

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042719\
 Data File : VN055277.D
 Acq On : 26 Apr 2019 15:42
 Operator : JC/SP
 Sample : PB119226TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119226TB

Quant Time: Apr 27 02:02:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	372686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	640122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	576660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	159895	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	261017	51.74	ug/l	0.00
Spiked Amount			Recovery	=	103.48%	
35) Dibromofluoromethane	7.59	113	209943	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
50) Toluene-d8	10.09	98	791588	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.40	95	233513	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	154	9.844	ug/l #	14
16) Acetone	3.83	43	12117	7.266	ug/l	92
17) Carbon Disulfide	4.05	76	4764	0.444	ug/l	100
18) Methyl Acetate	4.33	43	2811	Below Cal		93
20) Methylene Chloride	4.55	84	3938	0.821	ug/l #	83
29) Tetrahydrofuran	7.22	42	1672	1.263	ug/l #	72
31) Cyclohexane	7.66	56	8475	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	28977	4.877	ug/l #	50
38) Carbon Tetrachloride	7.67	117	35726	6.421	ug/l #	17
43) Isopropyl Acetate	8.17	43	20308	2.616	ug/l #	89
48) Methyl methacrylate	9.18	41	10323	2.741	ug/l #	15
49) 1,4-Dioxane	9.27	88	94	2.161	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6307	1.412	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	67324	9.964	ug/l #	69
56) Ethyl methacrylate	10.55	69	1209	0.245	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	12141	1.760	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.71	63	59	11.311	ug/l #	51
59) 2-Hexanone	10.76	43	215241	76.269	ug/l #	55
71) Bromoform	12.40	173	2100	0.807	ug/l #	1
73) Isopropylbenzene	12.25	105	1337	Below Cal		99
74) N-amyl acetate	12.07	43	1077	0.261	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.50	83	350	Below Cal	#	59
76) 1,2,3-Trichloropropane	12.40	75	121833	37.558	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	14178	1.184	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	121833	142.377	ug/l #	5
83) tert-Butylbenzene	12.99	119	666	Below Cal	#	47
88) 1,4-Dichlorobenzene	13.37	146	1201	0.228	ug/l #	36
89) n-Butylbenzene	13.62	91	2401	0.290	ug/l	94
93) 1,2,4-Trichlorobenzene	14.90	180	419	2.906	ug/l #	12
94) Hexachlorobutadiene	15.01	225	876	Below Cal		72
95) Naphthalene	15.13	128	3266	3.983	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.32	180	1424	2.707	ug/l #	87

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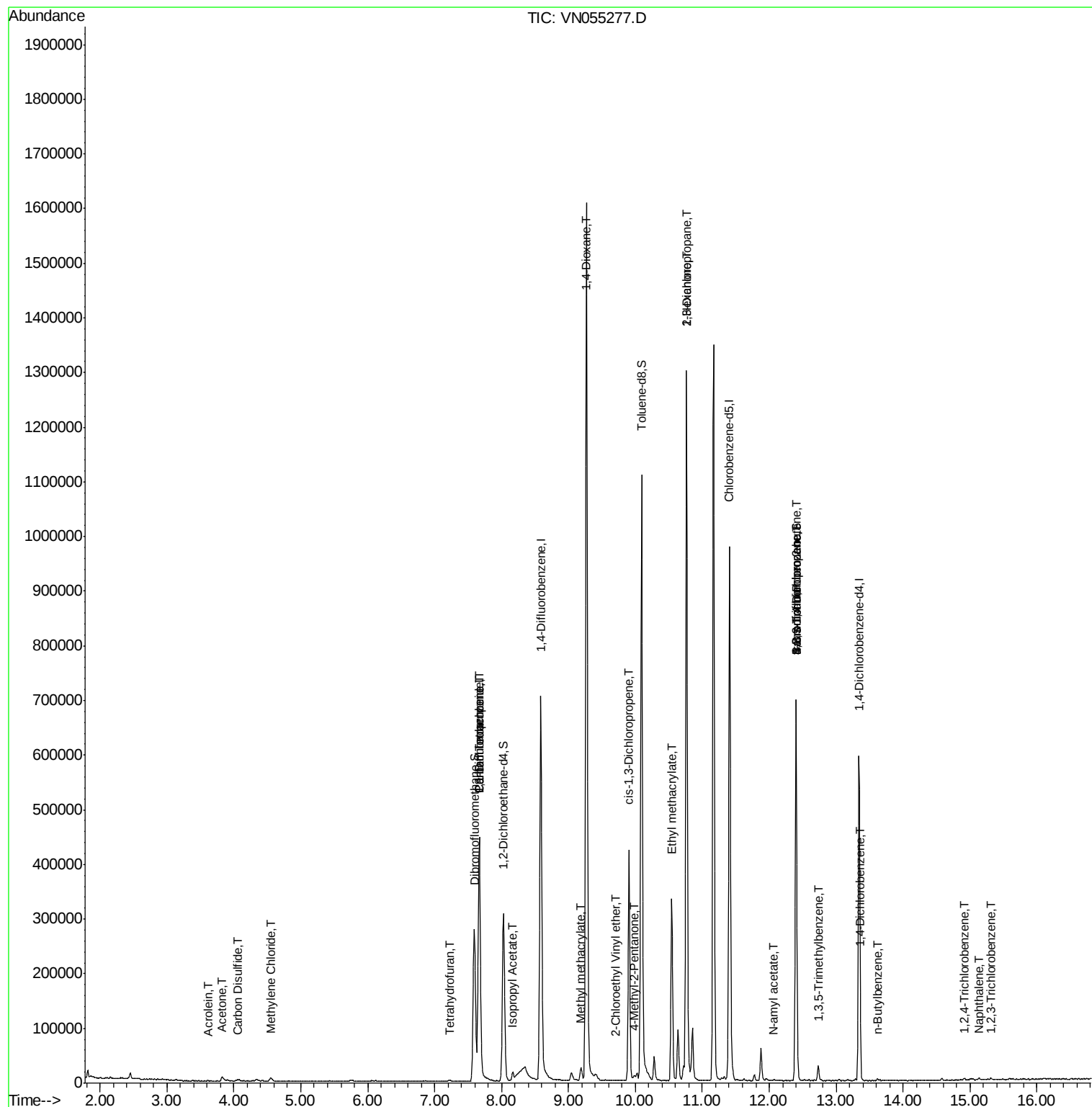
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

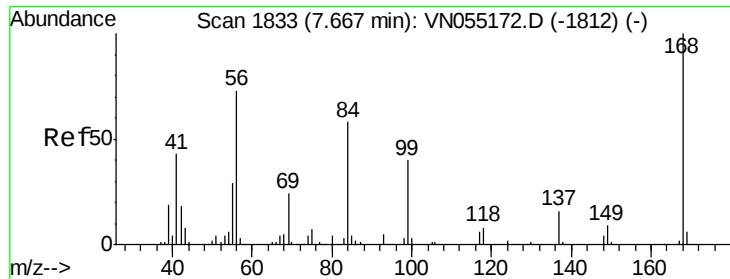
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042719\
Data File : VN055277.D
Acq On : 26 Apr 2019 15:42
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Sample : PB119226TB
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

