

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052219\
 Data File : VN055738.D
 Acq On : 23 May 2019 00:02
 Operator : JC/SP
 Sample : K2965-02 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Jun 01 00:27:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 23 05:54:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	56938	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	299898	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	241095	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	111630	29.99	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.97%
60) 4-Bromofluorobenzene	12.40	95	92746	24.73	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	82.43%
63) Toluene-d8	10.09	98	349883	31.76	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.87%

Target Compounds

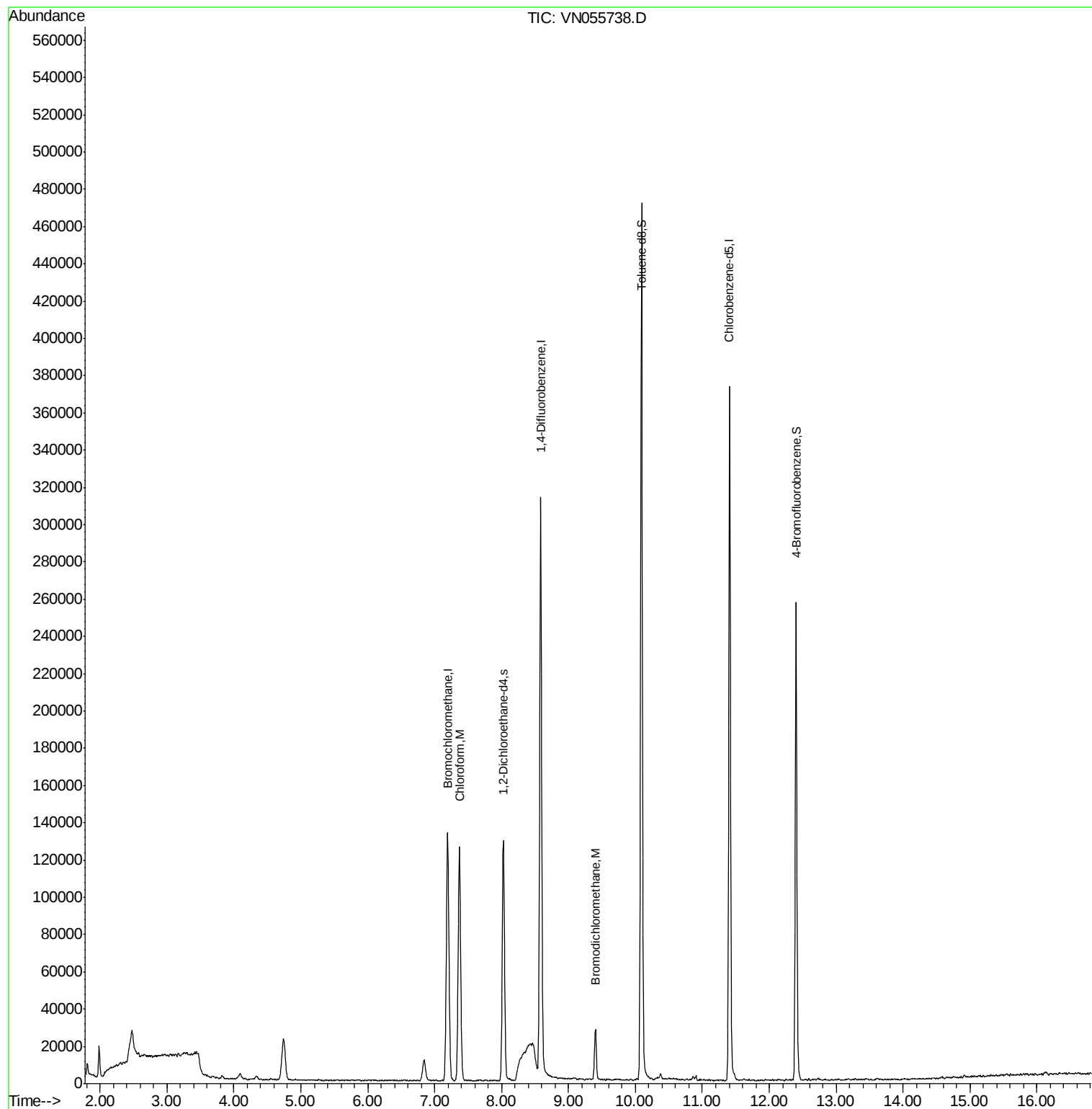
					Ovalue
25) Chloroform	7.37	83	135699	23.152	ug/l 98
41) Bromodichloromethane	9.40	83	19156	4.154	ug/l 99

