

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012119\
 Data File : VN053501.D
 Acq On : 21 Jan 2019 12:44
 Operator : JC/SP
 Sample : K1201-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Quant Time: Jan 22 04:04:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	826690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1271416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1183417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	560326	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	406553	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
35) Dibromofluoromethane	7.59	113	377354	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
50) Toluene-d8	10.09	98	1565162	51.00	ug/l	0.00
Spiked Amount			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.40	95	549389	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	

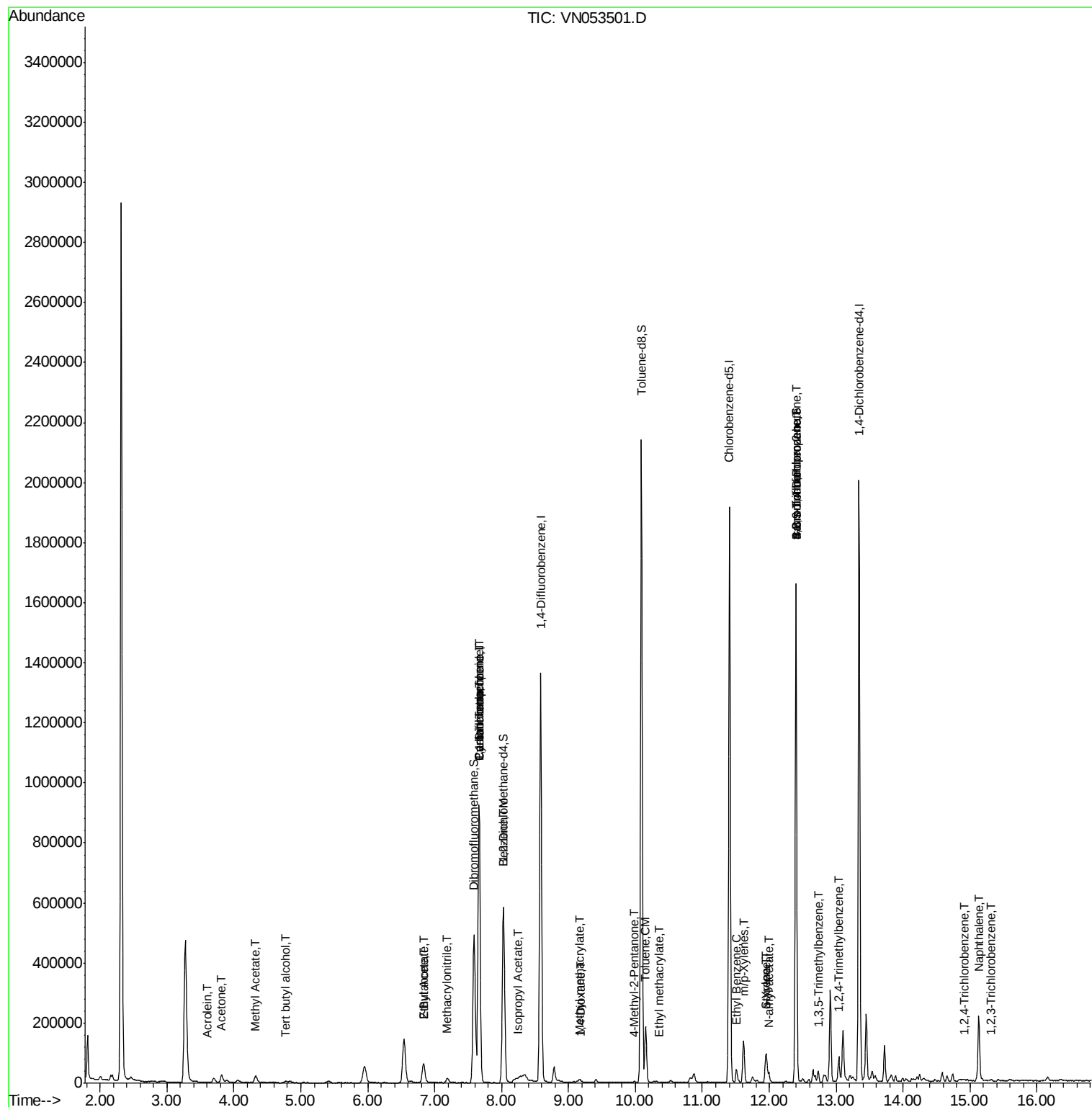
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	3687	9.222	ug/l #	88
13) Acrolein	3.60	56	274	23.057	ug/l #	41
16) Acetone	3.82	43	39555	20.633	ug/l	99
18) Methyl Acetate	4.32	43	44327	6.863	ug/l	98
25) 2-Butanone	6.84	43	116156	39.319	ug/l	99
31) Cyclohexane	7.66	56	13567	0.724	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	51052	4.409	ug/l #	50
37) Ethyl Acetate	6.84	43	116156	17.436	ug/l #	67
38) Carbon Tetrachloride	7.66	117	69802	6.368	ug/l #	16
40) Benzene	8.04	78	139056	3.952	ug/l	98
41) Methacrylonitrile	7.18	41	3942	1.650	ug/l #	39
43) Isopropyl Acetate	8.23	43	18473	1.542	ug/l #	51
48) Methyl methacrylate	9.16	41	4260	0.689	ug/l #	27
49) 1,4-Dioxane	9.19	88	461	7.632	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	2180	0.333	ug/l	94
52) Toluene	10.16	92	84498	3.868	ug/l	99
56) Ethyl methacrylate	10.35	69	60	2.063	ug/l #	1
67) Ethyl Benzene	11.51	91	32317	0.757	ug/l	95
68) m/p-Xylenes	11.62	106	46901	2.910	ug/l	97
69) o-Xylene	11.95	106	19413	1.240	ug/l	93
70) Styrene	11.96	104	31399	1.235	ug/l	98
71) Bromoform	12.40	173	3836	0.639	ug/l #	1
74) N-ethyl acetate	11.99	43	6984	0.638	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	256008	34.671	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	19343	0.579	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	256008	85.830	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	50229	1.492	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	1407	2.938	ug/l #	63
95) Naphthalene	15.13	128	194964	17.198	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	1644	4.172	ug/l #	79

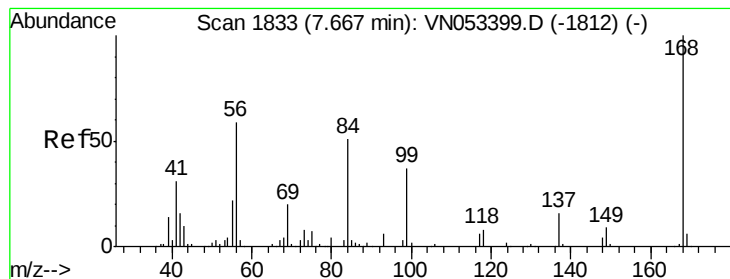
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

Instrument :

MSVOA_N

ClientSampled :

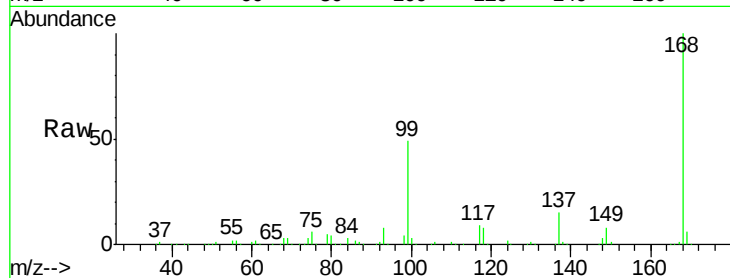
COMP-1

Tot Ion:168 Resp: 82690

Ion Ratio Lower Upper

168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.66

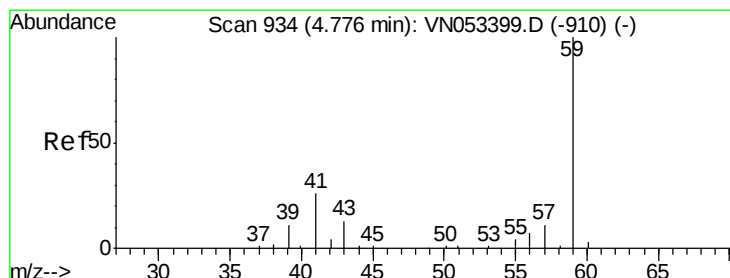
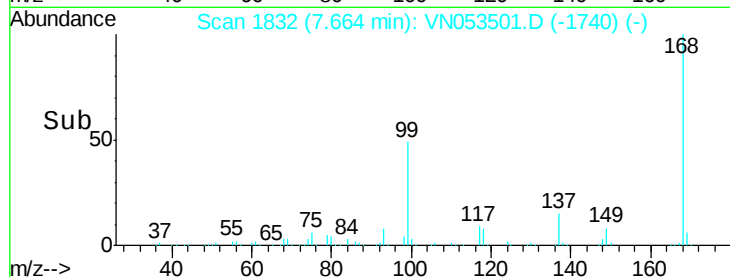
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 9.222 ug/l

RT: 4.76 min Scan# 930

Delta R.T. -0.01 min

Lab File: VN053501.D

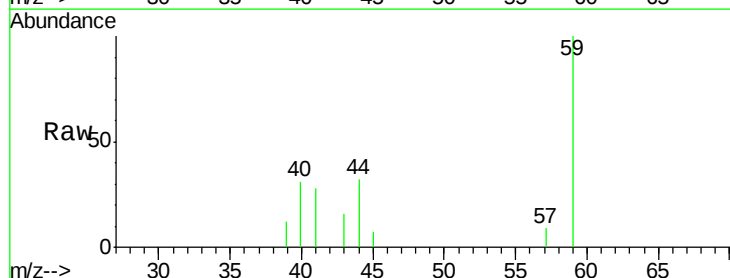
Acq: 21 Jan 2019 12:44

Tgt Ion: 59 Resp: 3687

Ion Ratio Lower Upper

59 100

57 14.7 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VN053399.D (-910) (-)

Ion 57.00 (56.70 to 57.70): VN053399.D (-910) (-)

4.76

2500

2000

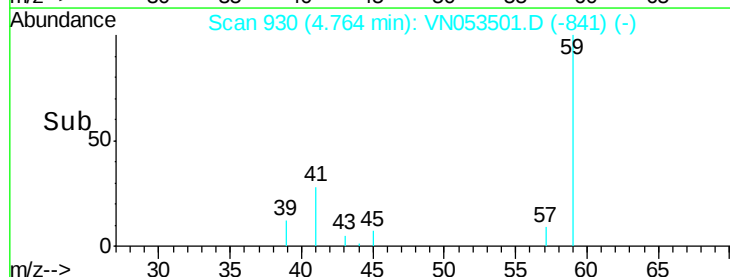
1500

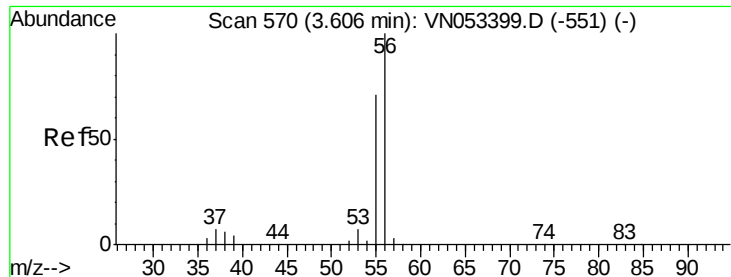
1000

500

0

Time-->





#13

Acrolein

Concen: 23.057 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

Instrument :

MSVOA_N

ClientSampled :

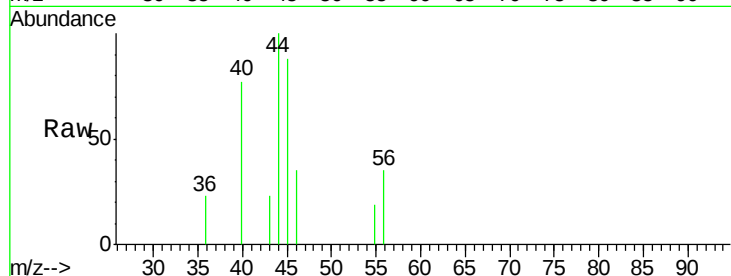
COMP-1

Tot Ion: 56 Resp: 274

Ion Ratio Lower Upper

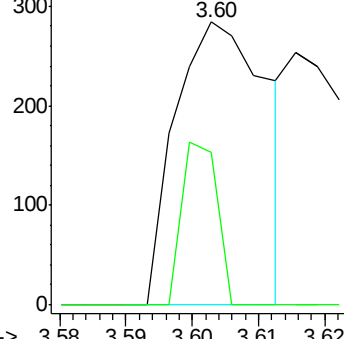
56 100

55 22.3 57.4 86.0#

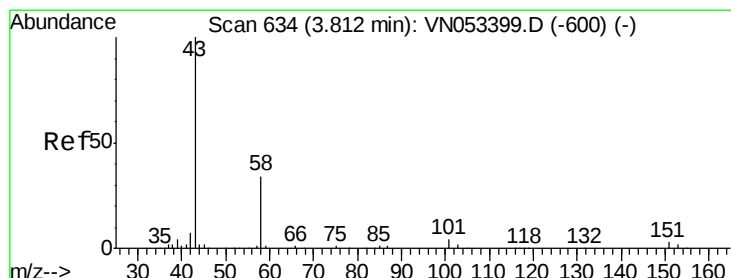
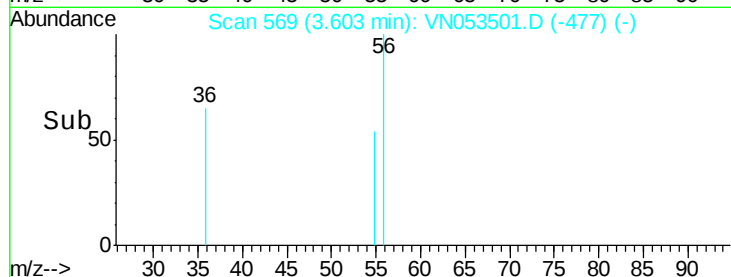


