

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100118\
 Data File : VN051627.D
 Acq On : 1 Oct 2018 10:46
 Operator : MD\SY
 Sample : VN1001WBL01
 Misc : Sample
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBL01

Quant Time: Oct 02 00:59:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Sep 29 01:07:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	123478	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	624257	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	527790	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	268981	31.29	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.30%
60) 4-Bromofluorobenzene	12.40	95	172792	21.29	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	70.97%
63) Toluene-d8	10.09	98	716606	28.78	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.93%

Target Compounds

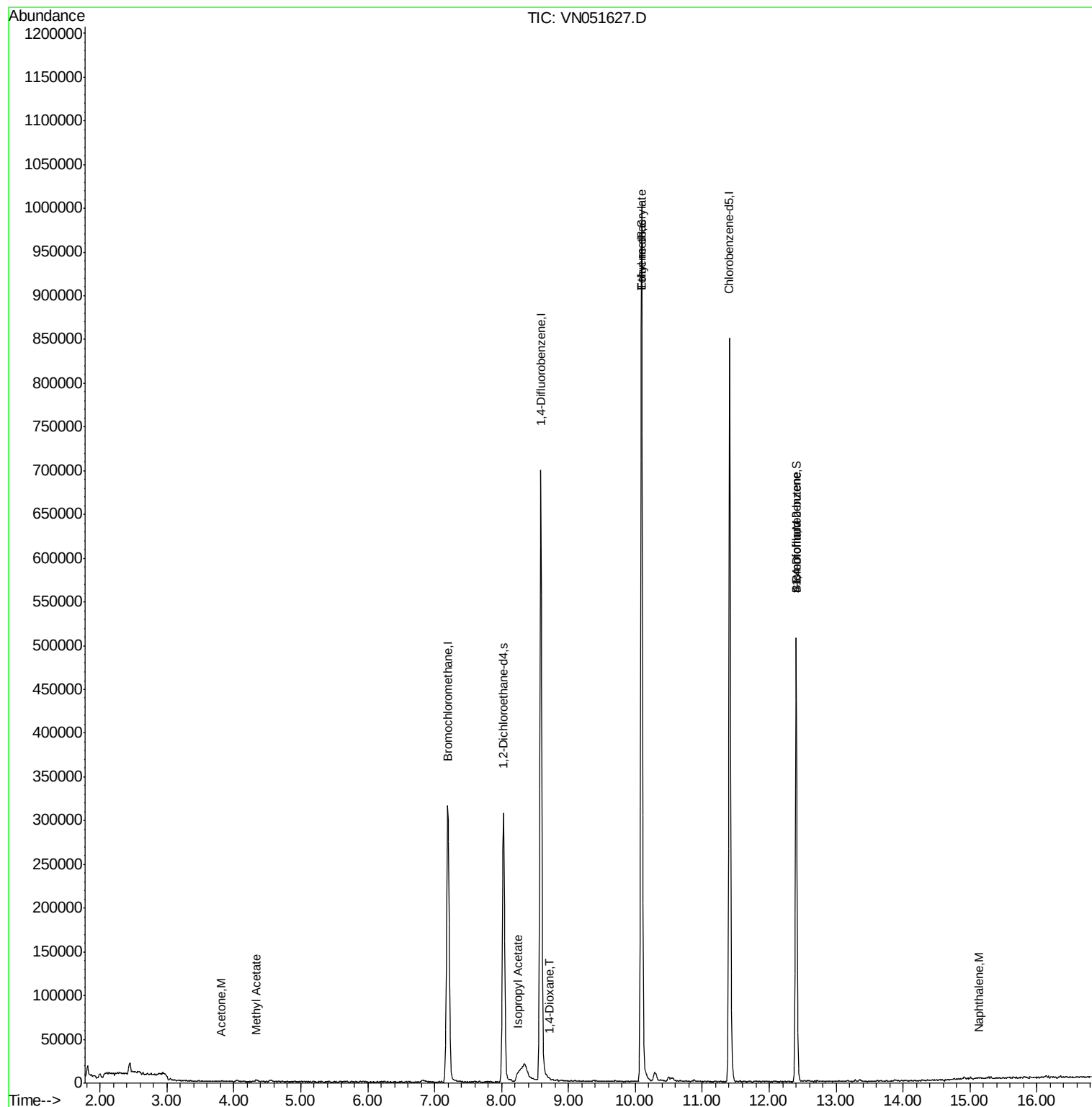
					Ovalue
12) Methyl Acetate	4.33	43	1732	0.263 ug/l #	78
15) Acetone	3.82	58	210	0.304 ug/l #	1
44) Isopropyl Acetate	8.23	43	4516	0.376 ug/l #	58
45) 1,4-Dioxane	8.72	88	123	1.894 ug/l #	23
51) Ethyl methacrylate	10.09	69	2692	0.327 ug/l	81
56) Bromoform	12.40	173	2210	0.430 ug/l #	1
77) t-1,4-Dichloro-2-butene	12.40	75	83399	39.165 ug/l #	11
91) Naphthalene	15.14	128	1444	8.349 ug/l #	74

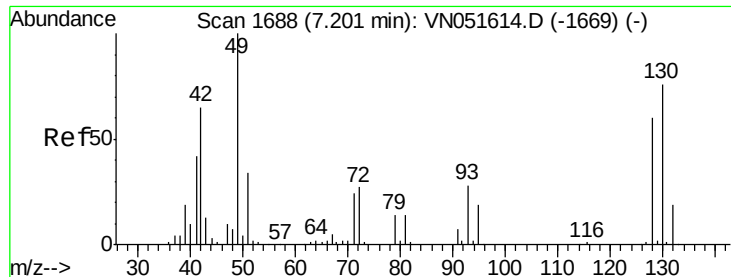
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 02 00:59:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 01:07:29 2018
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: VN051627.D

