

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010419\
 Data File : VN053282.D
 Acq On : 4 Jan 2019 15:17
 Operator : MD\SY
 Sample : K1046-02 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE(JAN)

Quant Time: Jan 05 00:19:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N122818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 28 10:33:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	135865	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	773567	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	690416	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.02	65	260640	30.20	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	100.67%	
60) 4-Bromofluorobenzene	12.40	95	312820	29.61	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	98.70%	
63) Toluene-d8	10.09	98	906433	29.14	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	97.13%	

Target Compounds

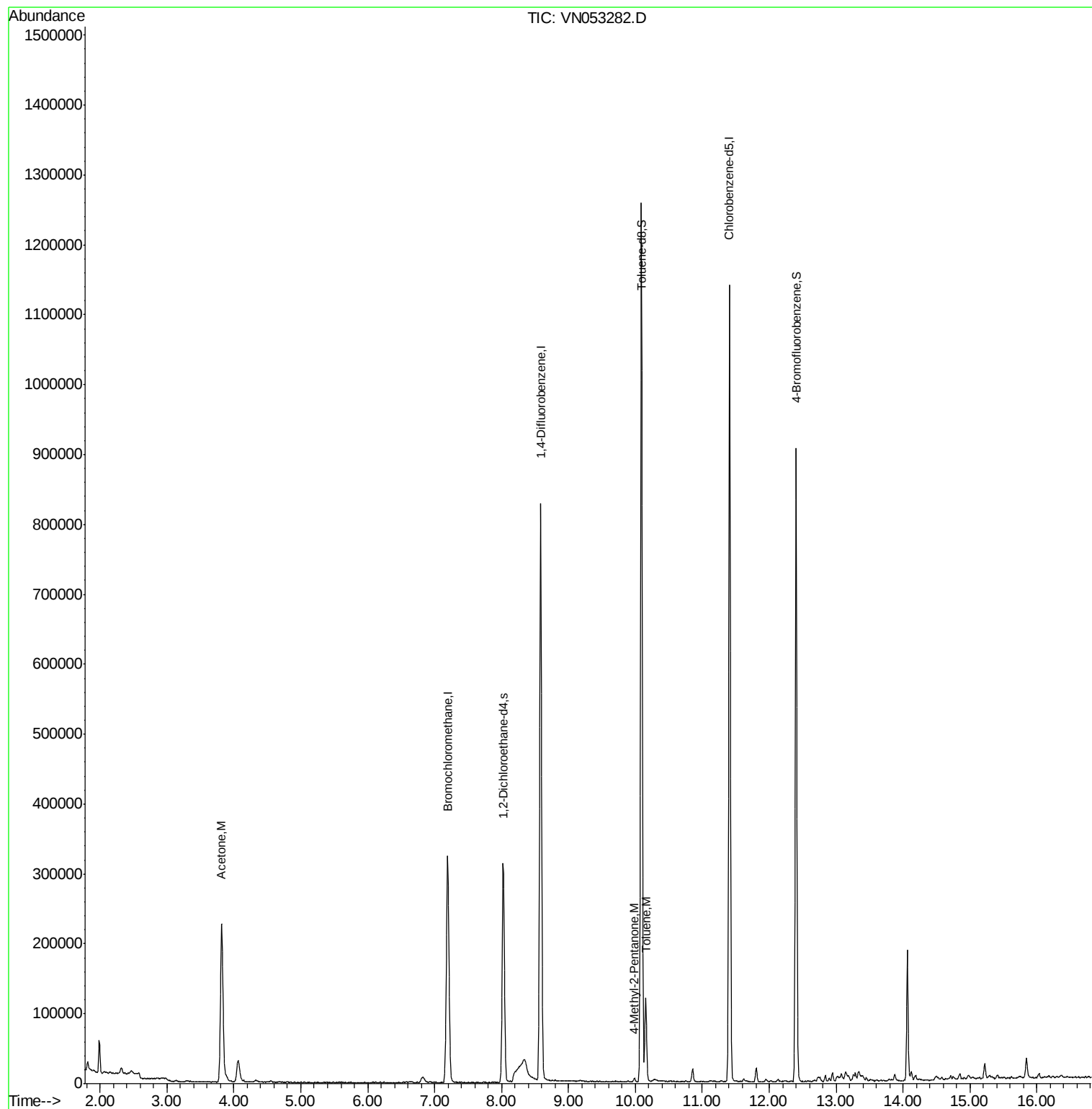
					Ovalue
15) Acetone	3.82	58	133212	227.069 ug/l	97
58) 4-Methyl-2-Pentanone	9.99	43	3010	0.458 ug/l	98
62) Toluene	10.16	91	92144	2.434 ug/l	99