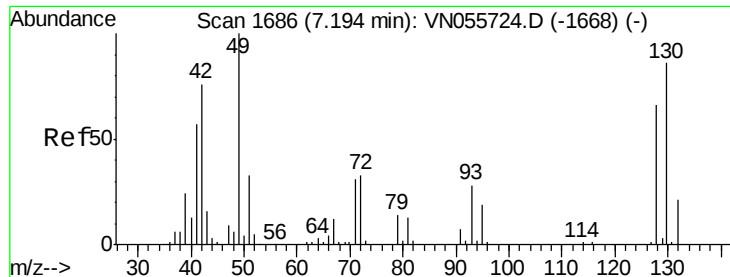
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 23 05:54:54 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN055738.D

Acq: 23 May 2019 00:02

Instrument :

MSVOA_N

ClientSampled :

14B-2

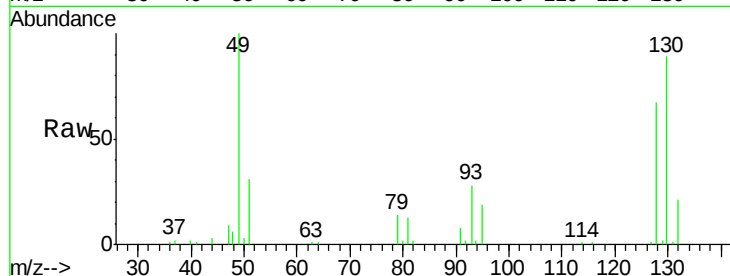
Tot Ion:128 Resp: 56938

Ion Ratio Lower Upper

128 100

49 146.9 0.0 383.2

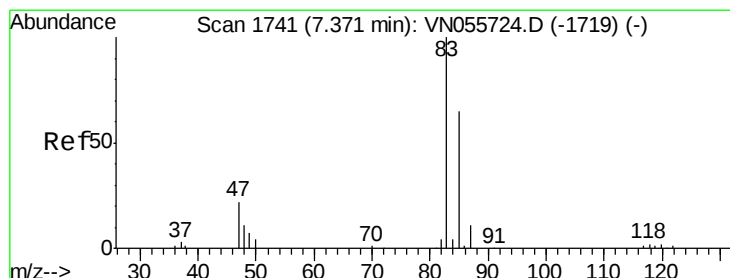
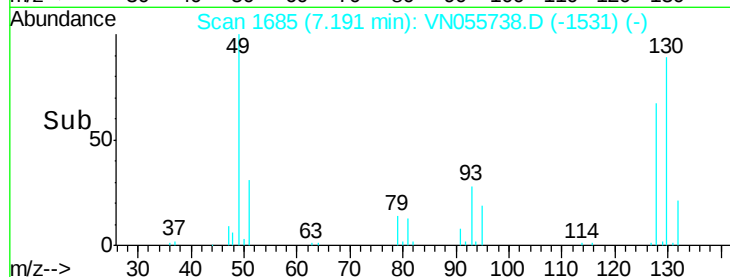
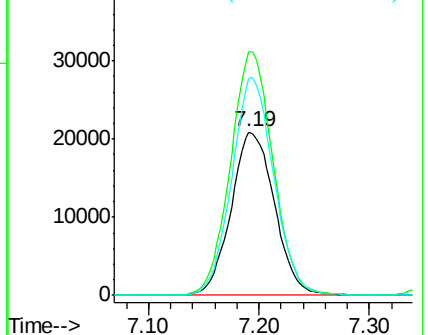
130 129.6 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