Acq: 1 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampled :

VN1001WBL01

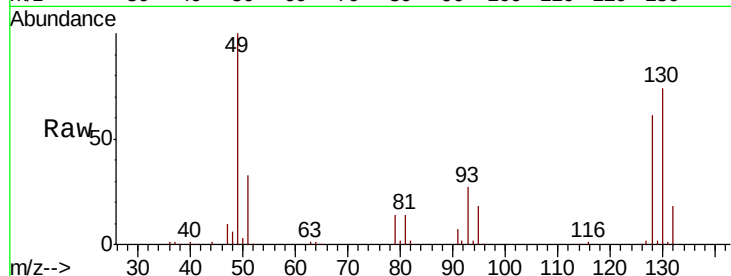
Tot Ion:128 Resp: 123478

Ion Ratio Lower Upper

128 100

49 170.5 0.0 426.8

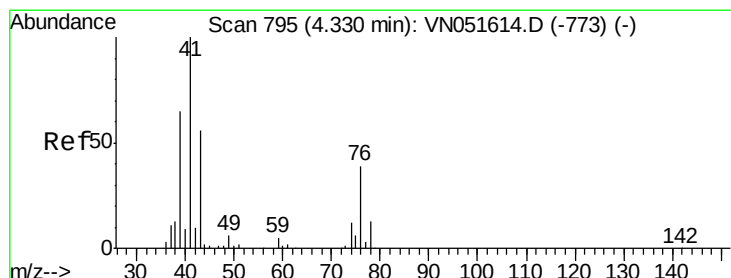
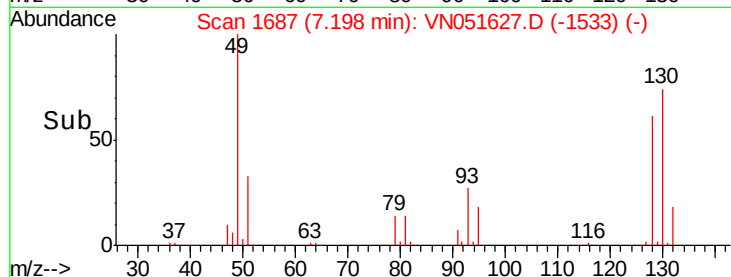
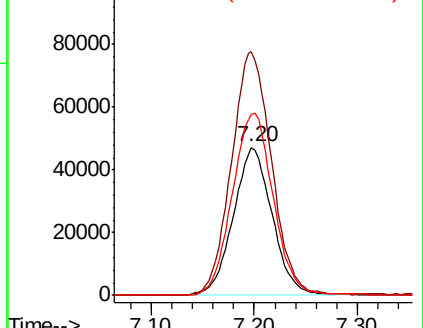
130 129.6 0.0 326.3



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



#12

Methyl Acetate

Concen: 0.263 ug/l

RT: 4.33 min Scan# 795

Delta R.T. -0.00 min

Lab File: VN051627.D

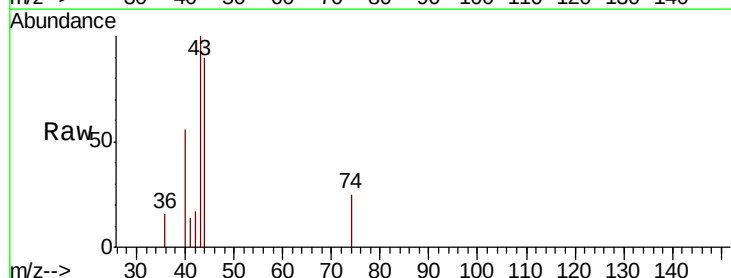
Acq: 1 Oct 2018 10:46

Tgt Ion: 43 Resp: 1732

Ion Ratio Lower Upper

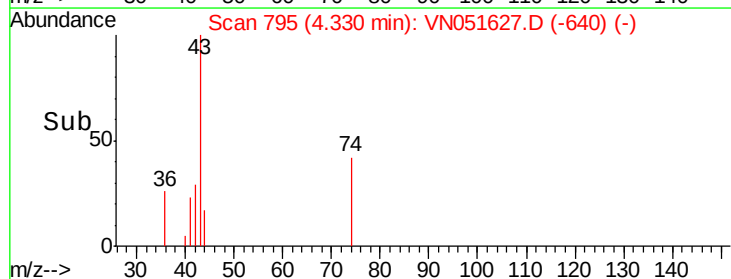
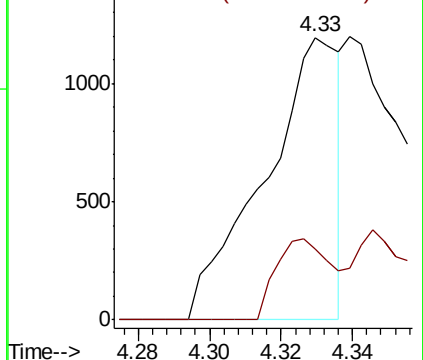
43 100

