

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064047.D
 Acq On : 9 Oct 2020 18:49
 Operator : JC/MD
 Sample : L4350-04 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: Oct 10 02:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 06 16:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	44486	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	215287	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	204569	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	120654	30.20	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	100.67%	
60) 4-Bromofluorobenzene	12.38	95	80560	23.03	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	76.77%	
63) Toluene-d8	10.06	98	267907	28.90	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	96.33%	

Target Compounds

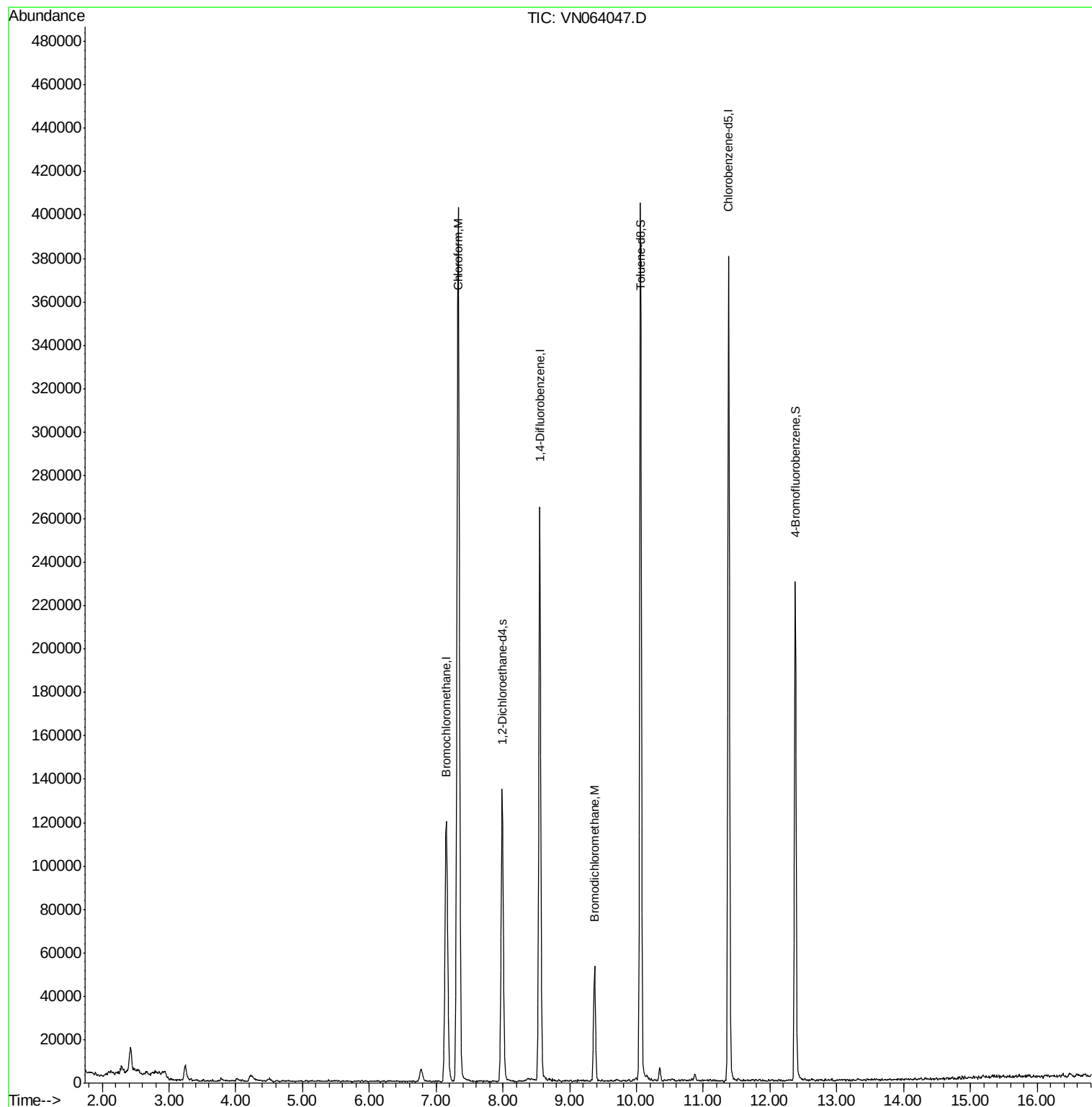
					Ovalue
25) Chloroform	7.33	83	416493	73.463	ug/l 100
41) Bromodichloromethane	9.37	83	36270	8.579	ug/l 94

