

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061419\
 Data File : VN056306.D
 Acq On : 14 Jun 2019 11:48
 Operator : JC/SP
 Sample : K3338-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-17

Quant Time: Jun 14 23:31:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	59530	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	308927	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	250418	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	123822	33.49	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	111.63%
60) 4-Bromofluorobenzene	12.40	95	82843	22.32	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	74.40%
63) Toluene-d8	10.09	98	369217	32.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	108.33%

Target Compounds

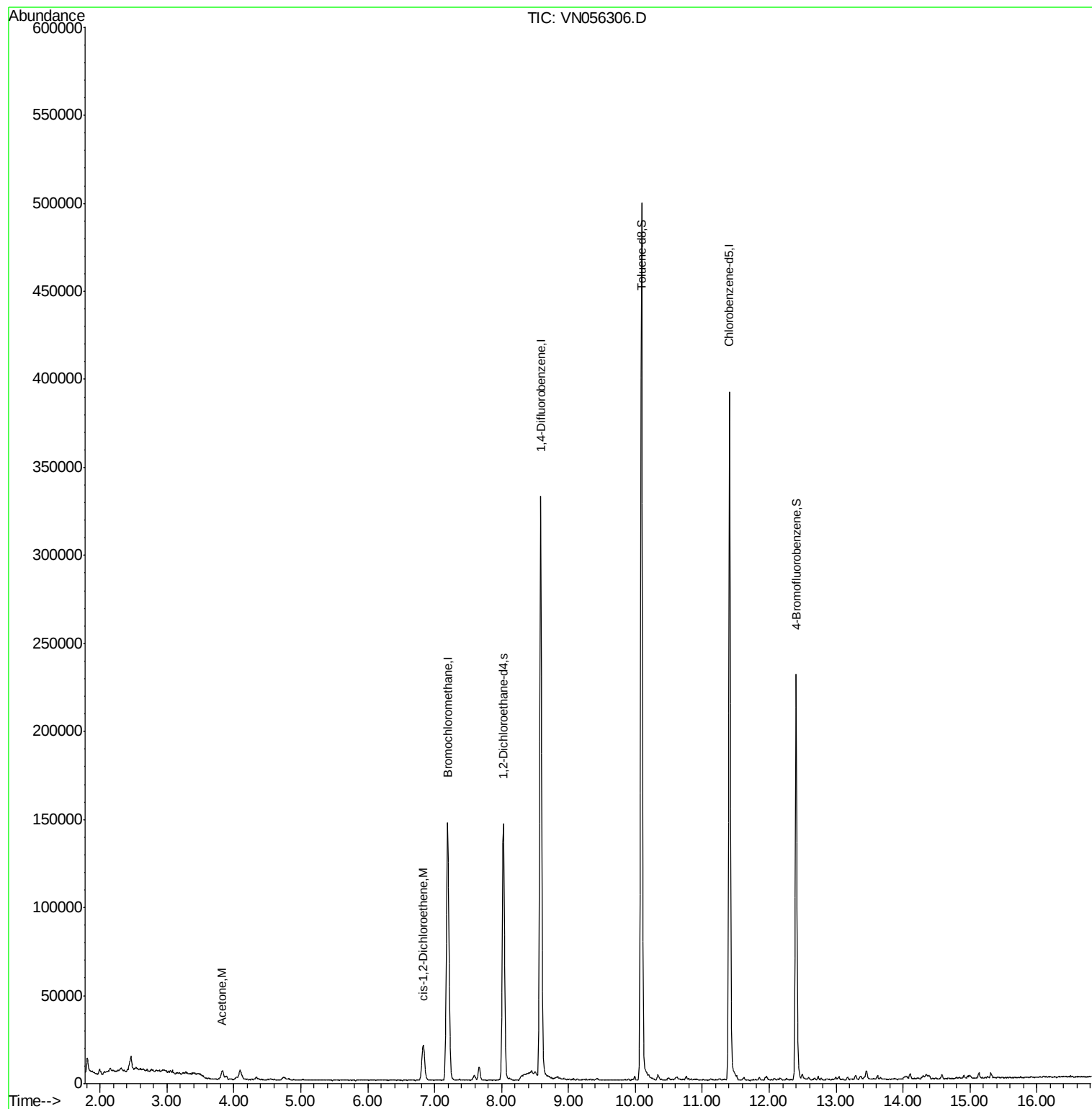
					Ovalue
15) Acetone	3.83	58	2679	4.913	ug/l 94
22) cis-1,2-Dichloroethene	6.83	96	14431	3.728	ug/l 94