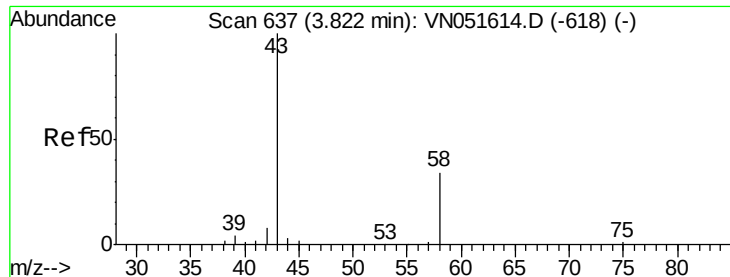
74 31.6 17.0 25.4#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN





#15

Acetone

Concen: 0.304 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN051627.D

Acq: 1 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampleId :

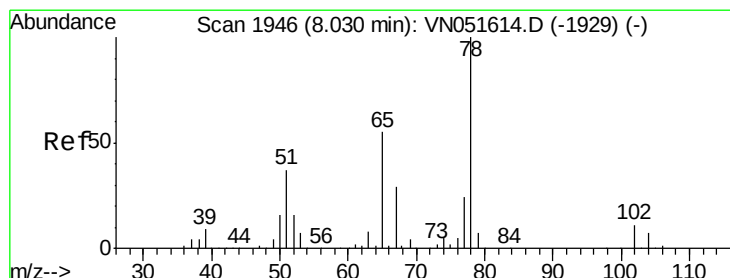
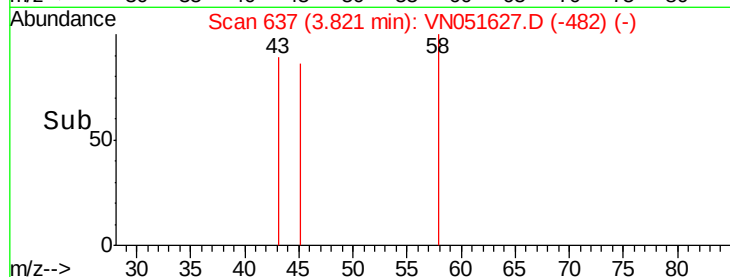
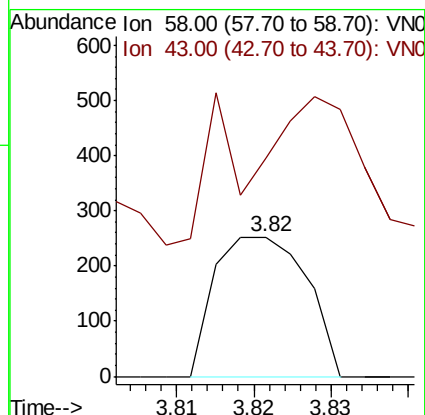
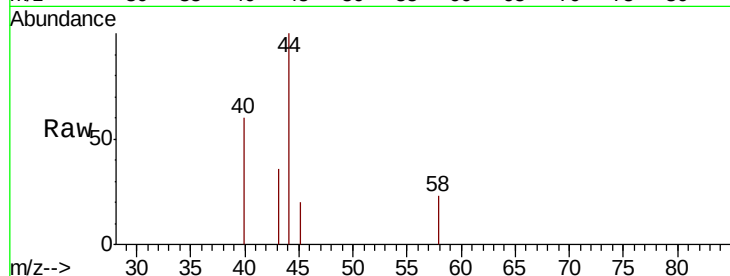
VN1001WBL01

Tot Ion: 58 Resp: 210

Ion Ratio Lower Upper

58 100

43 57.3 238.0 357.0#



#27

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051627.D

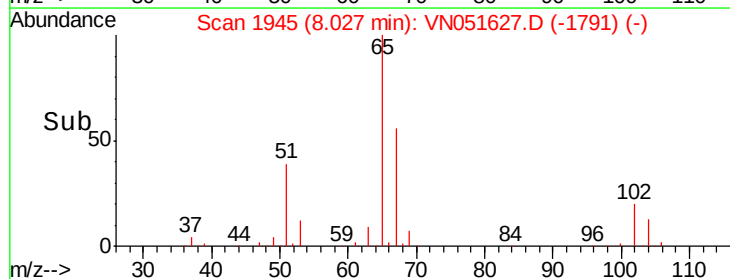
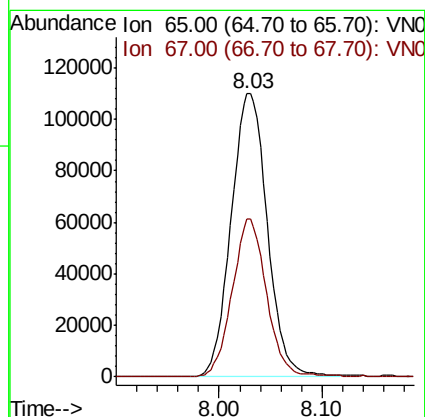
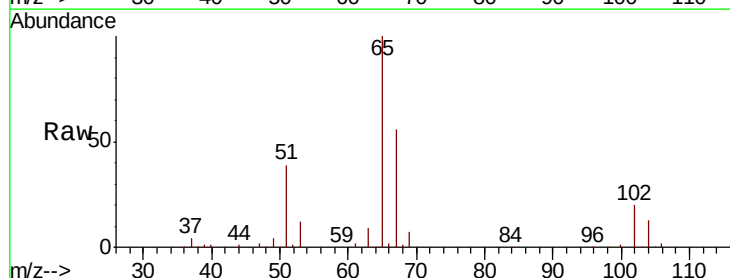
Acq: 1 Oct 2018 10:46