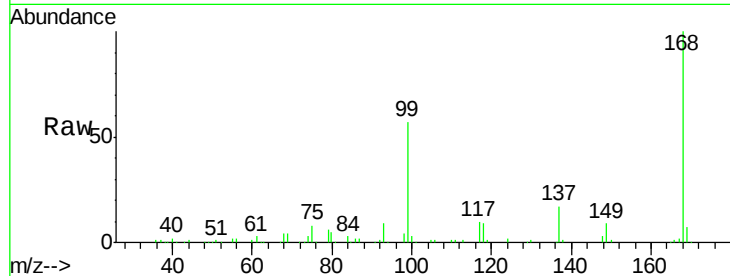
PB119226TB

Tot Ion:168 Resp: 372686

Ion Ratio Lower Upper

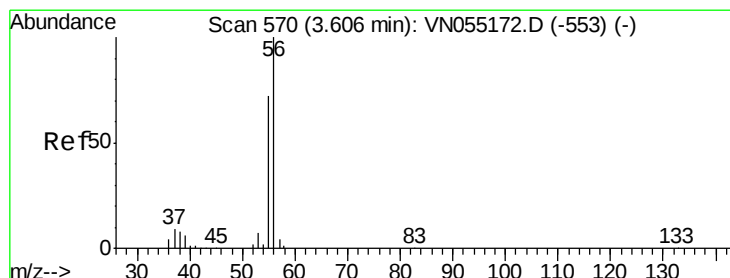
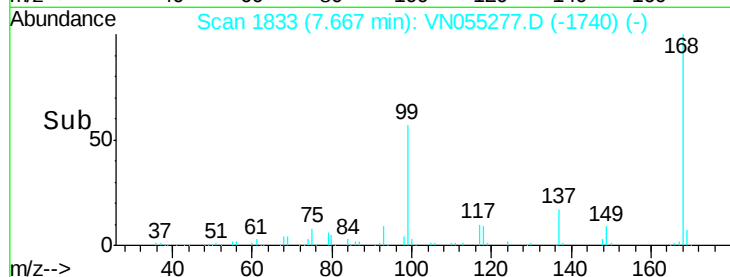
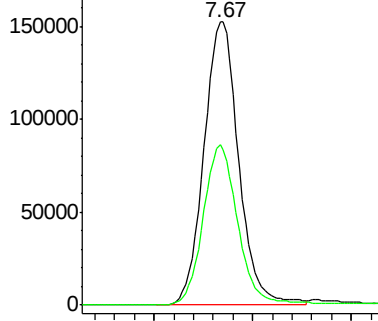
168 100

99 56.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#13

Acrolein

Concen: 9.844 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN055277.D

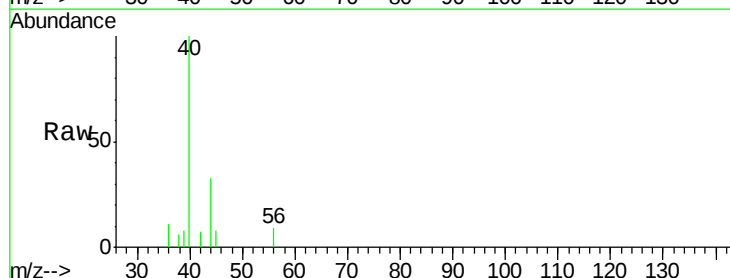
Acq: 26 Apr 2019 15:42

Tgt Ion: 56 Resp: 154

Ion Ratio Lower Upper

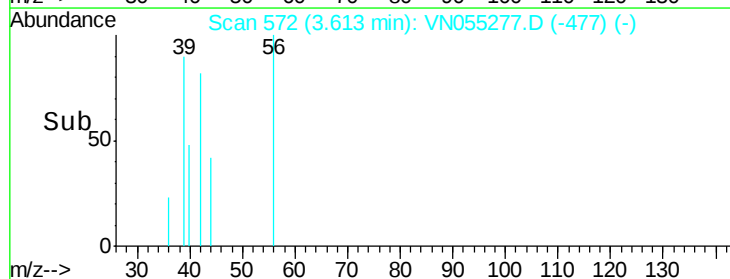
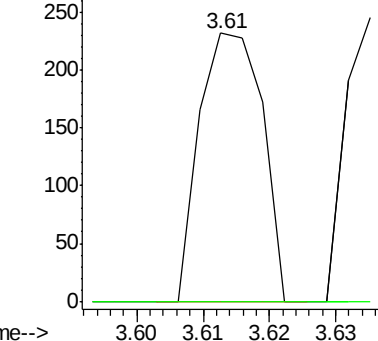
56 100

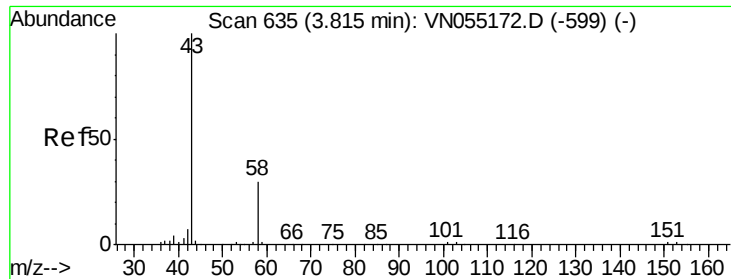
55 0.0 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO





#16

Acetone

Concen: 7.266 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

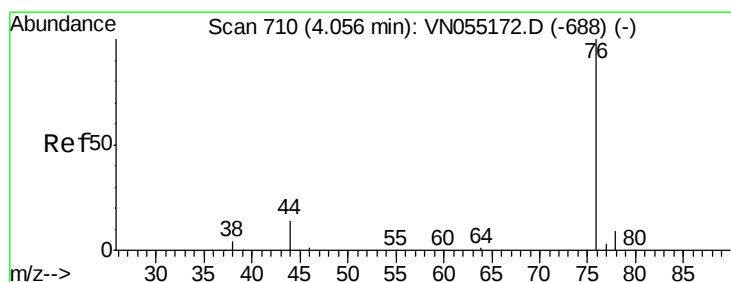
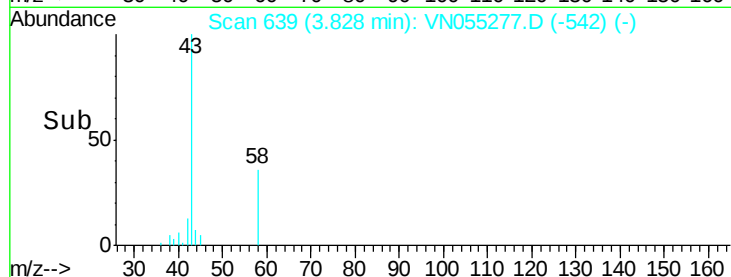
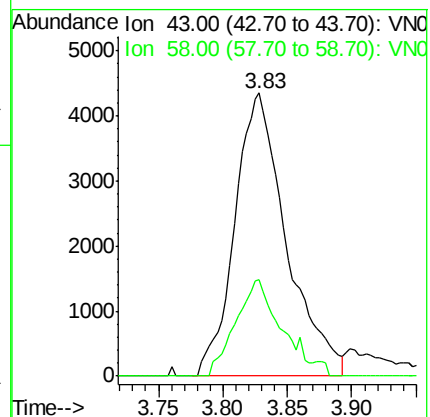
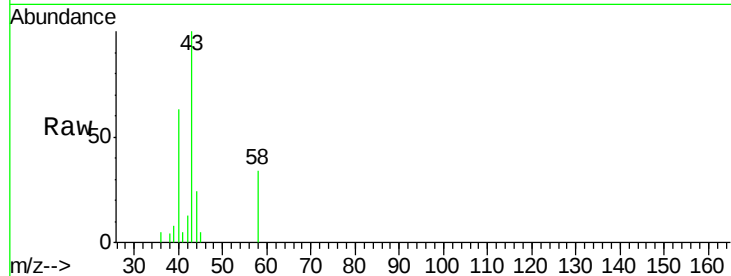
PB119226TB

Tot Ion: 43 Resp: 12117

Ion Ratio Lower Upper

43 100

58 34.1 23.8 35.8



#17

Carbon Disulfide

Concen: 0.444 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN055277.D

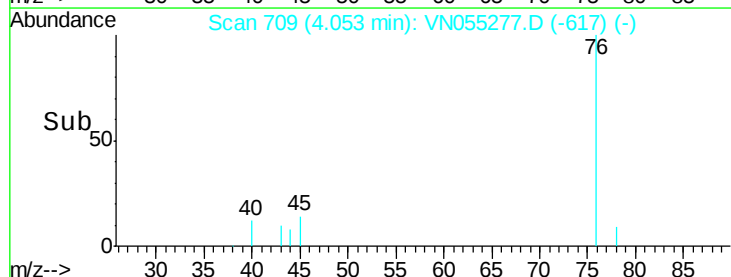
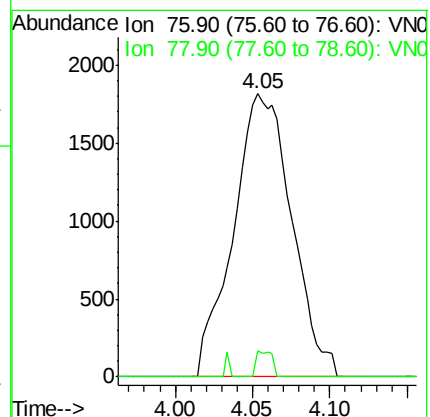
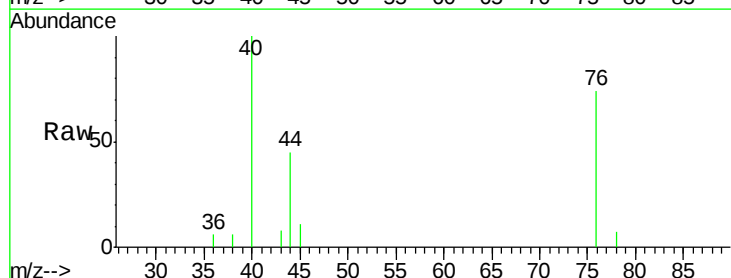
Acq: 26 Apr 2019 15:42

