

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052219\
 Data File : VN055730.D
 Acq On : 22 May 2019 20:42
 Operator : JC/SP
 Sample : K3009-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-14

Quant Time: May 23 06:33:25 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	55248	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	303694	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	244402	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	111228	30.80	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.67%
60) 4-Bromofluorobenzene	12.40	95	96744	25.45	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	84.83%
63) Toluene-d8	10.09	98	356666	31.93	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	106.43%

Target Compounds

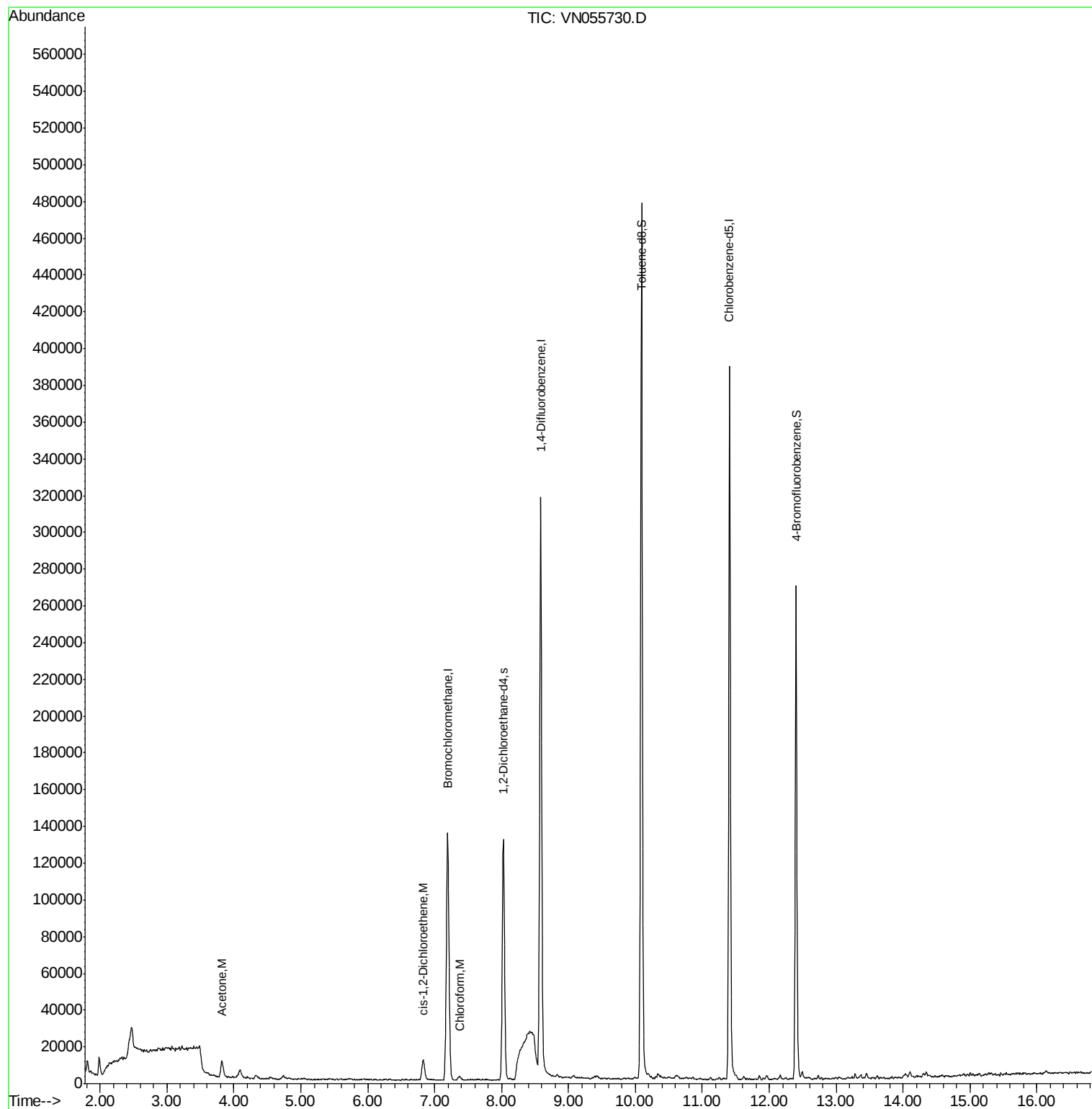
					Ovalue
15) Acetone	3.82	58	4865	9.634 ug/l	98
22) cis-1,2-Dichloroethene	6.83	96	7108	1.943 ug/l	88
25) Chloroform	7.38	83	3221	0.566 ug/l	94