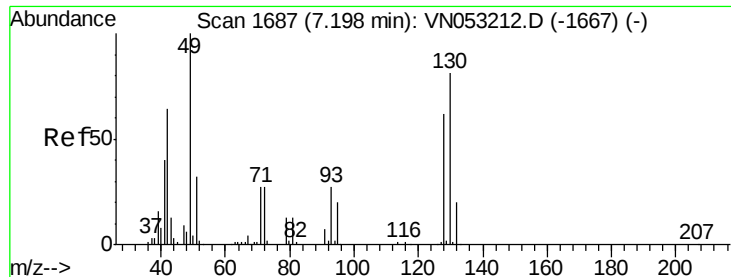
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VN053282.D

Acq: 4 Jan 2019 15:17

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MSVOA_N

ClientSampleId :

002M-35TH-AVE(JAN)

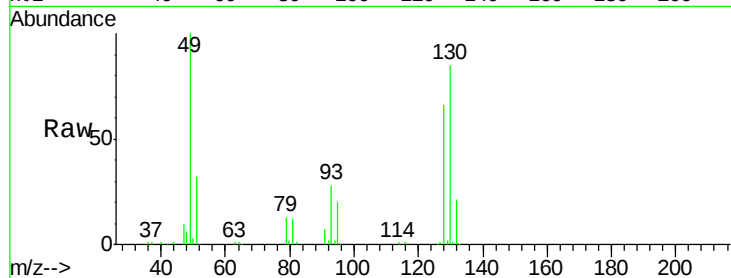
Tot Ion:128 Resp: 135865

Ion Ratio Lower Upper

128 100

49 154.4 0.0 431.8

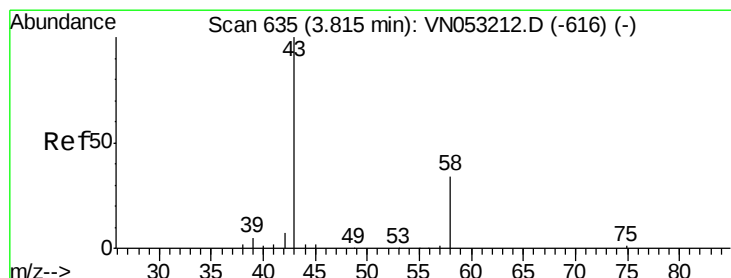
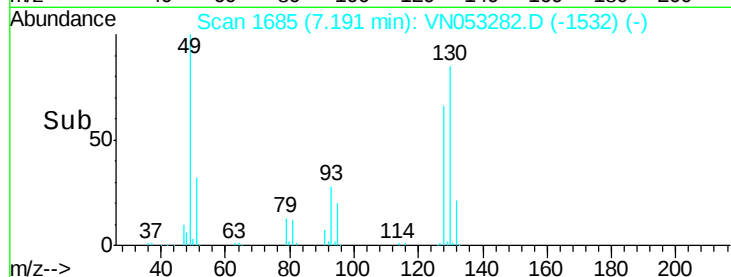
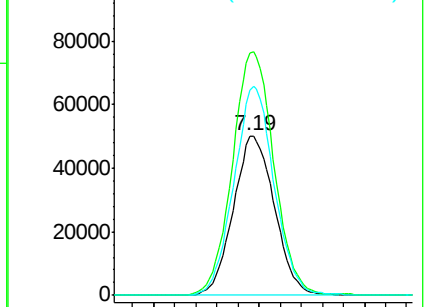
130 129.0 0.0 317.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 227.069 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN053282.D