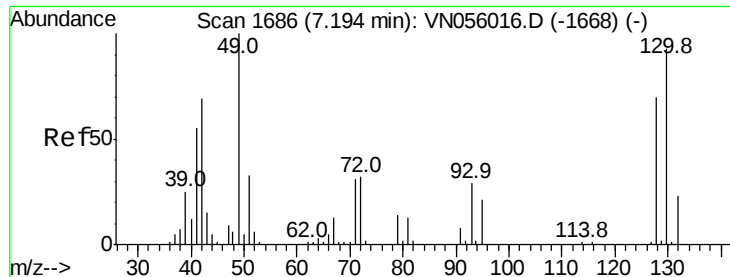
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061419\
Data File : VN056306.D
Acq On : 14 Jun 2019 11:48
Operator : JC/SP
Sample : K3338-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
55-ST-17

Quant Time: Jun 14 23:31:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jun 06 04:02:53 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: VN056306.D

Acq: 14 Jun 2019 11:48

Instrument :

MSVOA_N

ClientSampled :

55-ST-17

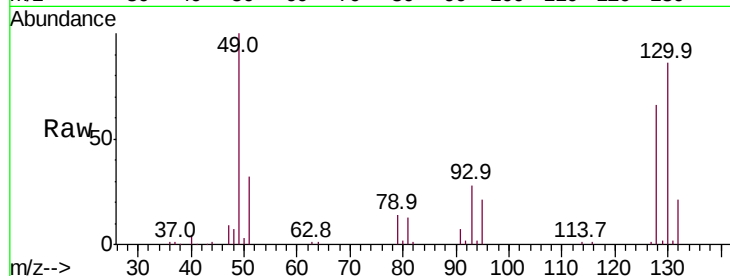
Tot Ion:128 Resp: 59530

Ion Ratio Lower Upper

128 100

49 153.9 0.0 355.8

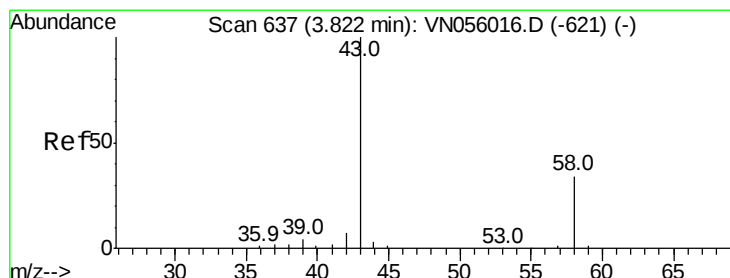
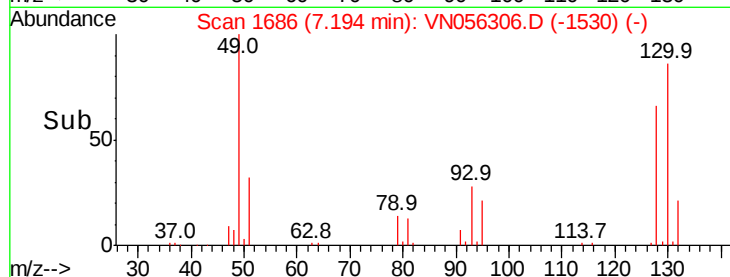
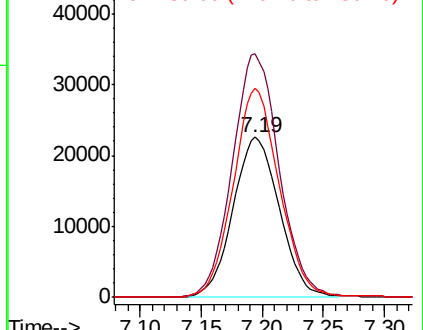
130 129.7 0.0 326.3



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: 4.913 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN056306.D