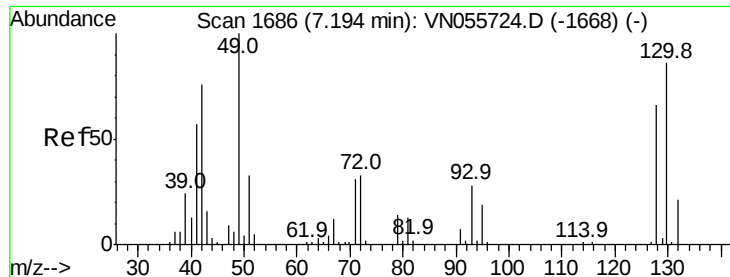
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1686

Delta R.T. -0.00 min

Lab File: VN055730.D

Acq: 22 May 2019 20:42

Instrument :

MSVOA_N

ClientSampleId :

55-ST-14

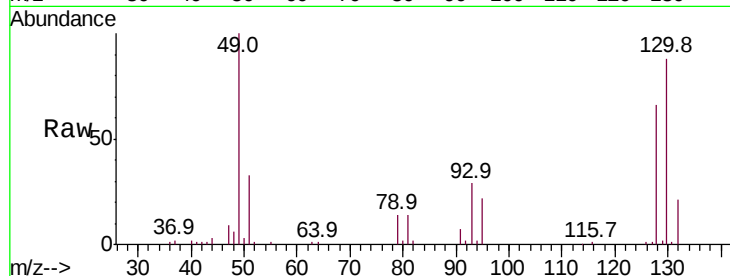
Tot Ion:128 Resp: 55248

Ion Ratio Lower Upper

128 100

49 153.9 0.0 383.2

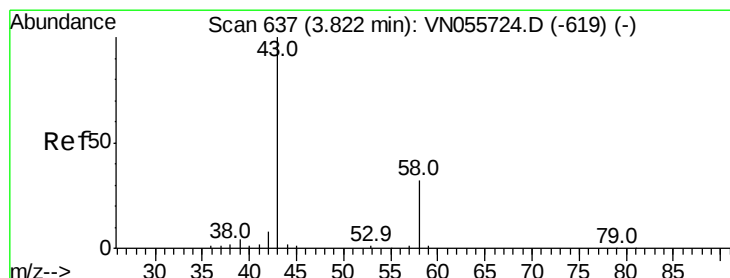
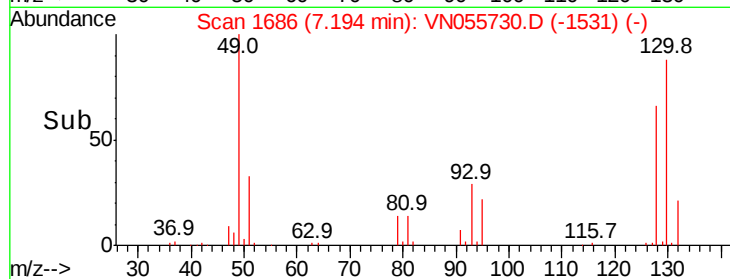
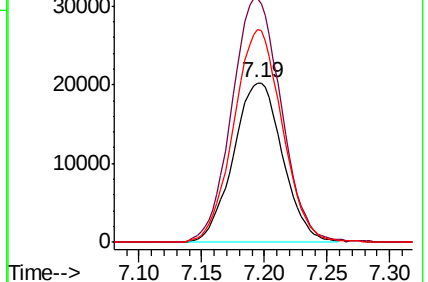
130 131.8 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 9.634 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN055730.D