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



Time--> 3.58 3.59 3.60 3.61 3.62



#16

Acetone

Concen: 20.633 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053501.D

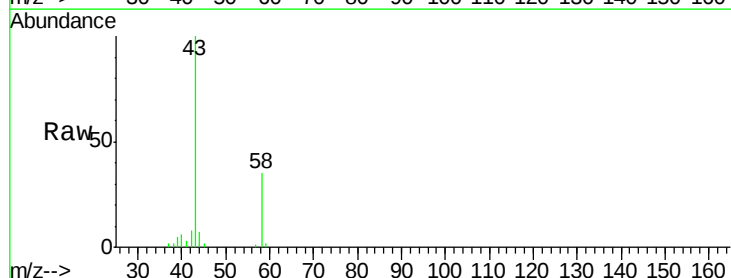
Acq: 21 Jan 2019 12:44

Tgt Ion: 43 Resp: 39555

Ion Ratio Lower Upper

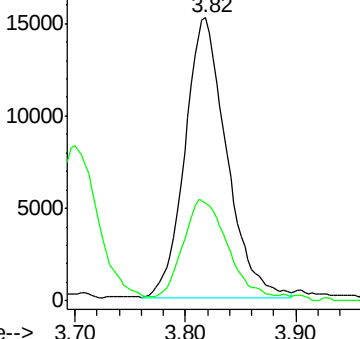
43 100

58 33.4 27.1 40.7

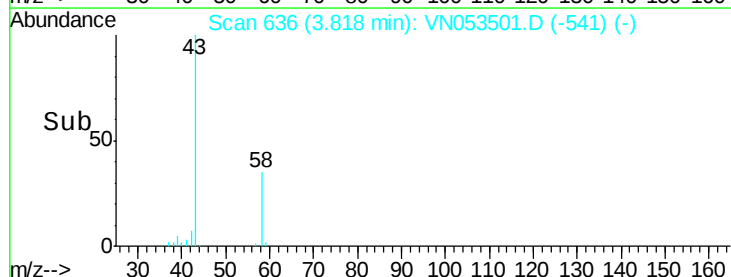


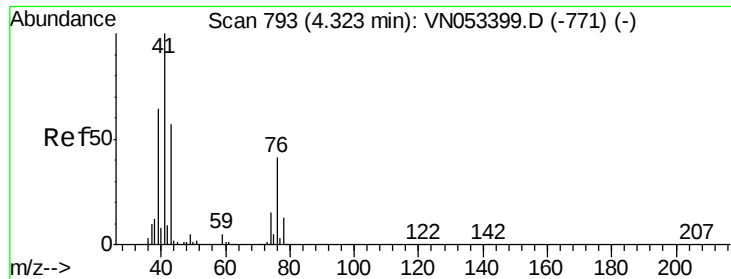
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time--> 3.70 3.80 3.90

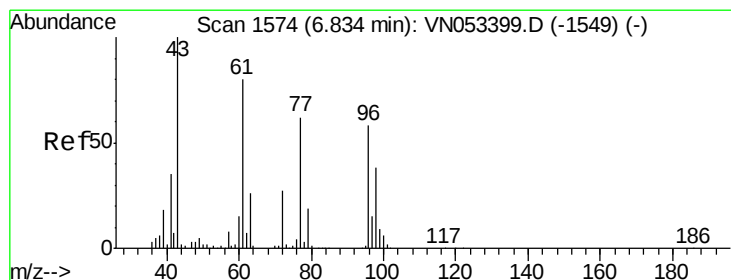
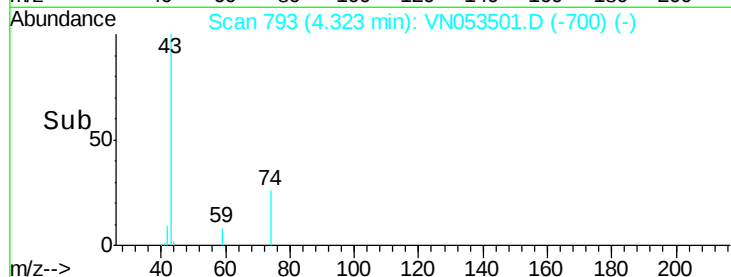
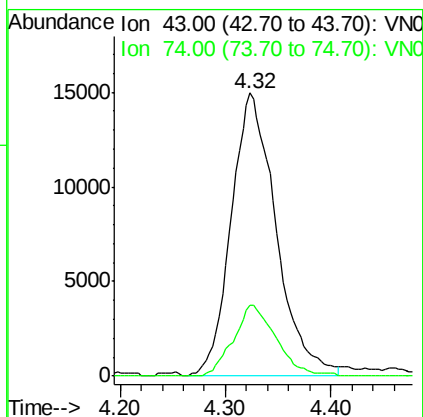
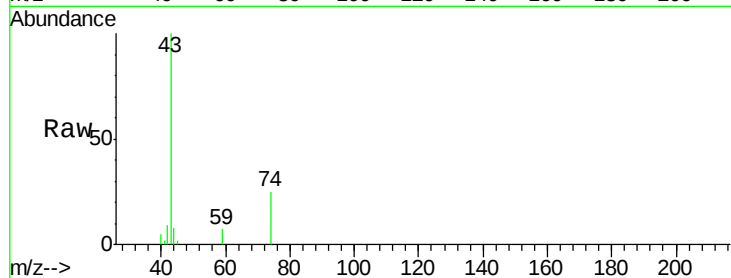




#18
Methvl Acetate
Concen: 6.863 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053501.D
Acq: 21 Jan 2019 12:44

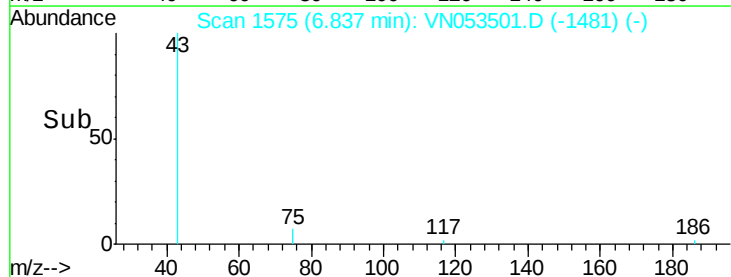
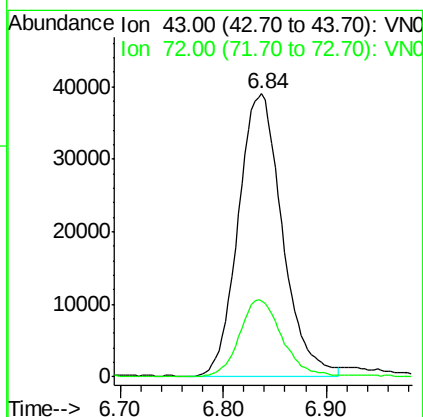
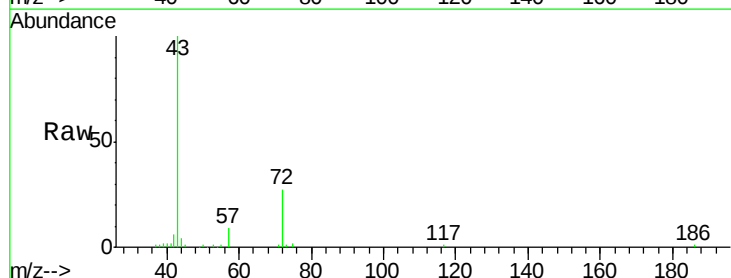
Instrument :
MSVOA_N
ClientSampled :
COMP-1

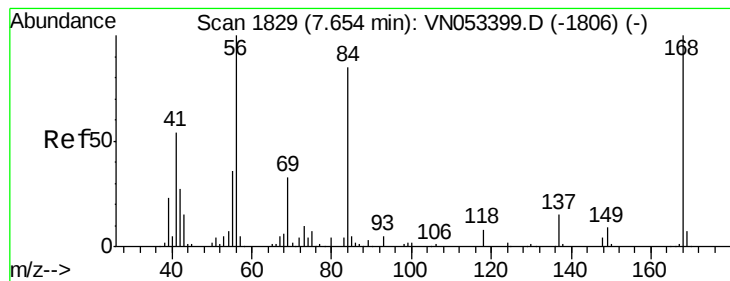
Tot Ion: 43 Resp: 44327
Ion Ratio Lower Upper
43 100
74 23.5 19.4 29.2



#25
2-Butanone
Concen: 39.319 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053501.D
Acq: 21 Jan 2019 12:44

Tgt Ion: 43 Resp: 116156
Ion Ratio Lower Upper
43 100
72 26.7 22.0 33.0





#31

Cyclohexane

Concen: 0.724 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

Instrument :

MSVOA_N

ClientSampled :

COMP-1

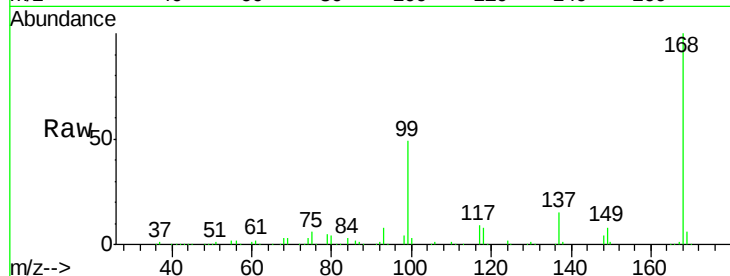
Tot Ion: 56 Resp: 13567

Ion Ratio Lower Upper

56 100

69 176.9 26.4 39.6#

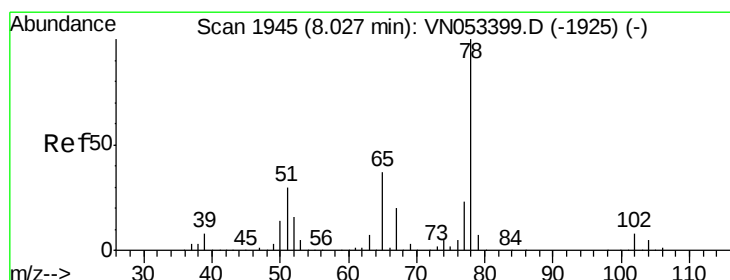
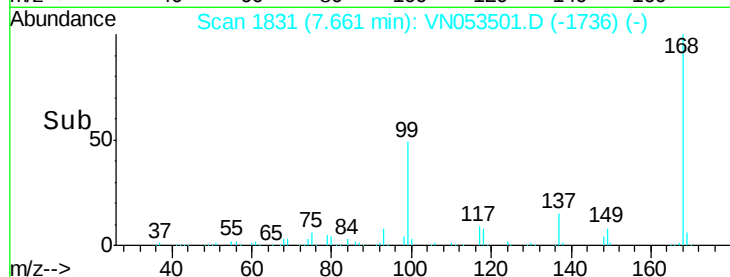
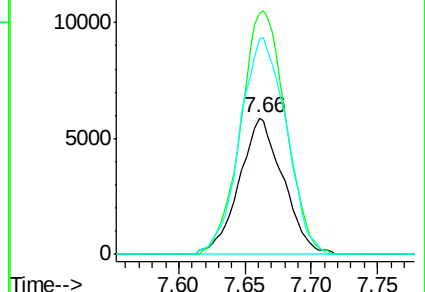
84 157.8 67.9 101.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053501.D

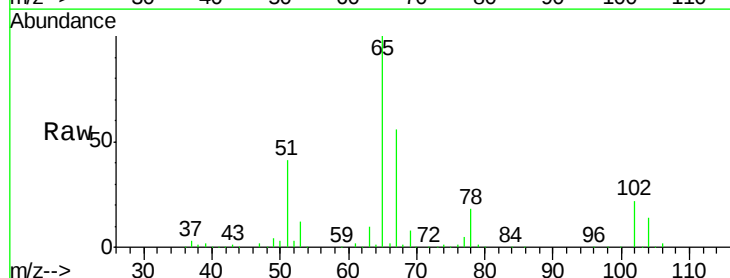
Acq: 21 Jan 2019 12:44

Tgt Ion: 65 Resp: 406553

Ion Ratio Lower Upper

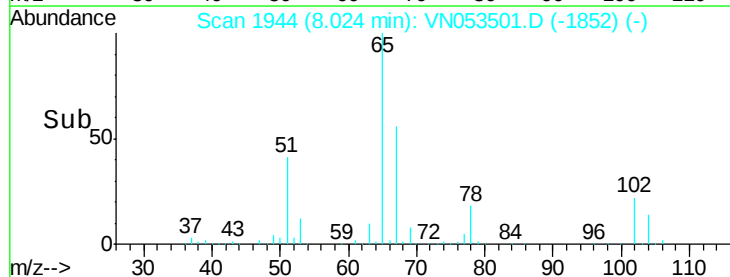
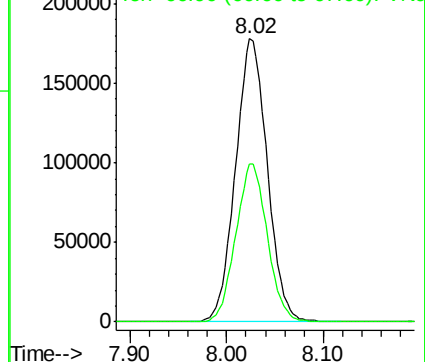
65 100