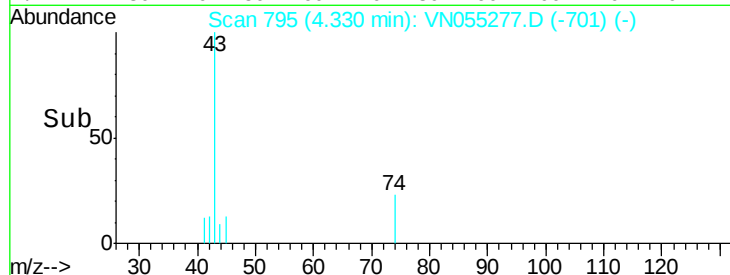
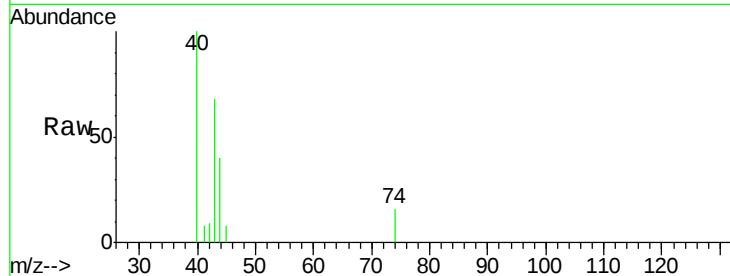
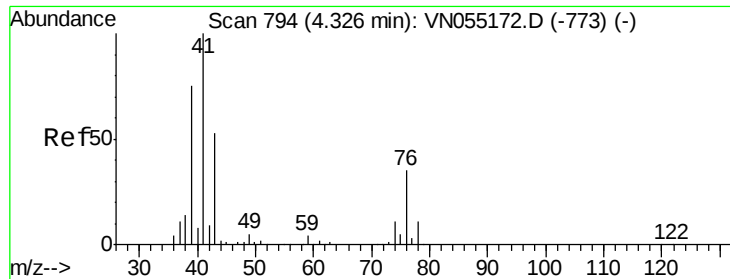
Tgt Ion: 76 Resp: 4764

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

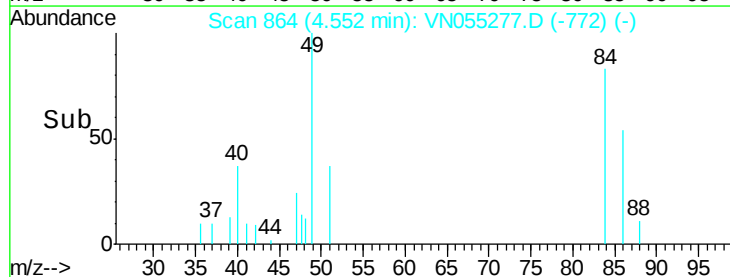
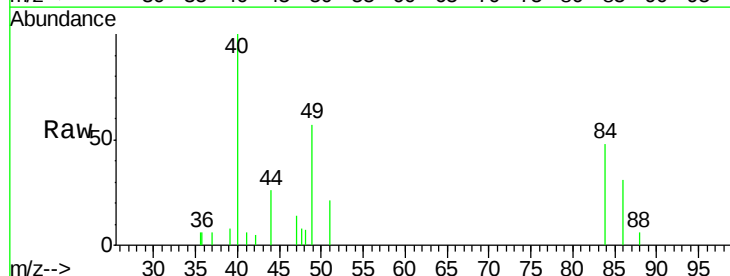
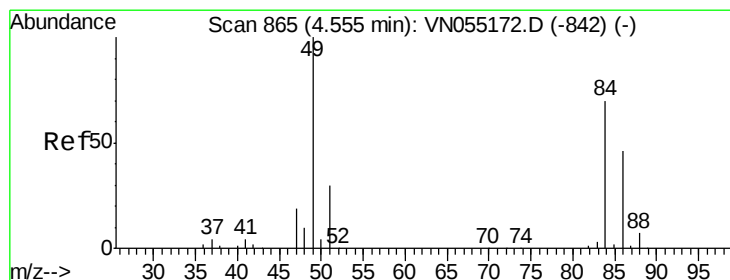
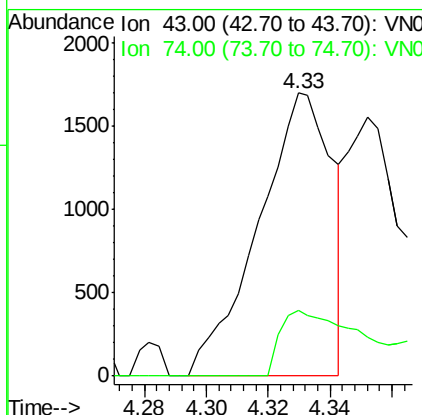




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055277.D
Acq: 26 Apr 2019 15:42

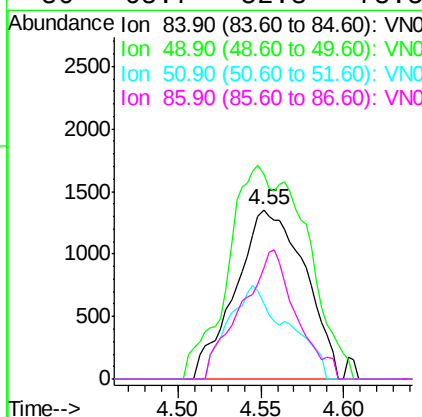
Tot Ion: 43 Resp: 2811
Ion Ratio Lower Upper
43 100
74 24.3 16.7 25.1

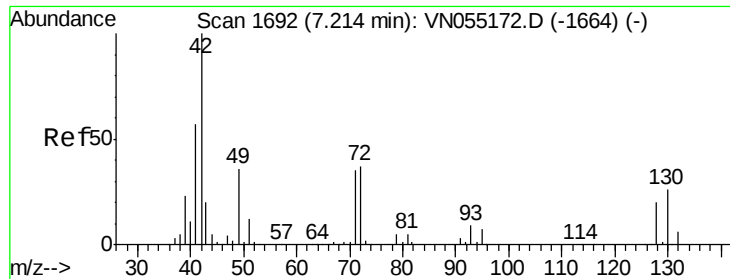
Instrument :
MSVOA_N
ClientSampled :
PB119226TB



#20
Methylene Chloride
Concen: 0.821 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055277.D
Acq: 26 Apr 2019 15:42

Tgt Ion: 84 Resp: 3938
Ion Ratio Lower Upper
84 100
49 106.1 113.8 170.6#
51 44.9 34.0 51.0
86 65.7 52.3 78.5