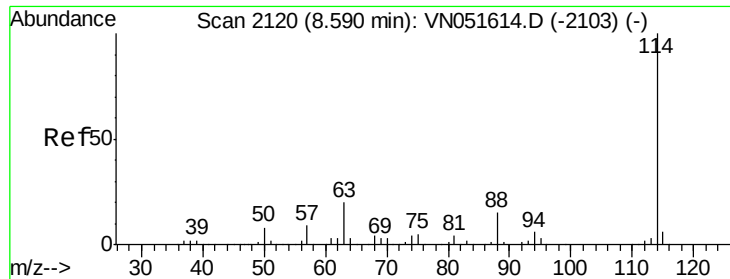
Tgt Ion: 65 Resp: 268981

Ion Ratio Lower Upper

65 100

67 52.3 43.1 64.7

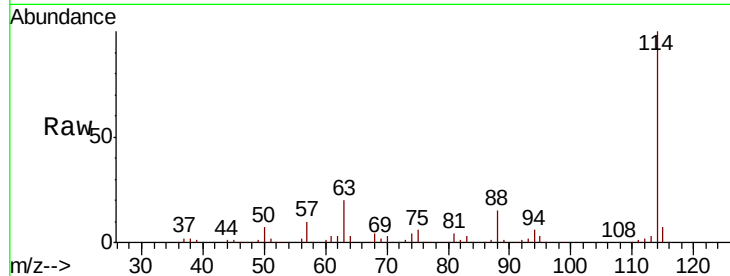




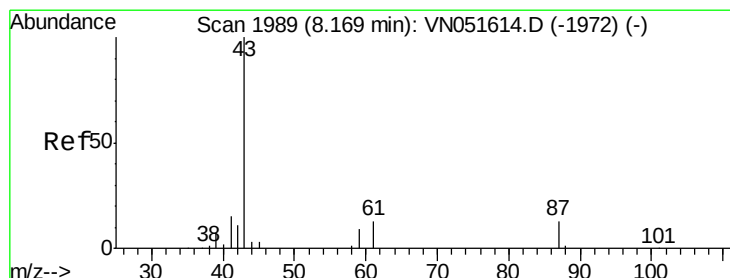
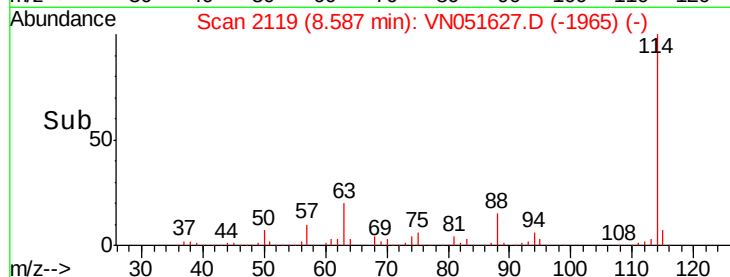
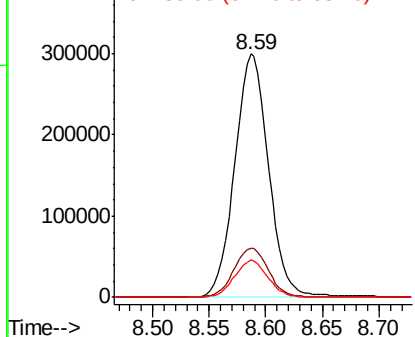
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051627.D
 Acq: 1 Oct 2018 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBL01

Tot Ion:114 Resp: 624257
 Ion Ratio Lower Upper
 114 100
 63 20.7 16.4 24.6
 88 15.1 12.6 18.8

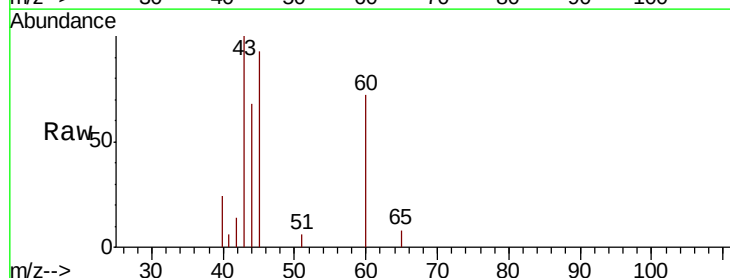


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

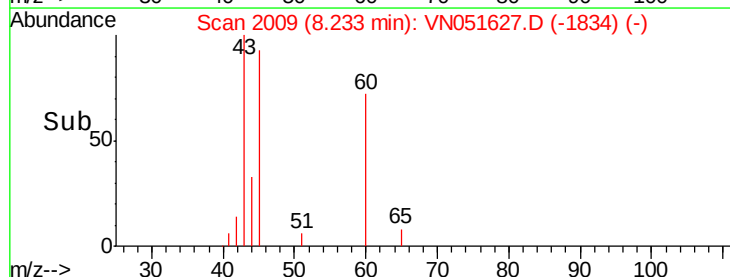
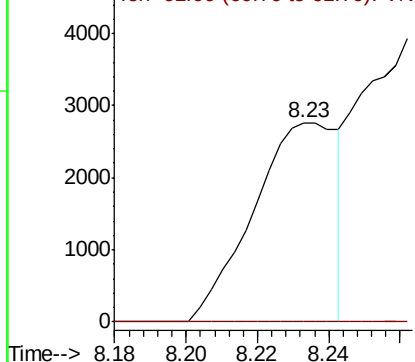


