

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110220\
 Data File : VN064420.D
 Acq On : 2 Nov 2020 17:37
 Operator : JC/MD
 Sample : L4576-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PW-2

Quant Time: Nov 02 17:58:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 02 15:45:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	53904	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	290766	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	260000	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	139403	31.68	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.60%
60) 4-Bromofluorobenzene	12.37	95	112395	25.58	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.27%
63) Toluene-d8	10.06	98	349394	30.14	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.47%

Target Compounds

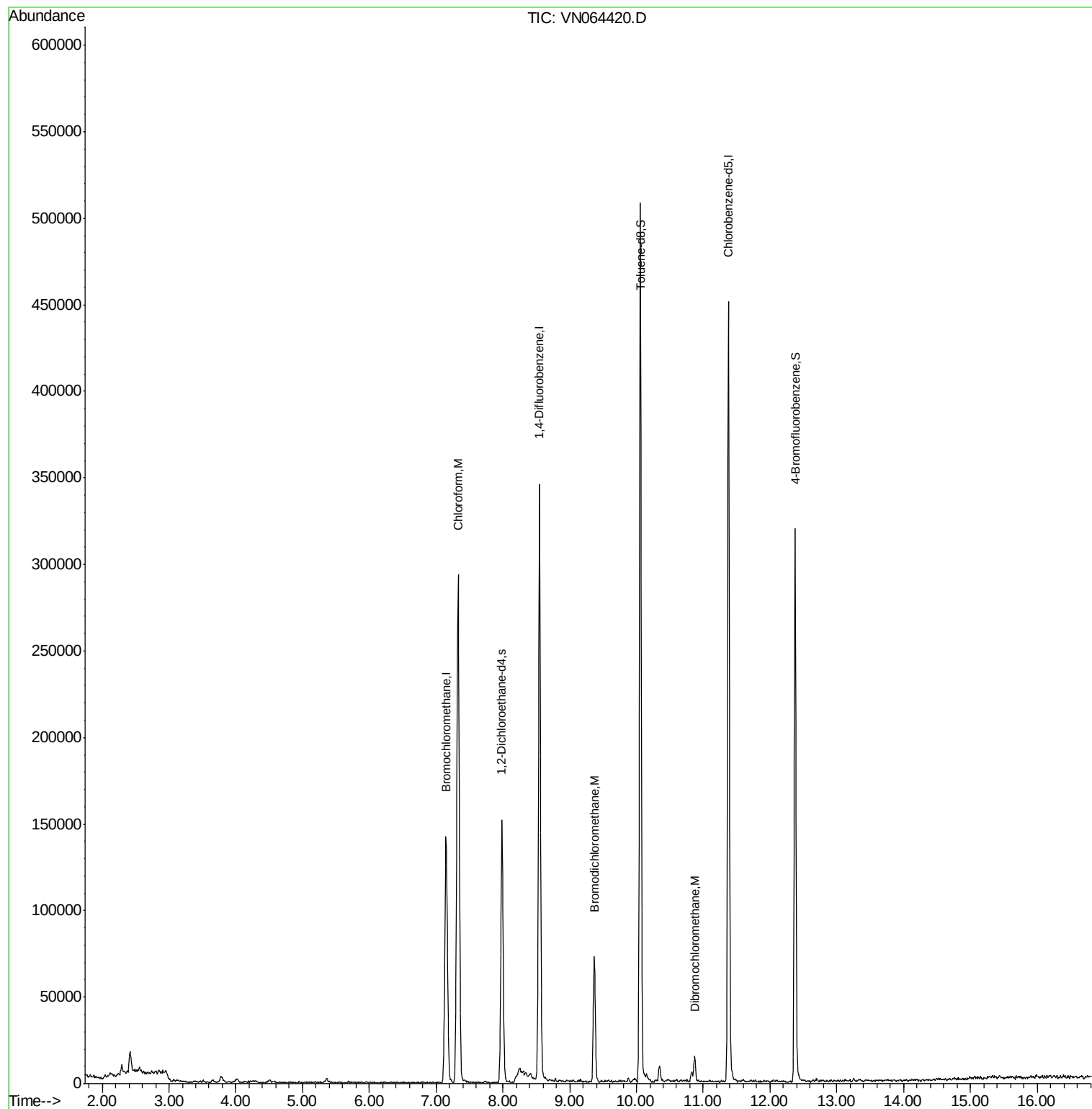
					Ovalue
25) Chloroform	7.33	83	308442	46.647 ug/l	97
41) Bromodichloromethane	9.37	83	49275	9.465 ug/l	97
53) Dibromochloromethane	10.87	129	7870	1.936 ug/l	95

