

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042619\
 Data File : VN055260.D
 Acq On : 25 Apr 2019 23:03
 Operator : JC/SP
 Sample : K2549-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-10

Quant Time: Apr 26 05:44:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N042619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 26 05:19:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	68155	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	356277	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	289672	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	161411	30.01	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.03%
60) 4-Bromofluorobenzene	12.40	95	95570	21.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	71.63%
63) Toluene-d8	10.09	98	427707	31.08	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.60%

Target Compounds

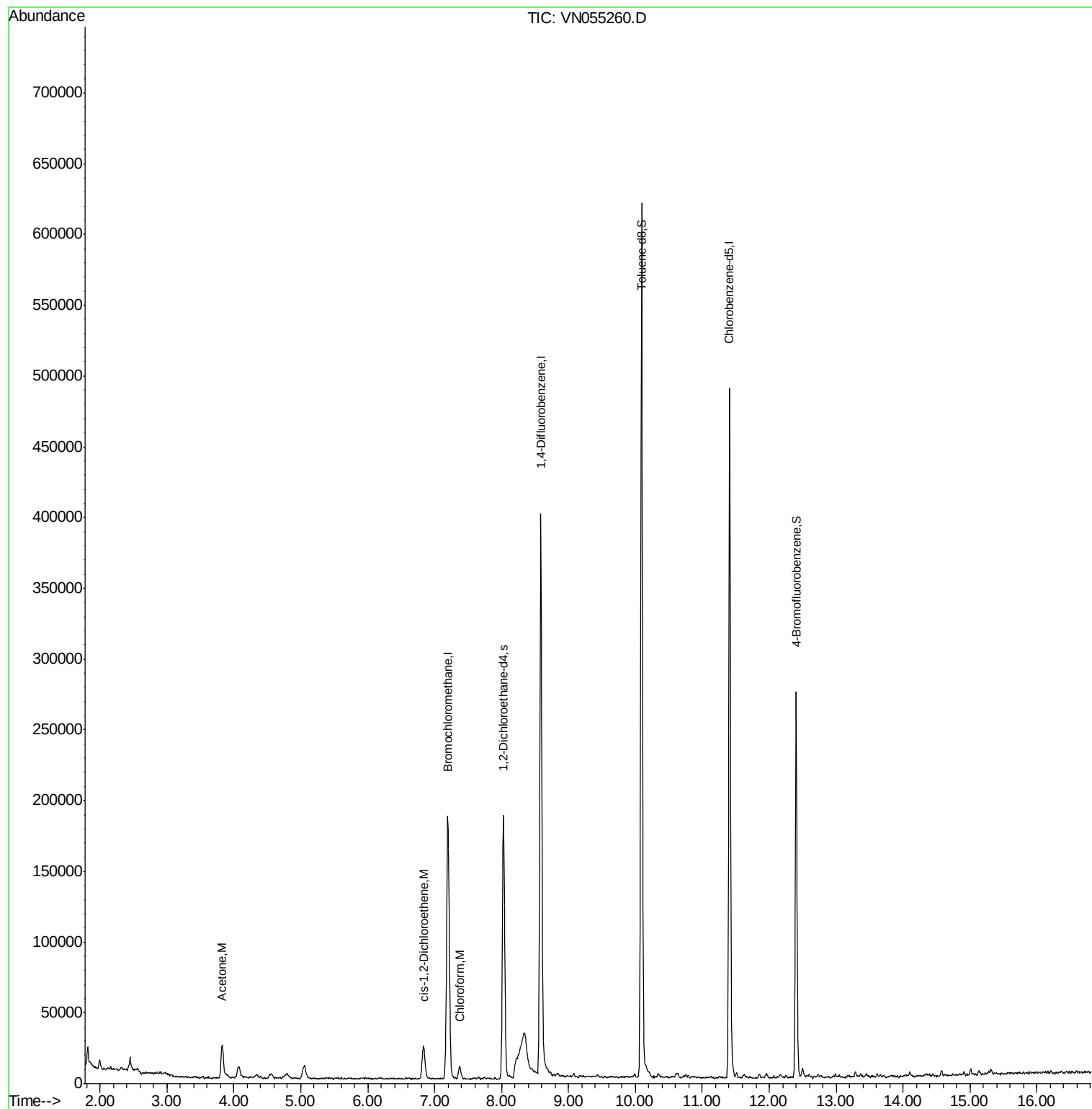
					Ovalue
15) Acetone	3.82	58	11435	24.947 ug/l	83
22) cis-1,2-Dichloroethene	6.83	96	13886	2.981 ug/l	83
25) Chloroform	7.38	83	9348	1.181 ug/l	98