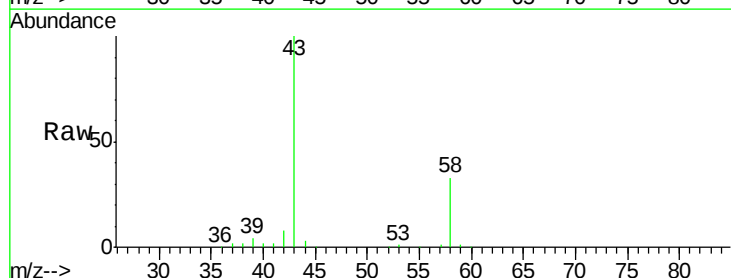
Acq: 4 Jan 2019 15:17

Tgt Ion: 58 Resp: 133212

Ion Ratio Lower Upper

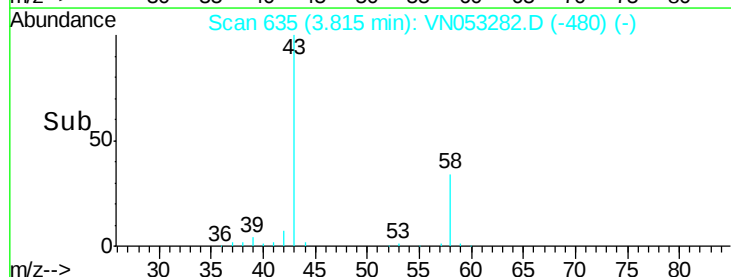
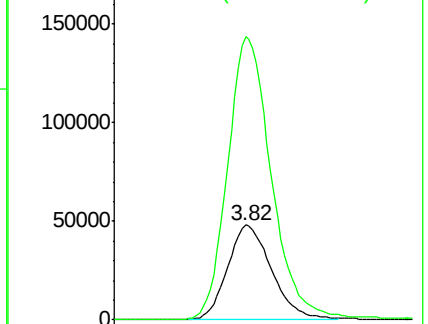
58 100