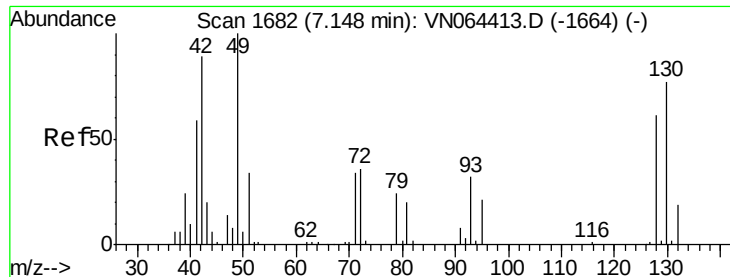
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110220\
Data File : VN064420.D
Acq On : 2 Nov 2020 17:37
Operator : JC/MD
Sample : L4576-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PW-2

Quant Time: Nov 02 17:58:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N110220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 02 15:45:48 2020
Response via : Initial Calibration

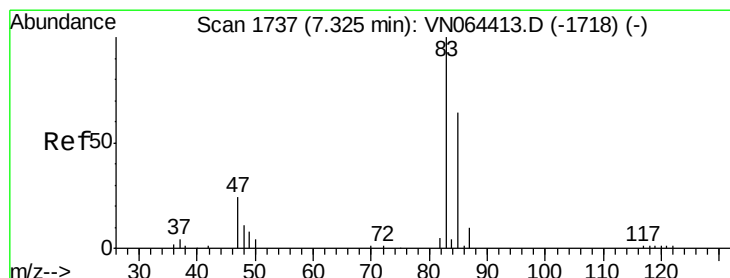
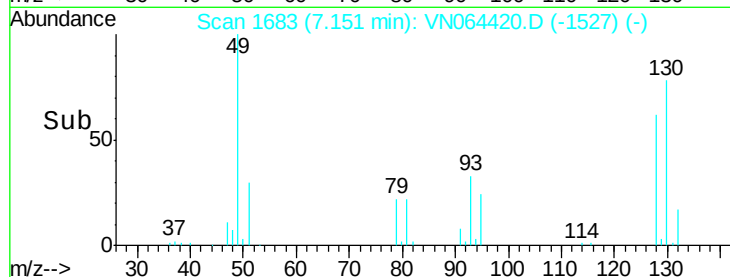
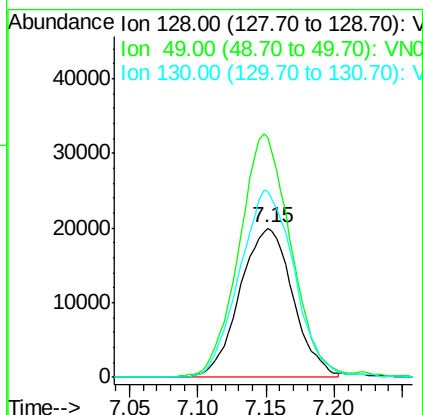
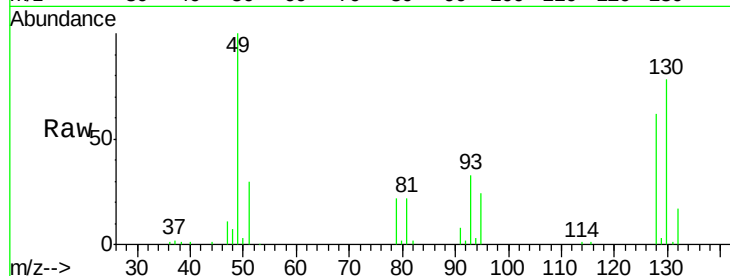




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN064420.D
 Acq: 2 Nov 2020 17:37