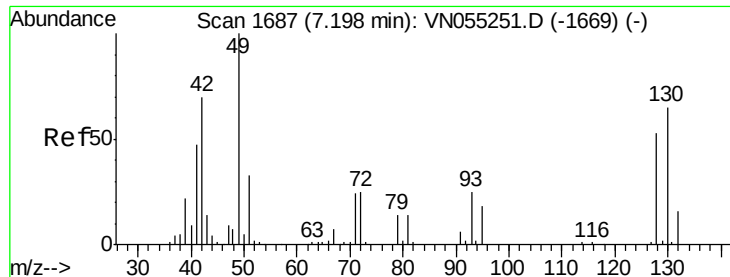
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042619\
Data File : VN055260.D
Acq On : 25 Apr 2019 23:03
Operator : JC/SP
Sample : K2549-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
55-ST-10

Quant Time: Apr 26 05:44:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N042619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 26 05:19:18 2019
Response via : Initial Calibration

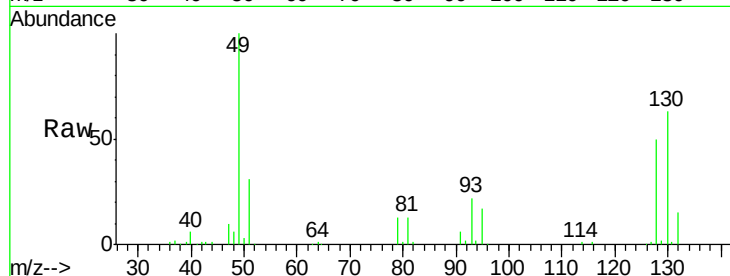




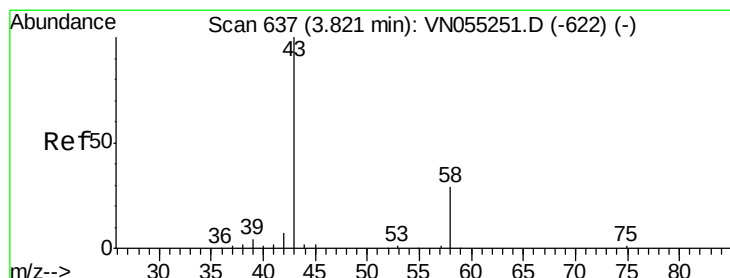
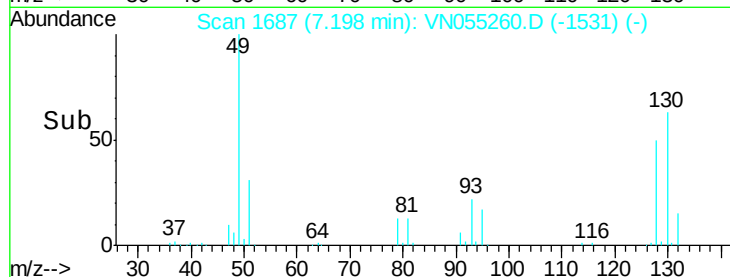
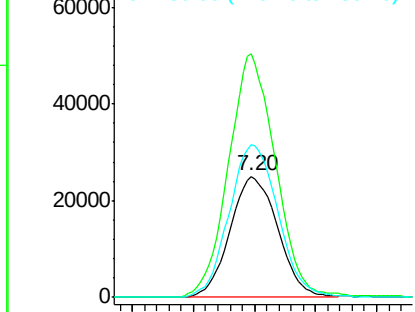
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN055260.D
 Acq: 25 Apr 2019 23:03

Instrument :
 MSVOA_N
 ClientSampled :
 55-ST-10

Tot Ion:128 Resp: 68155
 Ion Ratio Lower Upper
 128 100
 49 196.2 0.0 485.0
 130 128.9 0.0 324.7

