

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056240.D
 Acq On : 12 Jun 2019 11:12
 Operator : JC/SP
 Sample : K3297-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OF-2

Quant Time: Jun 13 04:57:59 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	7.20	128	50136	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	249840	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	205411	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	94360	30.31	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.03%
60) 4-Bromofluorobenzene	12.40	95	68348	22.45	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	74.83%
63) Toluene-d8	10.09	98	292501	31.39	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.63%

Target Compounds

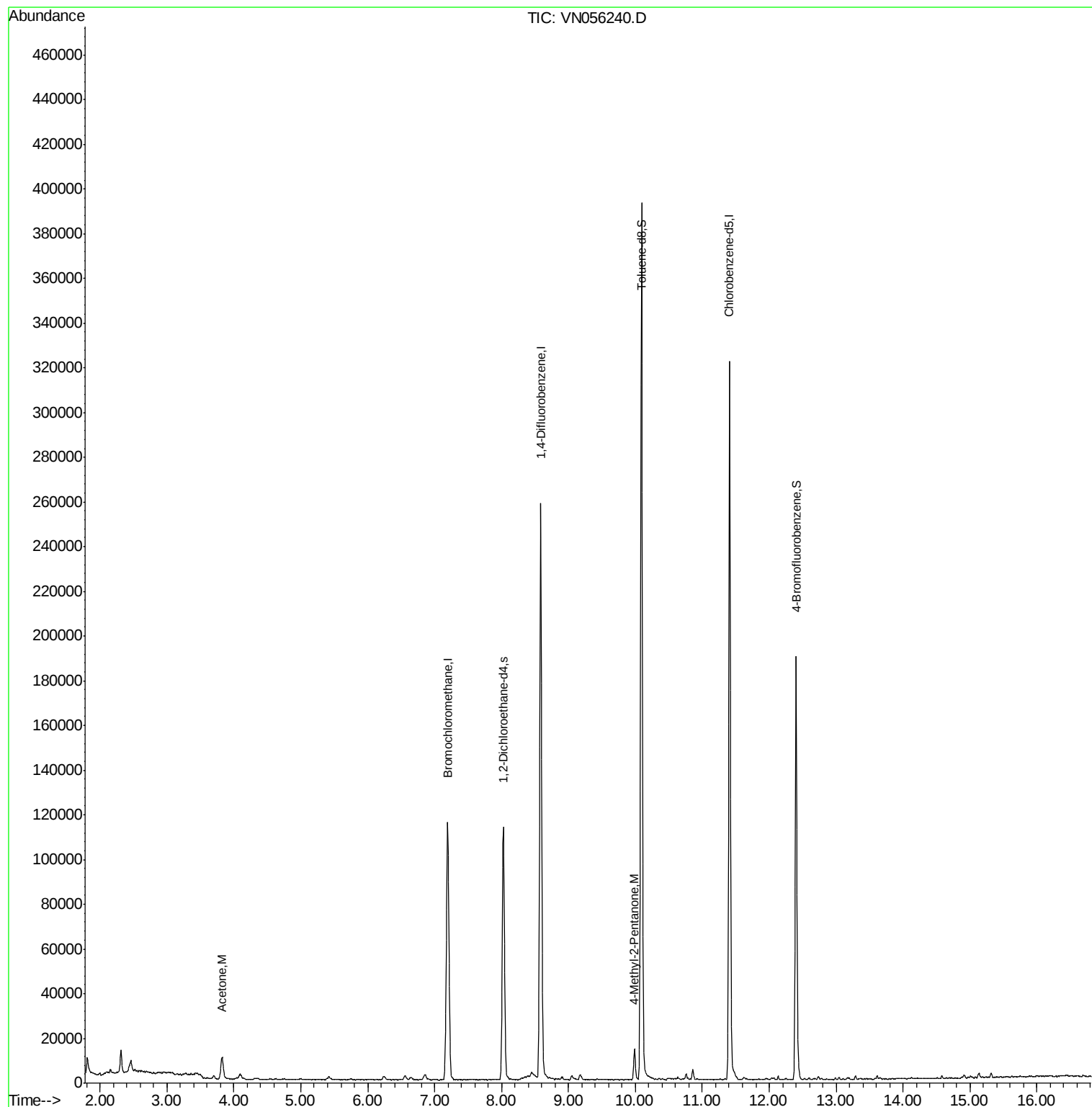
					Ovalue
15) Acetone	3.82	58	5850	12.739	ug/l 94
58) 4-Methyl-2-Pentanone	9.99	43	10378	3.337	ug/l 94

