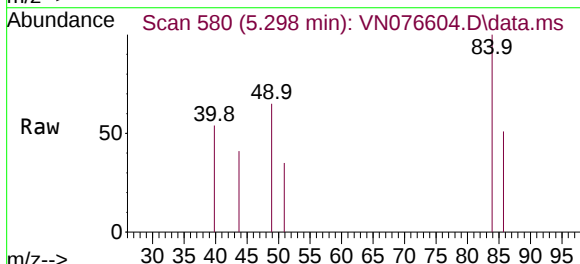
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

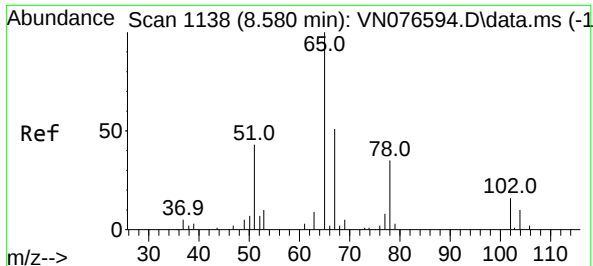
Tgt Ion:128 Resp: 25517
Ion Ratio Lower Upper
128 100
49 209.2 0.0 492.0
130 132.8 0.0 313.3



#18
Methylene Chloride
Concen: 0.268 ug/l
RT: 5.298 min Scan# 580
Delta R.T. -0.002 min
Lab File: VN076604.D
Acq: 10 Feb 2023 12:57

Tgt Ion: 84 Resp: 902
Ion Ratio Lower Upper
84 100
49 6.2 99.6 149.4#
51 34.5 28.2 42.2
86 51.0 46.2 69.4

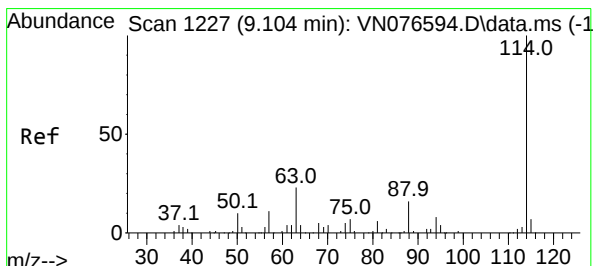
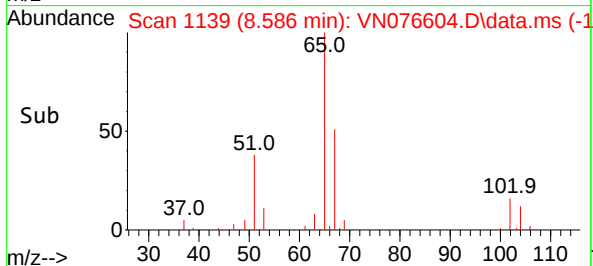
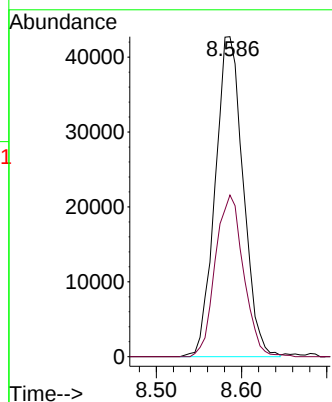
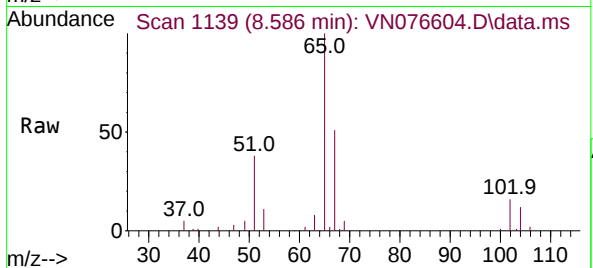




#27
1,2-Dichloroethane-d4
Concen: 32.441 ug/l
RT: 8.586 min Scan# 1138
Delta R.T. -0.002 min
Lab File: VN076604.D
Acq: 10 Feb 2023 12:57