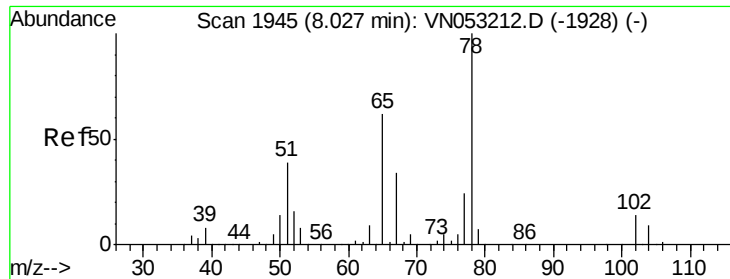
43 297.6 243.6 365.4



Abundance Ion 58.00 (57.70 to 58.70): VN

Ion 43.00 (42.70 to 43.70): VN

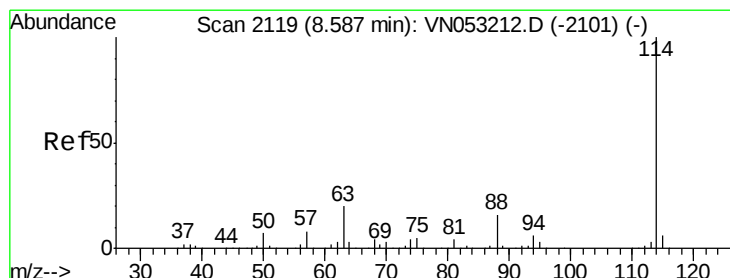
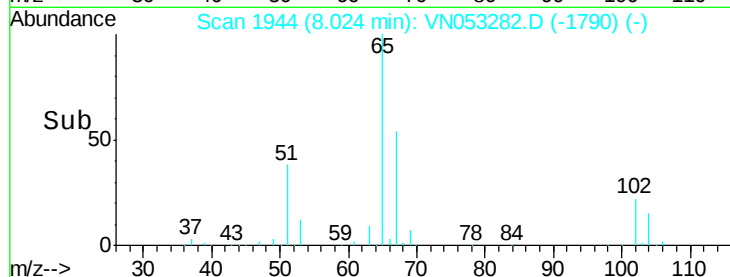
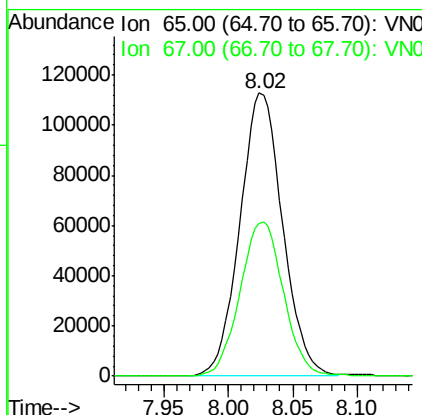
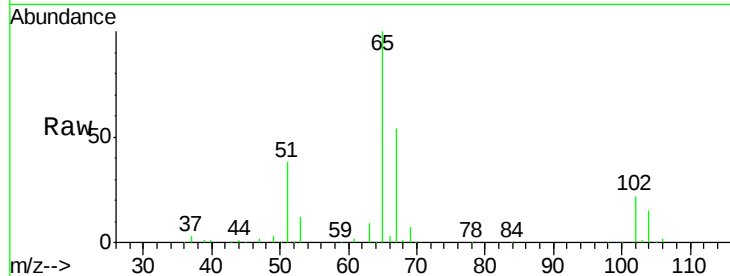




#27
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN053282.D
 Acq: 4 Jan 2019 15:17

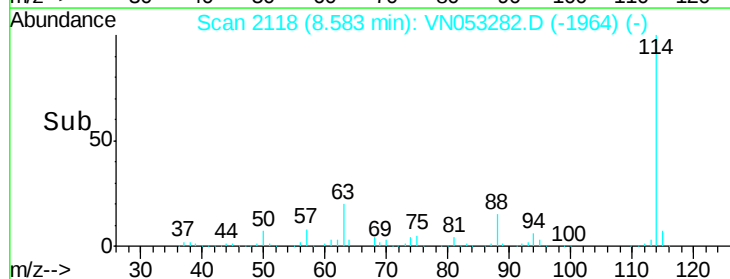
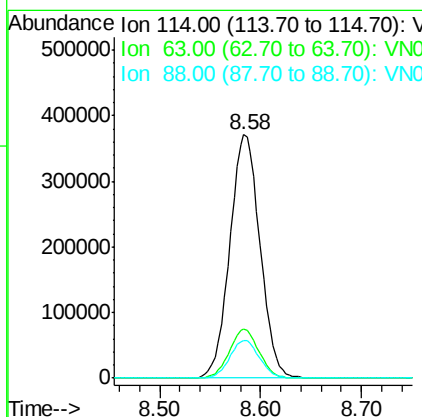
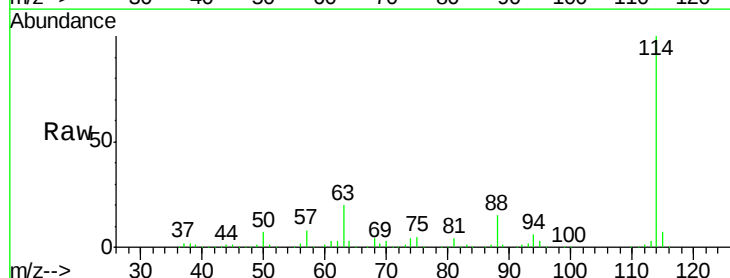
Instrument :
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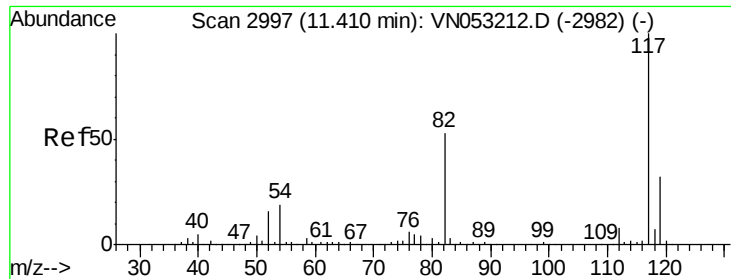
Tot Ion: 65 Resp: 260640
 Ion Ratio Lower Upper
 65 100
 67 55.2 44.6 66.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053282.D
 Acq: 4 Jan 2019 15:17