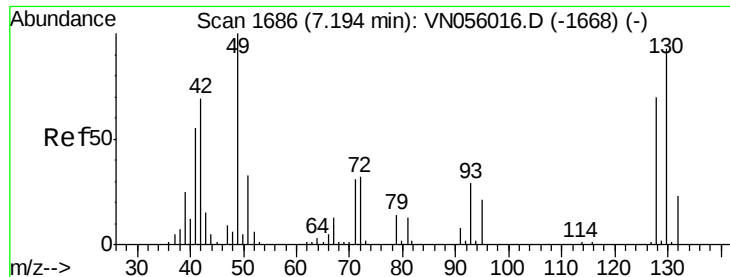
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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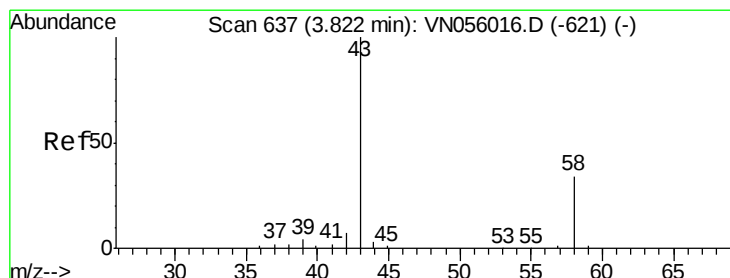
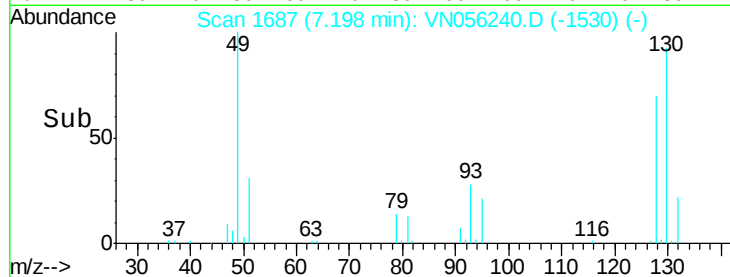
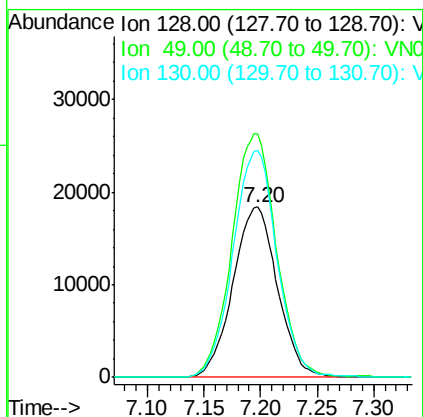
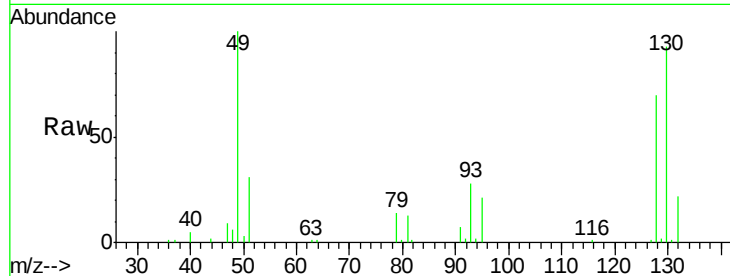




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN056240.D
Acq: 12 Jun 2019 11:12