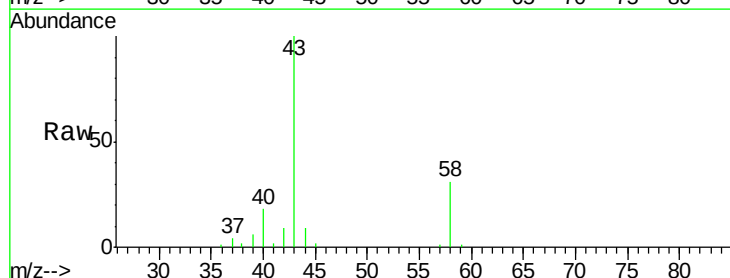


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VNO
 Ion 130.00 (129.70 to 130.70): V

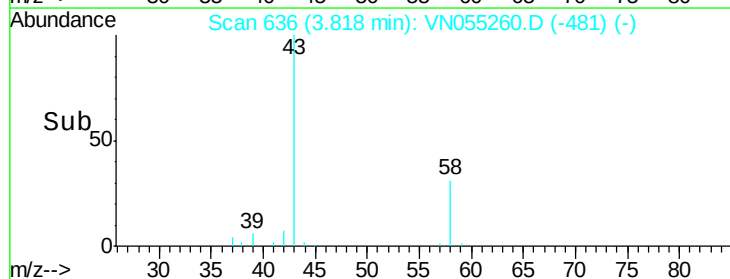
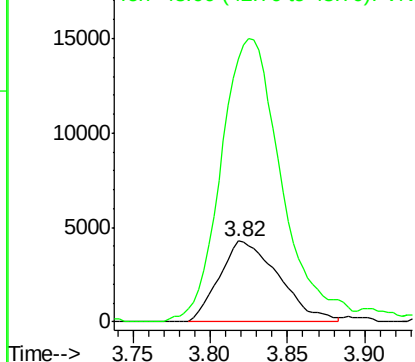


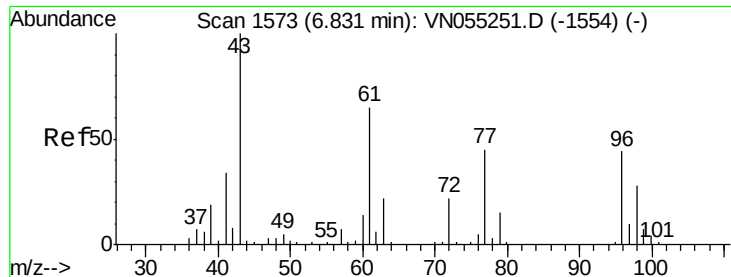
#15
 Acetone
 Concen: 24.947 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VN055260.D
 Acq: 25 Apr 2019 23:03

Tgt Ion: 58 Resp: 11435
 Ion Ratio Lower Upper
 58 100
 43 310.5 278.2 417.2



Abundance Ion 58.00 (57.70 to 58.70): VNO
 Ion 43.00 (42.70 to 43.70): VNO





#22

cis-1,2-Dichloroethene

Concen: 2.981 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055260.D

Acq: 25 Apr 2019 23:03

Instrument :

MSVOA_N

ClientSampleId :