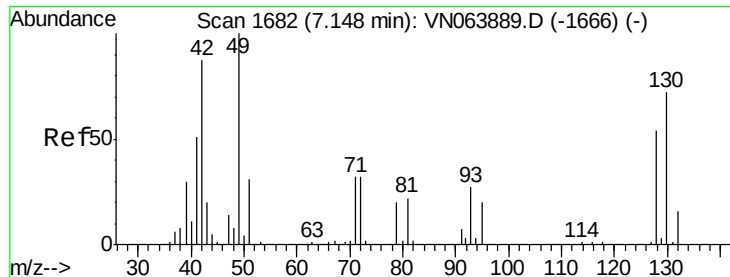
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN064047.D

Acq: 9 Oct 2020 18:49

Instrument :

MSVOA_N

ClientSampled :

14B-4

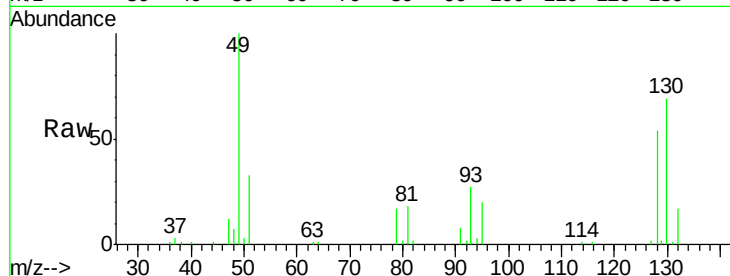
Tot Ion:128 Resp: 44486

Ion Ratio Lower Upper

128 100

49 192.2 0.0 437.5

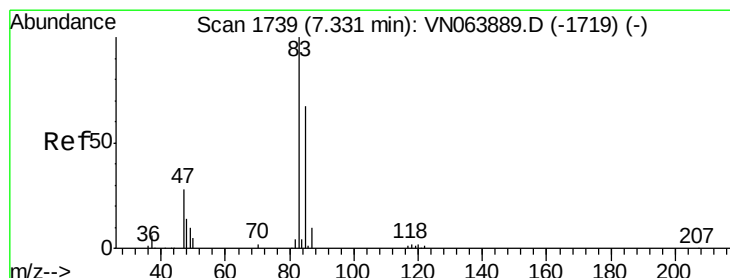
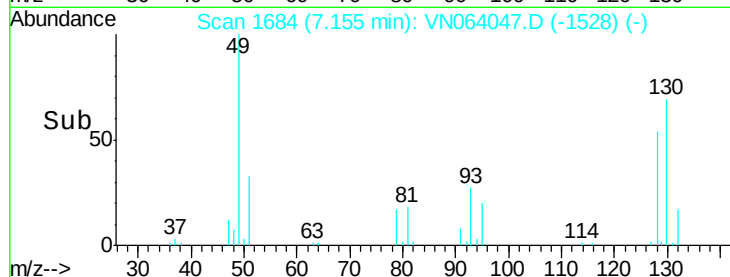
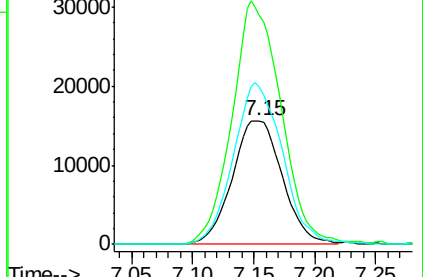
130 128.2 0.0 327.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#25