Tgt Ion: 114 Resp: 773567
 Ion Ratio Lower Upper
 114 100
 63 19.7 16.9 25.3
 88 15.3 12.8 19.2

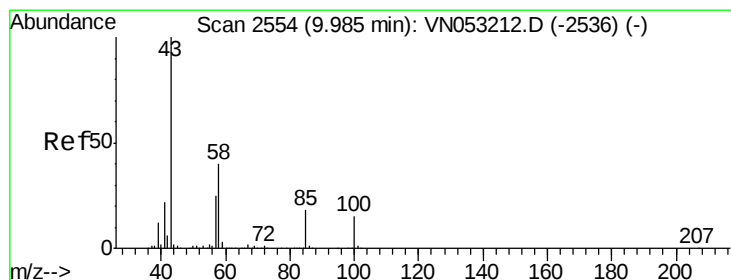
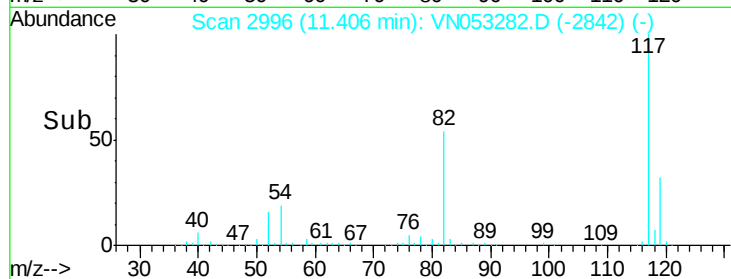
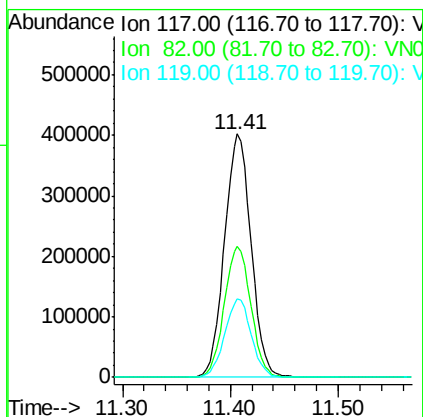
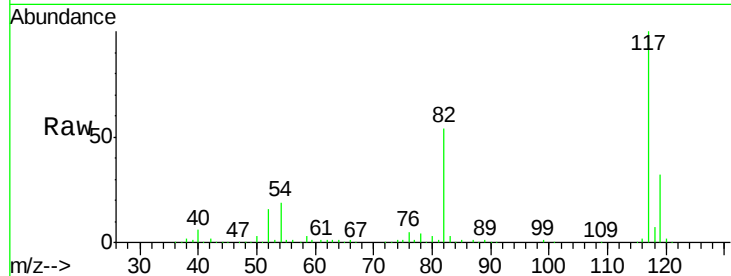




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053282.D
Acq: 4 Jan 2019 15:17