55-ST-10

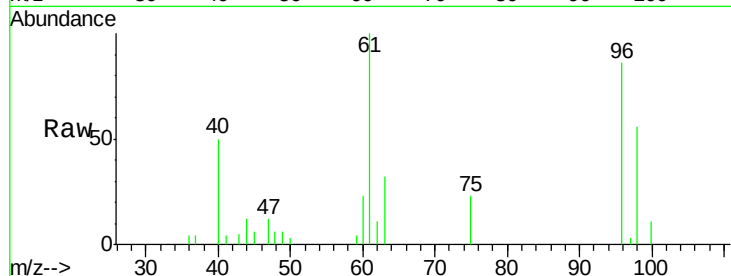
Tot Ion: 96 Resp: 13886

Ion Ratio Lower Upper

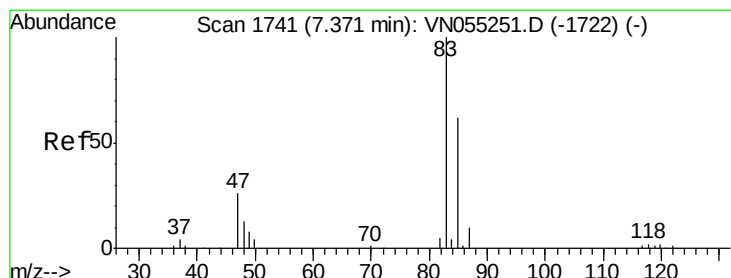
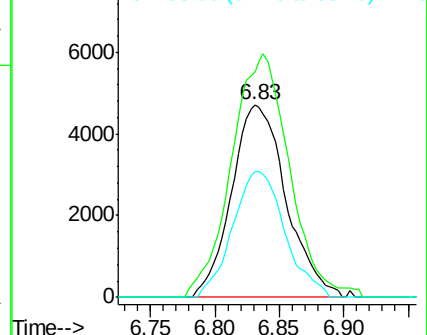
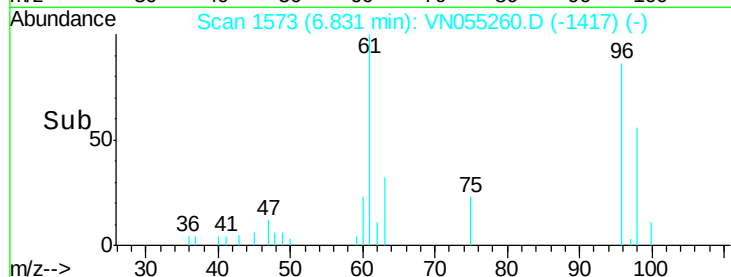
96 100

61 132.9 129.1 193.7

98 62.4 53.2 79.8



Abundance Ion 96.00 (95.70 to 96.70): VN055260.D (-1417) (-)



#25

Chloroform

Concen: 1.181 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN055260.D

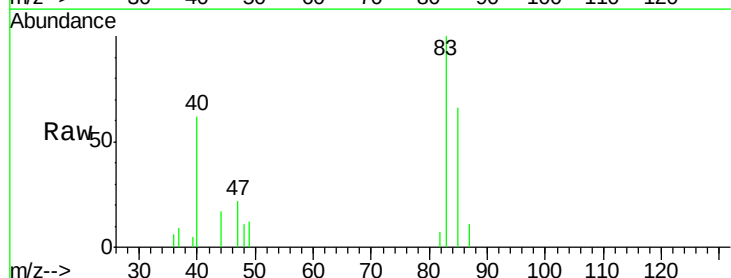
Acq: 25 Apr 2019 23:03

Tgt Ion: 83 Resp: 9348

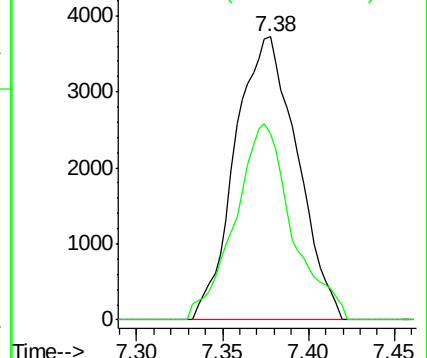
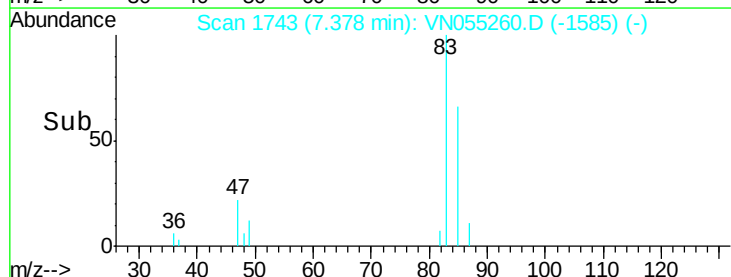
Ion Ratio Lower Upper