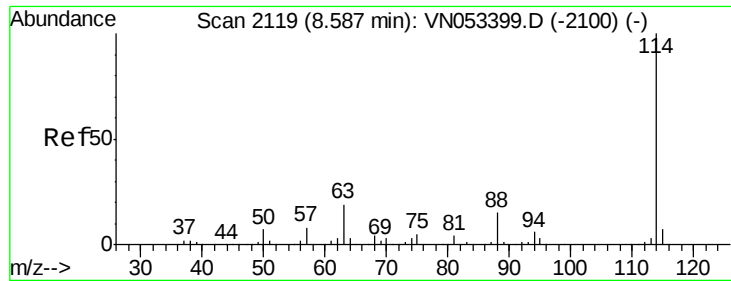
67 55.4 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

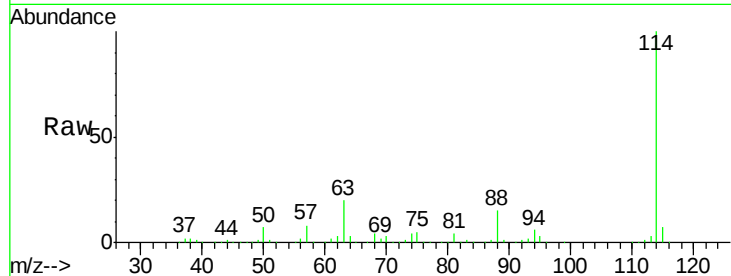




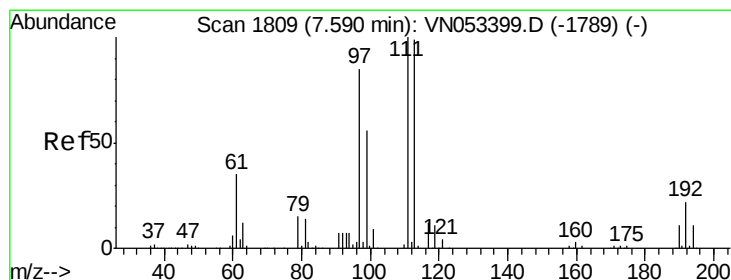
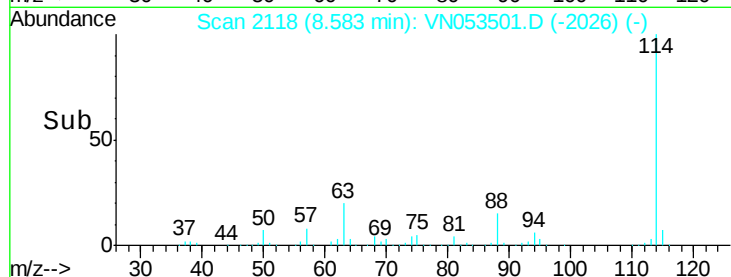
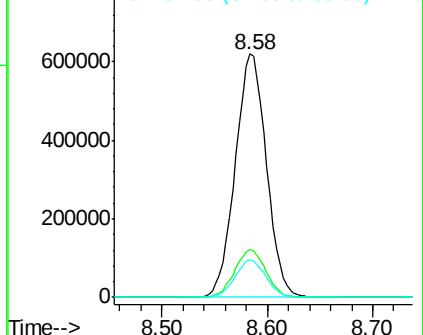
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053501.D
 Acq: 21 Jan 2019 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Tot Ion:114 Resp: 1271416
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.4 0.0 30.4

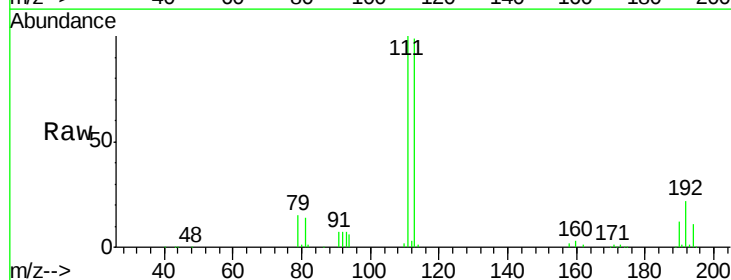


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

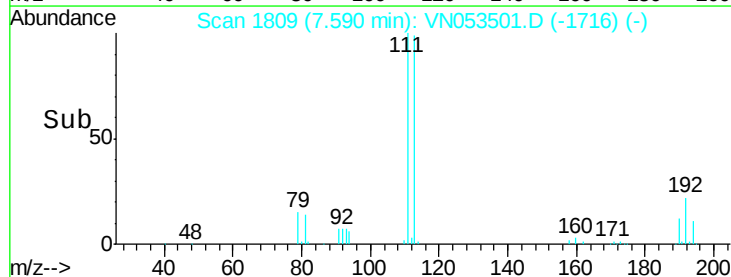
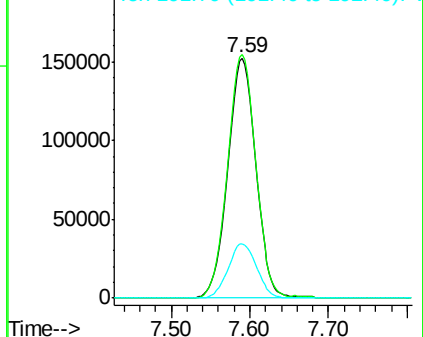


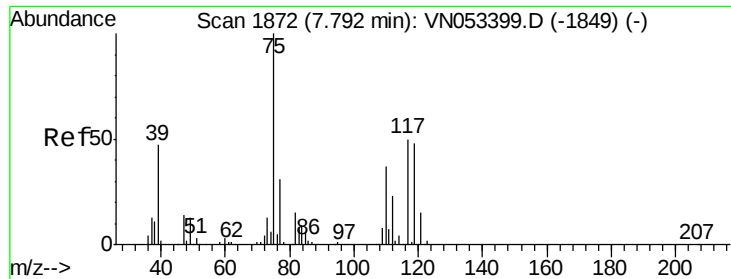
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053501.D
 Acq: 21 Jan 2019 12:44

Tgt Ion:113 Resp: 377354
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.1 121.7
 192 23.0 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

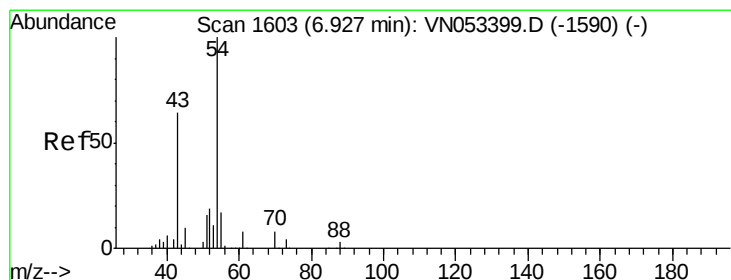
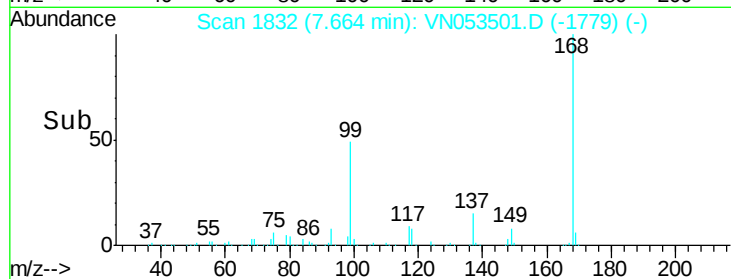
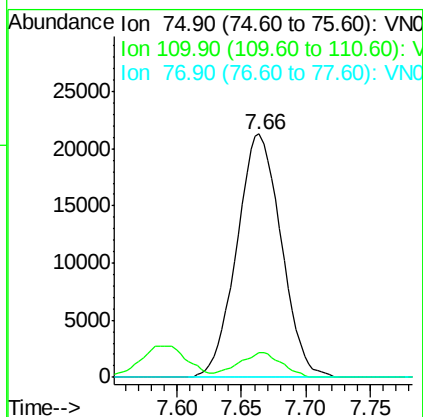
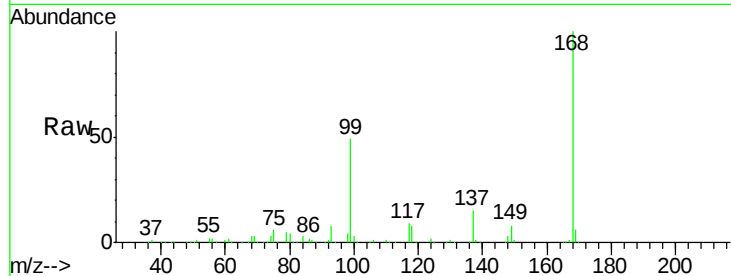




#36
 1,1-Dichloropropene
 Concen: 4.409 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053501.D
 Acq: 21 Jan 2019 12:44

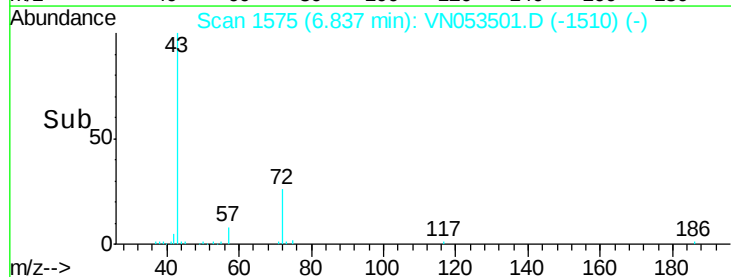
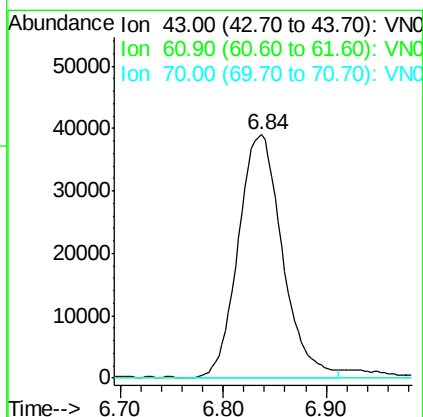
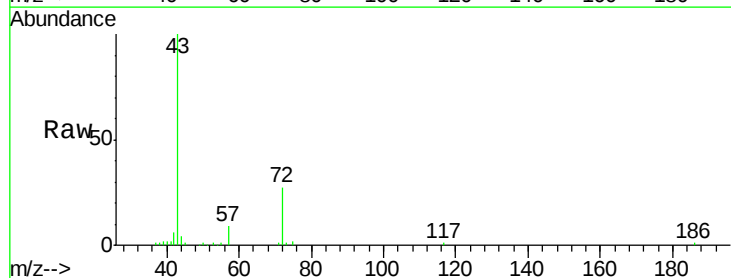
Instrument :
 MSVOA_N
 ClientSampled :
 COMP-1

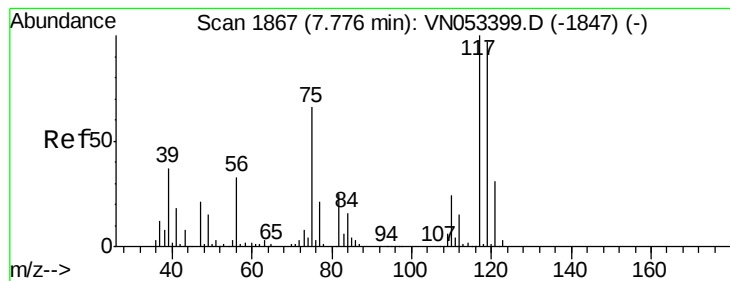
Tot Ion: 75 Resp: 51052
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.1 54.3#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 17.436 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.09 min
 Lab File: VN053501.D
 Acq: 21 Jan 2019 12:44

Tgt Ion: 43 Resp: 116156
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.6#
 70 0.0 8.6 12.8#





#38

Carbon Tetrachloride

Concen: 6.368 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

Instrument :

MSVOA_N

ClientSampled :