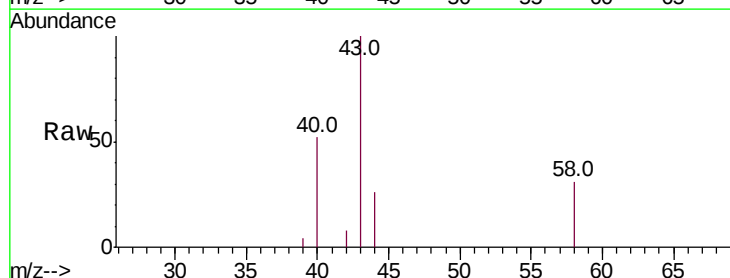
Acq: 14 Jun 2019 11:48

Tgt Ion: 58 Resp: 2679

Ion Ratio Lower Upper

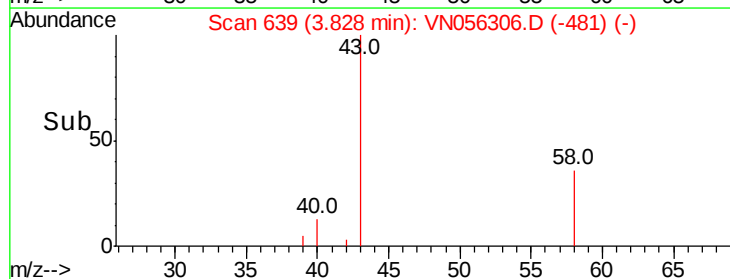
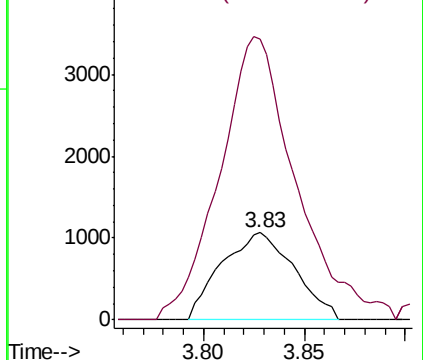
58 100

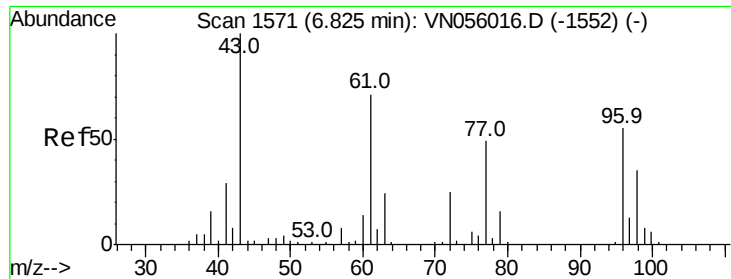
43 278.5 232.5 348.7



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: 3.728 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN056306.D

Acq: 14 Jun 2019 11:48

Instrument :

MSVOA_N

ClientSampled :