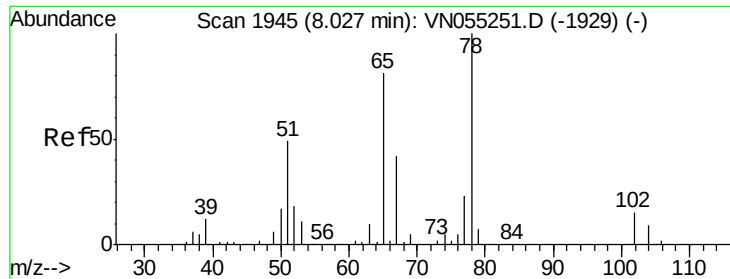
83 100

85 60.6 49.7 74.5



Abundance Ion 83.00 (82.70 to 83.70): VN055260.D (-1585) (-)

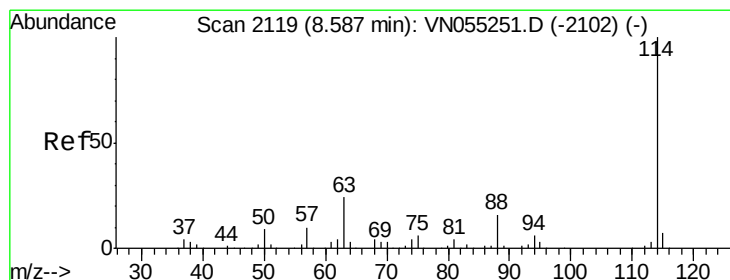
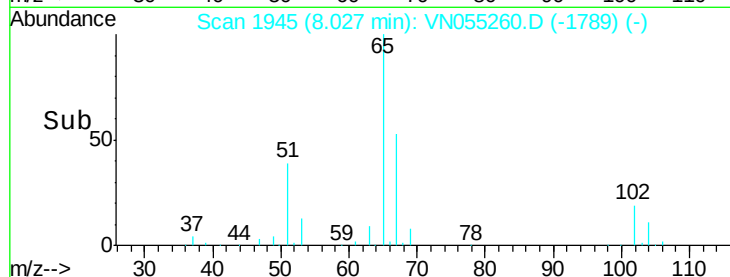
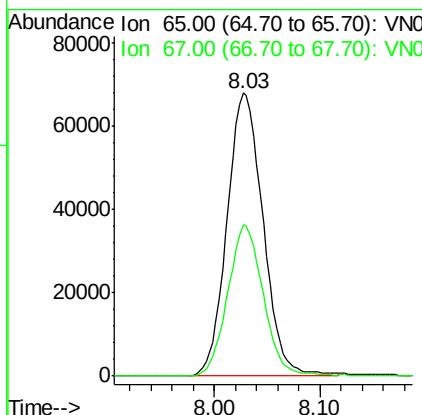
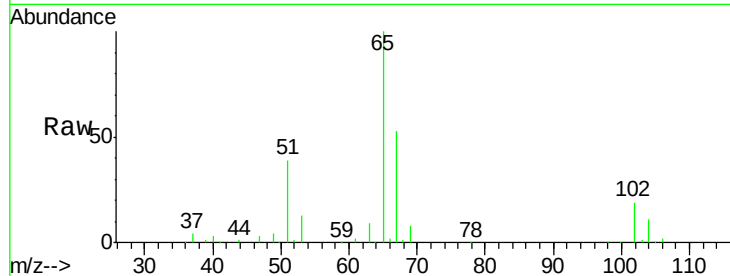




#27
 1,2-Dichloroethane-d4
 Concen: 30.005 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055260.D
 Acq: 25 Apr 2019 23:03