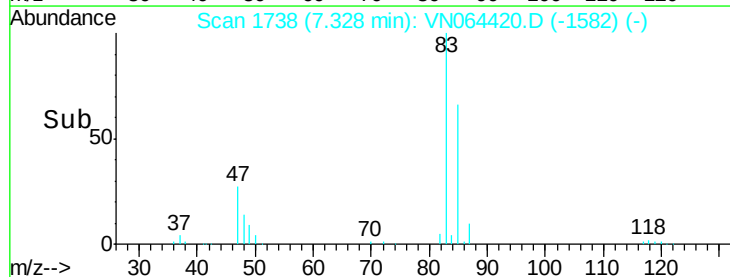
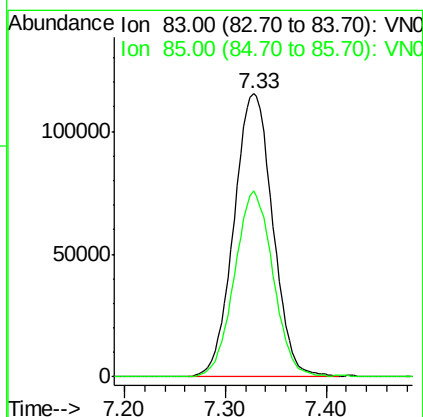
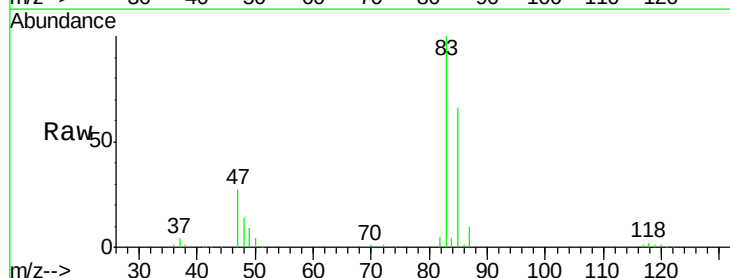
Instrument :
 MSVOA_N
 ClientSampled :
 PW-2

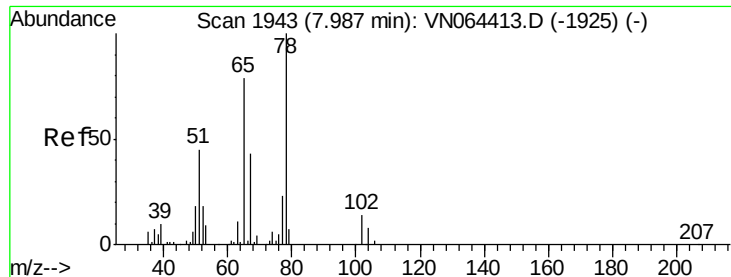
Tot Ion:128 Resp: 53904
 Ion Ratio Lower Upper
 128 100
 49 159.6 0.0 423.5
 130 129.7 0.0 325.0



#25
 Chloroform
 Concen: 46.647 ug/l
 RT: 7.33 min Scan# 1738
 Delta R.T. 0.00 min
 Lab File: VN064420.D
 Acq: 2 Nov 2020 17:37