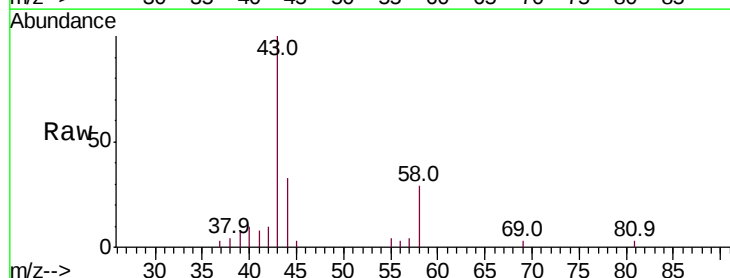
Acq: 22 May 2019 20:42

Tgt Ion: 58 Resp: 4865

Ion Ratio Lower Upper

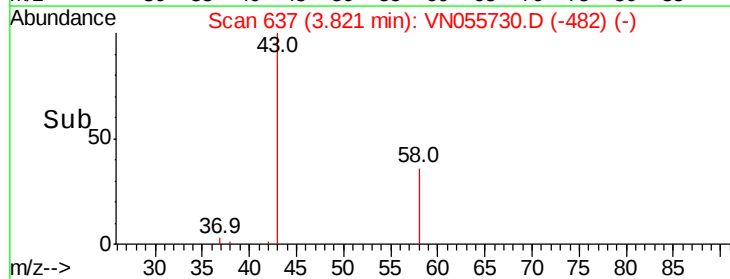
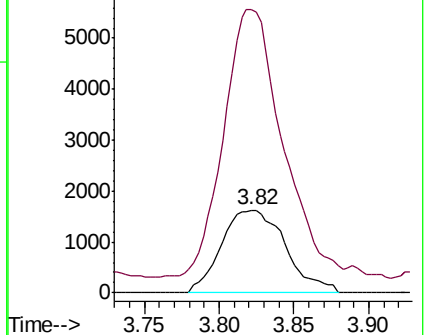
58 100

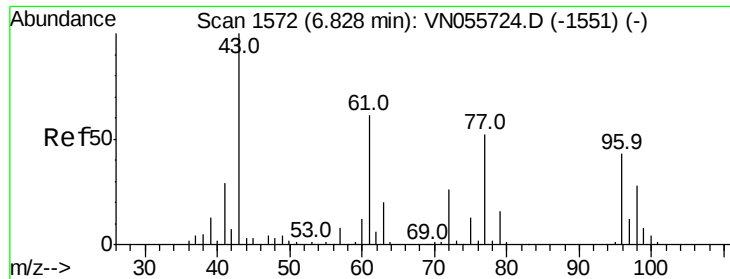
43 314.4 248.8 373.2



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





#22

cis-1,2-Dichloroethene

Concen: 1.943 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN055730.D

Acq: 22 May 2019 20:42

Instrument :

MSVOA_N

ClientSampleId :