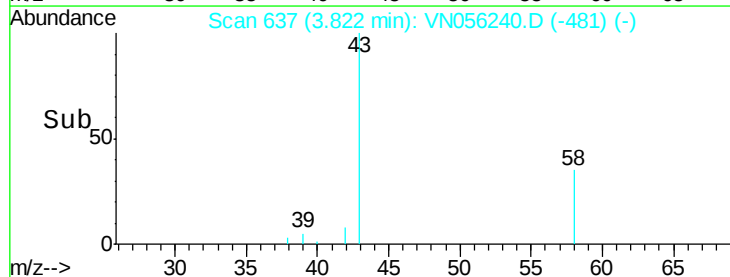
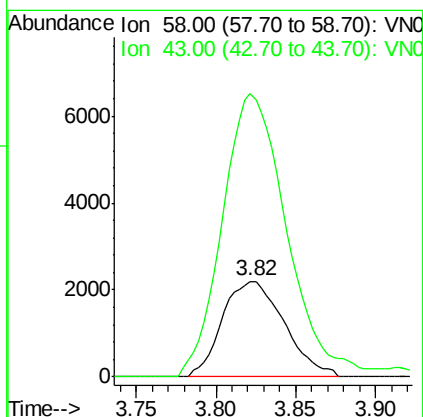
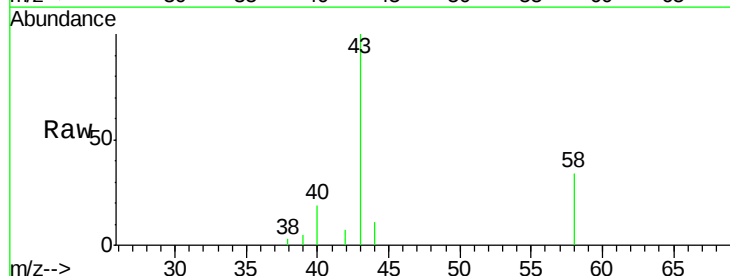
Instrument :
MSVOA_N
ClientSampled :
OF-2

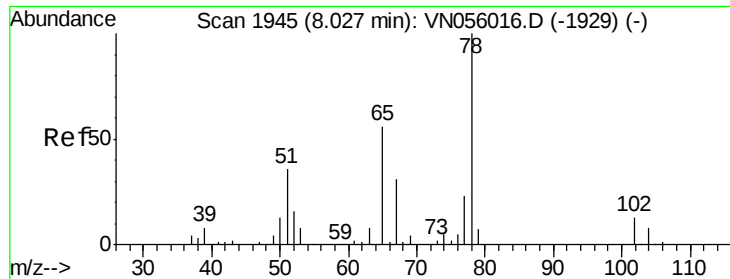
Tot Ion:128 Resp: 50136
Ion Ratio Lower Upper
128 100
49 143.3 0.0 355.8
130 132.4 0.0 326.3



#15
Acetone
Concen: 12.739 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN056240.D
Acq: 12 Jun 2019 11:12

Tgt Ion: 58 Resp: 5850
Ion Ratio Lower Upper
58 100
43 279.0 232.5 348.7

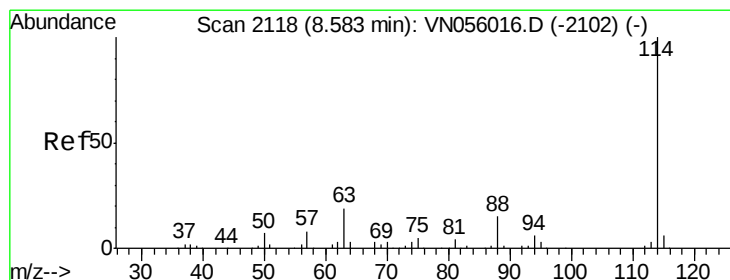
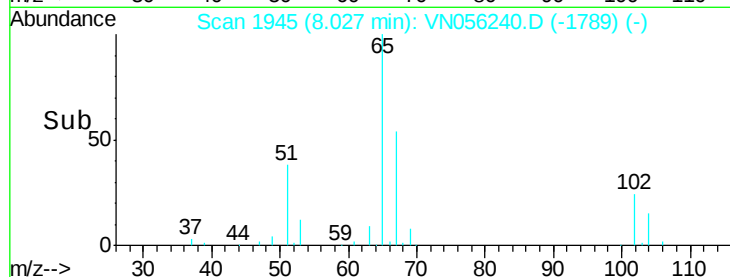
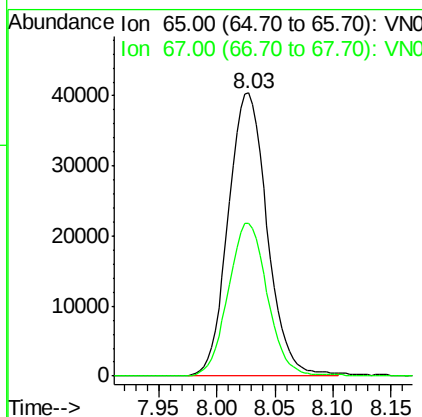
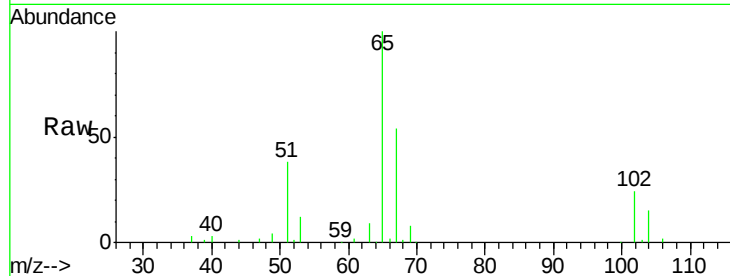