#29

Tetrahydrofuran

Concen: 1.263 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

PB119226TB

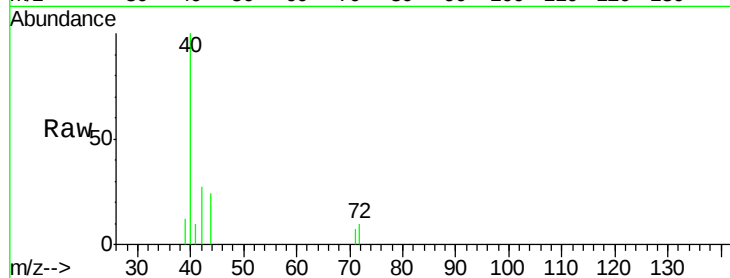
Tot Ion: 42 Resp: 1672

Ion Ratio Lower Upper

42 100

72 27.3 29.4 44.2#

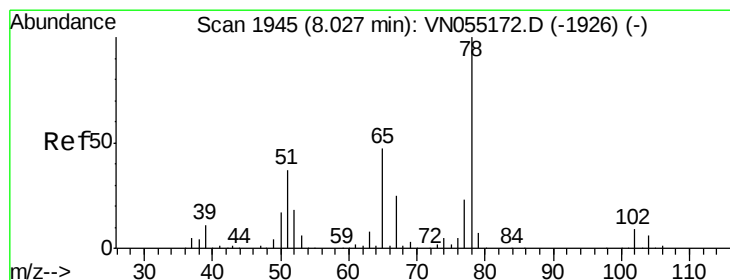
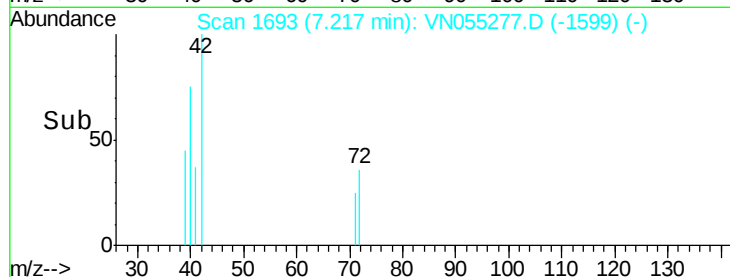
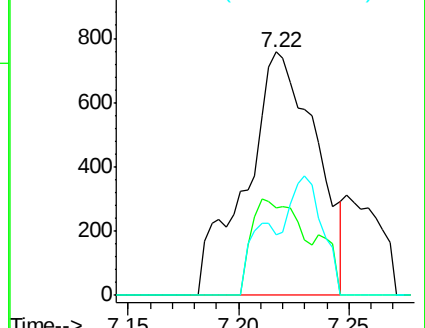
71 11.5 27.8 41.8#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.744 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055277.D

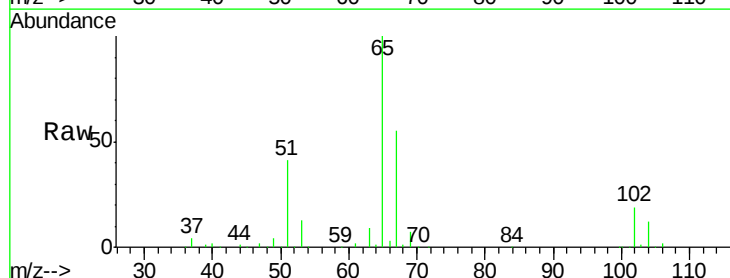
Acq: 26 Apr 2019 15:42

Tgt Ion: 65 Resp: 261017

Ion Ratio Lower Upper

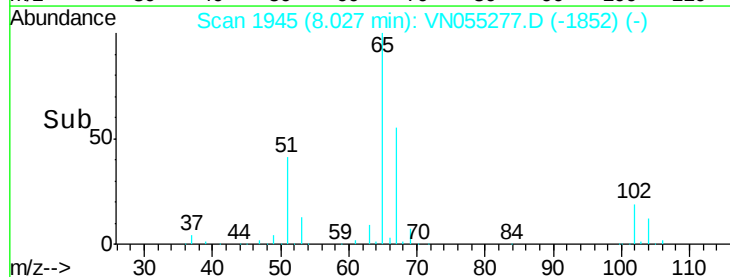
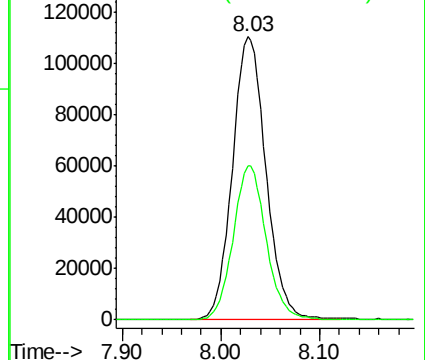
65 100

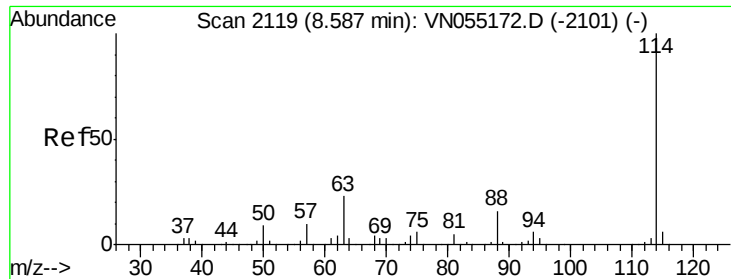
67 53.7 0.0 108.6



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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

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ClientSampleId :

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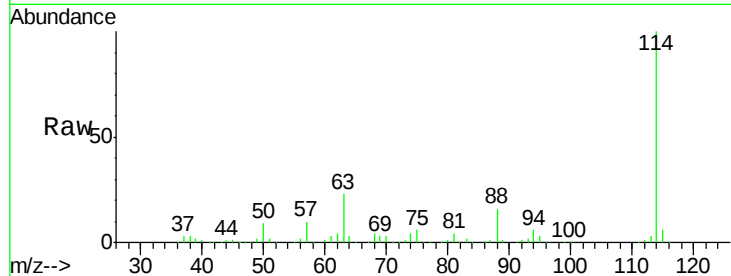
Tot Ion:114 Resp: 640122

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

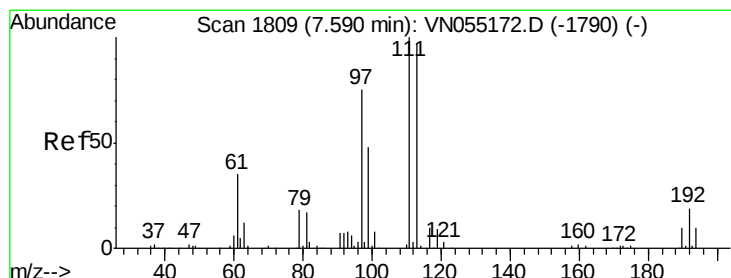
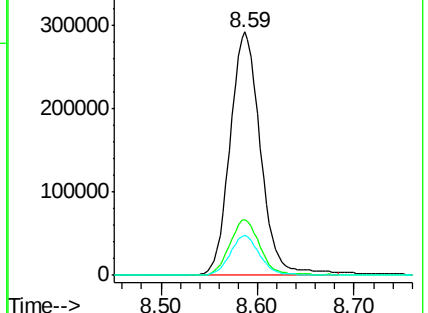
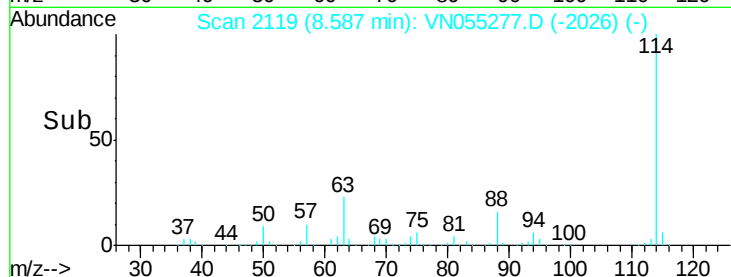
88 16.5 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 48.278 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