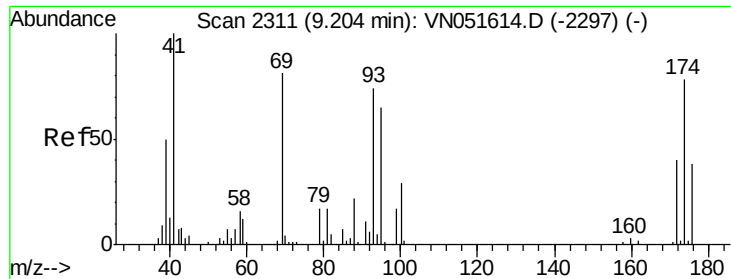
#44
 Isopropyl Acetate
 Concen: 0.376 ug/l
 RT: 8.23 min Scan# 2009
 Delta R.T. 0.06 min
 Lab File: VN051627.D
 Acq: 1 Oct 2018 10:46

Tgt Ion: 43 Resp: 4516
 Ion Ratio Lower Upper
 43 100
 61 0.0 15.4 23.0#



Abundance Ion 43.00 (42.70 to 43.70): VN
 Ion 61.00 (60.70 to 61.70): VN

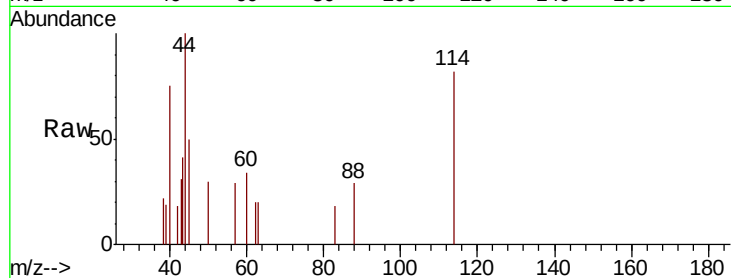




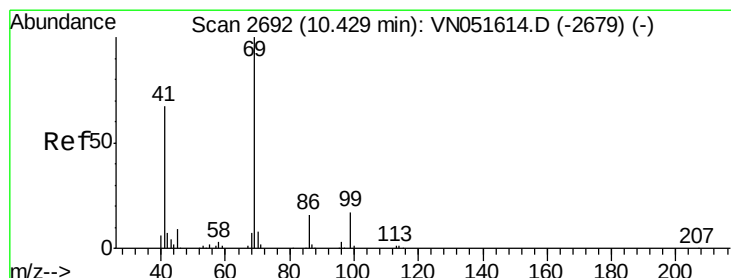
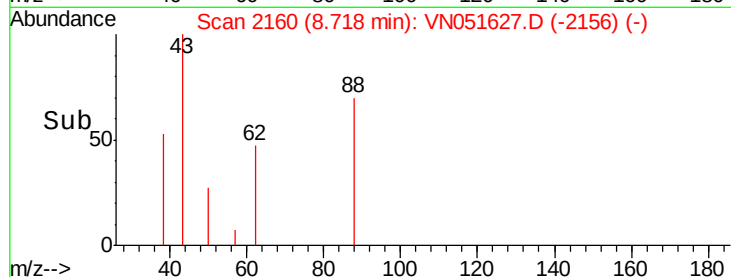
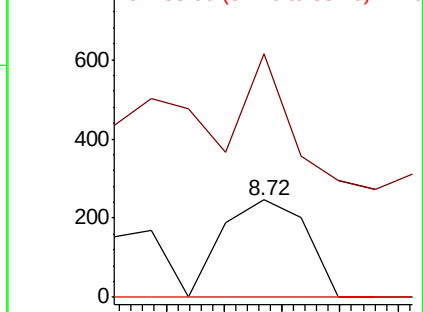
#45
 1,4-Dioxane
 Concen: 1.894 ug/l
 RT: 8.72 min Scan# 2160
 Delta R.T. -0.49 min
 Lab File: VN051627.D
 Acq: 1 Oct 2018 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBL01

Tot Ion: 88 Resp: 123
 Ion Ratio Lower Upper
 88 100
 43 69.9 29.0 43.6#
 58 0.0 59.0 88.6#

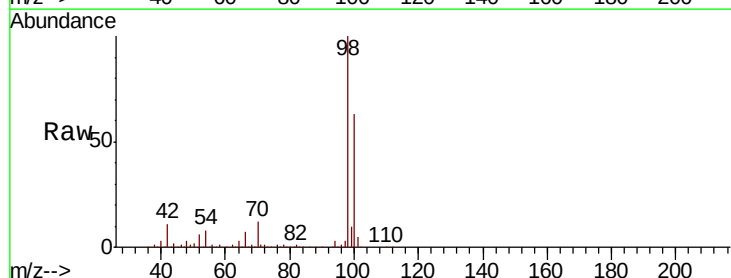


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

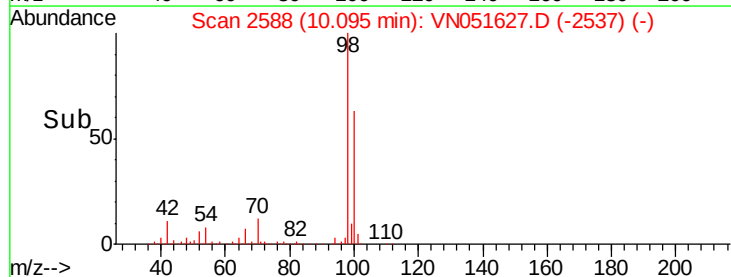
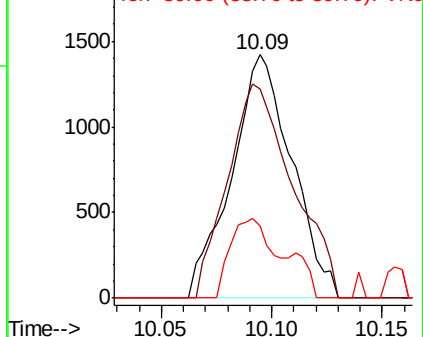