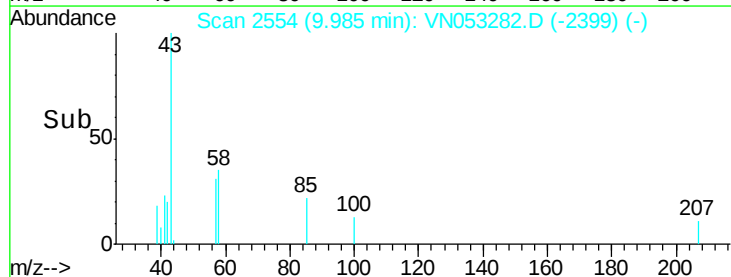
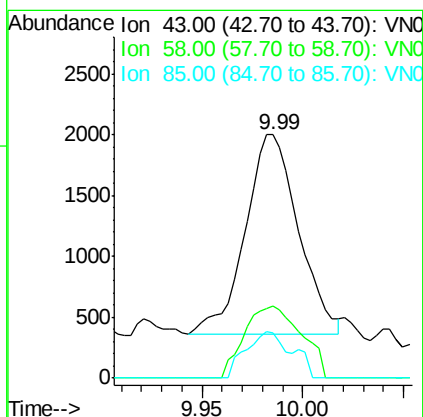
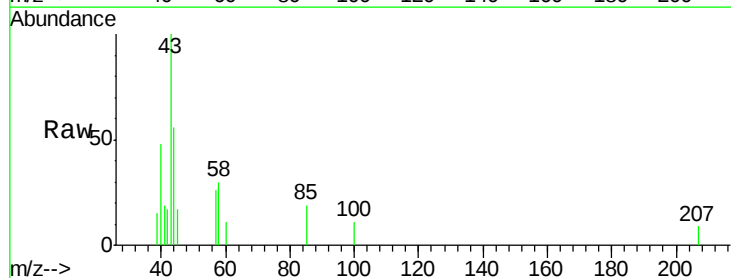
Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(JAN)

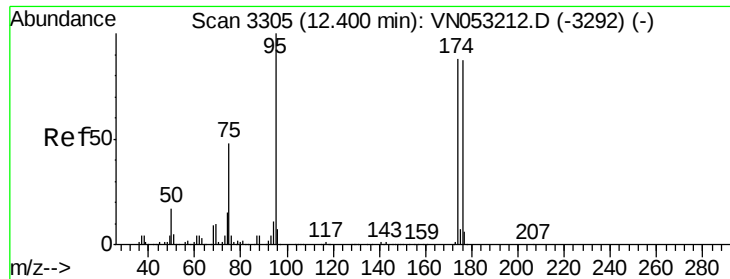
Tot Ion:117 Resp: 690416
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.2 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 0.458 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN053282.D
Acq: 4 Jan 2019 15:17

Tgt Ion: 43 Resp: 3010
Ion Ratio Lower Upper
43 100
58 38.6 31.6 47.4
85 17.4 13.3 19.9

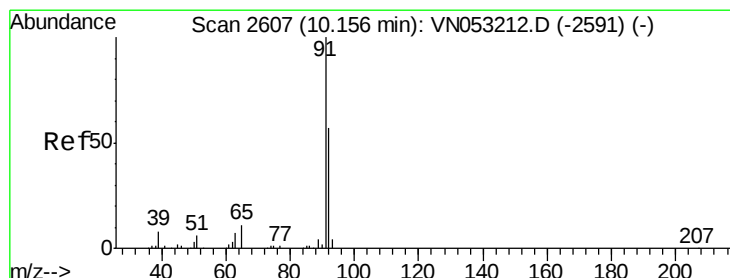
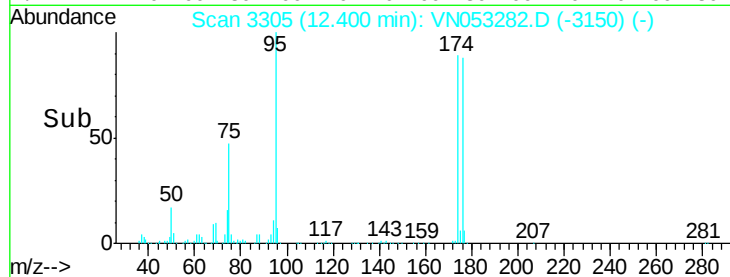
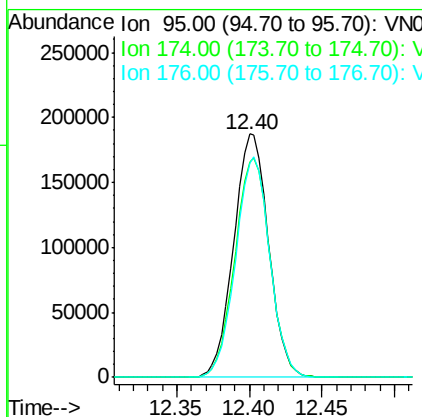
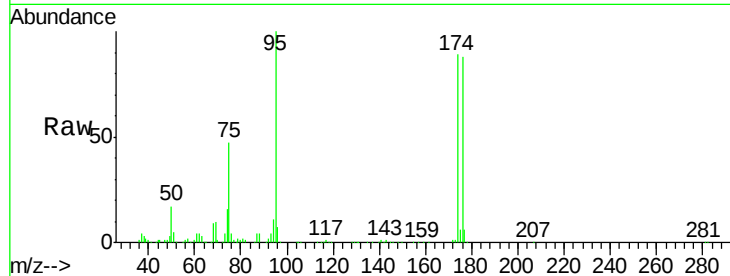