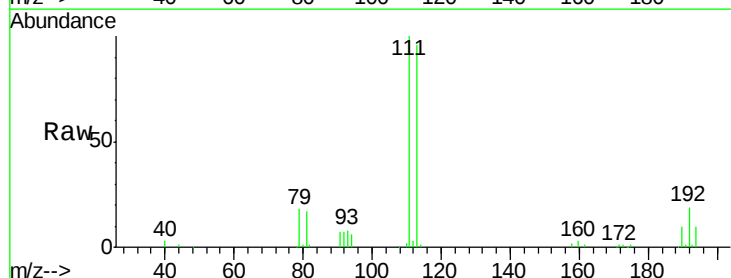
Tgt Ion:113 Resp: 209943

Ion Ratio Lower Upper

113 100

111 103.6 81.0 121.4

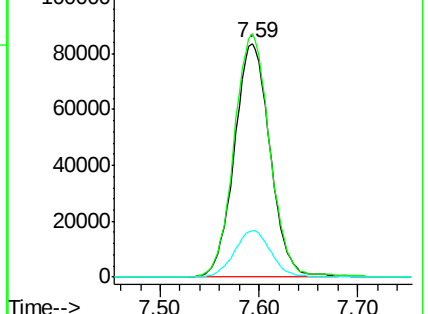
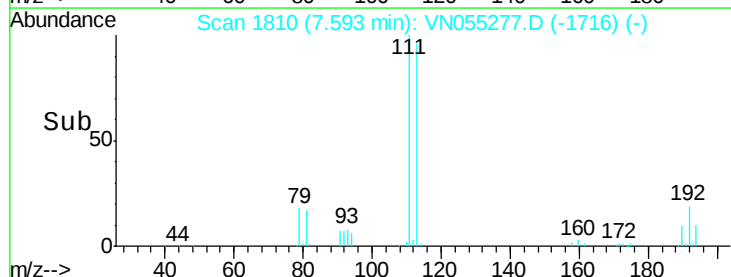
192 20.3 16.2 24.4

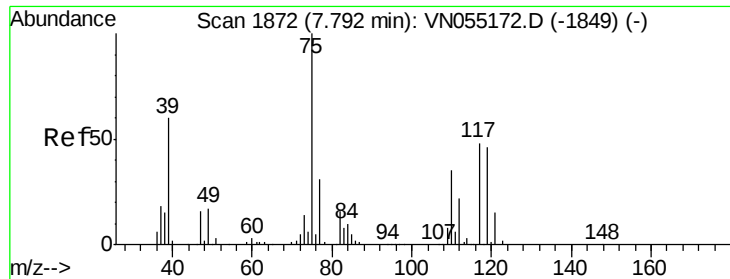


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

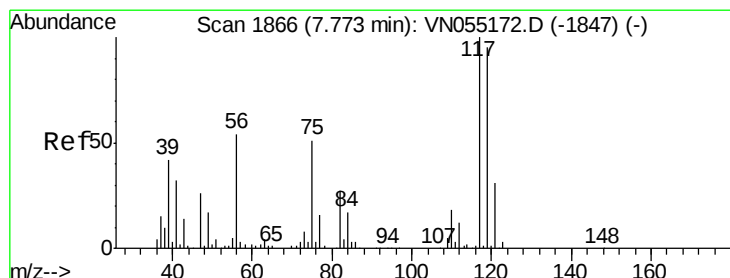
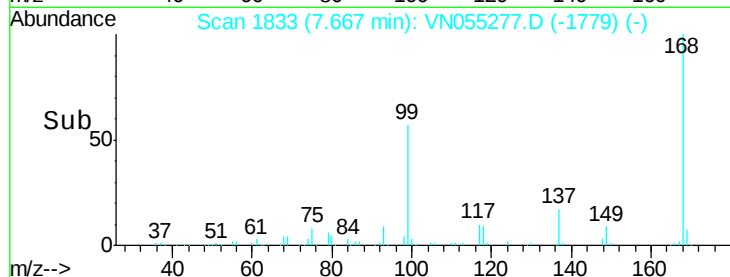
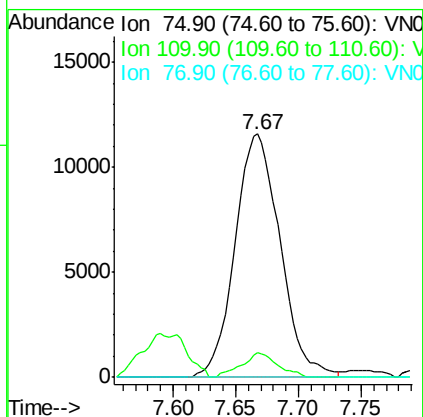
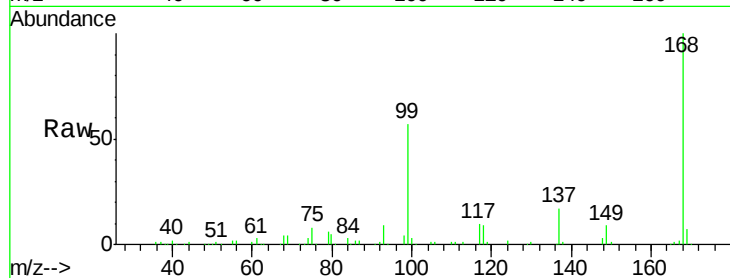




#36
 1,1-Dichloropropene
 Concen: 4.877 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055277.D
 Acq: 26 Apr 2019 15:42

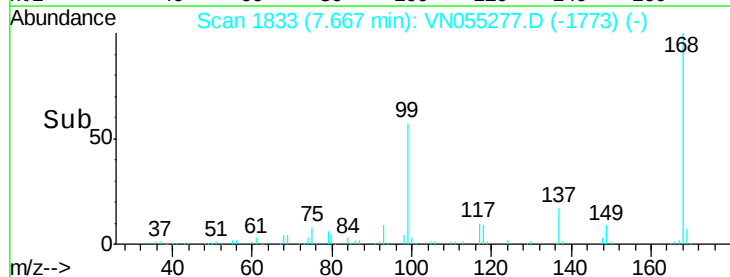
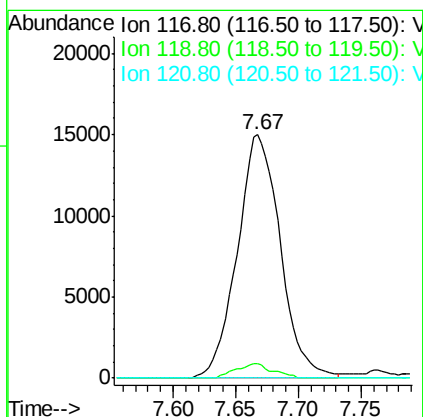
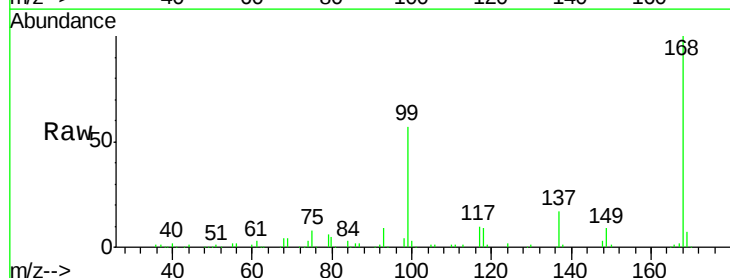
Instrument :
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 PB119226TB

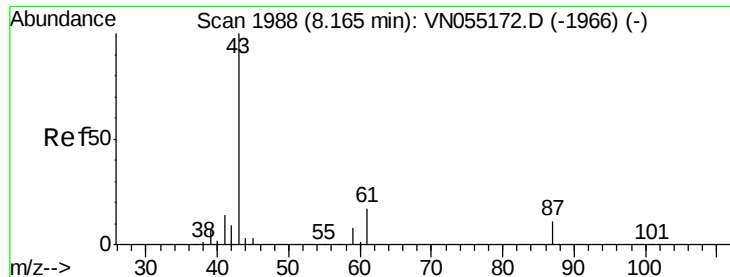
Tot Ion	75	Resp	28977
Ion Ratio	Lower	Upper	
75	100		
110	8.0	17.1	51.2#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.421 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055277.D
 Acq: 26 Apr 2019 15:42

Tgt Ion	117	Resp	35726
Ion Ratio	Lower	Upper	
117	100		
119	6.1	76.0	114.0#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 2.616 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