COMP-1

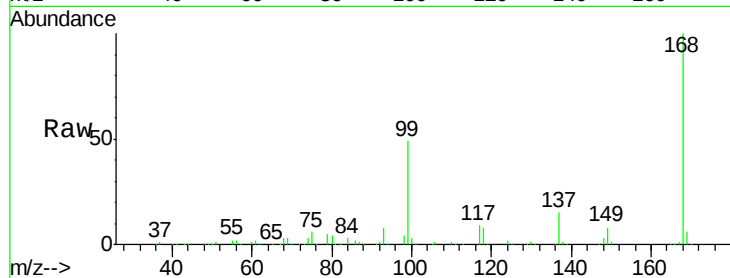
Tot Ion:117 Resp: 69802

Ion Ratio Lower Upper

117 100

119 5.8 77.2 115.8#

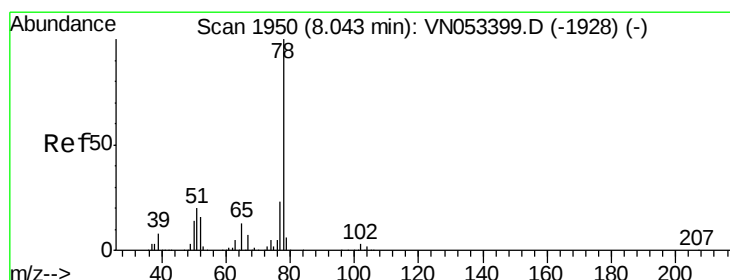
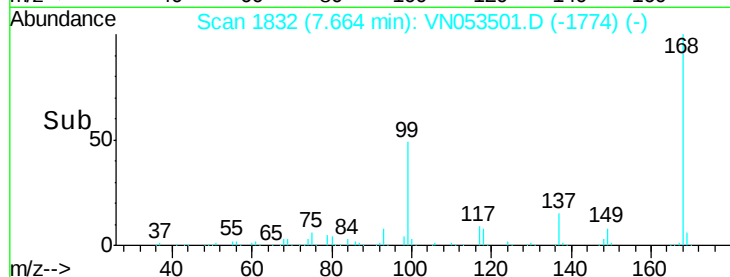
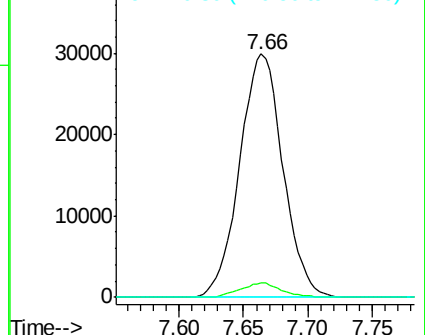
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 3.952 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN053501.D

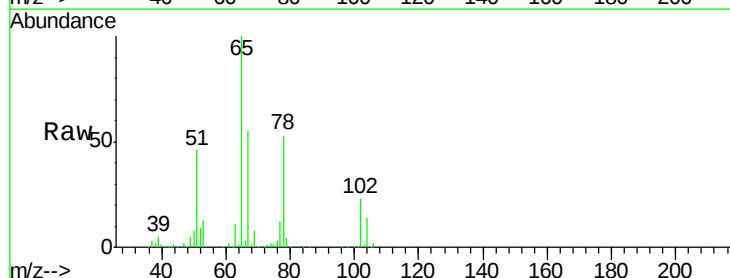
Acq: 21 Jan 2019 12:44

Tgt Ion: 78 Resp: 139056

Ion Ratio Lower Upper

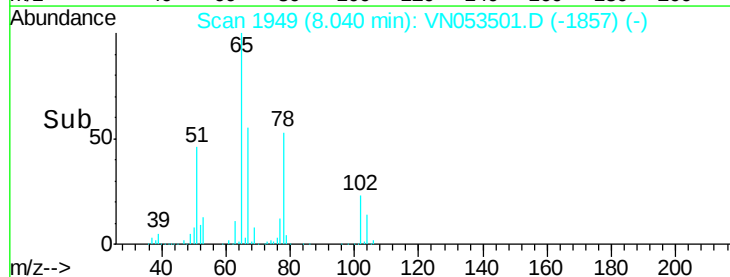
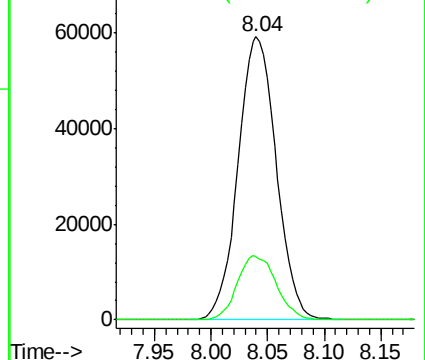
78 100

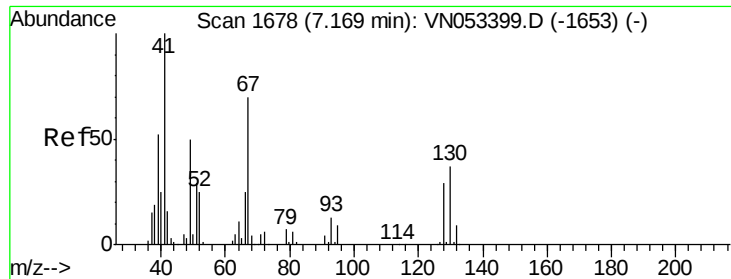
77 22.4 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V

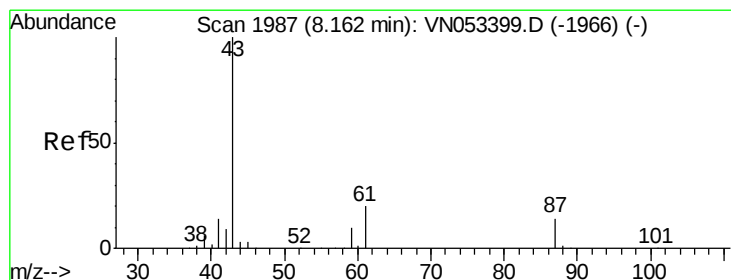
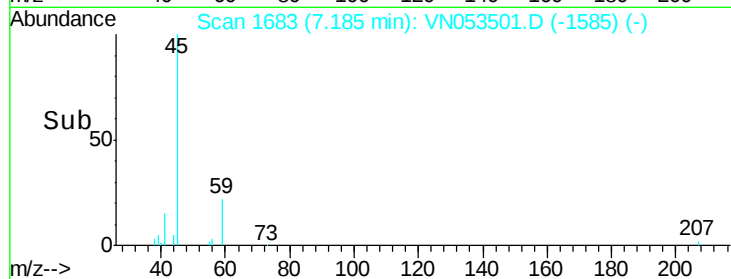
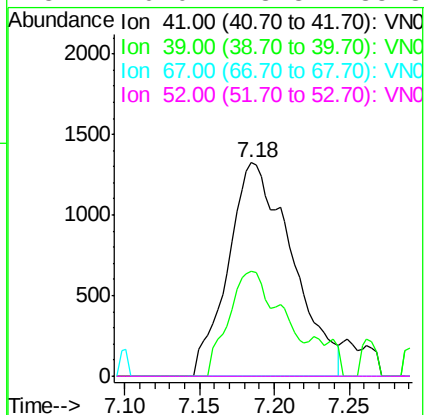
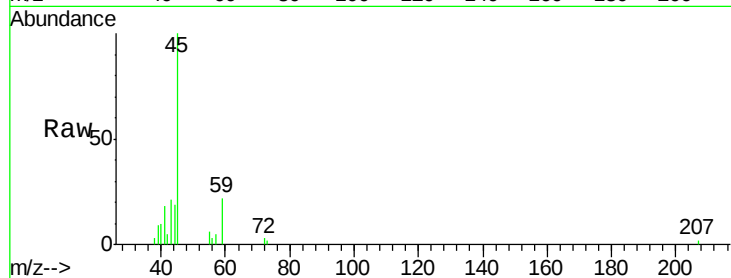




#41
Methacrylonitrile
Concen: 1.650 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.02 min
Lab File: VN053501.D
Acq: 21 Jan 2019 12:44

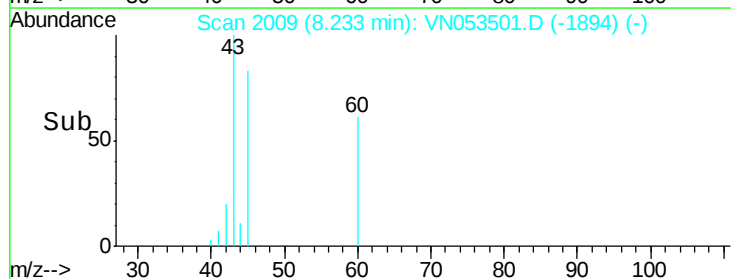
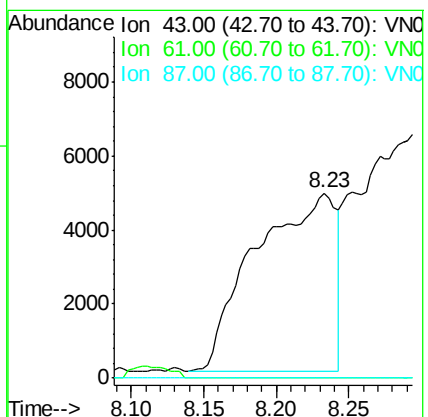
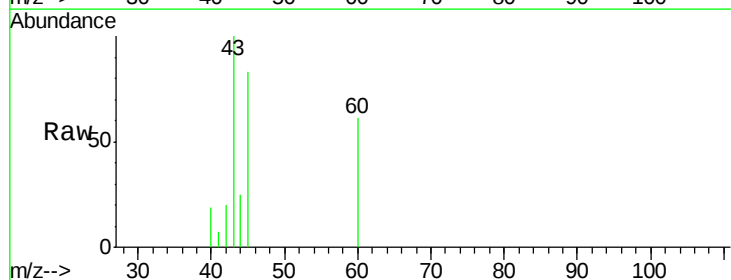
Instrument :
MSVOA_N
ClientSampled :
COMP-1

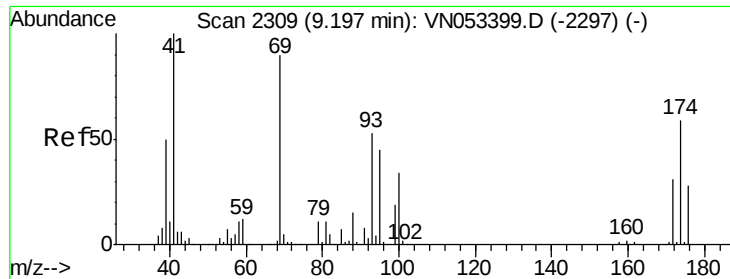
Tot Ion: 41 Resp: 3942
Ion Ratio Lower Upper
41 100
39 40.5 46.8 70.2#
67 0.0 63.0 94.6#
52 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 1.542 ug/l
RT: 8.23 min Scan# 2009
Delta R.T. 0.07 min
Lab File: VN053501.D
Acq: 21 Jan 2019 12:44

Tgt Ion: 43 Resp: 18473
Ion Ratio Lower Upper
43 100
61 0.0 23.9 35.9#
87 0.0 11.0 16.6#

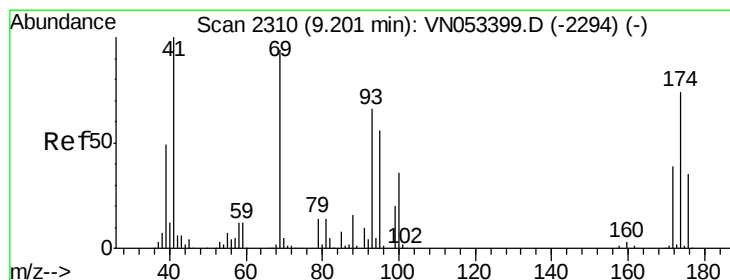
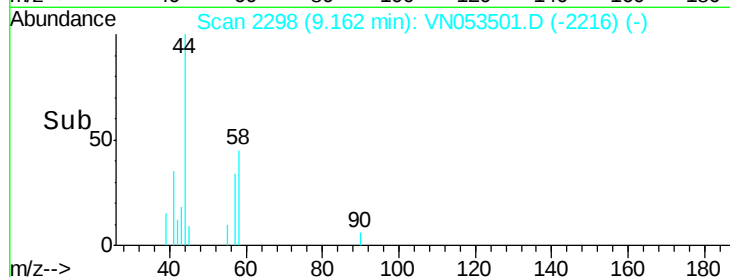
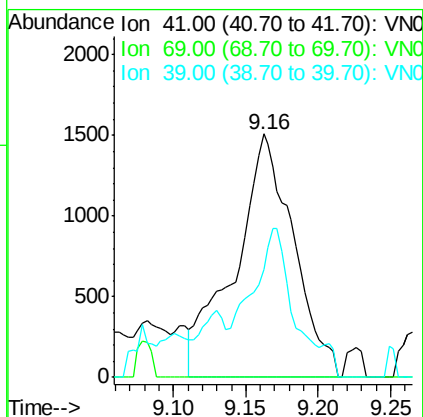
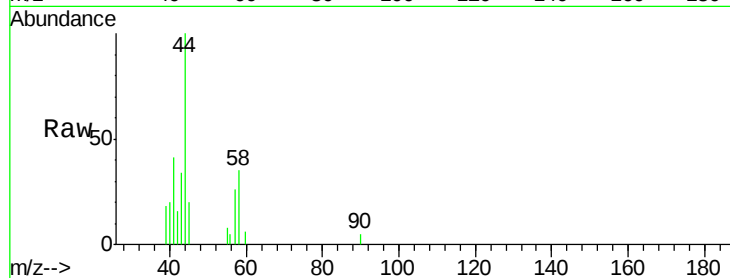




#48
Methyl methacrylate
Concen: 0.689 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.04 min
Lab File: VN053501.D
Acq: 21 Jan 2019 12:44