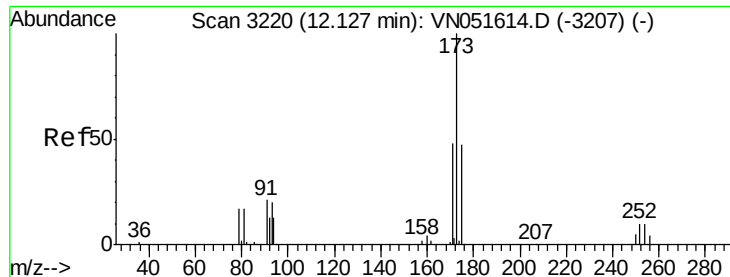
#51
 Ethyl methacrylate
 Concen: 0.327 ug/l
 RT: 10.09 min Scan# 2588
 Delta R.T. -0.33 min
 Lab File: VN051627.D
 Acq: 1 Oct 2018 10:46

Tgt Ion: 69 Resp: 2692
 Ion Ratio Lower Upper
 69 100
 41 85.7 33.3 99.8
 39 29.4 17.2 51.6



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#56

Bromoform

Concen: 0.430 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN051627.D

Acq: 1 Oct 2018 10:46

Instrument :

MSVOA_N

ClientSampleId :

VN1001WBL01

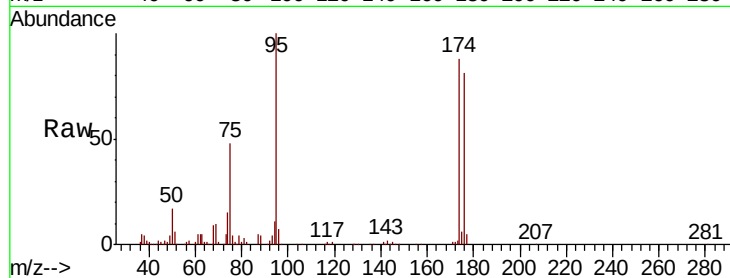
Tot Ion:173 Resp: 2210

Ion Ratio Lower Upper

173 100

175 500.5 39.0 58.4#

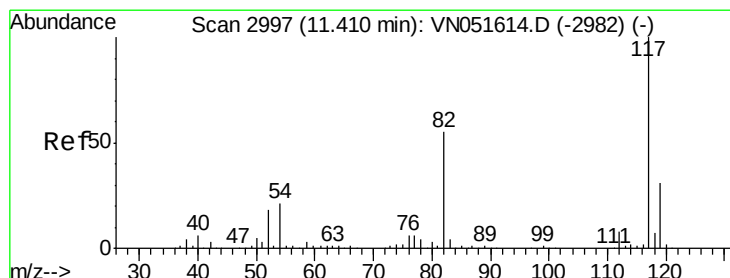
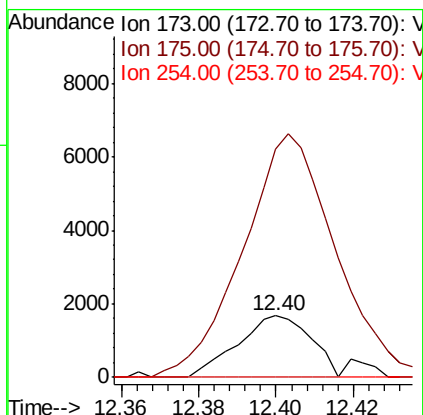
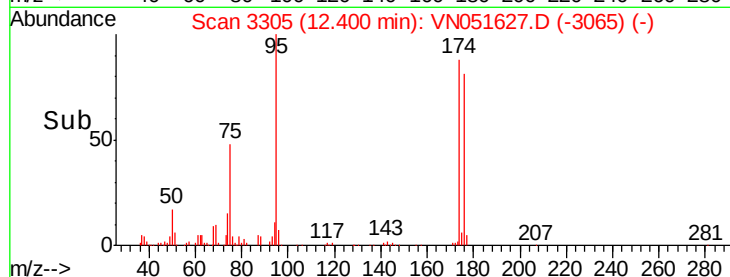
254 0.0 8.7 13.1#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN051627.D