Tgt Ion: 83 Resp: 308442
 Ion Ratio Lower Upper
 83 100
 85 65.7 51.0 76.4

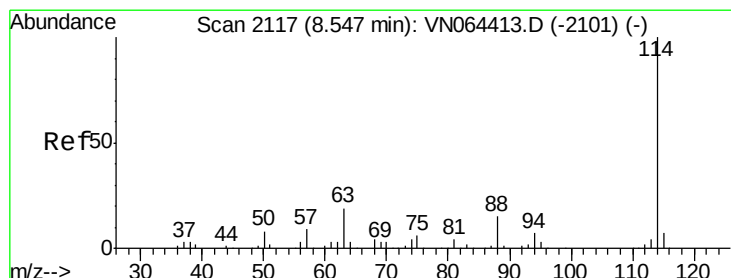
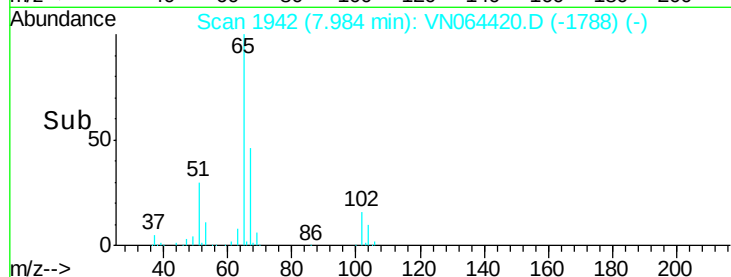
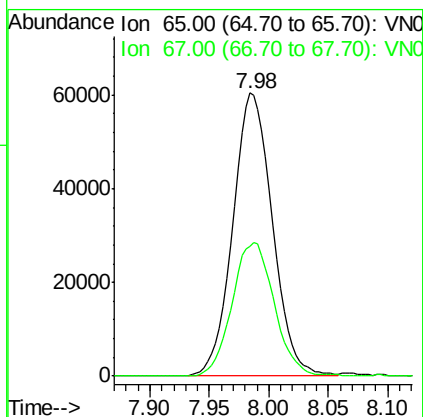
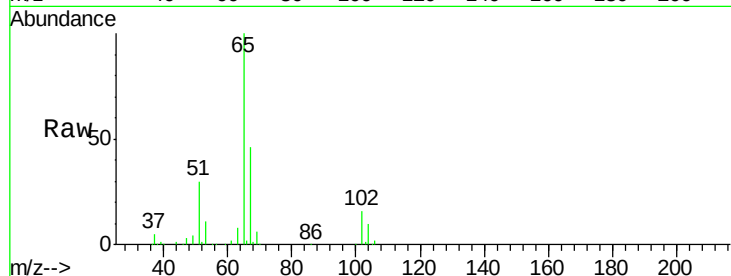




#27
 1,2-Dichloroethane-d4
 Concen: 31.678 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064420.D
 Acq: 2 Nov 2020 17:37

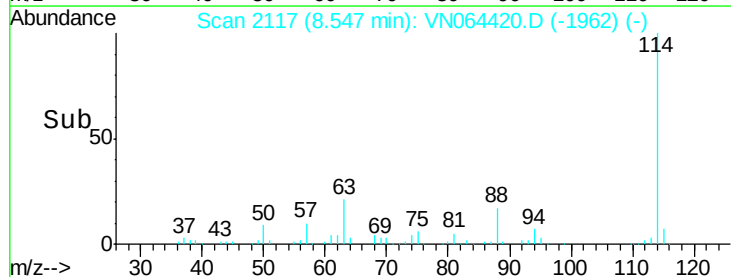
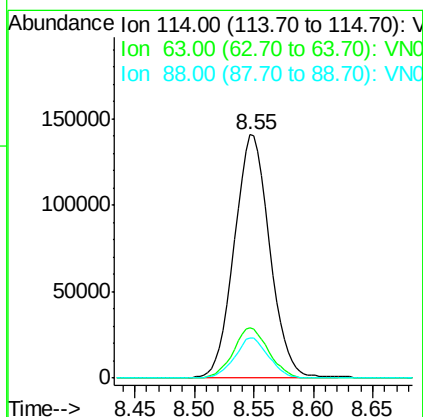
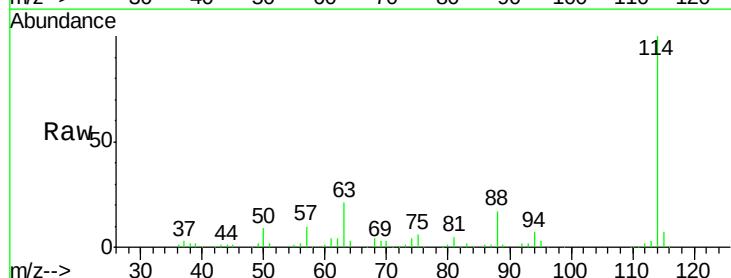
Instrument :
 MSVOA_N
 ClientSampleId :
 PW-2