#25

Chloroform

Concen: 23.152 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN055738.D

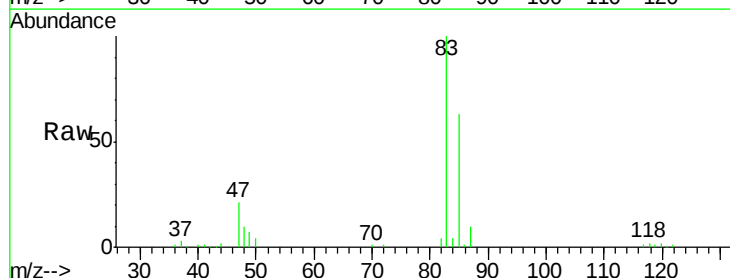
Acq: 23 May 2019 00:02

Tgt Ion: 83 Resp: 135699

Ion Ratio Lower Upper

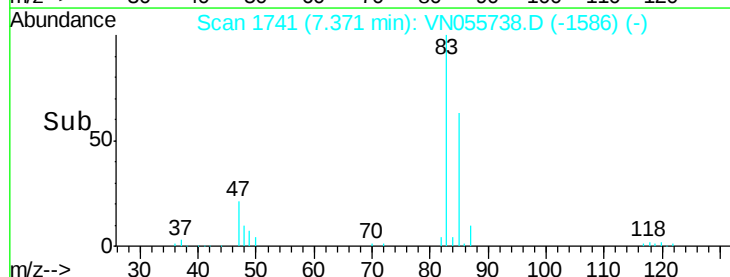
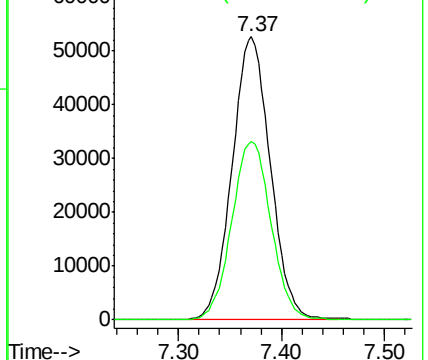
83 100

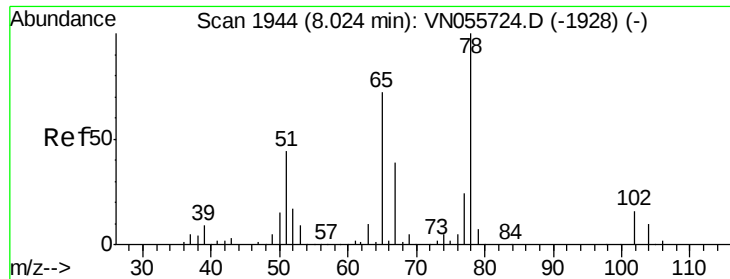
85 63.0 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 85.00 (84.70 to 85.70): VNO

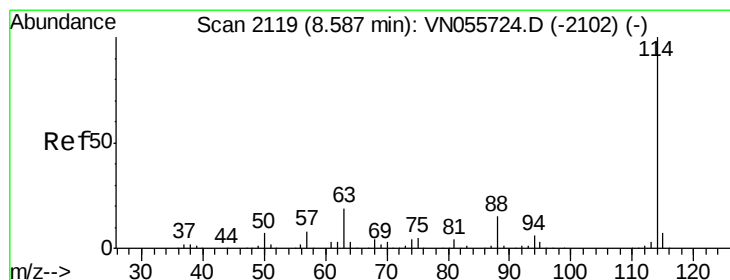
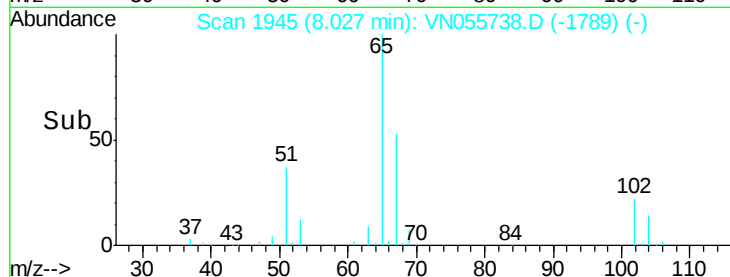
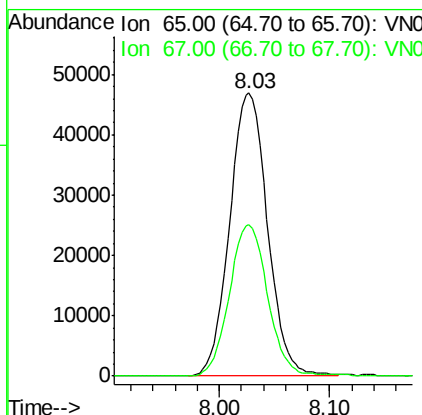
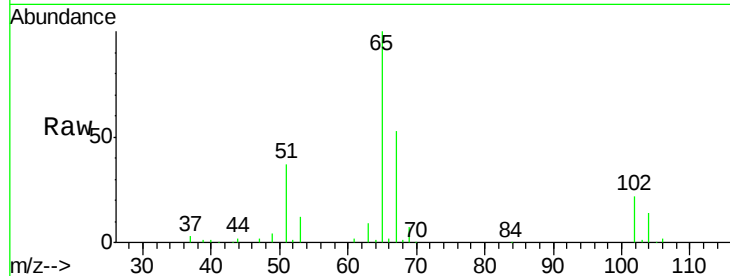