Acq: 1 Oct 2018 10:46

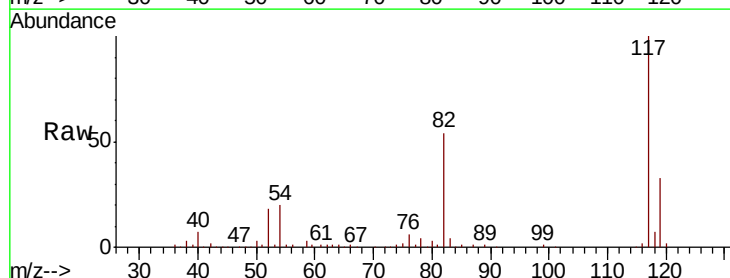
Tgt Ion:117 Resp: 527790

Ion Ratio Lower Upper

117 100

82 54.4 44.2 66.2

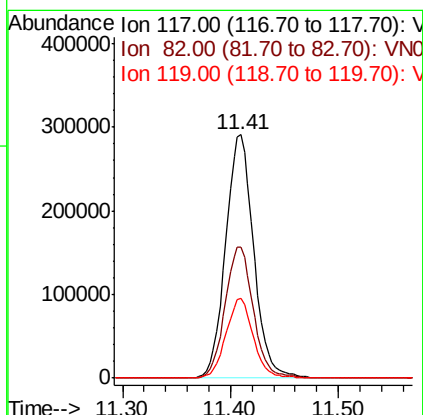
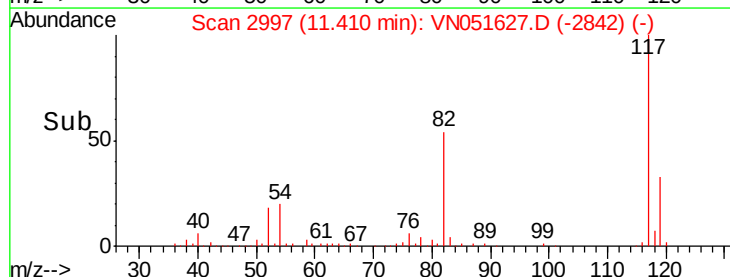
119 31.8 25.2 37.8

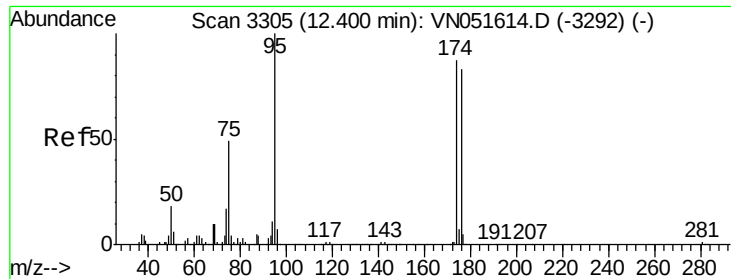


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V

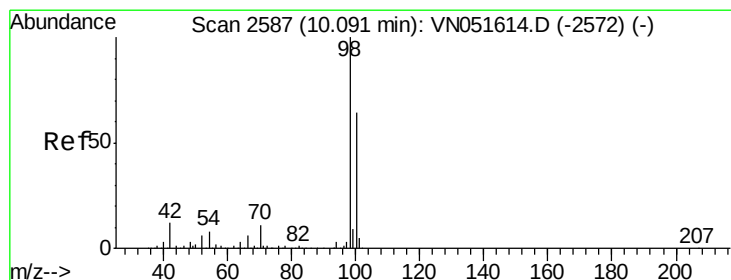
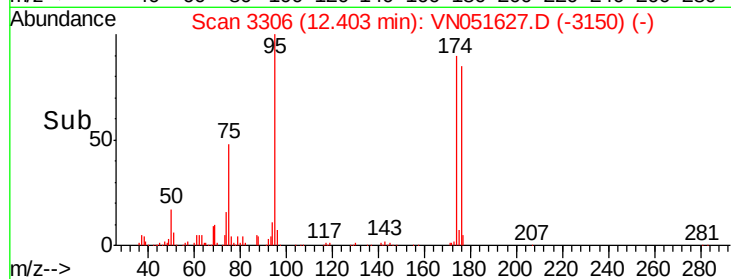
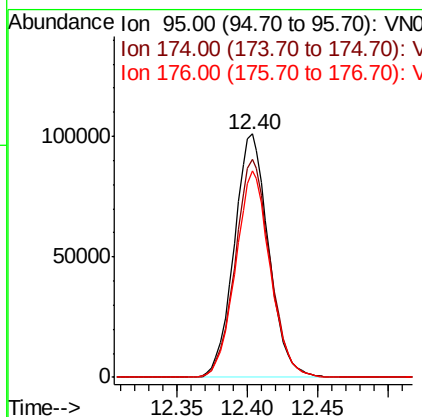
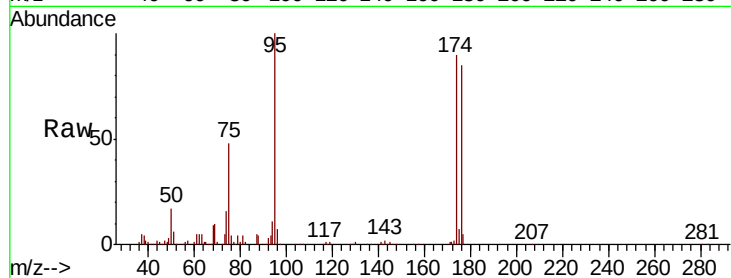




#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051627.D
Acq: 1 Oct 2018 10:46