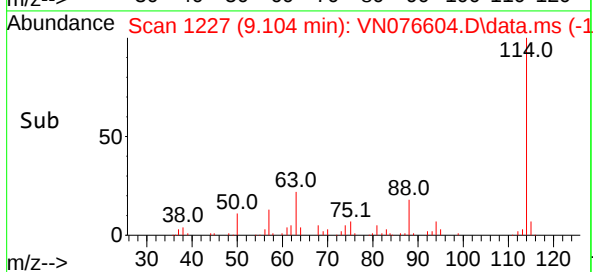
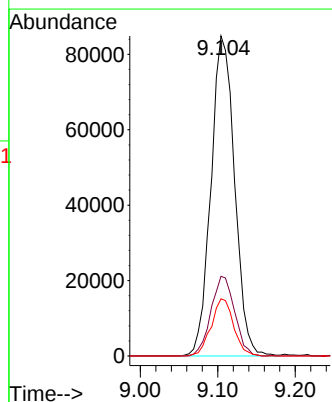
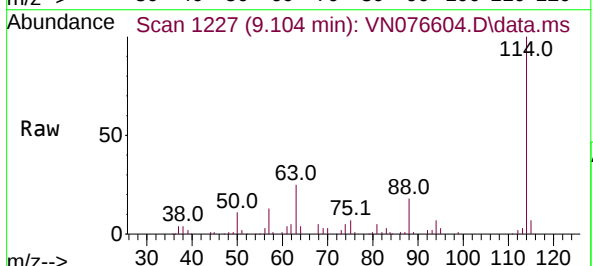
Instrument :
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ClientSampleId :
VN0210WBL01

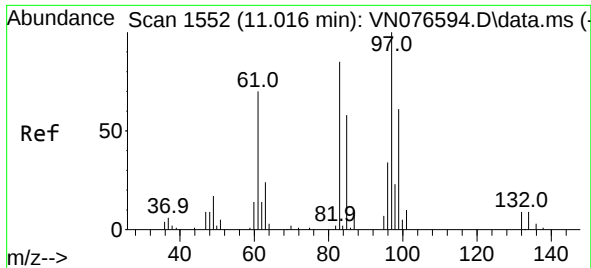
Tgt Ion: 65 Resp: 97567
Ion Ratio Lower Upper
65 100
67 50.8 45.2 67.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.104 min Scan# 1227
Delta R.T. -0.002 min
Lab File: VN076604.D
Acq: 10 Feb 2023 12:57

Tgt Ion: 114 Resp: 180078
Ion Ratio Lower Upper
114 100
63 24.9 16.6 25.0
88 16.9 12.2 18.4

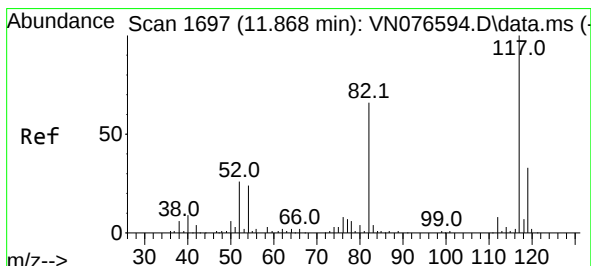
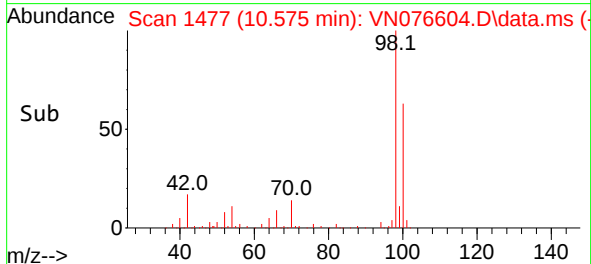
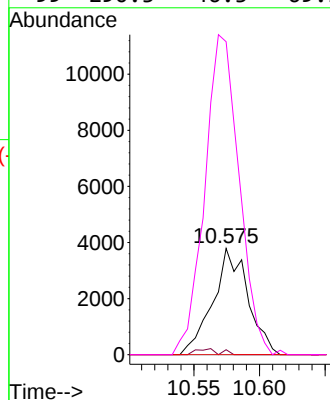
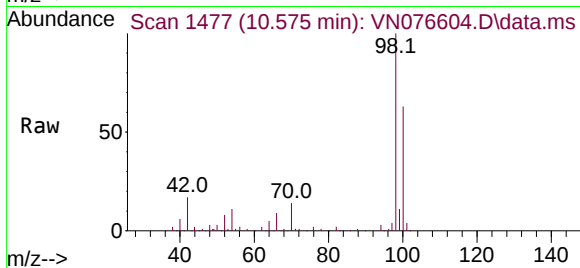