#27
 1,2-Dichloroethane-d4
 Concen: 29.995 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055738.D
 Acq: 23 May 2019 00:02

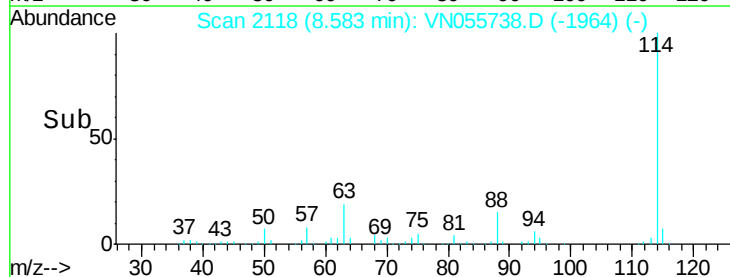
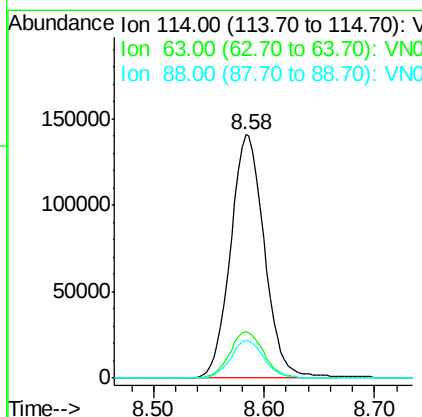
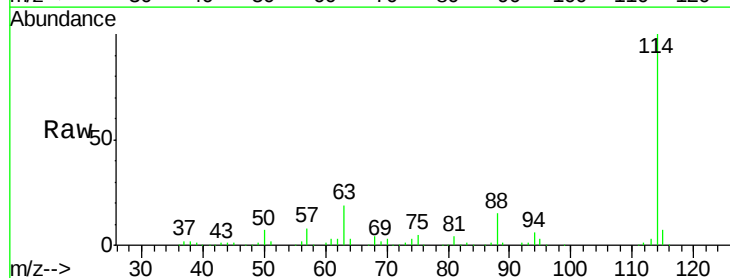
Instrument :
 MSVOA_N
 ClientSampled :
 14B-2

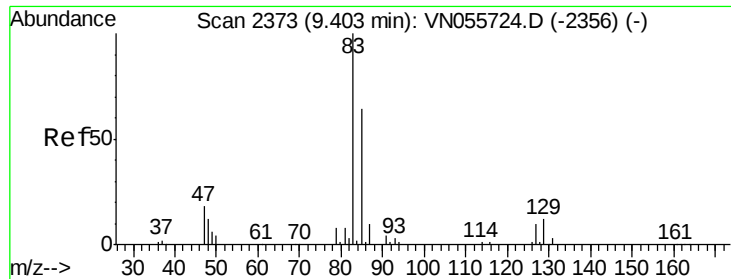
Tot Ion: 65 Resp: 111630
 Ion Ratio Lower Upper
 65 100
 67 54.0 43.5 65.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055738.D
 Acq: 23 May 2019 00:02

Tgt Ion: 114 Resp: 299898
 Ion Ratio Lower Upper
 114 100
 63 19.1 15.6 23.4
 88 15.1 12.3 18.5





#41

Bromodichloromethane

Concen: 4.154 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055738.D

Acq: 23 May 2019 00:02

Instrument :

MSVOA_N

ClientSampled :