55-ST-14

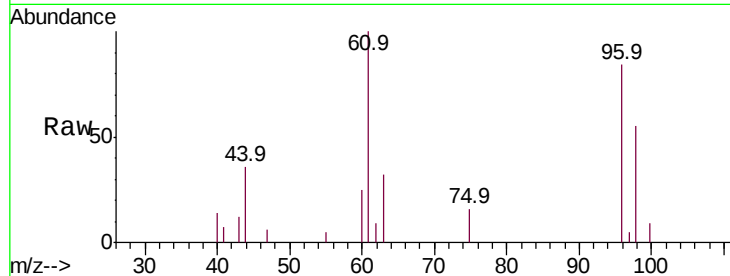
Tot Ion: 96 Resp: 7108

Ion Ratio Lower Upper

96 100

61 126.8 115.7 173.5

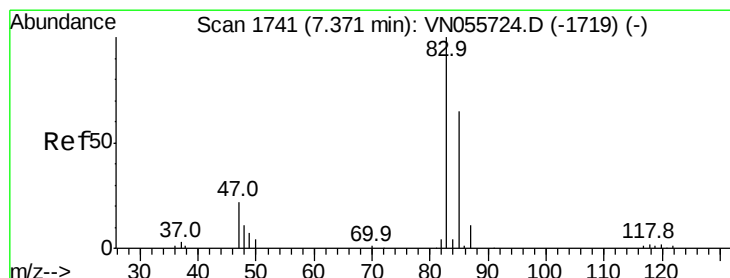
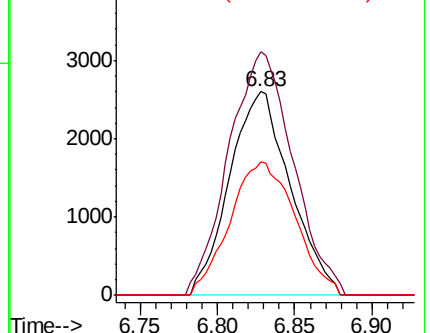
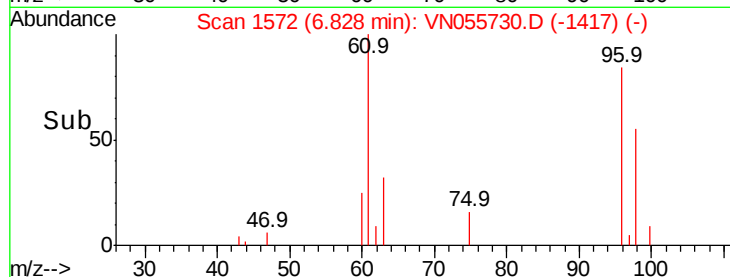
98 70.3 51.5 77.3



Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#25

Chloroform

Concen: 0.566 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN055730.D

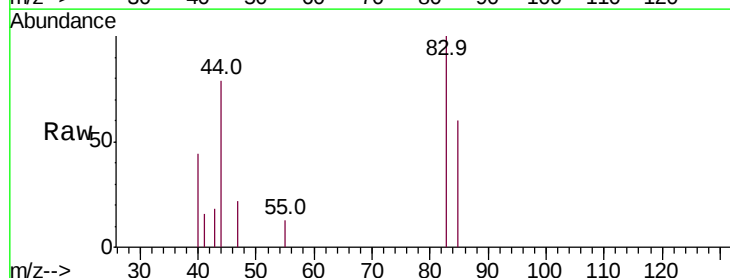
Acq: 22 May 2019 20:42

Tgt Ion: 83 Resp: 3221

Ion Ratio Lower Upper

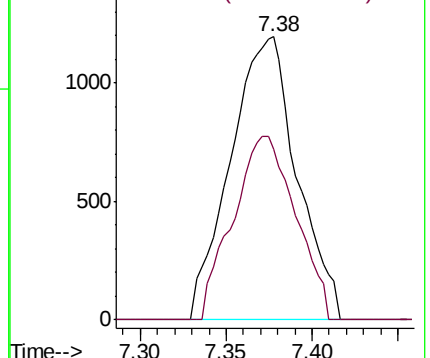
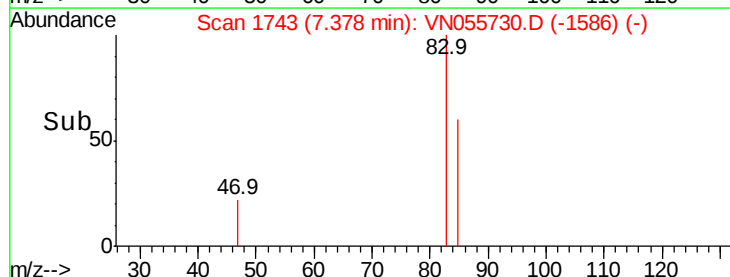
83 100