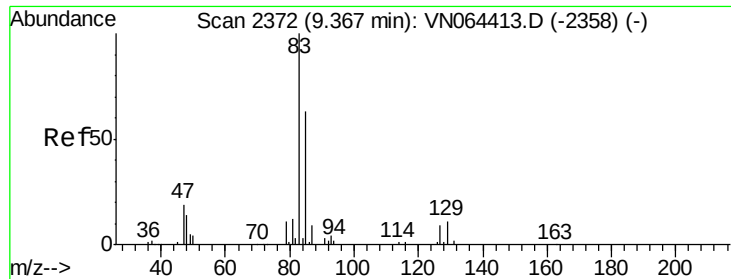
Tot Ion: 65 Resp: 139403
 Ion Ratio Lower Upper
 65 100
 67 50.0 40.6 61.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064420.D
 Acq: 2 Nov 2020 17:37

Tgt Ion: 114 Resp: 290766
 Ion Ratio Lower Upper
 114 100
 63 20.6 16.2 24.4
 88 15.8 12.6 19.0

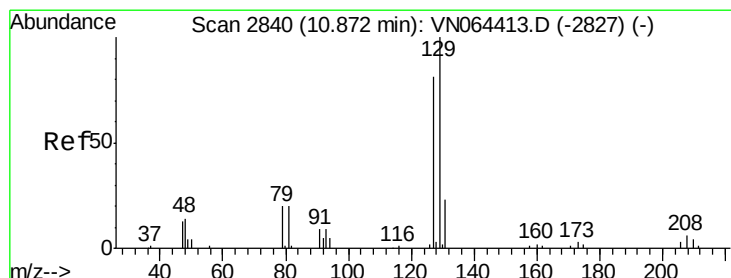
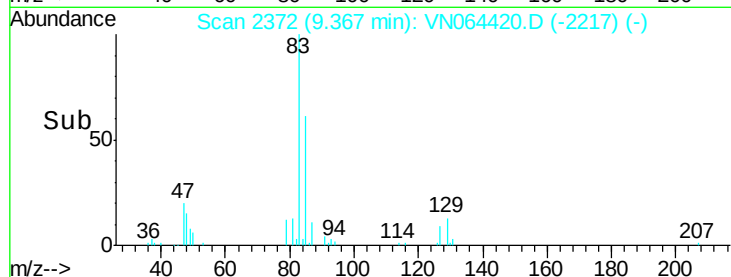
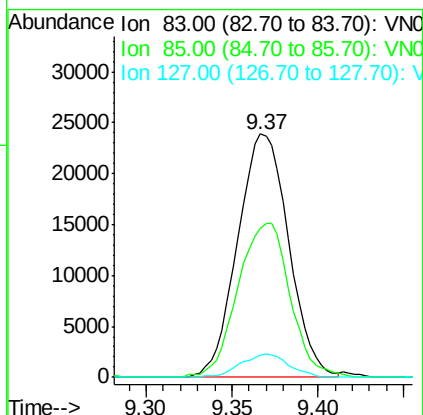
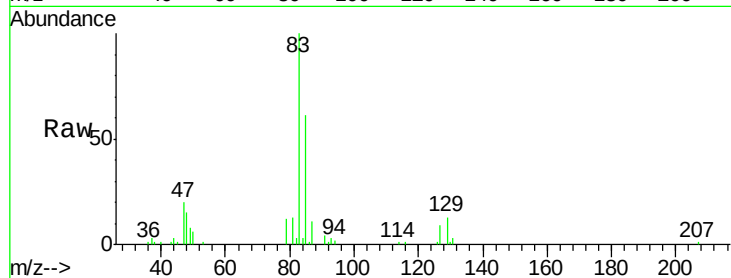




#41
Bromodichloromethane
Concen: 9.465 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN064420.D
Acq: 2 Nov 2020 17:37