14B-2

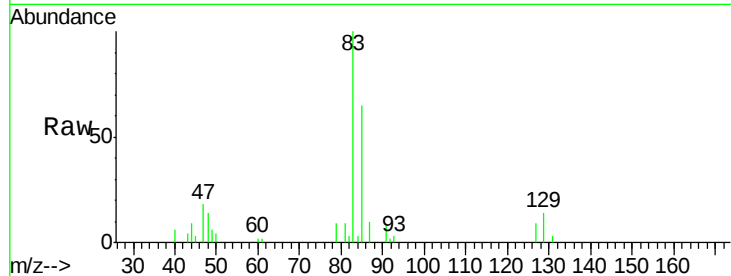
Tot Ion: 83 Resp: 19156

Ion Ratio Lower Upper

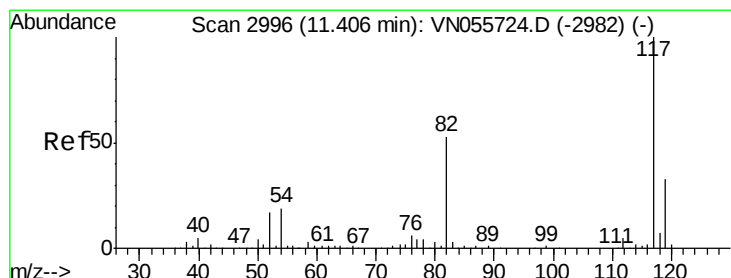
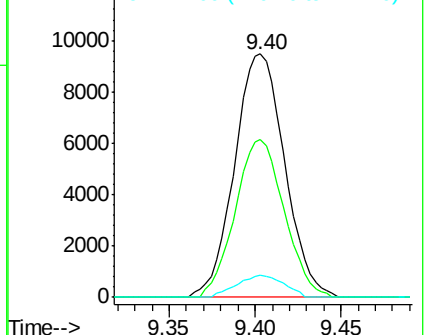
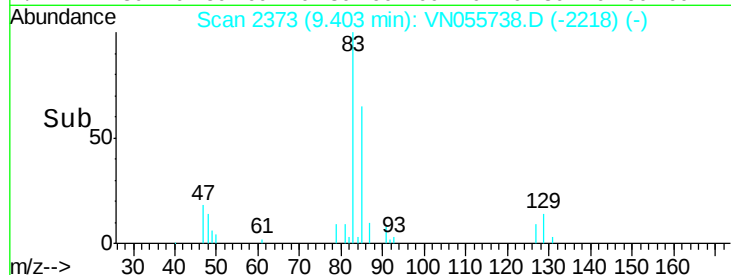
83 100

85 64.8 51.4 77.0

127 8.9 7.7 11.5



Abundance Ion 83.00 (82.70 to 83.70): VN055738.D (-2218) (-)



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055738.D

Acq: 23 May 2019 00:02

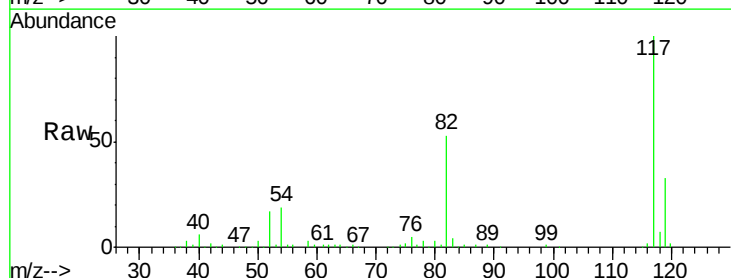
Tgt Ion: 117 Resp: 241095

Ion Ratio Lower Upper

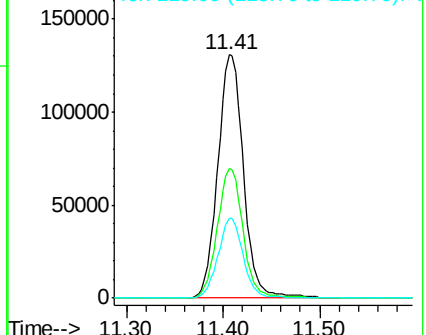
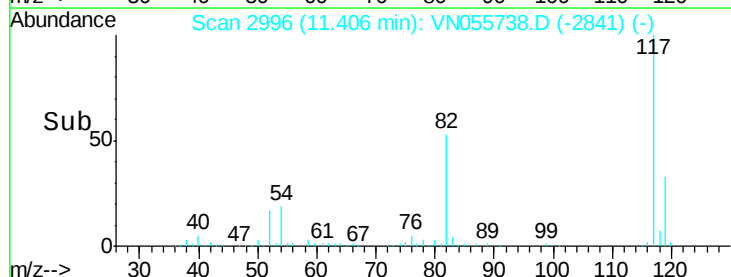
117 100