55-ST-17

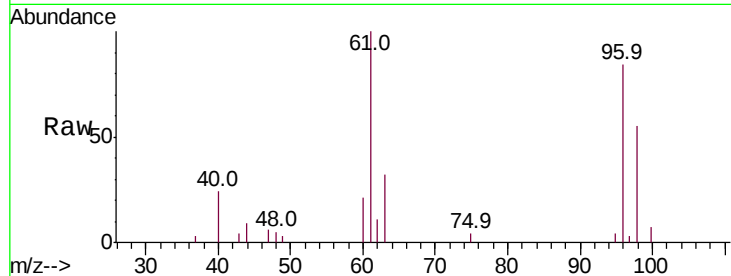
Tot Ion: 96 Resp: 14431

Ion Ratio Lower Upper

96 100

61 122.1 105.7 158.5

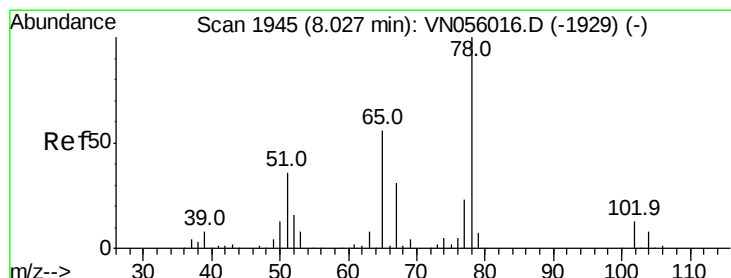
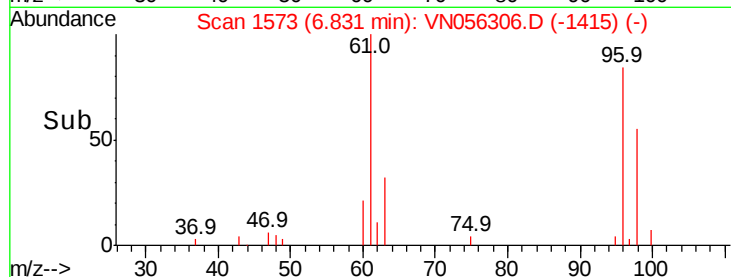
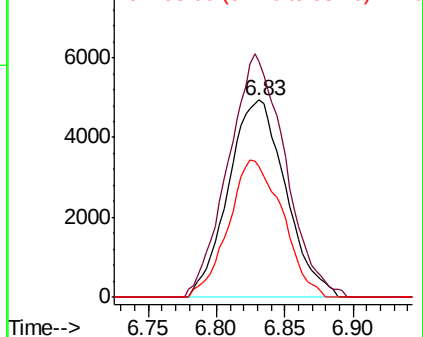
98 65.4 52.0 78.0



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



#27

1,2-Dichloroethane-d4

Concen: 33.495 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056306.D

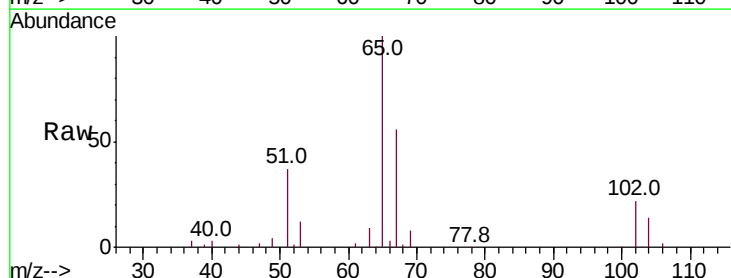
Acq: 14 Jun 2019 11:48

Tgt Ion: 65 Resp: 123822

Ion Ratio Lower Upper

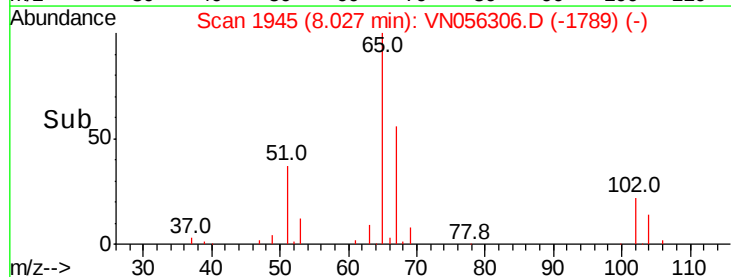
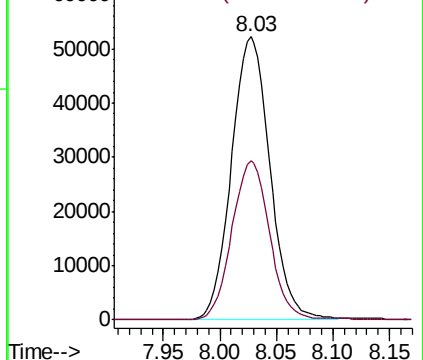
65 100