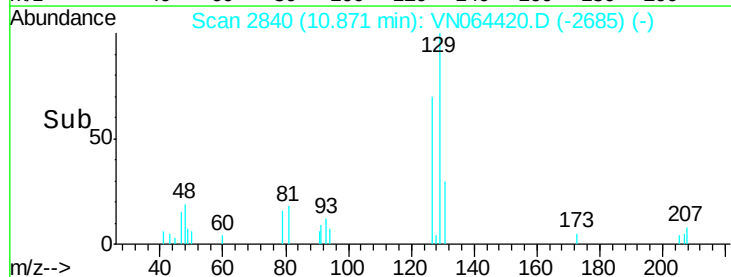
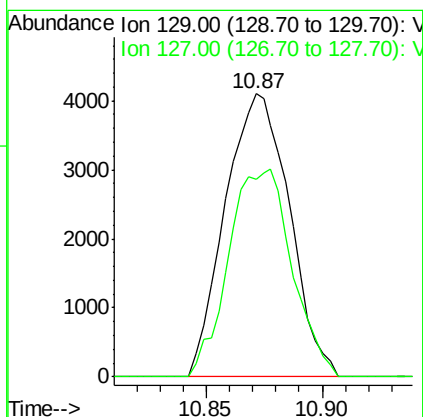
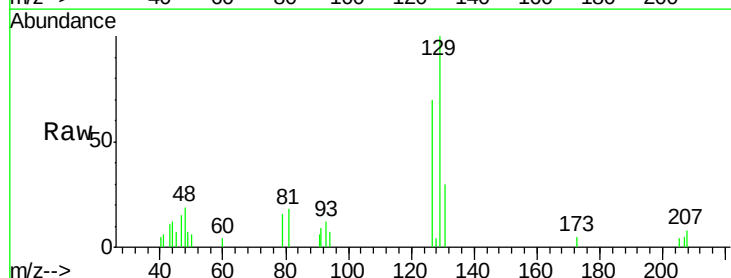
Instrument :
MSVOA_N
ClientSampled :
PW-2

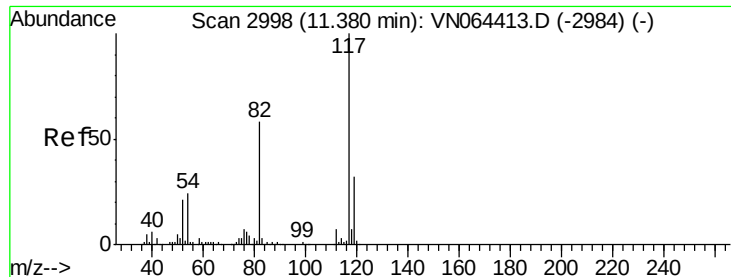
Tot Ion: 83 Resp: 49275
Ion Ratio Lower Upper
83 100
85 60.2 50.5 75.7
127 9.0 7.0 10.6



#53
Dibromochloromethane
Concen: 1.936 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064420.D
Acq: 2 Nov 2020 17:37

Tgt Ion: 129 Resp: 7870
Ion Ratio Lower Upper
129 100
127 72.4 38.6 115.7

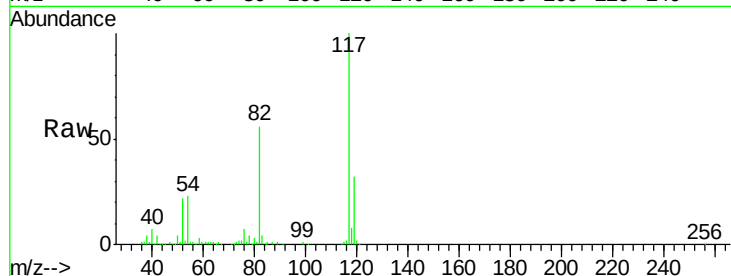




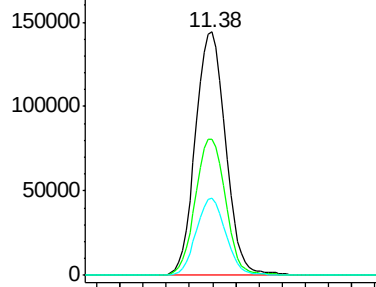
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064420.D
Acq: 2 Nov 2020 17:37