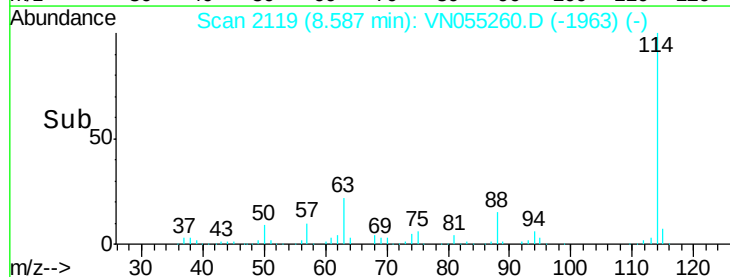
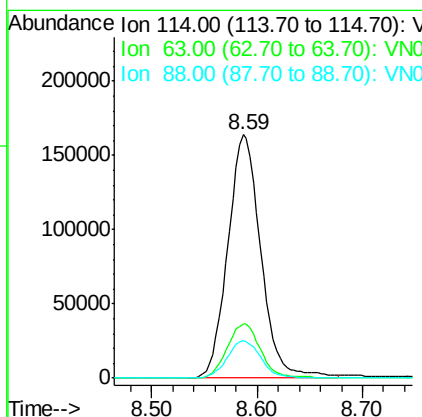
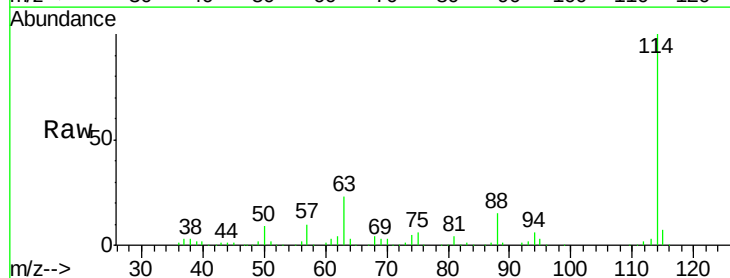
Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-10

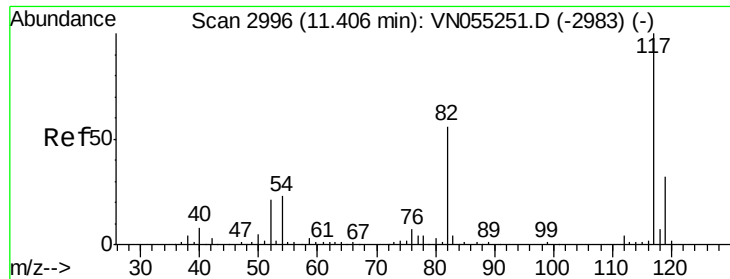
Tot Ion: 65 Resp: 161411
 Ion Ratio Lower Upper
 65 100
 67 52.0 41.9 62.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055260.D
 Acq: 25 Apr 2019 23:03

Tgt Ion: 114 Resp: 356277
 Ion Ratio Lower Upper
 114 100
 63 22.3 18.2 27.2
 88 15.5 12.6 18.8

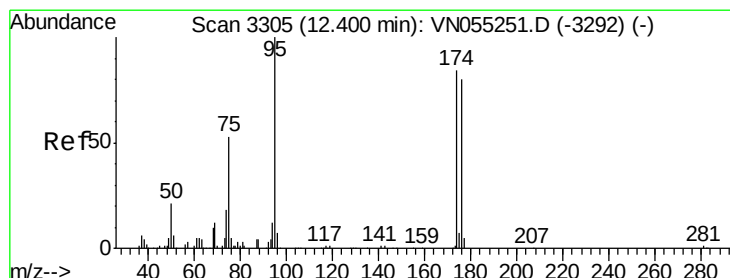
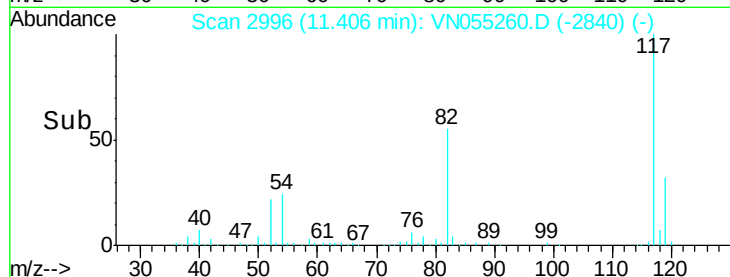
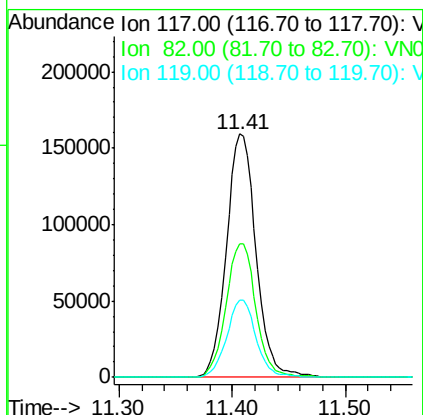
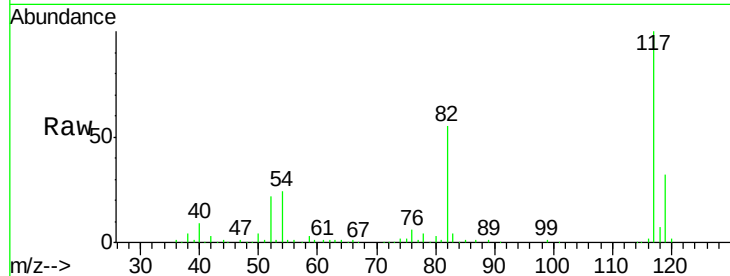