PB119226TB

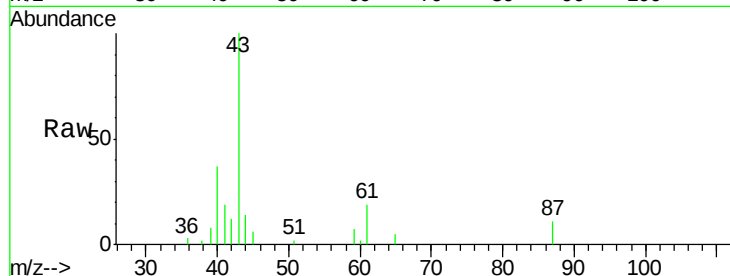
Tot Ion: 43 Resp: 20308

Ion Ratio Lower Upper

43 100

61 18.8 20.6 30.8#

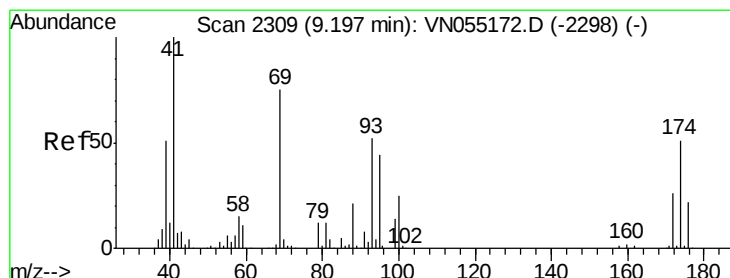
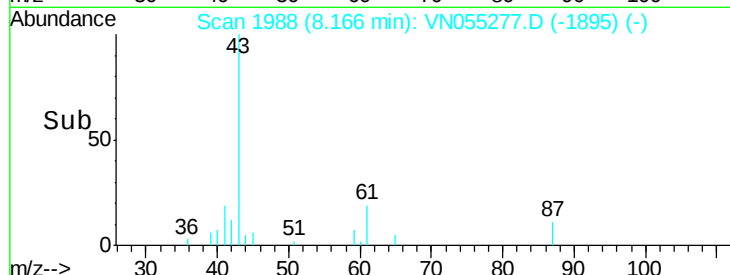
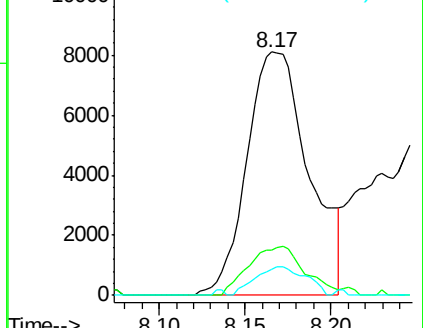
87 9.6 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 2.741 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.01 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

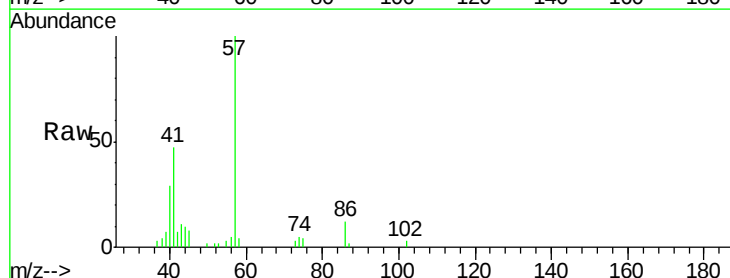
Tgt Ion: 41 Resp: 10323

Ion Ratio Lower Upper

41 100

69 0.0 63.6 95.4#

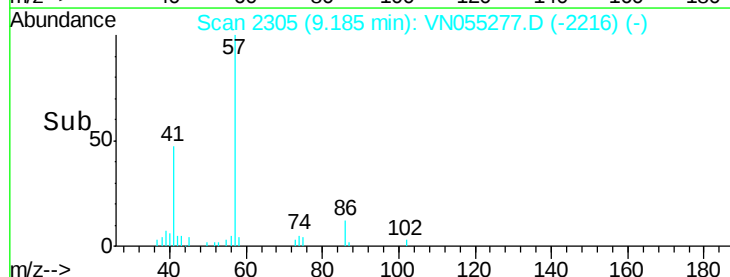
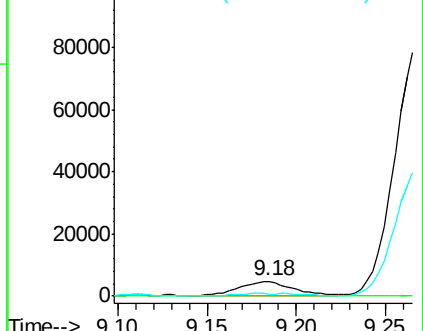
39 0.0 43.8 65.8#

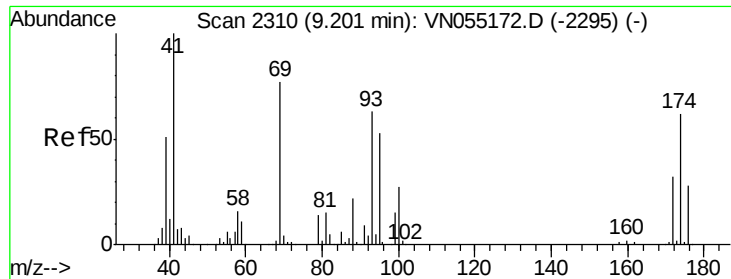


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 2.161 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.07 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

PB119226TB

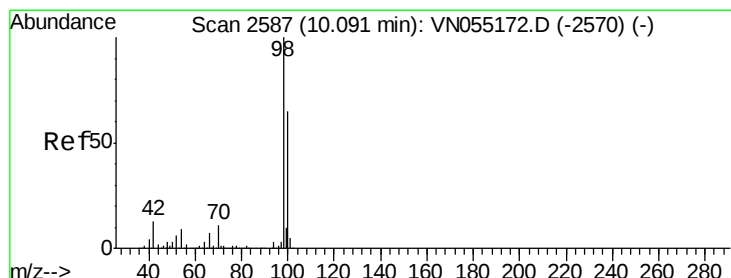
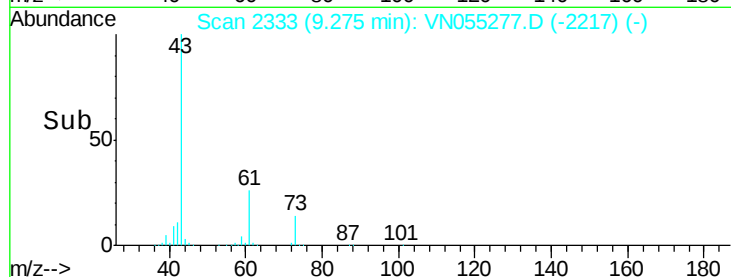
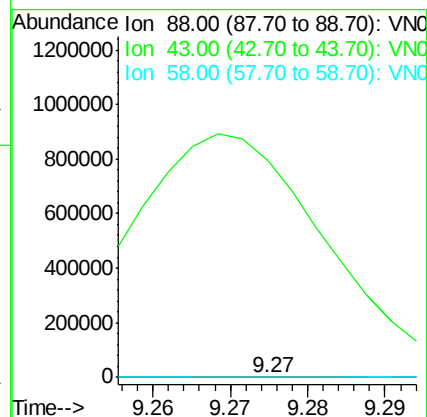
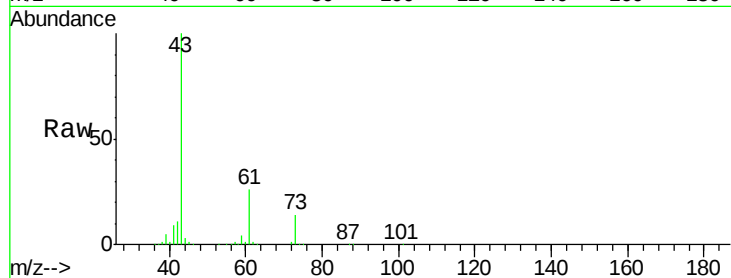
Tot Ion: 88 Resp: 94