#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053282.D
Acq: 4 Jan 2019 15:17

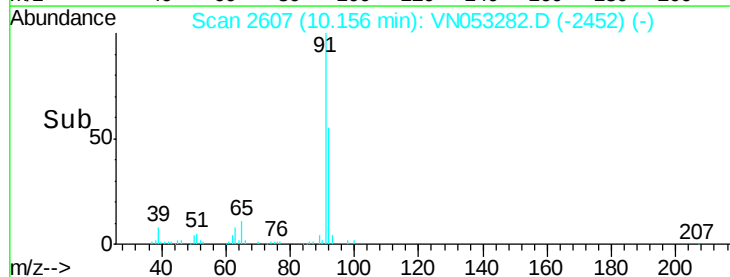
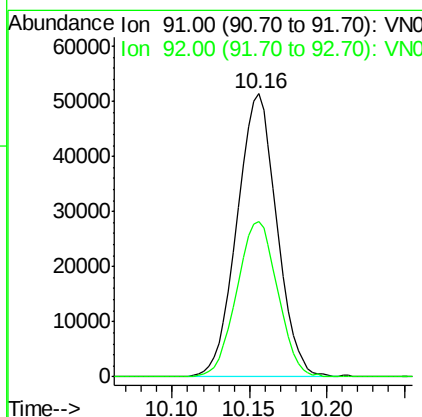
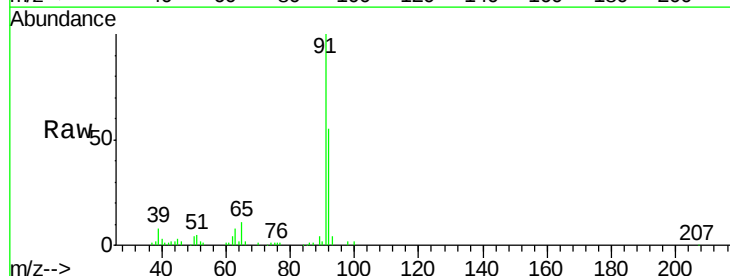
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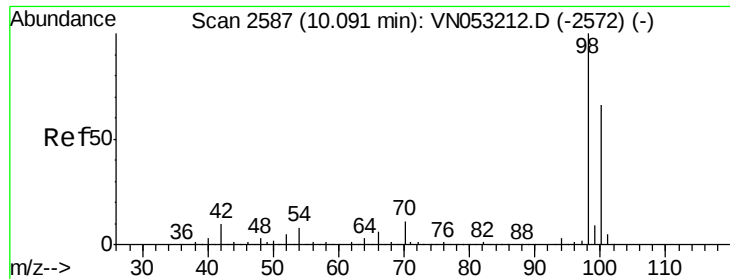
Tot Ion: 95 Resp: 312820
Ion Ratio Lower Upper
95 100
174 90.6 67.9 101.9
176 88.6 66.4 99.6



#62
Toluene
Concen: 2.434 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN053282.D
Acq: 4 Jan 2019 15:17

Tgt Ion: 91 Resp: 92144
Ion Ratio Lower Upper
91 100
92 56.2 45.4 68.2





#63

Toluene-d8

Concen: 2.434 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053282.D

Acq: 4 Jan 2019 15:17

Instrument :

MSVOA_N

ClientSampleId :

002M-35TH-AVE(JAN)

Tot Ion: 98 Resp: 906433

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7