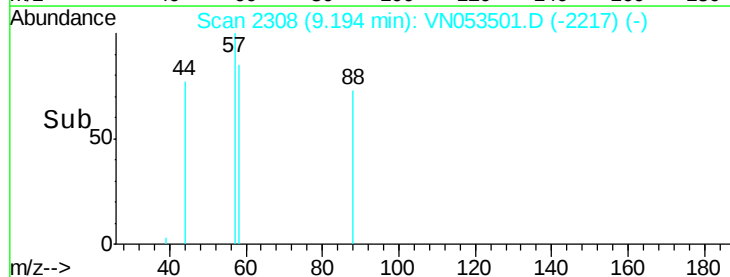
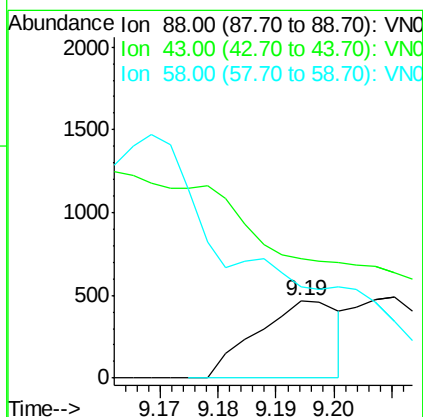
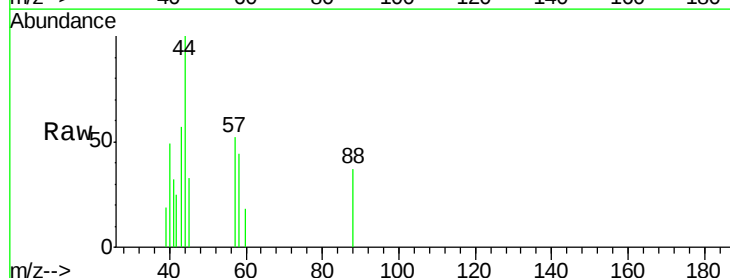
Instrument :
MSVOA_N
ClientSampled :
COMP-1

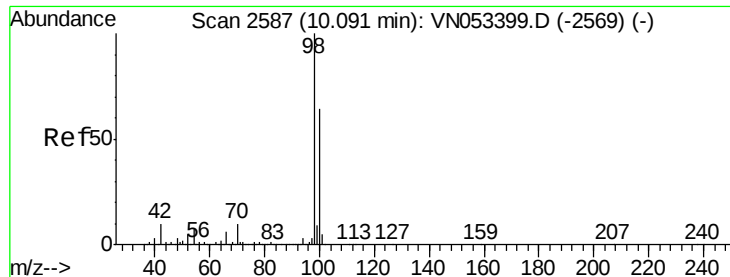
Tot Ion: 41 Resp: 4260
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 30.2 40.0 60.0#



#49
1,4-Dioxane
Concen: 7.632 ug/l
RT: 9.19 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN053501.D
Acq: 21 Jan 2019 12:44

Tgt Ion: 88 Resp: 461
Ion Ratio Lower Upper
88 100
43 0.0 27.8 41.6#
58 0.0 56.5 84.7#





#50

Toluene-d8

Concen: 7.632 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

Instrument :

MSVOA_N

ClientSampleId :

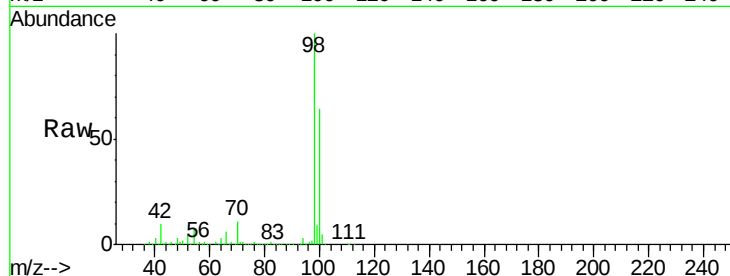
COMP-1

Tot Ion: 98 Resp: 1565162

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

1000000

800000

600000

400000

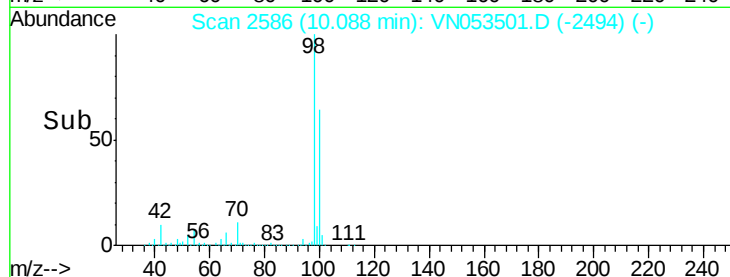
200000

0

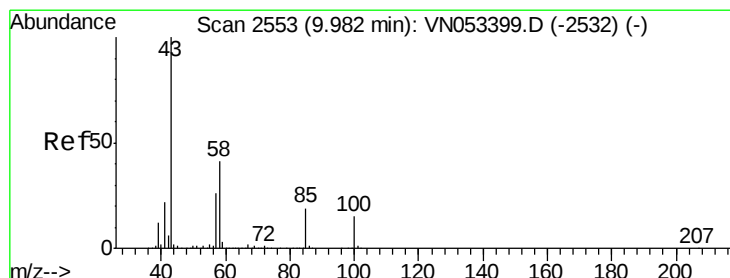
10.00

10.10

10.20



Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.333 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053501.D

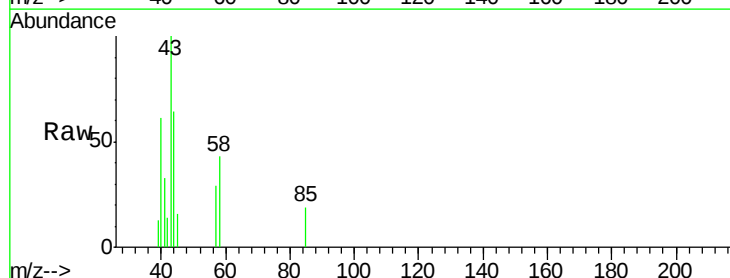
Acq: 21 Jan 2019 12:44

Tgt Ion: 43 Resp: 2180

Ion Ratio Lower Upper

43 100

58 45.0 32.8 49.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

2500

2000

1500

1000

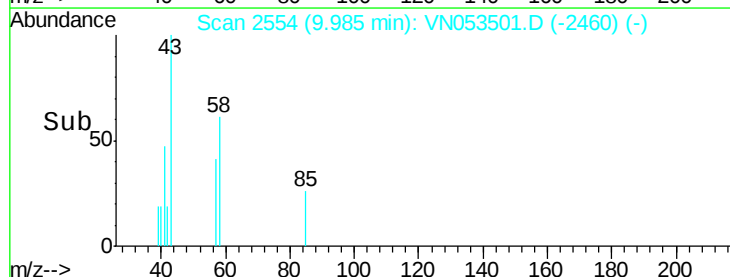
500

0

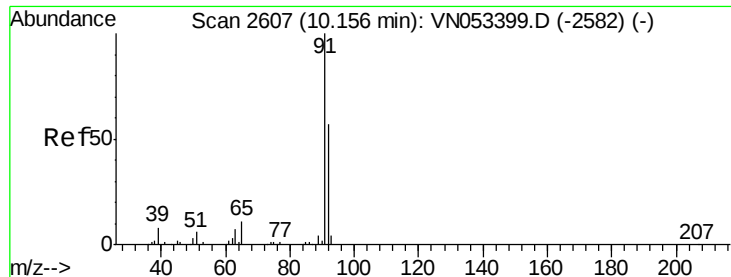
9.95

10.00

10.05



Time-->



#52

Toluene

Concen: 3.868 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

Instrument :

MSVOA_N

ClientSampled :

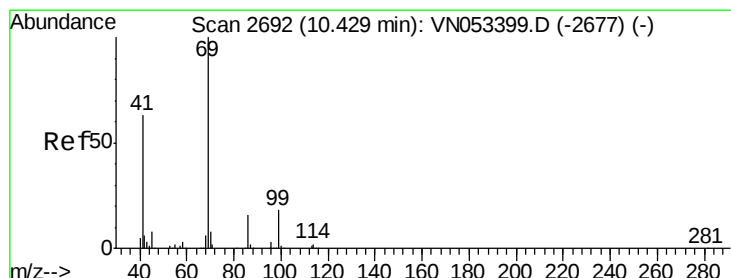
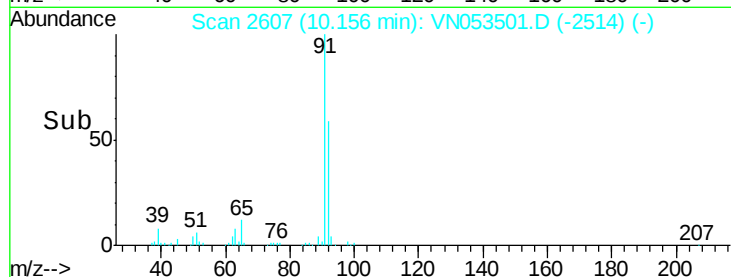
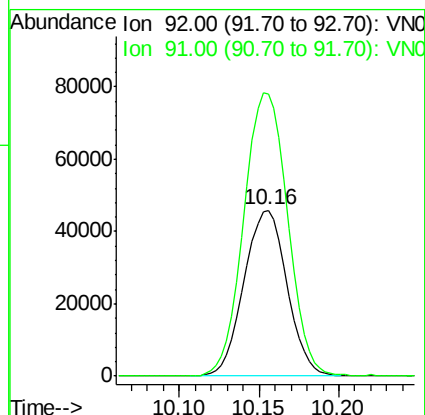
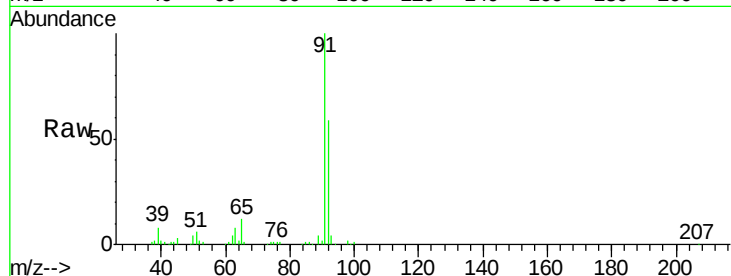
COMP-1

Tot Ion: 92 Resp: 84498

Ion Ratio Lower Upper

92 100

91 173.6 139.9 209.9



#56

Ethyl methacrylate

Concen: 2.063 ug/l

RT: 10.35 min Scan# 2666

Delta R.T. -0.08 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

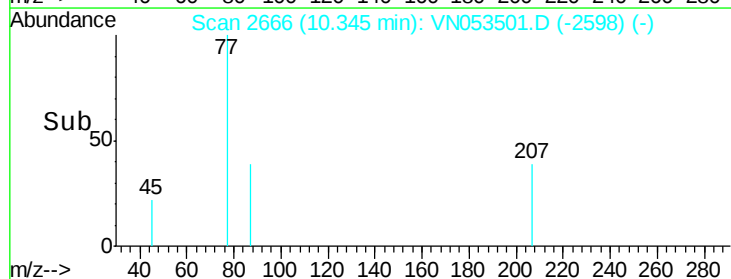
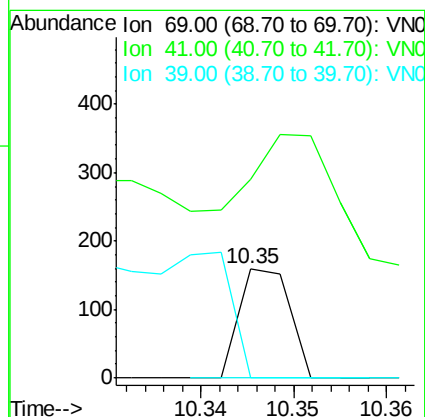
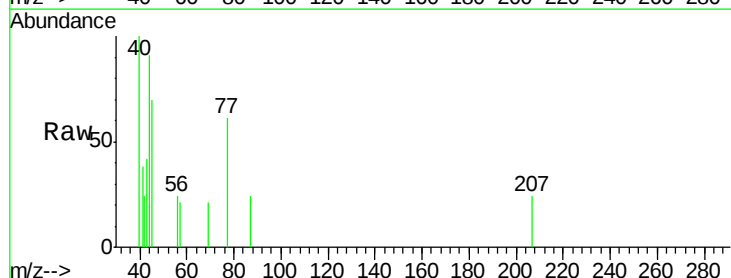
Tgt Ion: 69 Resp: 60

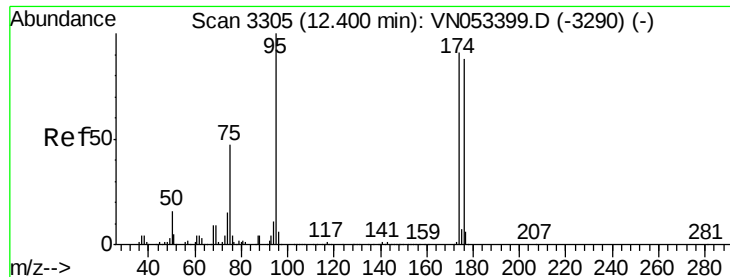
Ion Ratio Lower Upper

69 100

41 195.0 49.4 74.0#

39 0.0 23.3 34.9#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

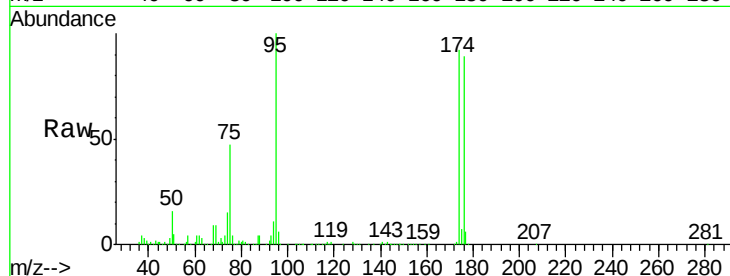
Tot Ion: 95 Resp: 549389

Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.2

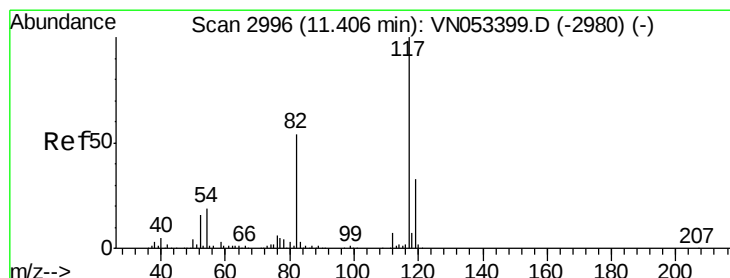
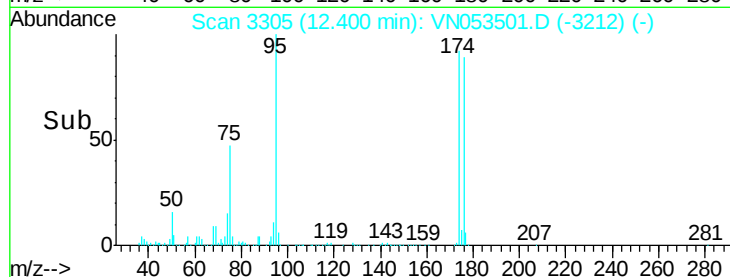
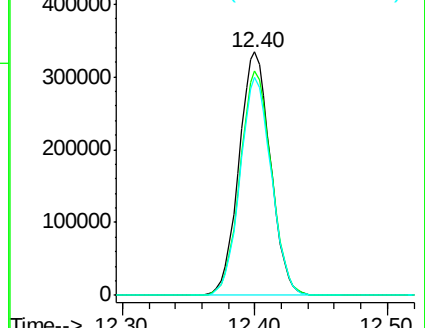
176 88.8 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