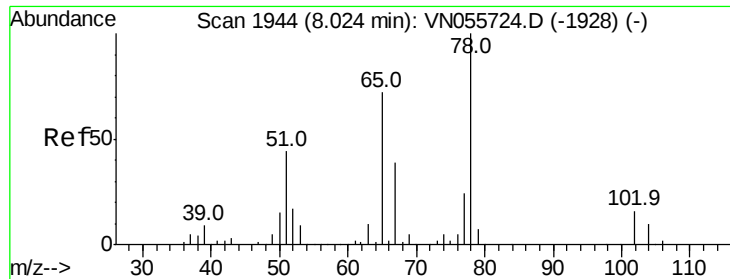
85 60.2 51.7 77.5



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

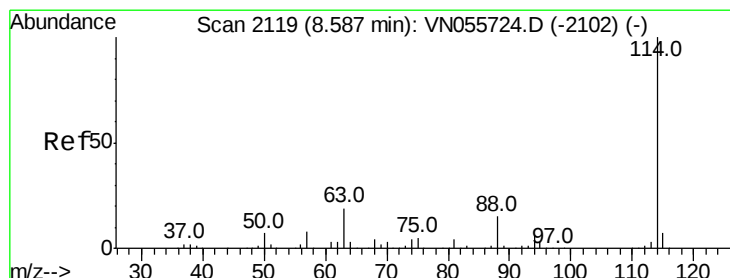
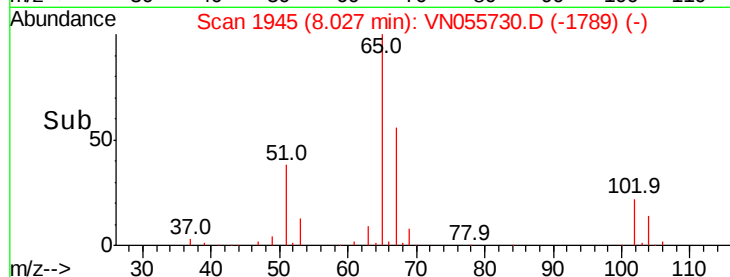
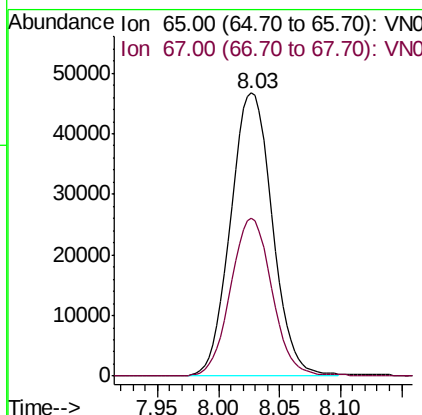
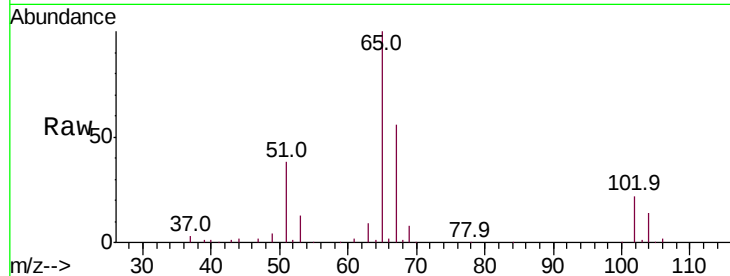




#27
 1,2-Dichloroethane-d4
 Concen: 30.801 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055730.D
 Acq: 22 May 2019 20:42