Ion Ratio Lower Upper

88 100

43 1801581.9 32.0 48.0#

58 7777.7 60.4 90.6#



#50

Toluene-d8

Concen: 49.129 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055277.D

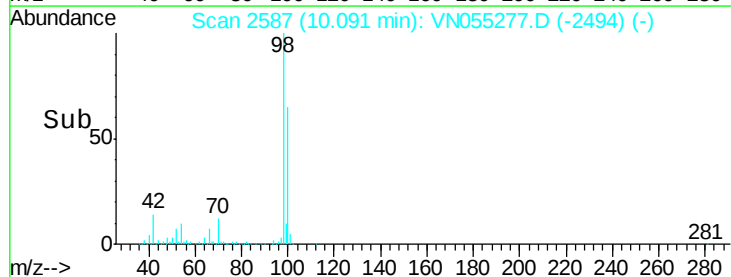
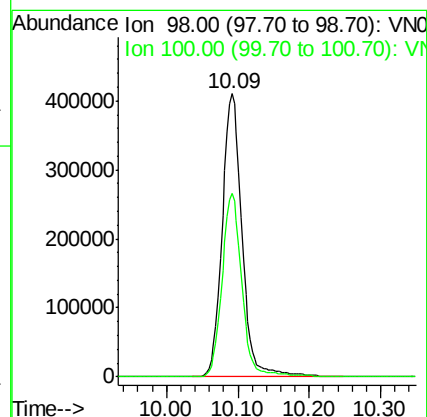
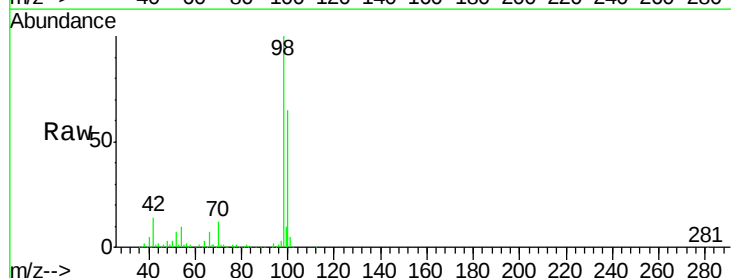
Acq: 26 Apr 2019 15:42

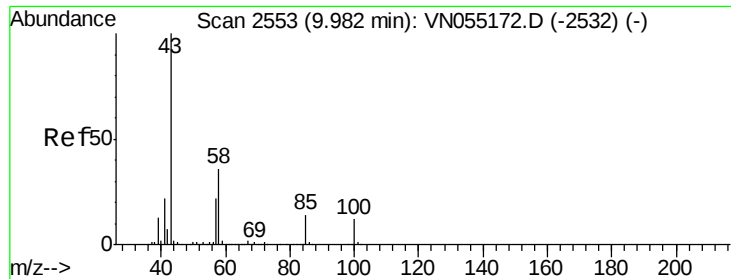
Tgt Ion: 98 Resp: 791588

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 1.412 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

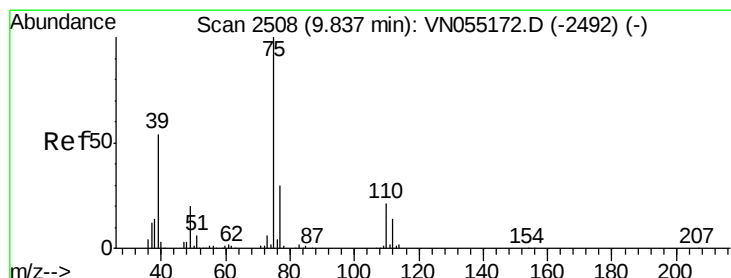
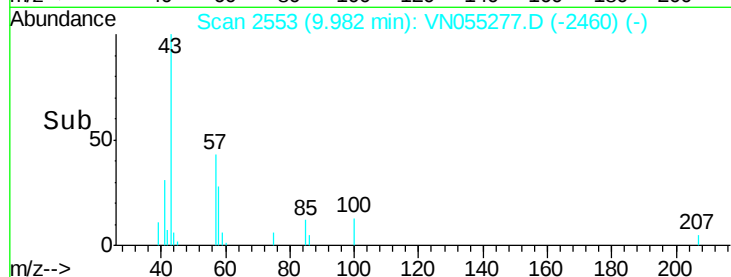
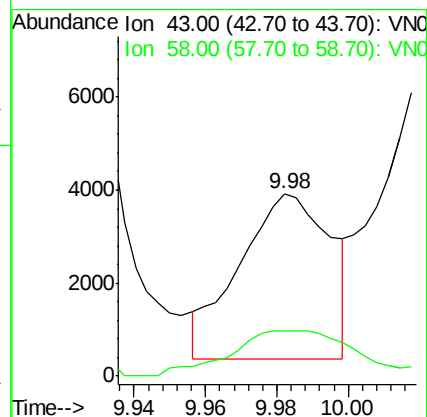
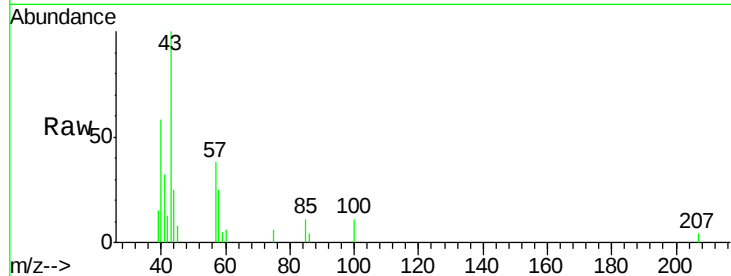
PB119226TB

Tot Ion: 43 Resp: 6307

Ion Ratio Lower Upper

43 100

58 37.6 28.3 42.5



#54

cis-1,3-Dichloropropene

Concen: 9.964 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

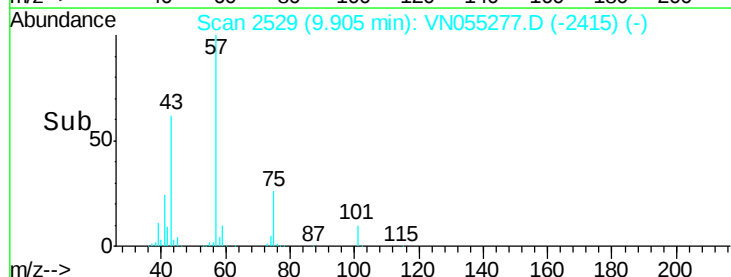
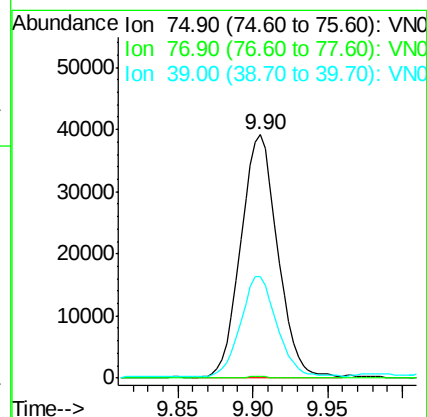
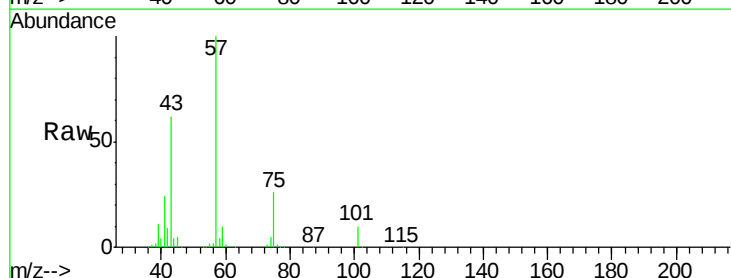
Tgt Ion: 75 Resp: 67324