#27
 1,2-Dichloroethane-d4
 Concen: 30.308 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056240.D
 Acq: 12 Jun 2019 11:12

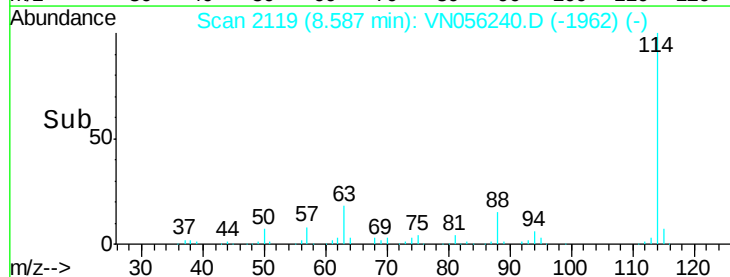
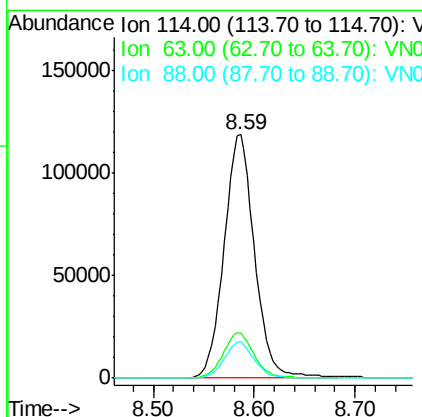
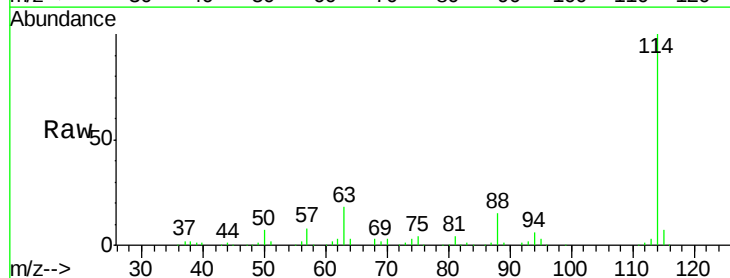
Instrument :
 MSVOA_N
 ClientSampleId :
 OF-2

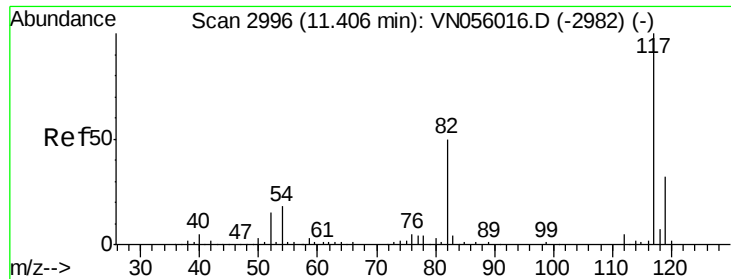
Tot Ion: 65 Resp: 94360
 Ion Ratio Lower Upper
 65 100
 67 54.2 43.4 65.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056240.D
 Acq: 12 Jun 2019 11:12

Tgt Ion: 114 Resp: 249840
 Ion Ratio Lower Upper
 114 100
 63 18.9 14.7 22.1
 88 14.5 11.9 17.9