#50
1,1,2-Trichloroethane
Concen: 2.312 ug/l
RT: 10.575 min Scan# 1477
Delta R.T. -0.443 min
Lab File: VN076604.D
Acq: 10 Feb 2023 12:57

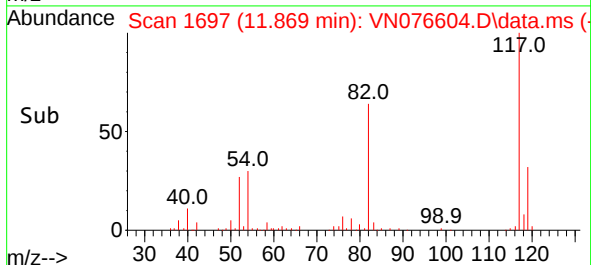
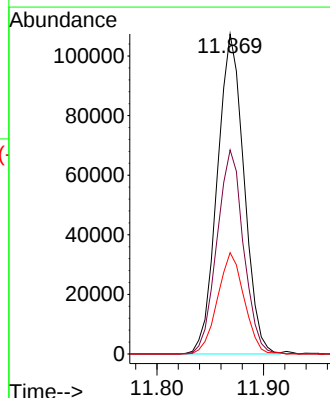
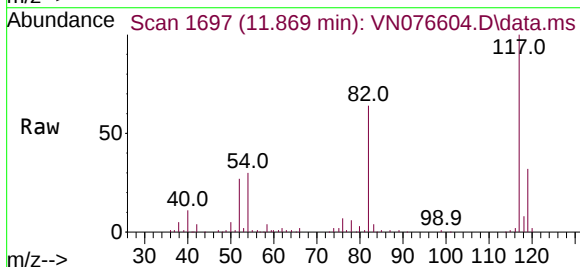
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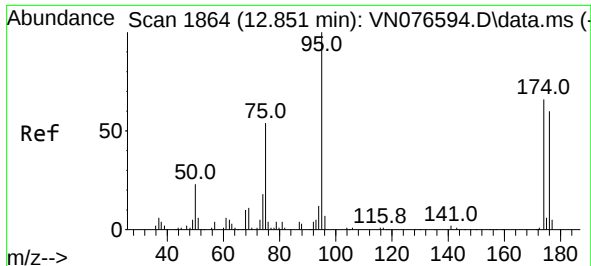
Tgt Ion: 97	Resp:	7060
Ion	Ratio	Lower Upper
97	100	
83	4.7	69.2 103.8#
85	0.0	41.4 62.2#
99	290.3	46.3 69.5#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.869 min Scan# 1697
Delta R.T. -0.002 min
Lab File: VN076604.D
Acq: 10 Feb 2023 12:57

Tgt Ion: 117	Resp:	186935
Ion	Ratio	Lower Upper
117	100	
82	63.5	44.6 67.0
119	31.4	25.6 38.4

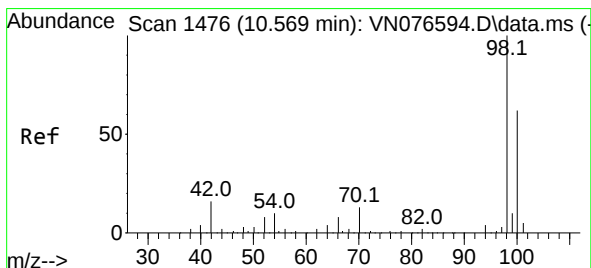
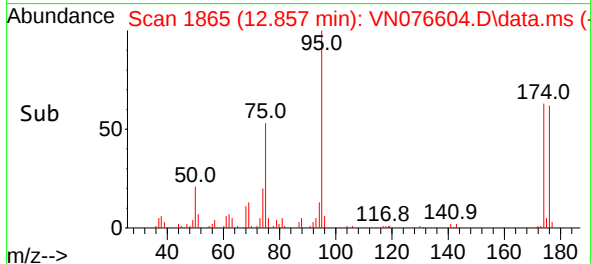
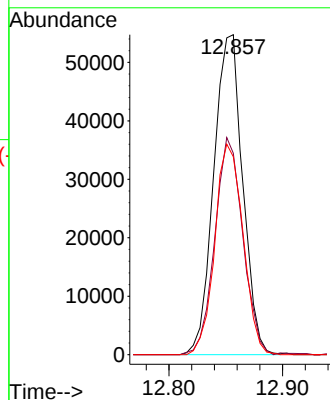
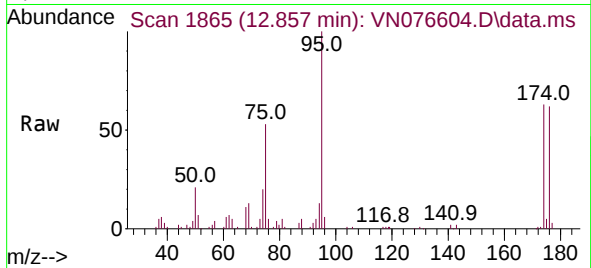