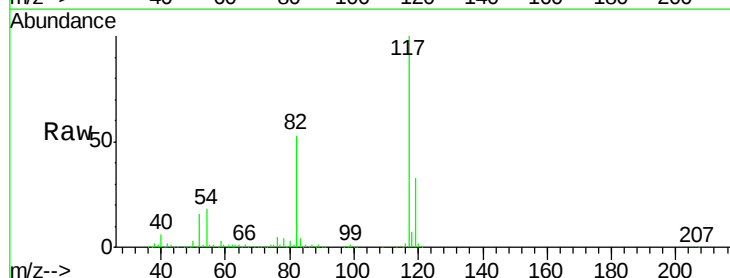
Tgt Ion: 117 Resp: 1183417

Ion Ratio Lower Upper

117 100

82 52.7 42.9 64.3

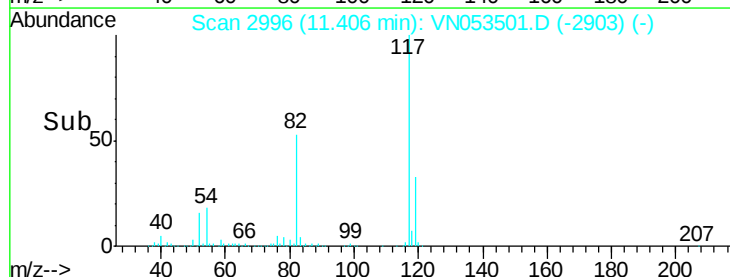
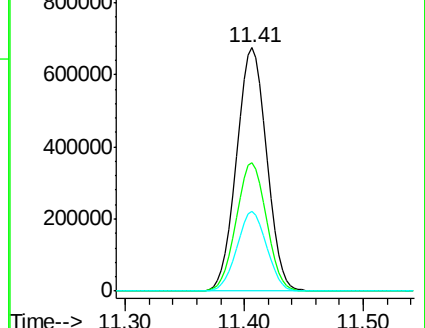
119 32.7 26.0 39.0

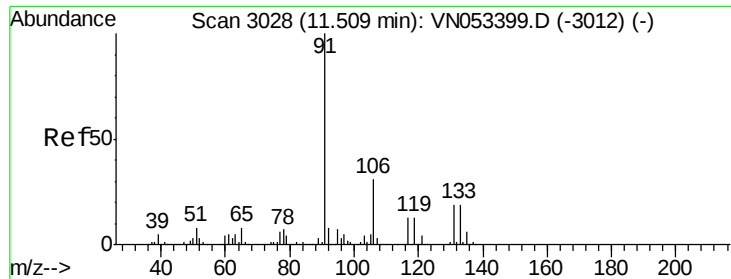


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)





#67

Ethyl Benzene

Concen: 0.757 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

Instrument :

MSVOA_N

ClientSampled :

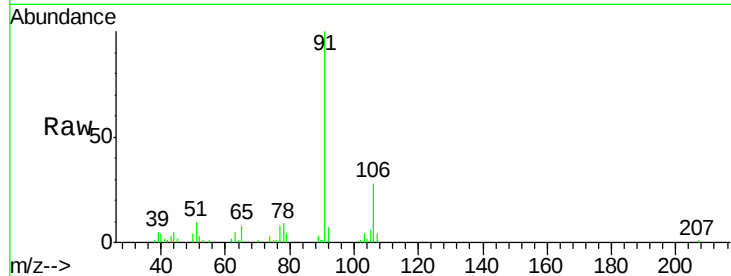
COMP-1

Tot Ion: 91 Resp: 32317

Ion Ratio Lower Upper

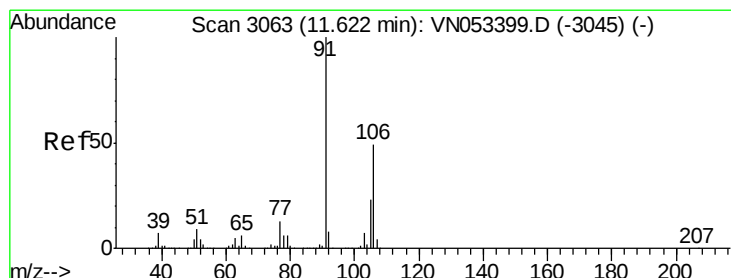
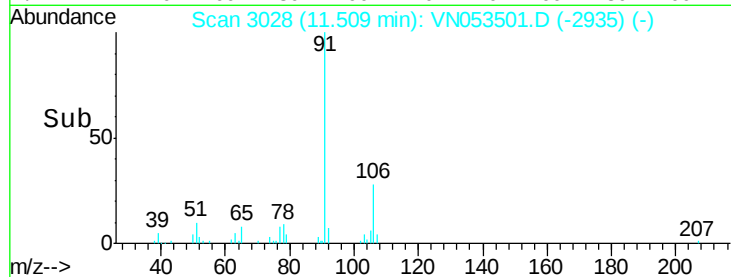
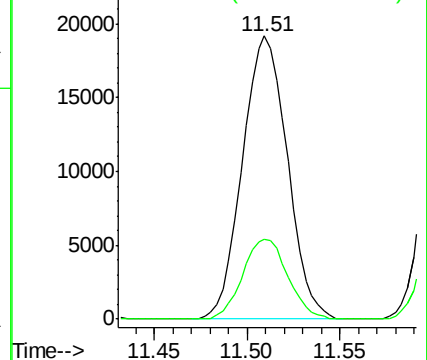
91 100

106 28.3 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 2.910 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.01 min

Lab File: VN053501.D

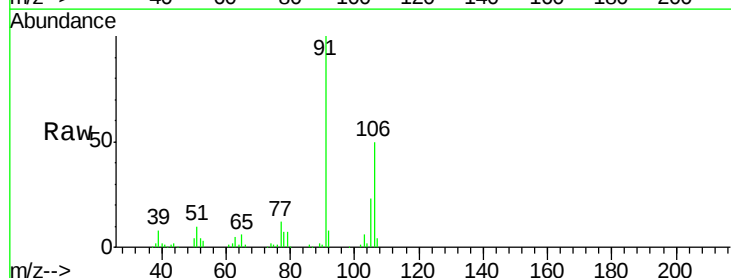
Acq: 21 Jan 2019 12:44

Tgt Ion: 106 Resp: 46901

Ion Ratio Lower Upper

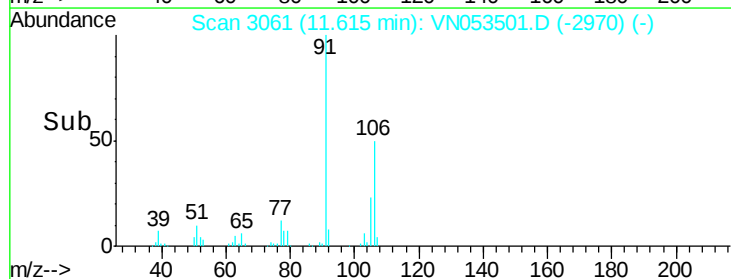
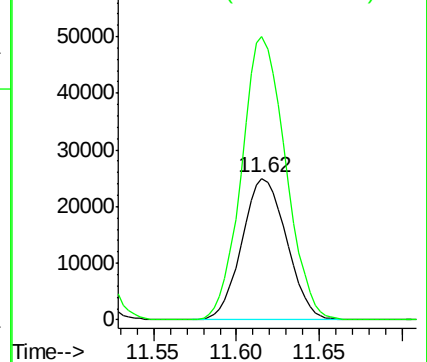
106 100

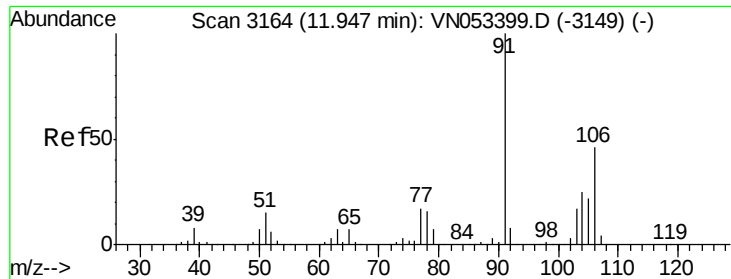
91 197.0 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

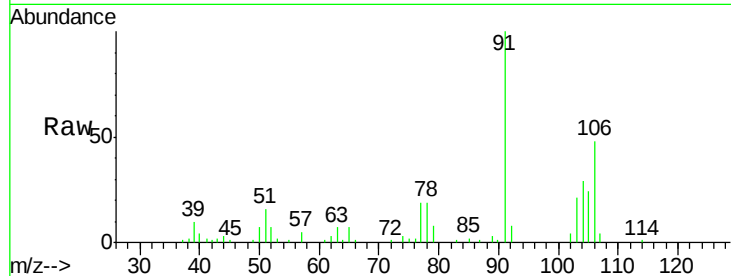




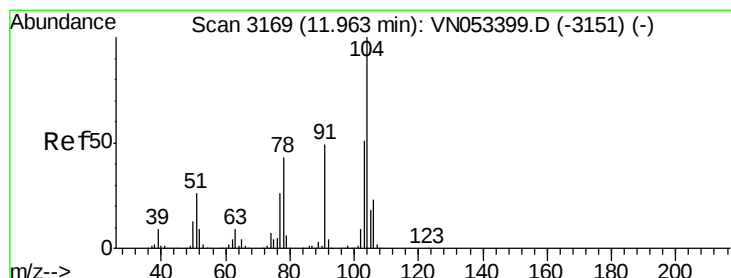
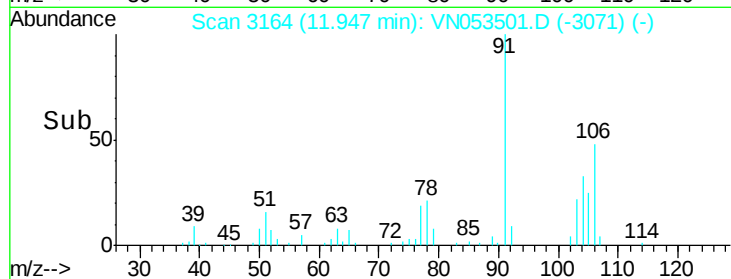
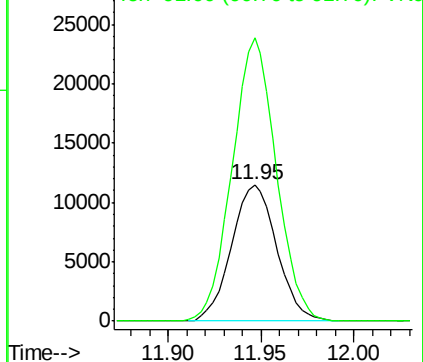
#69
o-Xylene
Concen: 1.240 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053501.D
Acq: 21 Jan 2019 12:44

Instrument :
MSVOA_N
ClientSampled :
COMP-1

Tot Ion:106 Resp: 19413
Ion Ratio Lower Upper
106 100
91 202.2 106.9 320.8

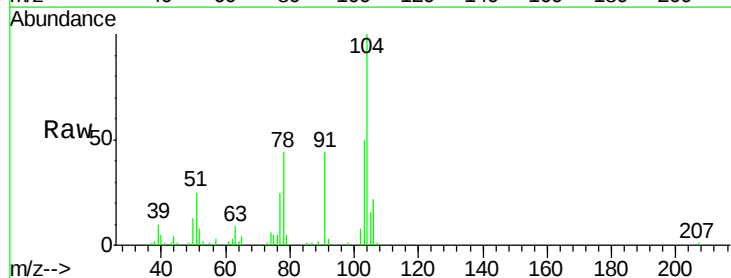


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

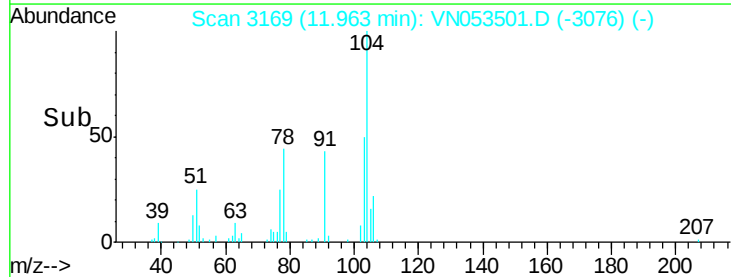
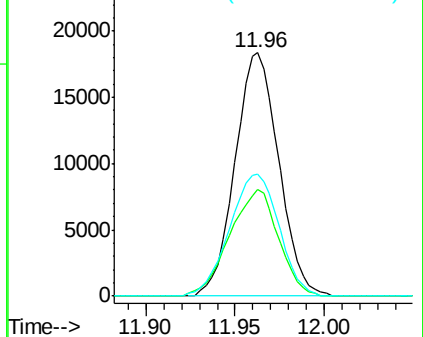