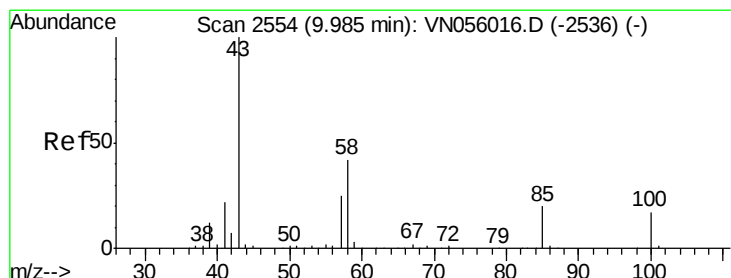
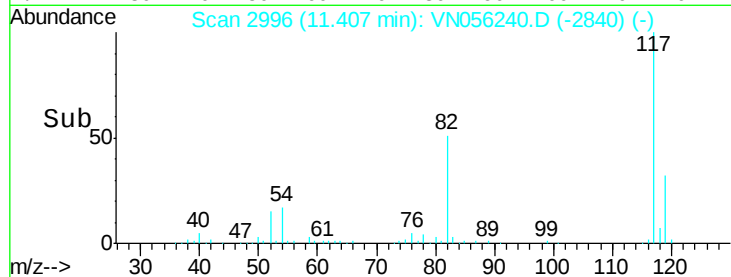
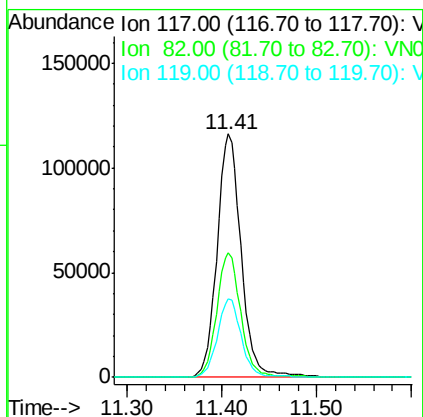
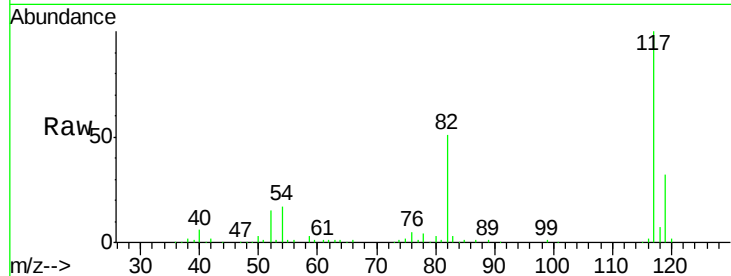




#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN056240.D
 Acq: 12 Jun 2019 11:12

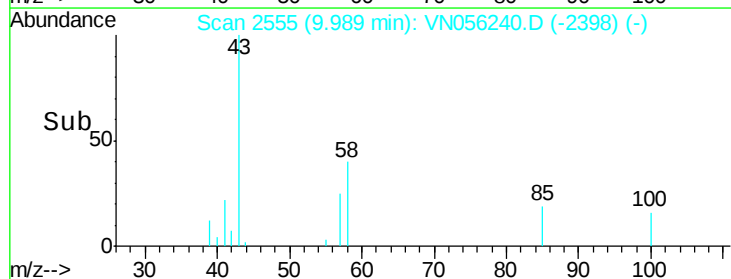
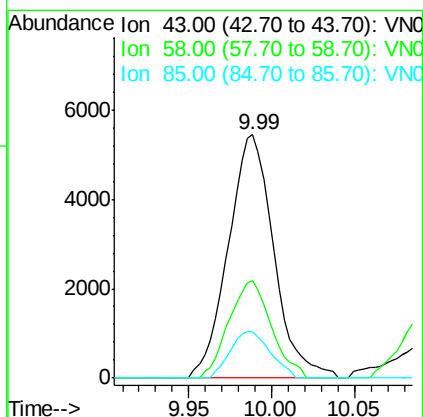
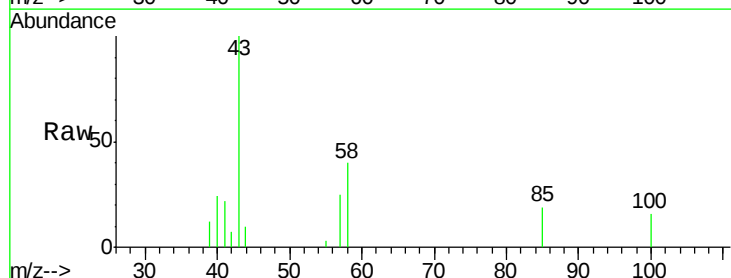
Instrument :
 MSVOA_N
 ClientSampled :
 OF-2