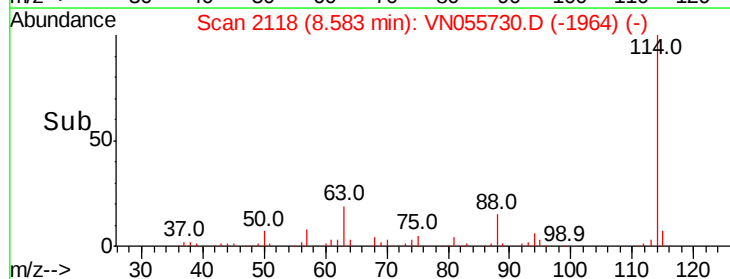
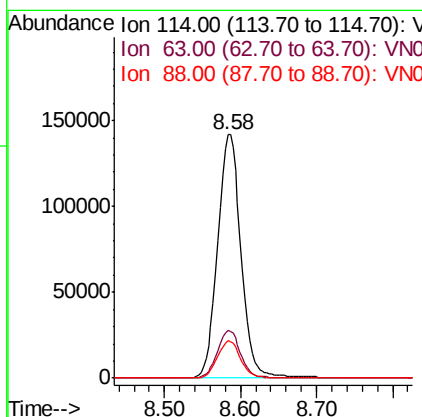
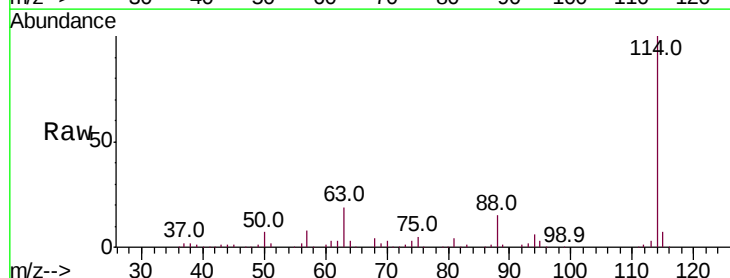
Instrument :
 MSVOA_N
 ClientSampled :
 55-ST-14

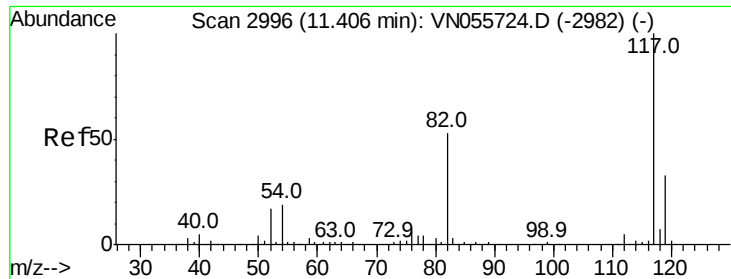
Tot Ion: 65 Resp: 111228
 Ion Ratio Lower Upper
 65 100
 67 54.8 43.5 65.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055730.D
 Acq: 22 May 2019 20:42

Tgt Ion: 114 Resp: 303694
 Ion Ratio Lower Upper
 114 100
 63 19.3 15.6 23.4
 88 15.1 12.3 18.5

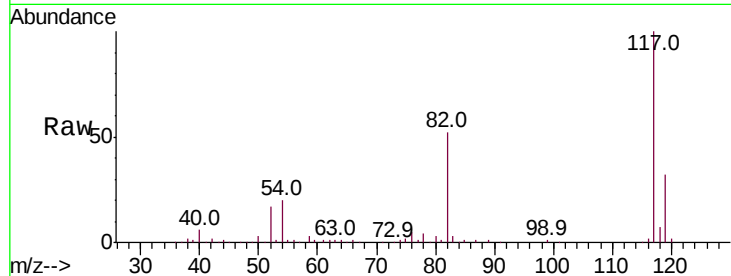




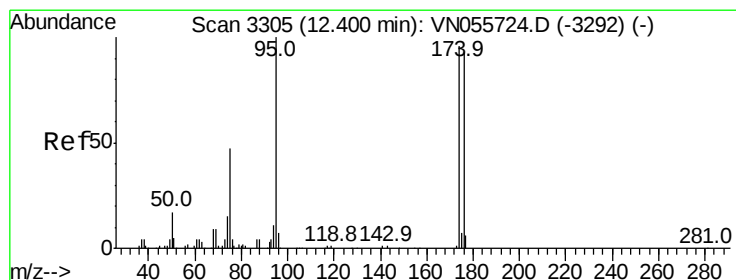
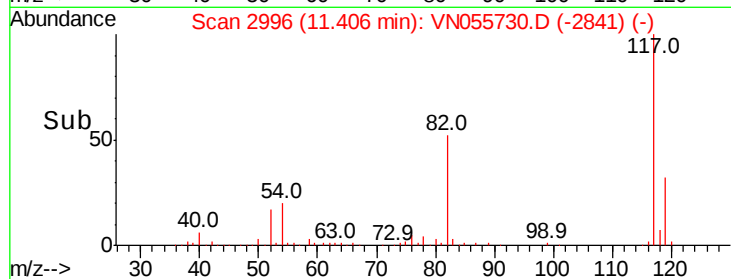
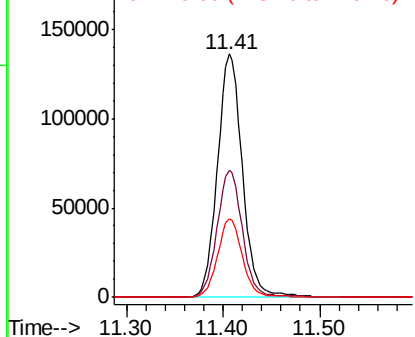
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN055730.D
 Acq: 22 May 2019 20:42