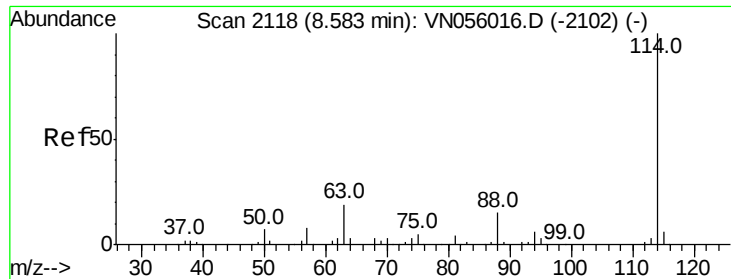
67 54.7 43.4 65.2



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

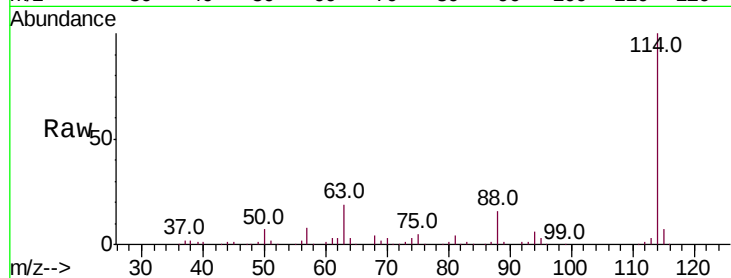




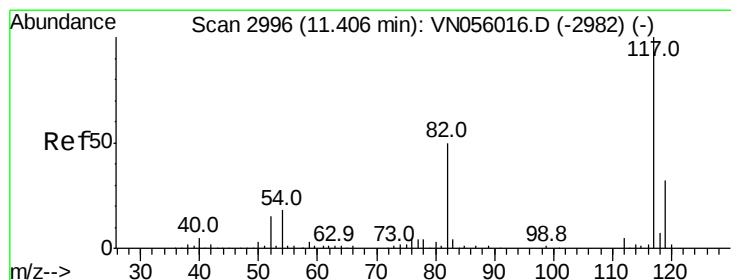
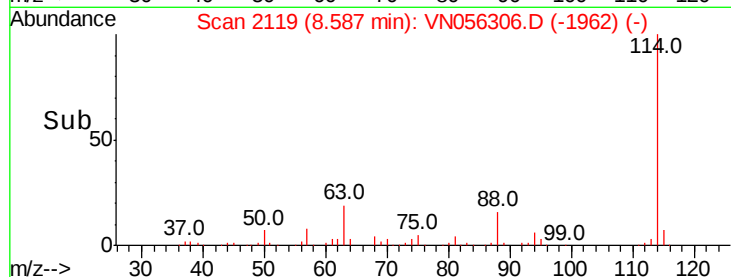
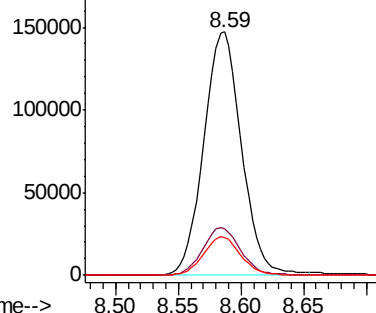
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056306.D
 Acq: 14 Jun 2019 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-17

Tot Ion:114 Resp: 308927
 Ion Ratio Lower Upper
 114 100
 63 19.6 14.7 22.1
 88 15.5 11.9 17.9

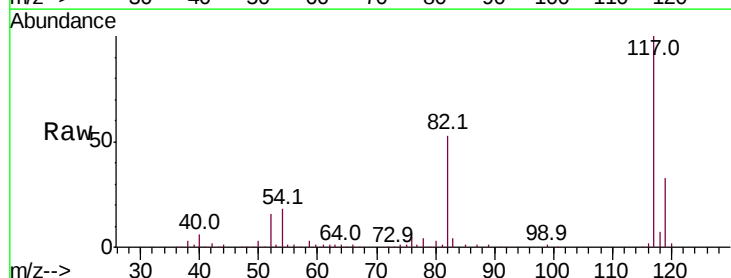


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

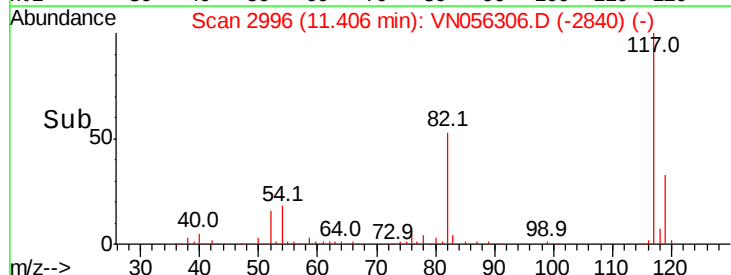
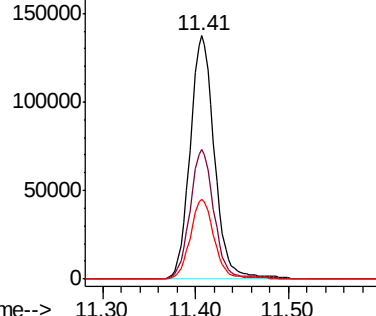