Chloroform

Concen: 73.463 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN064047.D

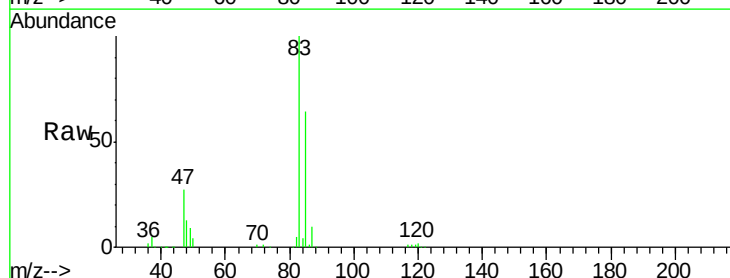
Acq: 9 Oct 2020 18:49

Tgt Ion: 83 Resp: 416493

Ion Ratio Lower Upper

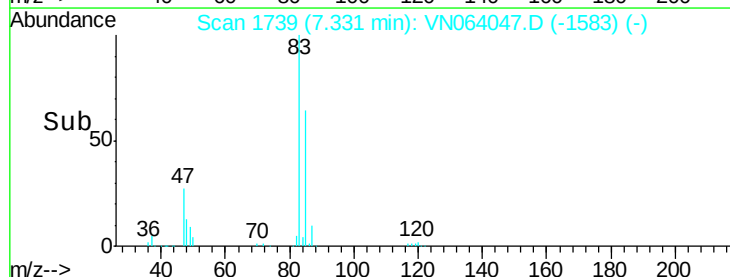
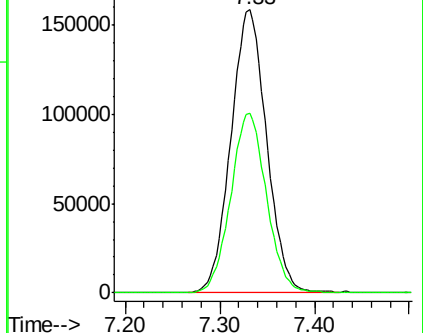
83 100

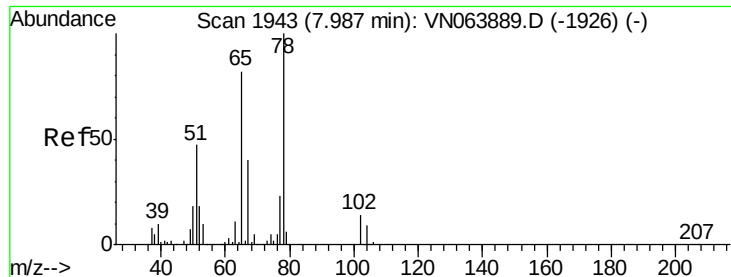
85 63.6 51.0 76.4



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 85.00 (84.70 to 85.70): VN

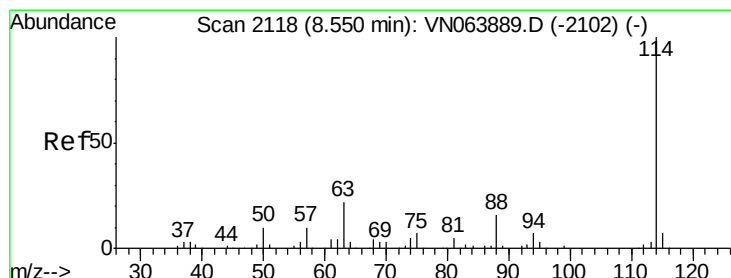
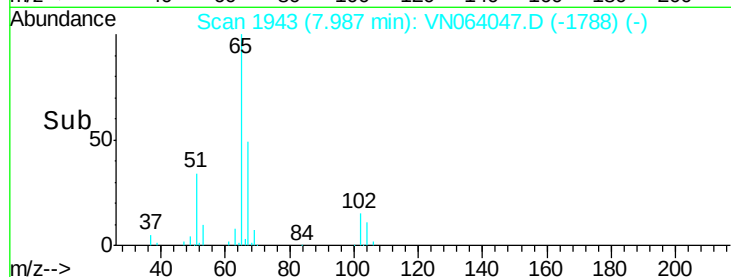
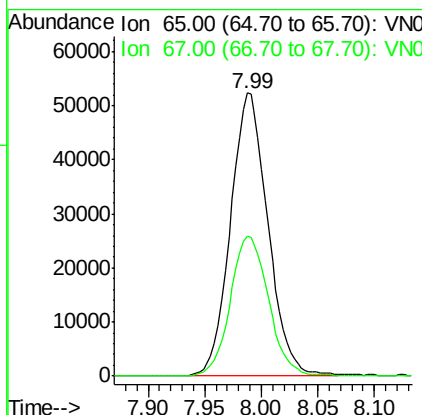
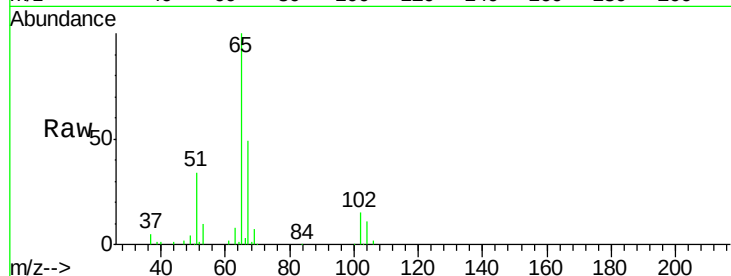