Instrument :
MSVOA_N
ClientSampled :
PW-2

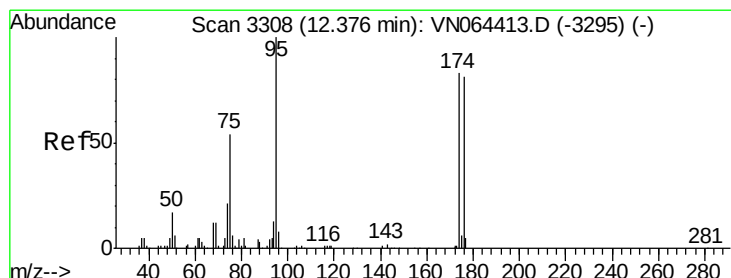
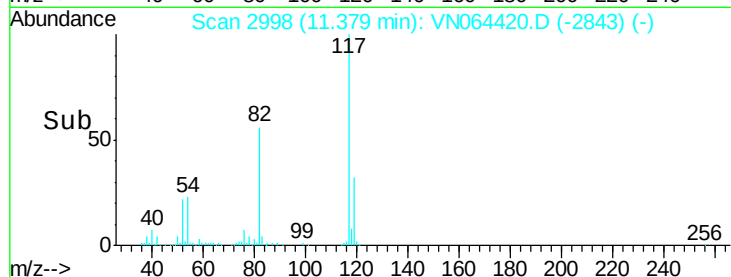
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	46.1	69.1
119	31.1	26.2	39.2



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

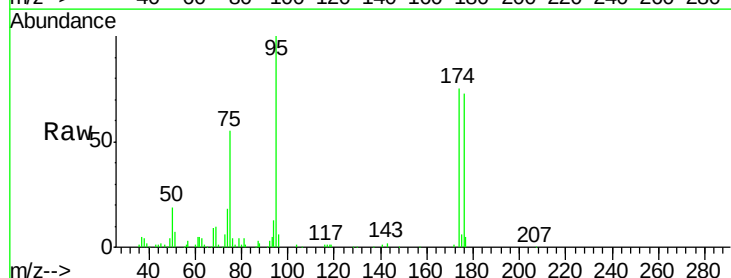


Time--> 11.30 11.40 11.50

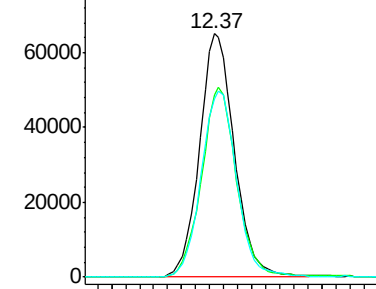


#60
4-Bromofluorobenzene
Concen: 25.579 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064420.D
Acq: 2 Nov 2020 17:37

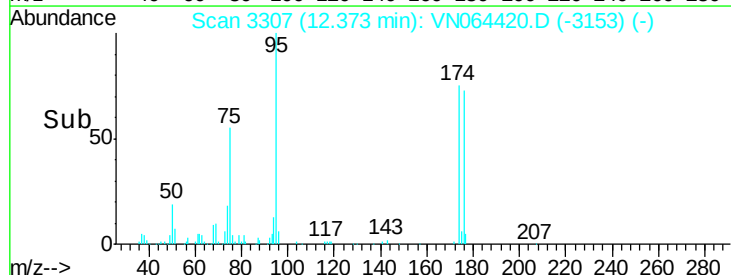
Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.4	65.2	97.8
176	77.8	62.2	93.4

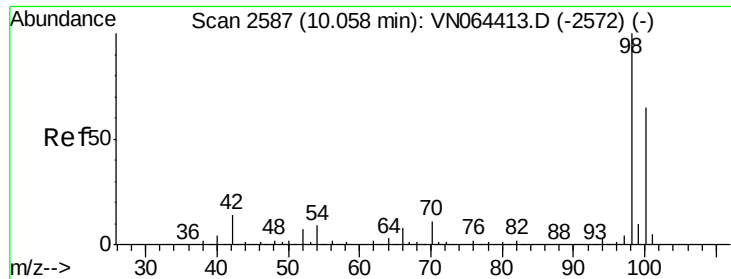


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



Time--> 12.30 12.35 12.40 12.45





#63

Toluene-d8

Concen: 30.135 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064420.D

Acq: 2 Nov 2020 17:37

Instrument :

MSVOA_N

ClientSampleId :

PW-2

Tot Ion: 98 Resp: 349394

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9