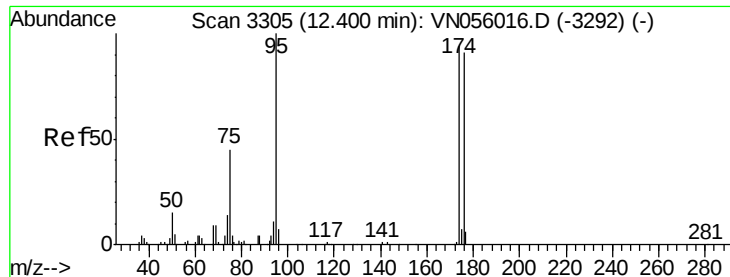
Tot Ion:117 Resp: 205411
 Ion Ratio Lower Upper
 117 100
 82 50.9 41.2 61.8
 119 31.6 26.2 39.2



#58
 4-Methyl-2-Pentanone
 Concen: 3.337 ug/l
 RT: 9.99 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: VN056240.D
 Acq: 12 Jun 2019 11:12

Tgt Ion: 43 Resp: 10378
 Ion Ratio Lower Upper
 43 100
 58 37.4 33.1 49.7
 85 16.8 15.5 23.3

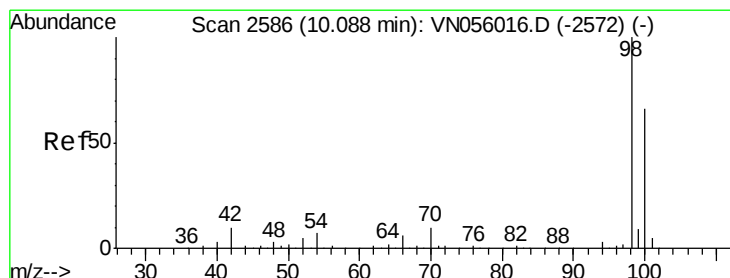
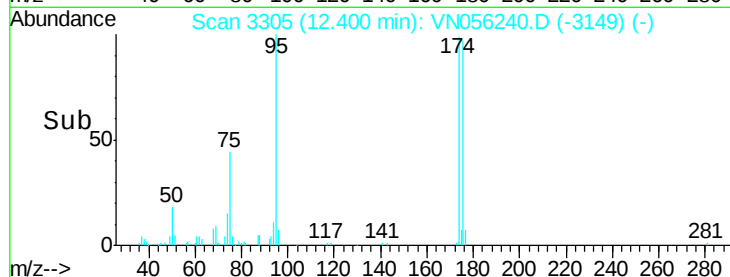
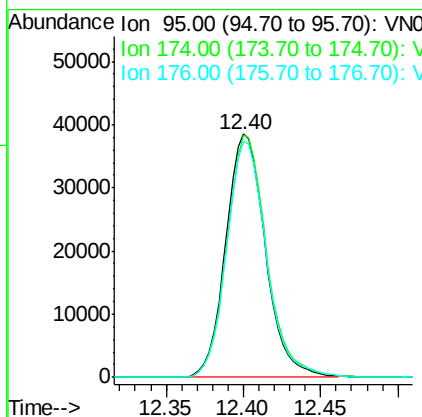
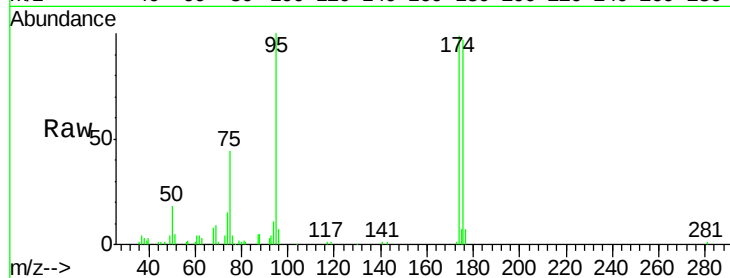




#60
 4-Bromofluorobenzene
 Concen: 22.449 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056240.D
 Acq: 12 Jun 2019 11:12

Instrument :
 MSVOA_N
 ClientSampled :
 OF-2

Tot Ion: 95 Resp: 68348
 Ion Ratio Lower Upper
 95 100
 174 100.2 75.4 113.0
 176 97.1 73.9 110.9



#63
 Toluene-d8
 Concen: 31.391 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN056240.D
 Acq: 12 Jun 2019 11:12

Tgt Ion: 98 Resp: 292501
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.2 78.4