#27
 1,2-Dichloroethane-d4
 Concen: 30.199 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064047.D
 Acq: 9 Oct 2020 18:49

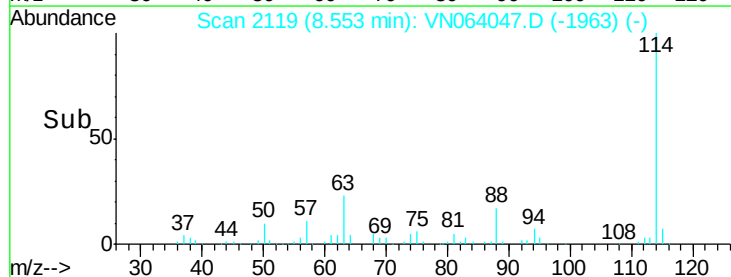
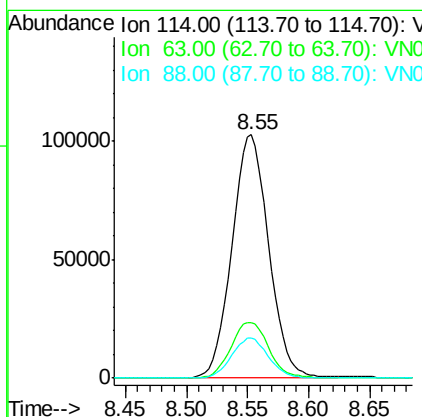
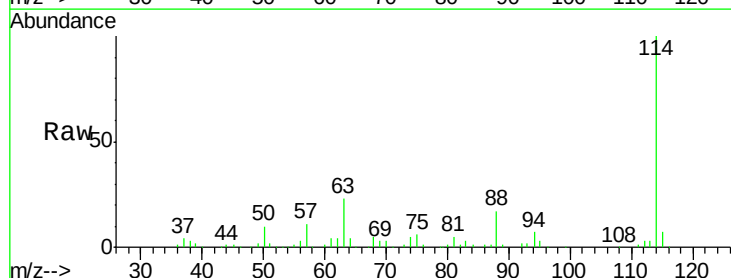
Instrument :
 MSVOA_N
 ClientSampled :
 14B-4

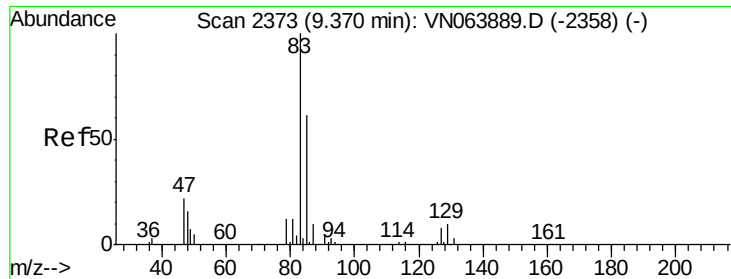
Tot Ion: 65 Resp: 120654
 Ion Ratio Lower Upper
 65 100
 67 50.2 43.8 65.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064047.D
 Acq: 9 Oct 2020 18:49

Tgt Ion: 114 Resp: 215287
 Ion Ratio Lower Upper
 114 100
 63 23.6 17.0 25.6
 88 16.4 12.6 18.8