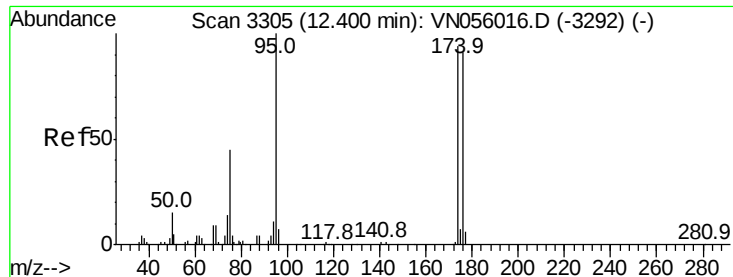
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN056306.D
 Acq: 14 Jun 2019 11:48

Tgt Ion:117 Resp: 250418
 Ion Ratio Lower Upper
 117 100
 82 52.0 41.2 61.8
 119 31.8 26.2 39.2



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

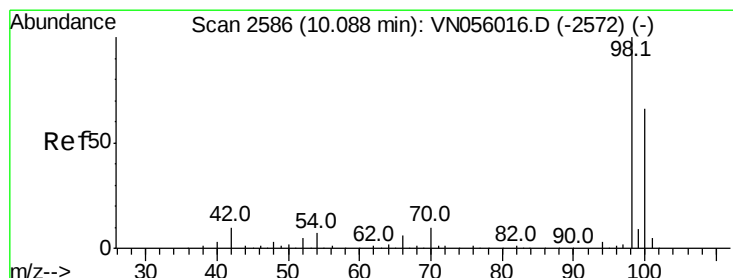
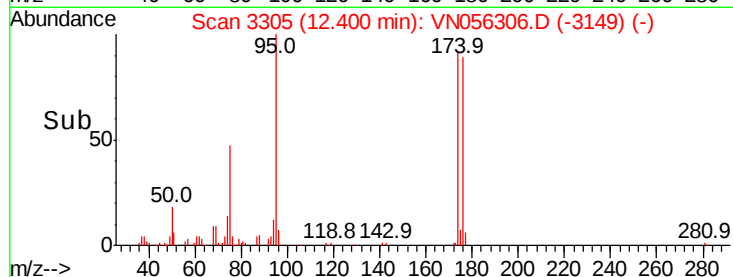
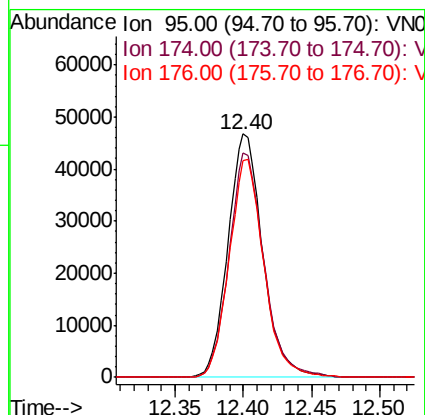
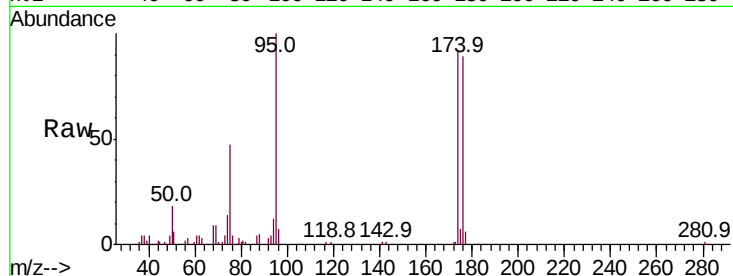




#60
4-Bromofluorobenzene
Concen: 22.319 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056306.D
Acq: 14 Jun 2019 11:48

Instrument :
MSVOA_N
ClientSampleId :
55-ST-17

Tot Ion: 95 Resp: 82843
Ion Ratio Lower Upper
95 100
174 92.1 75.4 113.0
176 89.0 73.9 110.9



#63
Toluene-d8
Concen: 32.502 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056306.D
Acq: 14 Jun 2019 11:48

Tgt Ion: 98 Resp: 369217
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4