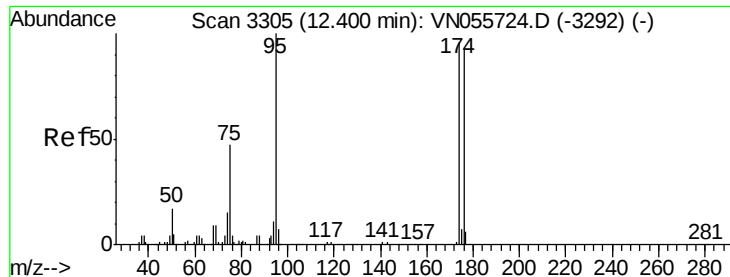
82 53.5 42.6 64.0

119 32.0 25.9 38.9



Abundance Ion 117.00 (116.70 to 117.70): VN055738.D (-2841) (-)

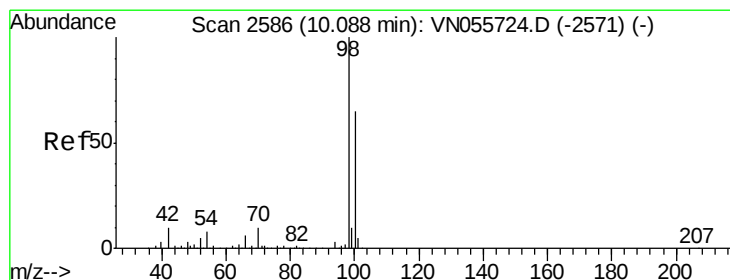
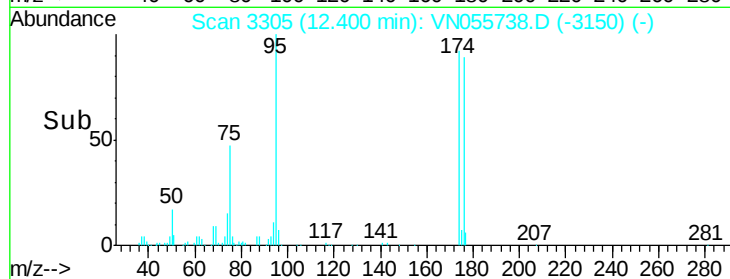
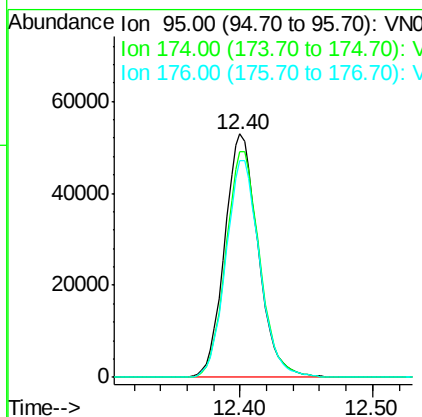
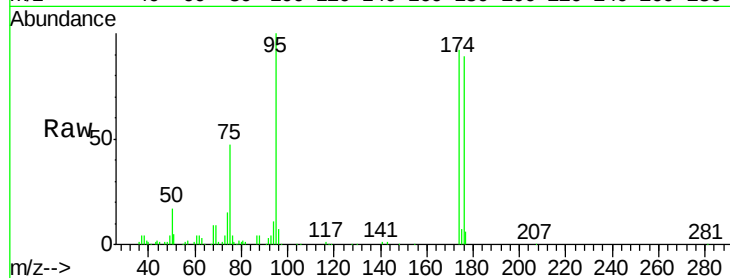




#60
 4-Bromofluorobenzene
 Concen: 24.729 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN055738.D
 Acq: 23 May 2019 00:02

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Tot Ion	95	Resp	92746
Ion Ratio	Lower	Upper	
95	100		
174	93.5	75.7	113.5
176	89.7	74.1	111.1



#63
 Toluene-d8
 Concen: 31.756 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN055738.D
 Acq: 23 May 2019 00:02

Tgt Ion	98	Resp	349883
Ion Ratio	Lower	Upper	
98	100		
100	64.5	51.6	77.4