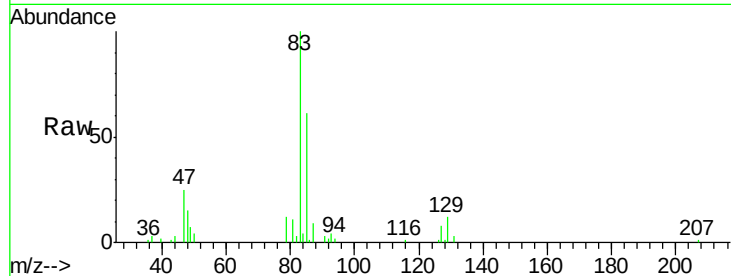




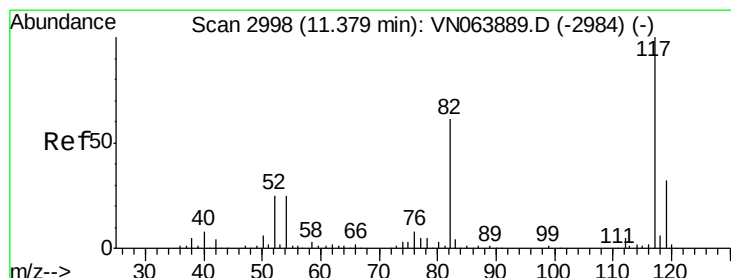
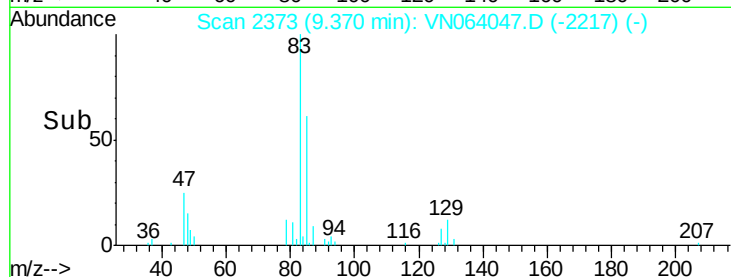
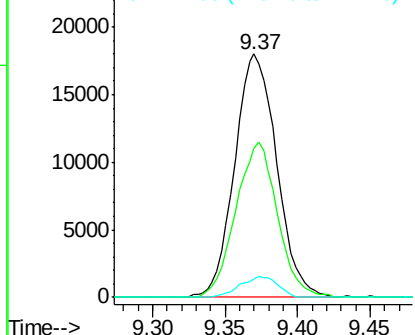
#41
Bromodichloromethane
Concen: 8.579 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064047.D
Acq: 9 Oct 2020 18:49

Instrument :
MSVOA_N
ClientSampleId :
14B-4

Tot Ion: 83 Resp: 36270
Ion Ratio Lower Upper
83 100
85 61.2 52.6 79.0
127 7.7 7.4 11.0

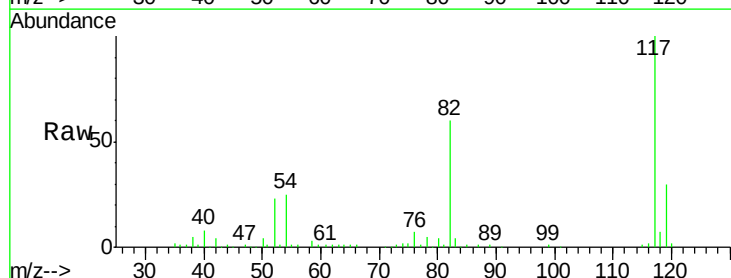


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 85.00 (84.70 to 85.70): VN0
Ion 127.00 (126.70 to 127.70): V

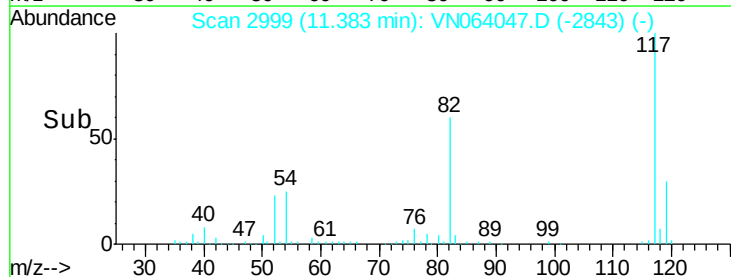
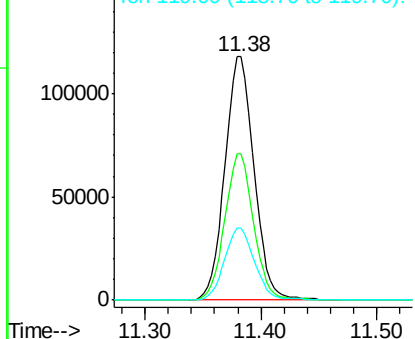


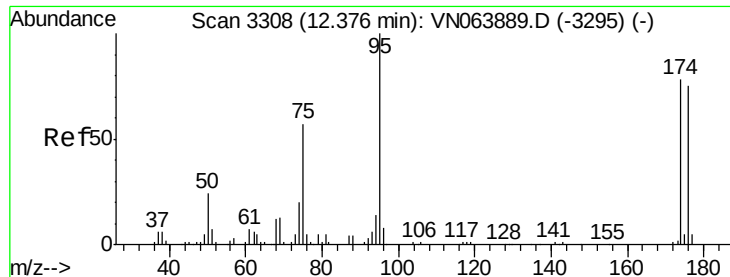
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN064047.D
Acq: 9 Oct 2020 18:49