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055260.D
Acq: 25 Apr 2019 23:03

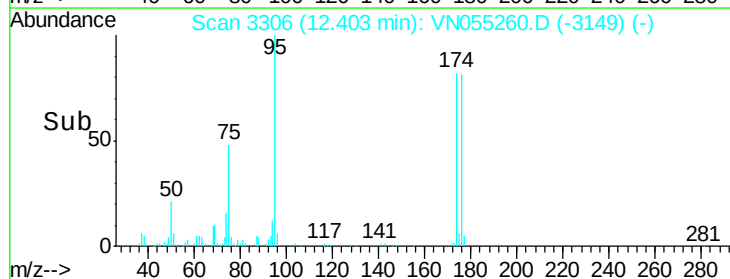
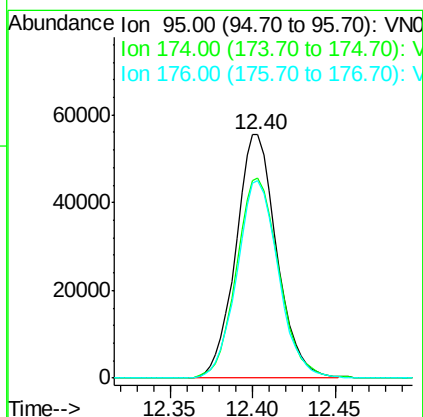
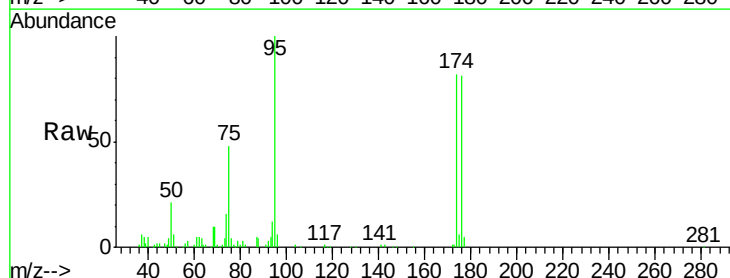
Instrument :
MSVOA_N
ClientSampled :
55-ST-10

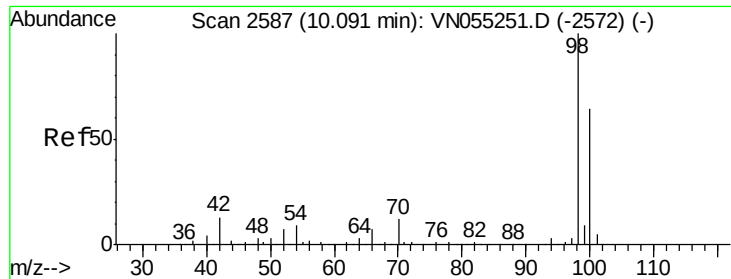
Tot Ion:117 Resp: 289672
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 31.6 25.4 38.0



#60
4-Bromofluorobenzene
Concen: 21.494 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN055260.D
Acq: 25 Apr 2019 23:03

Tgt Ion: 95 Resp: 95570
Ion Ratio Lower Upper
95 100
174 85.0 68.1 102.1
176 81.6 65.8 98.6





#63

Toluene-d8

Concen: 31.077 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055260.D

Acq: 25 Apr 2019 23:03

Instrument :

MSVOA_N

ClientSampleId :

55-ST-10

Tot Ion: 98 Resp: 427707

Ion Ratio Lower Upper

98 100

100 63.4 50.0 75.0