Instrument :
 MSVOA_N
 ClientSampled :
 55-ST-14

Tot Ion:117 Resp: 244402
 Ion Ratio Lower Upper
 117 100
 82 53.1 42.6 64.0
 119 32.1 25.9 38.9

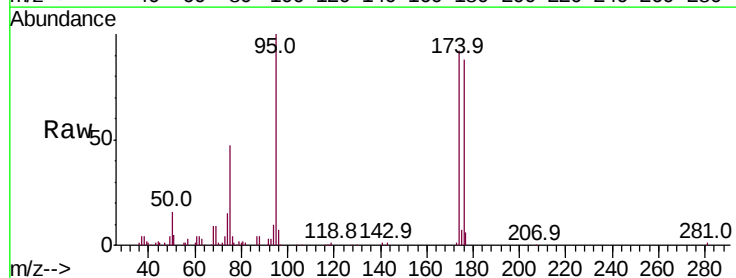


Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VN
 Ion 119.00 (118.70 to 119.70): V

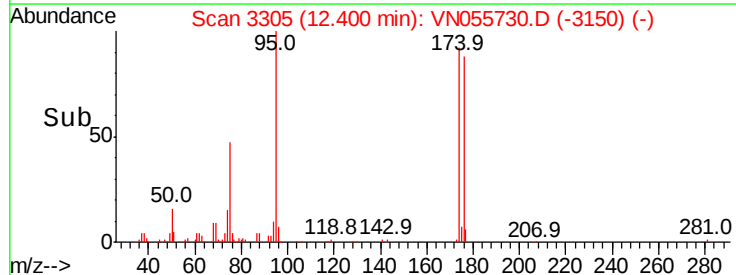
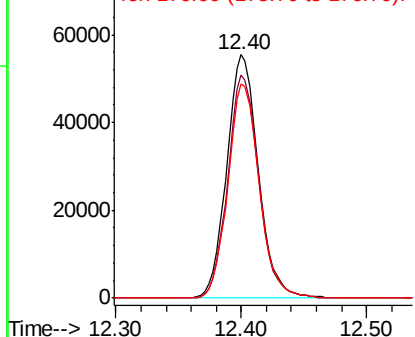


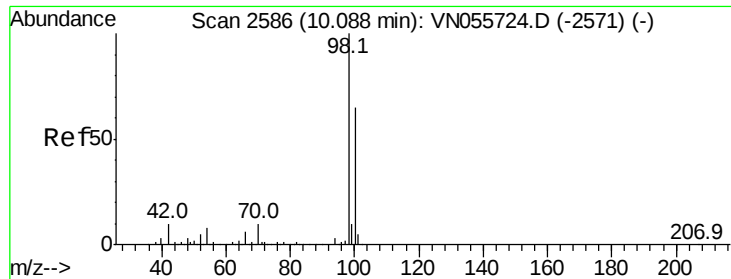
#60
 4-Bromofluorobenzene
 Concen: 25.446 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN055730.D
 Acq: 22 May 2019 20:42

Tgt Ion: 95 Resp: 96744
 Ion Ratio Lower Upper
 95 100
 174 90.2 75.7 113.5
 176 87.3 74.1 111.1



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





#63

Toluene-d8

Concen: 31.934 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055730.D

Acq: 22 May 2019 20:42

Instrument :

MSVOA_N

ClientSampleId :

55-ST-14

Tot Ion: 98 Resp: 356666

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4