Tgt Ion: 117 Resp: 204569
Ion Ratio Lower Upper
117 100
82 59.3 44.9 67.3
119 30.5 26.0 39.0



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 119.00 (118.70 to 119.70): V

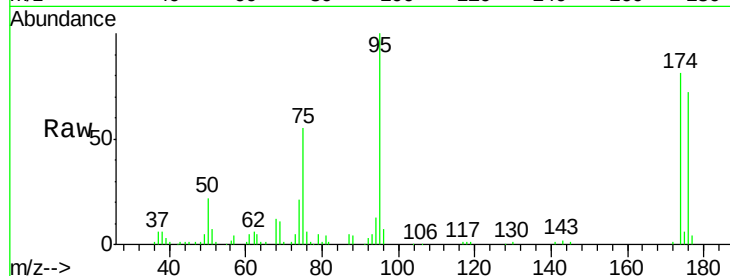




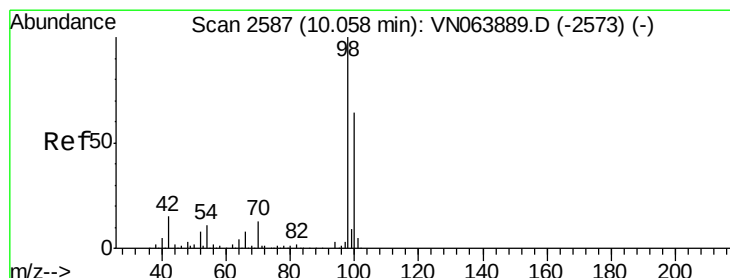
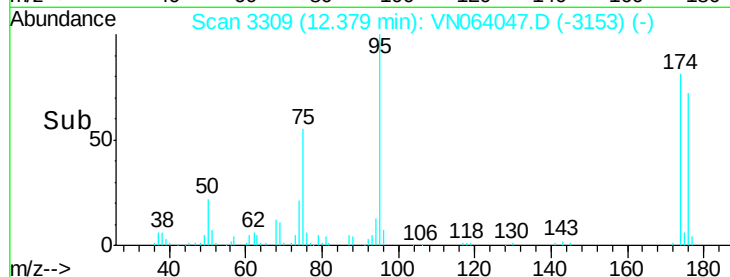
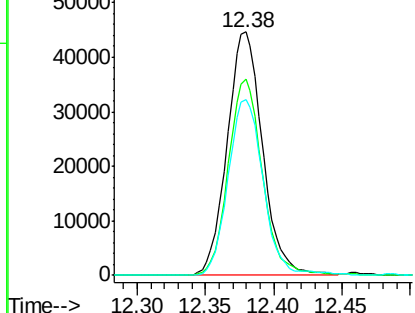
#60
4-Bromofluorobenzene
Concen: 23.028 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.00 min
Lab File: VN064047.D
Acq: 9 Oct 2020 18:49

Instrument :
MSVOA_N
ClientSampled :
14B-4

Tot Ion: 95 Resp: 80560
Ion Ratio Lower Upper
95 100
174 77.2 70.1 105.1
176 70.3 66.8 100.2

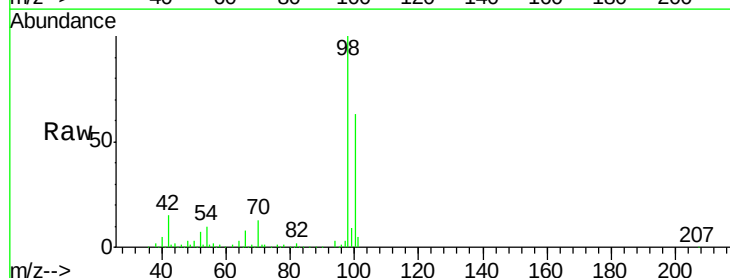


Abundance Ion 95.00 (94.70 to 95.70): VN0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63
Toluene-d8
Concen: 28.898 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064047.D
Acq: 9 Oct 2020 18:49

Tgt Ion: 98 Resp: 267907
Ion Ratio Lower Upper
98 100
100 62.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): V