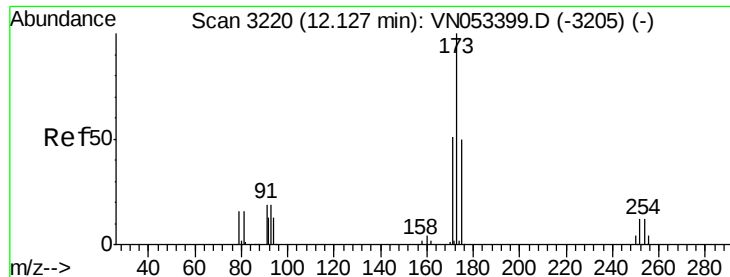
#70
Styrene
Concen: 1.235 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053501.D
Acq: 21 Jan 2019 12:44

Tgt Ion:104 Resp: 31399
Ion Ratio Lower Upper
104 100
78 48.9 38.2 57.2
103 56.8 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.639 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

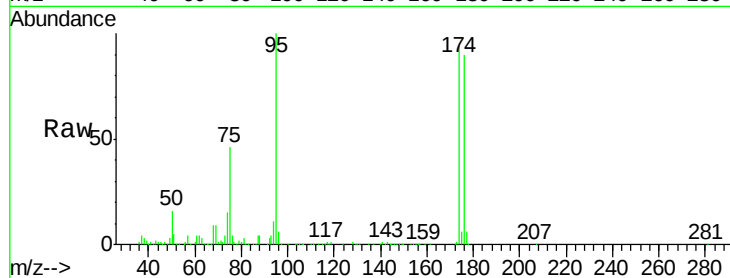
Tot Ion:173 Resp: 3836

Ion Ratio Lower Upper

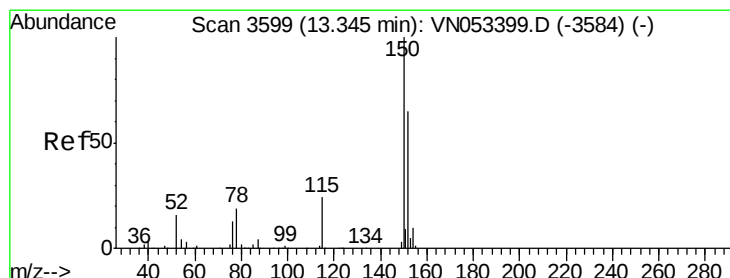
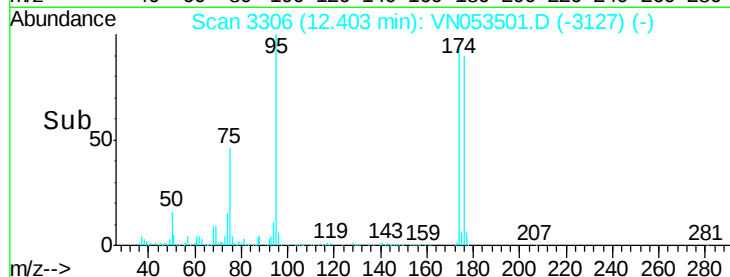
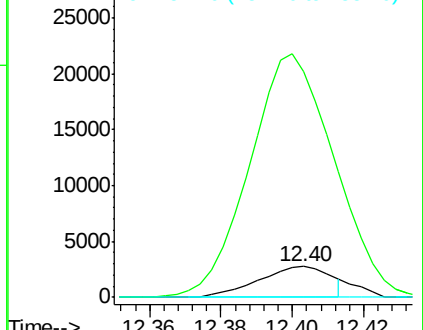
173 100

175 837.9 24.6 74.0#

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

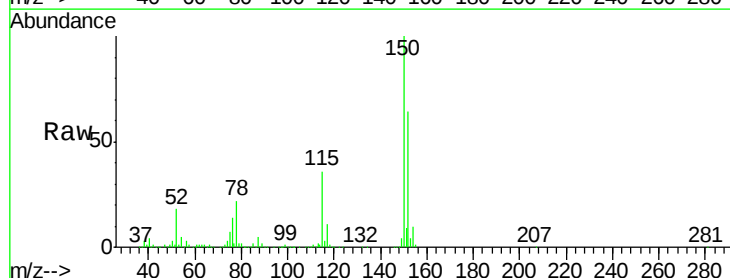
Tgt Ion:152 Resp: 560326

Ion Ratio Lower Upper

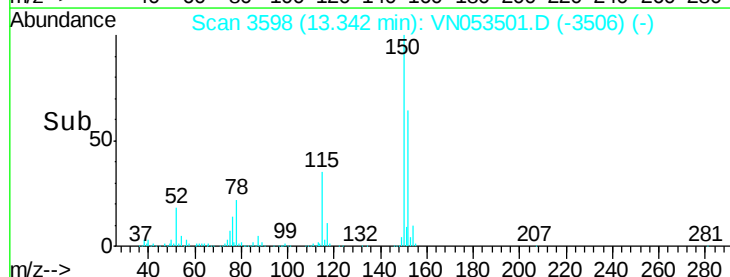
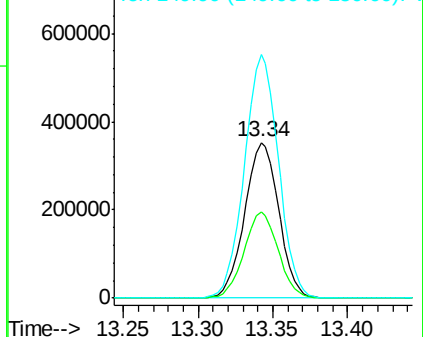
152 100

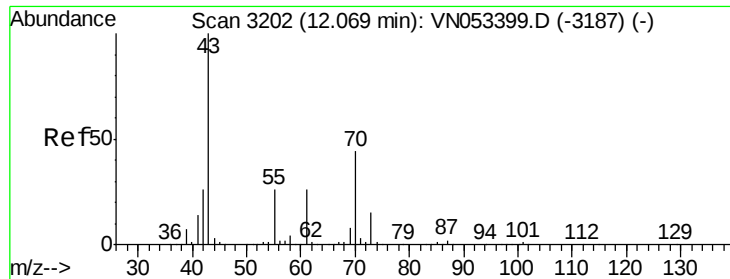
115 55.2 27.8 83.4

150 156.4 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.638 ug/l

RT: 11.99 min Scan# 3178

Delta R.T. -0.08 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

Instrument :

MSVOA_N

ClientSampled :

COMP-1

Tot Ion: 43 Resp: 6984

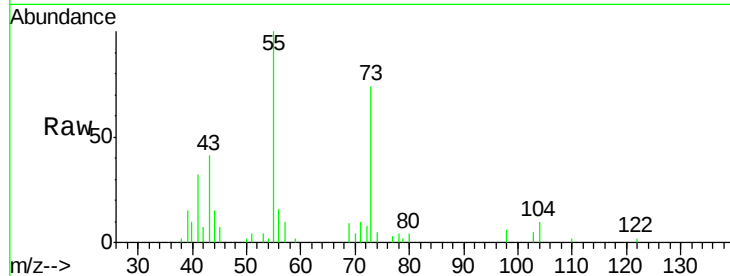
Ion Ratio Lower Upper

43 100

70 7.3 35.4 53.2#

55 210.8 20.9 31.3#

61 0.0 20.5 30.7#

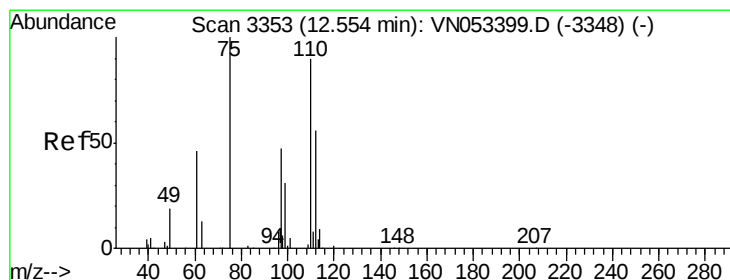
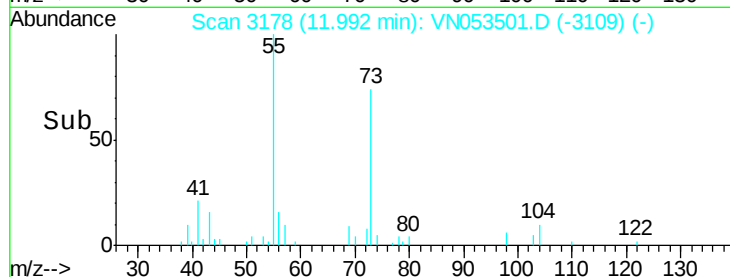
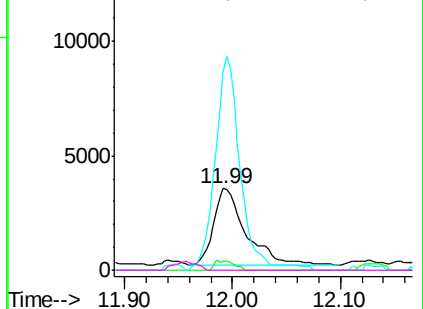


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 34.671 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053501.D

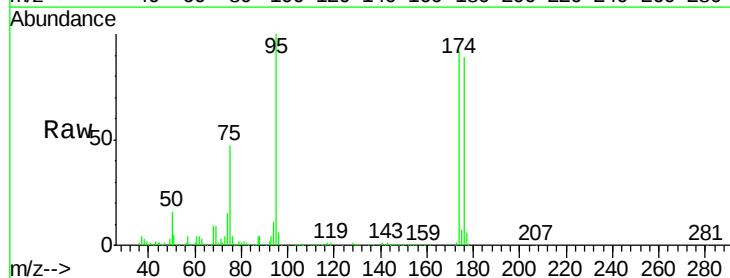
Acq: 21 Jan 2019 12:44

Tgt Ion: 75 Resp: 256008

Ion Ratio Lower Upper

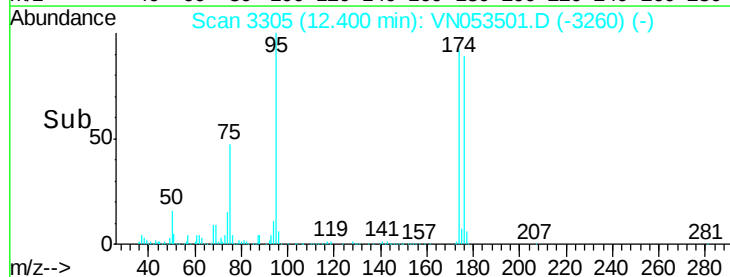
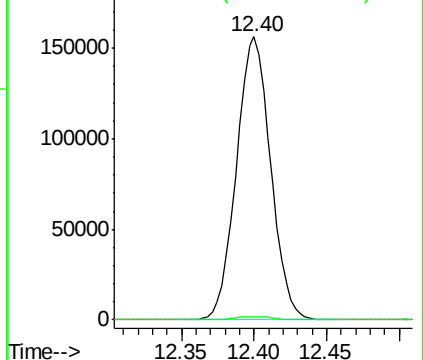
75 100

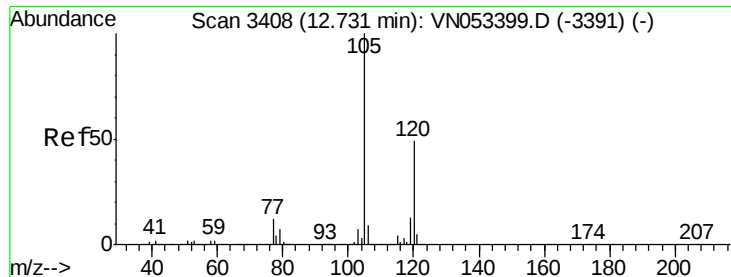
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.579 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

Instrument :

MSVOA_N

ClientSampled :