#60
4-Bromofluorobenzene
Concen: 22.993 ug/l
RT: 12.857 min Scan# 11
Delta R.T. 0.004 min
Lab File: VN076604.D
Acq: 10 Feb 2023 12:57

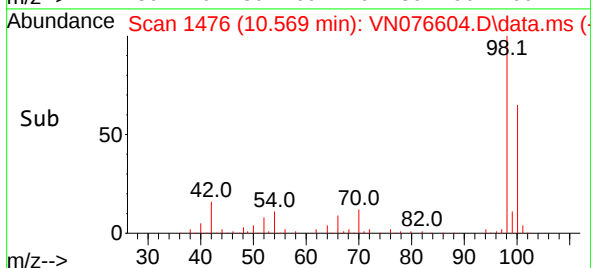
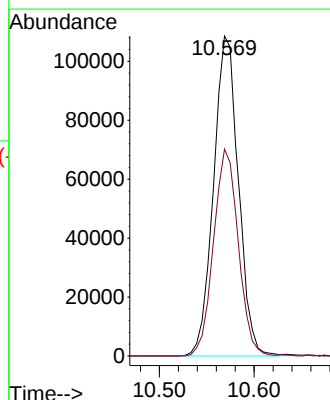
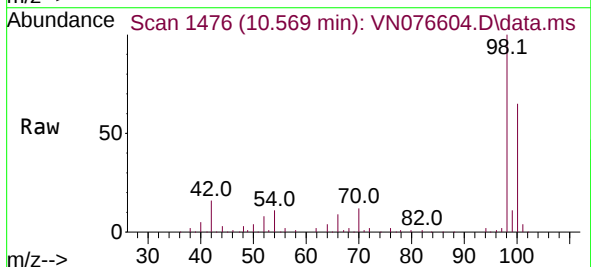
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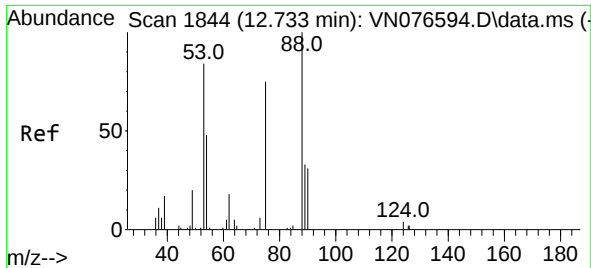
Tgt Ion: 95 Resp: 97035
Ion Ratio Lower Upper
95 100
174 65.5 57.8 86.8
176 64.0 57.0 85.4



#63
Toluene-d8
Concen: 28.887 ug/l
RT: 10.569 min Scan# 1476
Delta R.T. -0.002 min
Lab File: VN076604.D
Acq: 10 Feb 2023 12:57

Tgt Ion: 98 Resp: 198277
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1





#77

t-1,4-Dichloro-2-butene

Concen: 39.017 ug/l

RT: 12.851 min Scan# 11

Delta R.T. 0.116 min

Lab File: VN076604.D

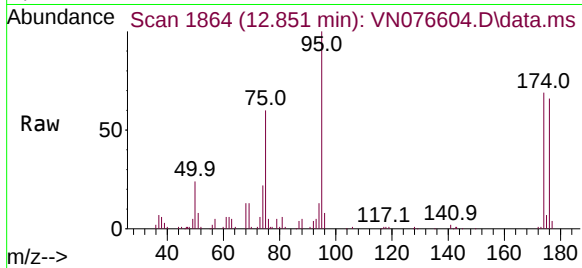
Acq: 10 Feb 2023 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN0210WBL01



Tgt Ion: 75 Resp: 56402

Ion Ratio Lower Upper

75 100

53 0.0 43.3 129.9#

89 0.0 21.1 63.1#