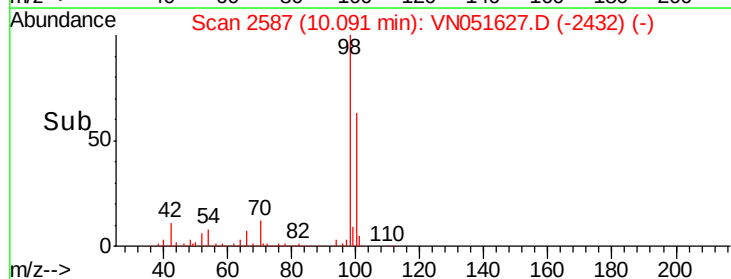
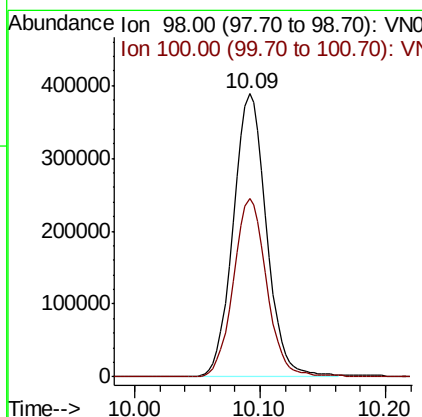
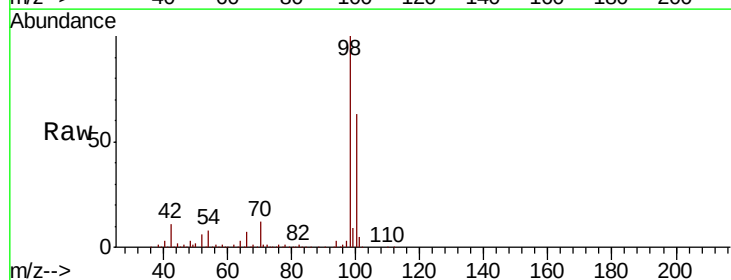
Instrument :
MSVOA_N
ClientSampled :
VN1001WBL01

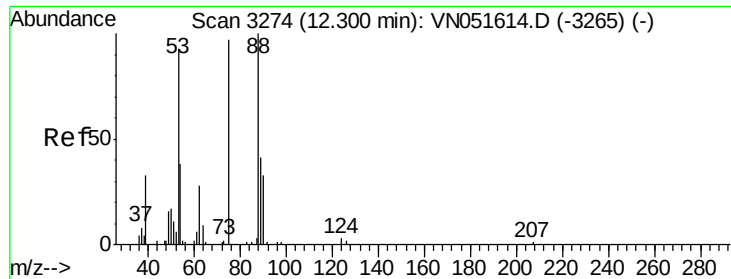
Tot Ion: 95 Resp: 172792
Ion Ratio Lower Upper
95 100
174 90.7 71.2 106.8
176 85.1 67.8 101.8



#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051627.D
Acq: 1 Oct 2018 10:46

Tgt Ion: 98 Resp: 716606
Ion Ratio Lower Upper
98 100
100 62.7 51.4 77.0

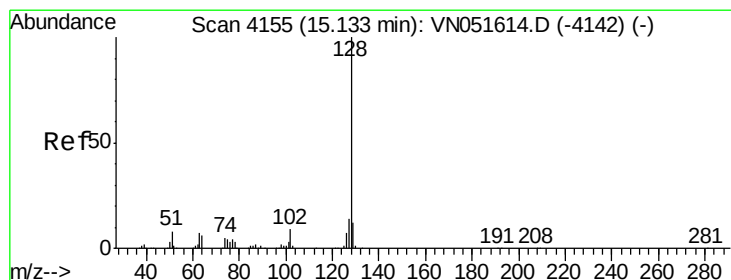
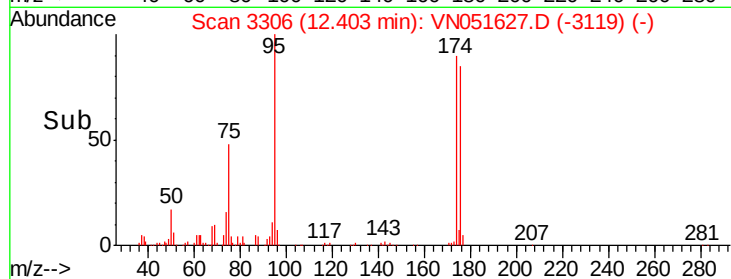
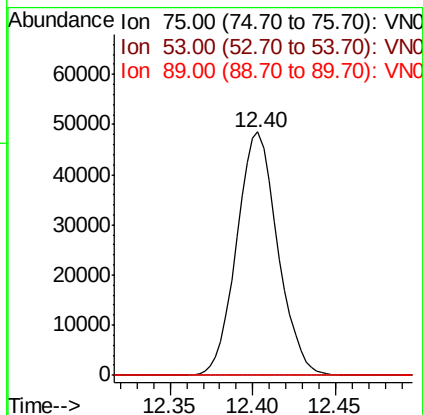
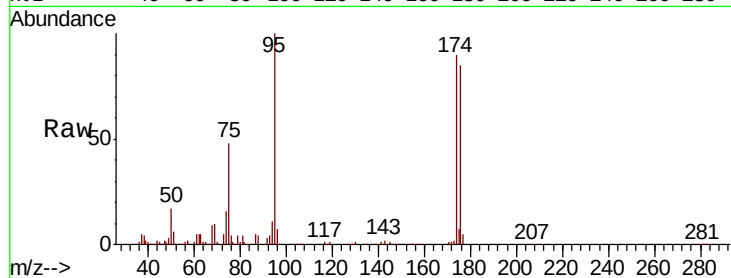




#77
 t-1,4-Dichloro-2-butene
 Concen: 39.165 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN051627.D
 Acq: 1 Oct 2018 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBL01

Tot Ion: 75 Resp: 83399
 Ion Ratio Lower Upper
 75 100
 53 0.0 48.1 144.4#
 89 0.0 22.4 67.3#



#91
 Naphthalene
 Concen: 8.349 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN051627.D
 Acq: 1 Oct 2018 10:46

Tgt Ion: 128 Resp: 1444
 Ion Ratio Lower Upper
 128 100
 127 4.3 10.8 16.2#
 129 0.0 9.1 13.7#