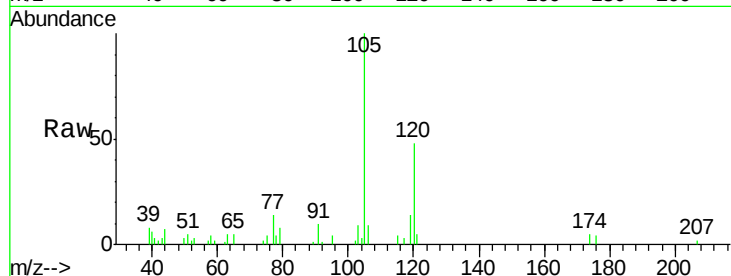
COMP-1

Tot Ion:105 Resp: 19343

Ion Ratio Lower Upper

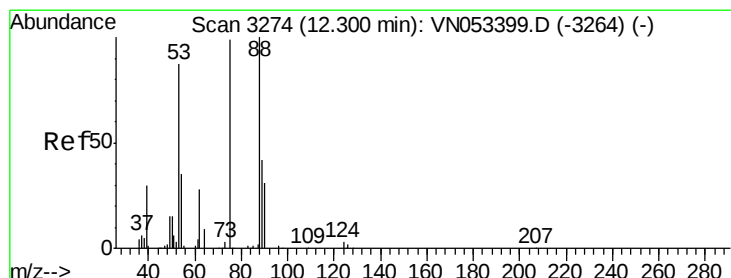
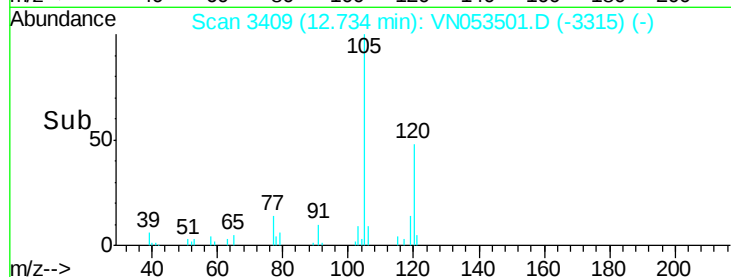
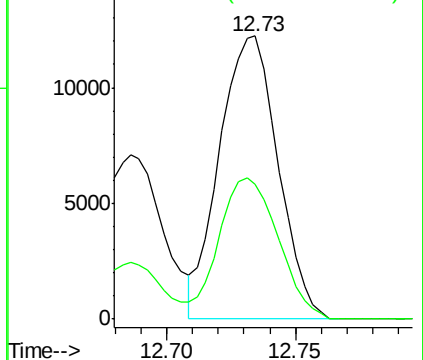
105 100

120 50.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 85.830 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

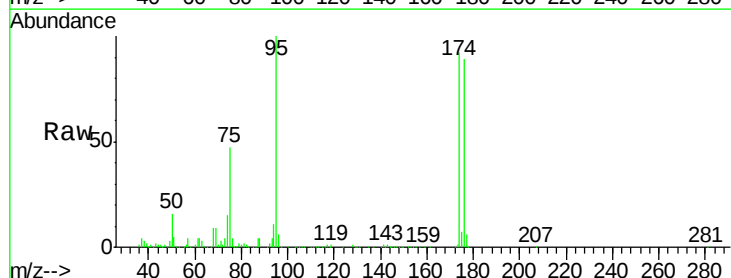
Tgt Ion: 75 Resp: 256008

Ion Ratio Lower Upper

75 100

53 0.2 69.8 104.6#

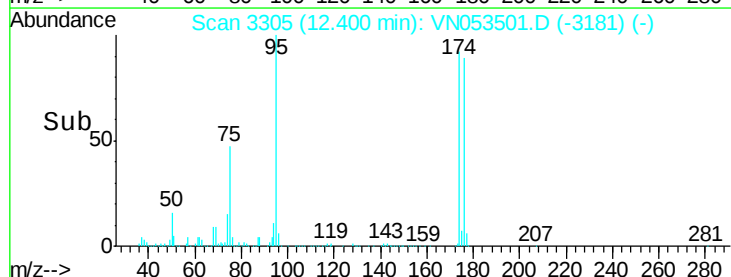
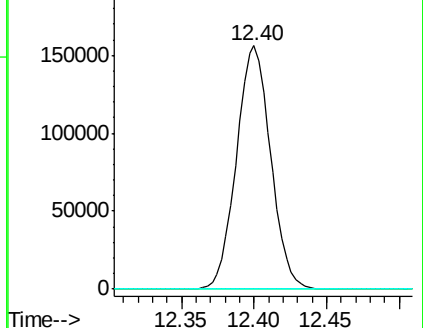
89 0.0 35.6 53.4#

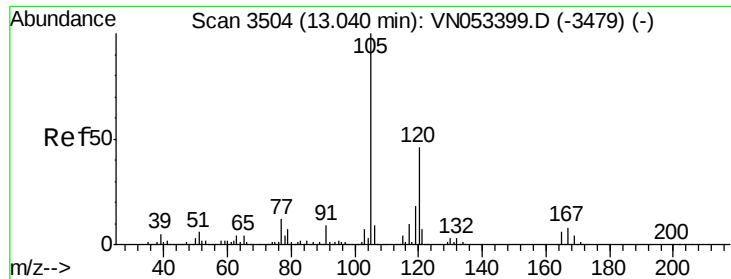


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 1.492 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

Instrument :

MSVOA_N

ClientSampleId :

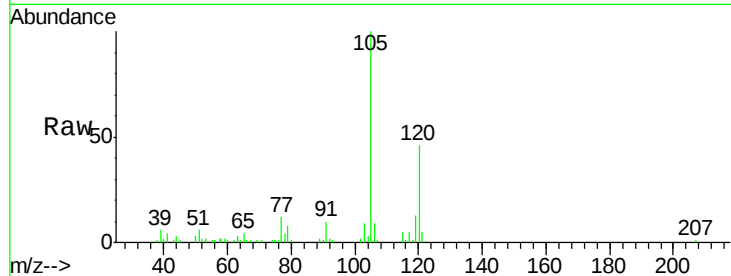
COMP-1

Tot Ion:105 Resp: 50229

Ion Ratio Lower Upper

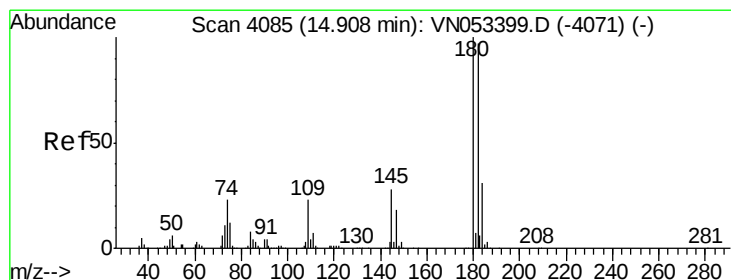
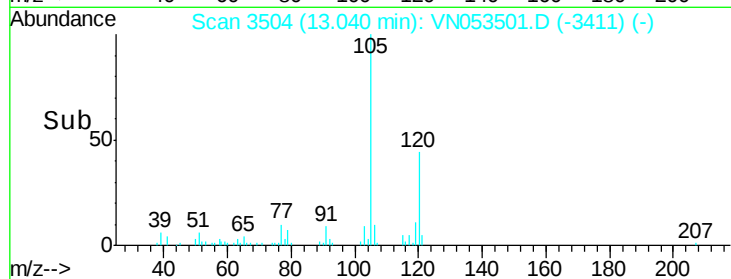
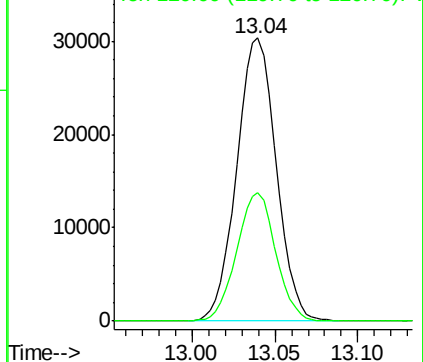
105 100

120 44.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 2.938 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

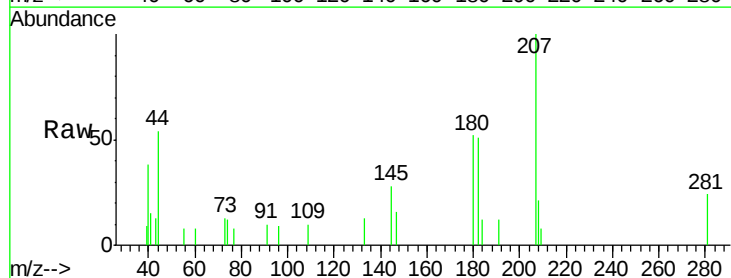
Tgt Ion:180 Resp: 1407

Ion Ratio Lower Upper

180 100

182 118.0 48.1 144.3

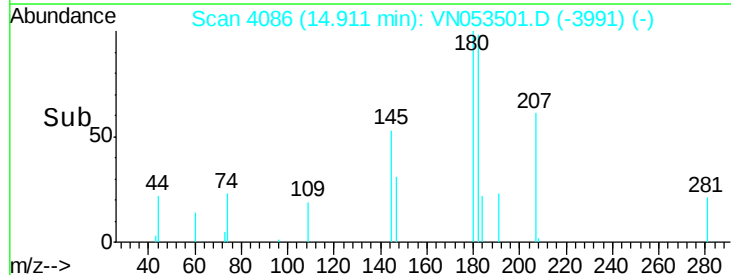
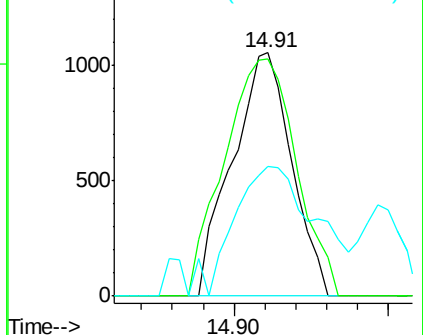
145 74.3 13.9 41.6#

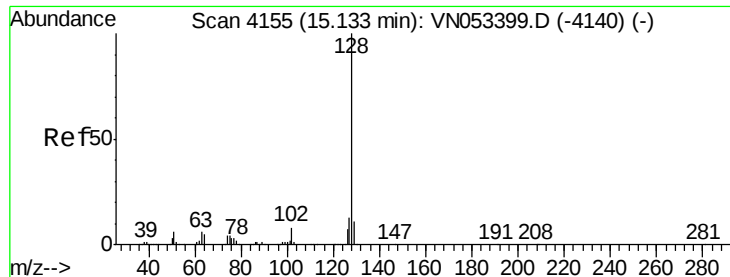


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 17.198 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

Instrument :

MSVOA_N

ClientSampled :

COMP-1

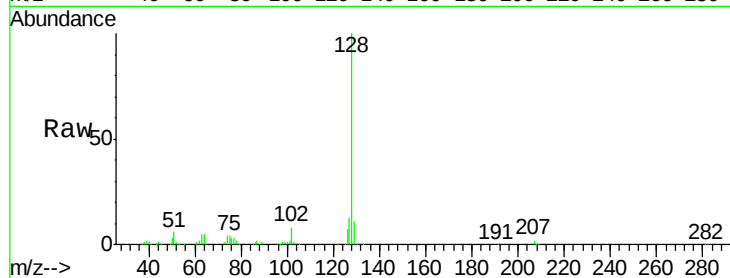
Tot Ion:128 Resp: 194964

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

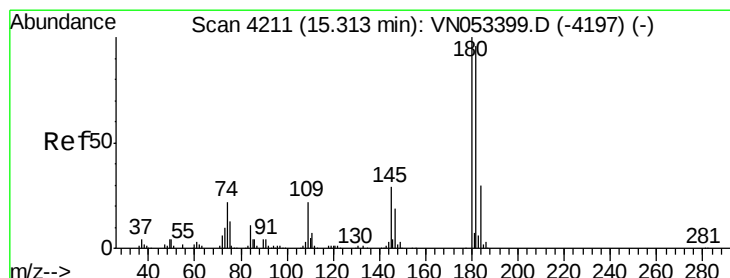
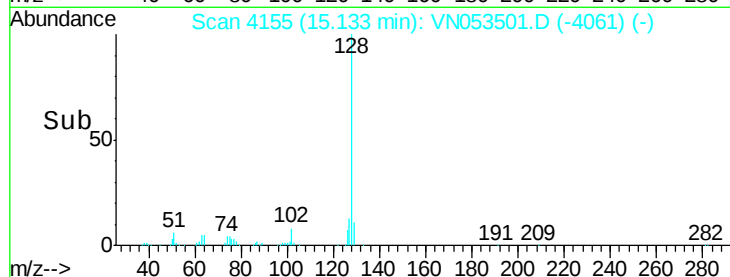
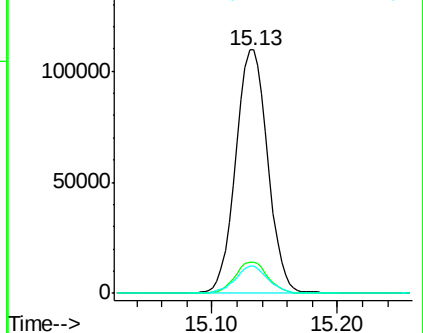
129 11.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.172 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053501.D

Acq: 21 Jan 2019 12:44

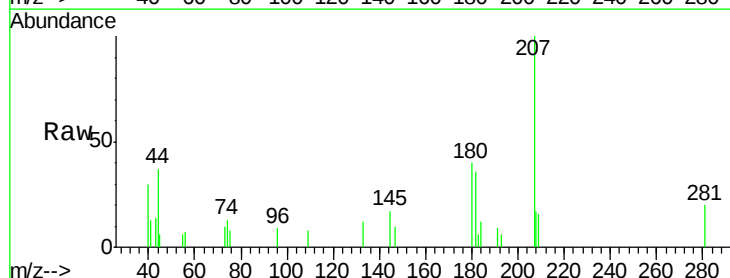
Tgt Ion:180 Resp: 1644

Ion Ratio Lower Upper

180 100

182 105.7 47.9 143.8

145 59.6 14.7 44.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