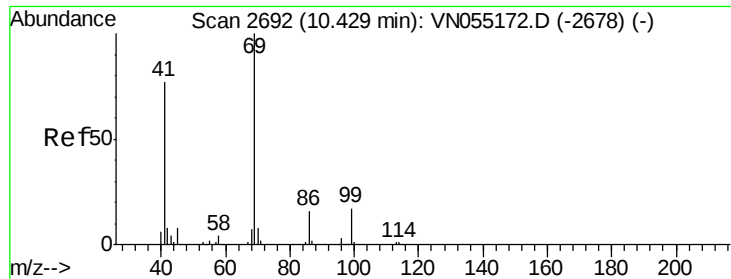
Ion Ratio Lower Upper

75 100

77 0.5 24.3 36.5#

39 41.2 43.0 64.4#





#56

Ethyl methacrylate

Concen: 0.245 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

PB119226TB

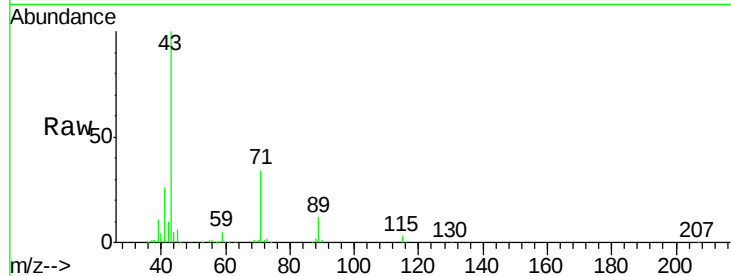
Tot Ion: 69 Resp: 1209

Ion Ratio Lower Upper

69 100

41 5547.1 60.6 90.8#

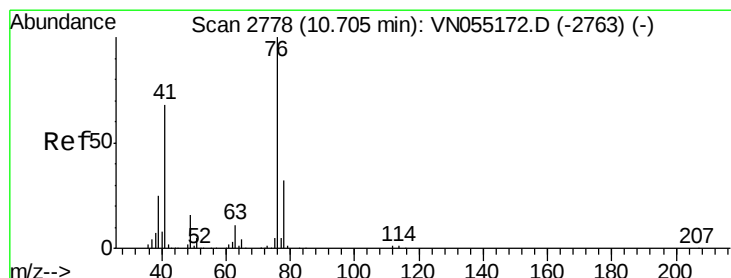
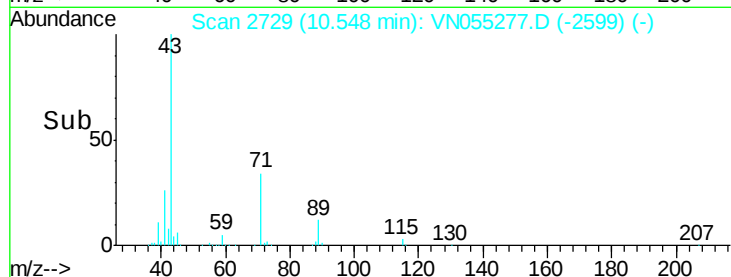
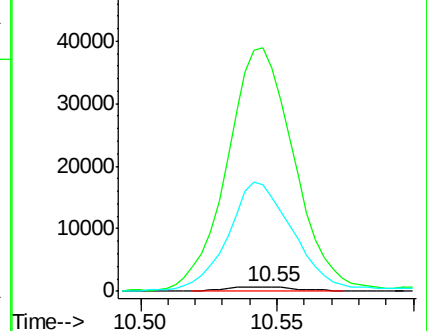
39 2443.7 31.7 47.5#



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



#57

1,3-Dichloropropane

Concen: 1.760 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055277.D

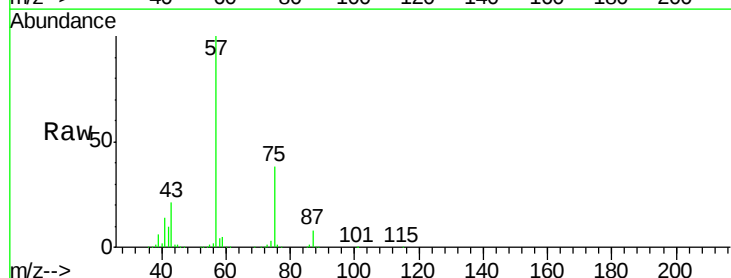
Acq: 26 Apr 2019 15:42

Tgt Ion: 76 Resp: 12141

Ion Ratio Lower Upper

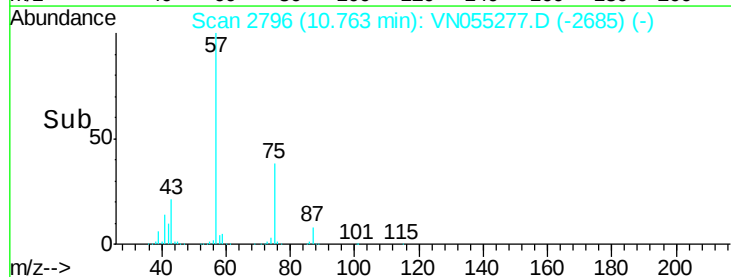
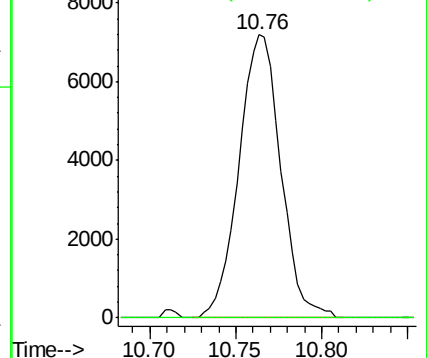
76 100

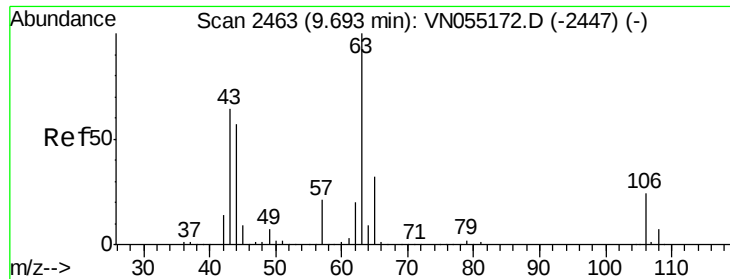
78 0.0 25.3 37.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

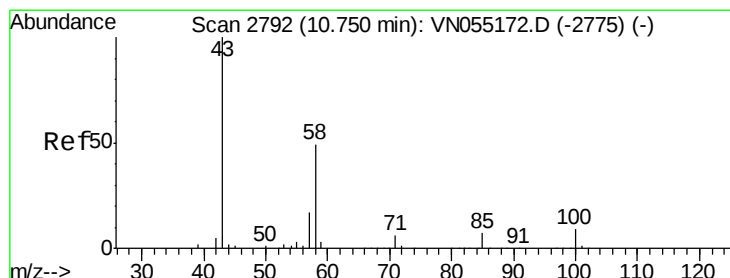
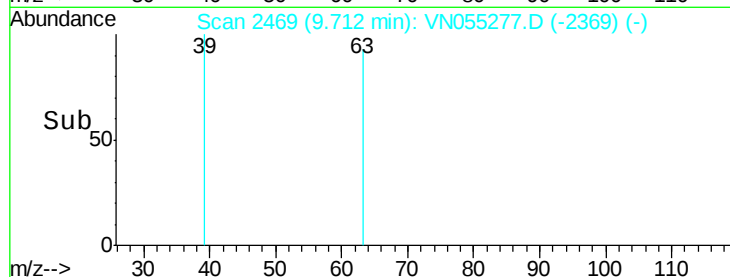
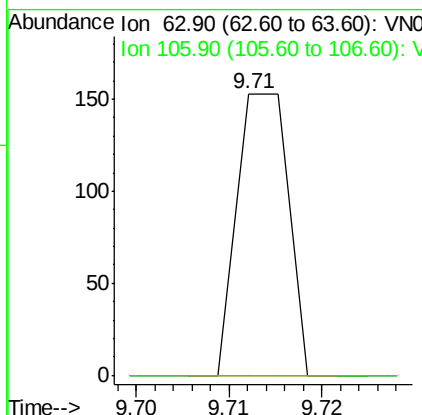
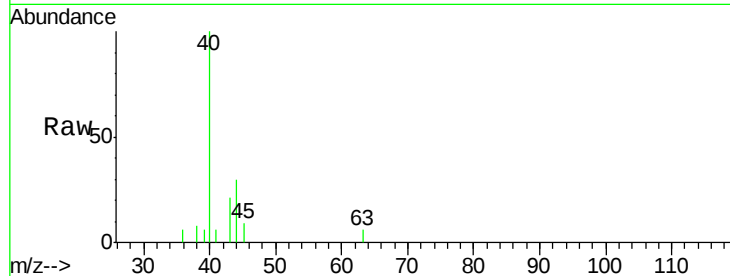




#58
 2-Chloroethyl Vinyl ether
 Concen: 11.311 ug/l
 RT: 9.71 min Scan# 2469
 Delta R.T. 0.02 min
 Lab File: VN055277.D
 Acq: 26 Apr 2019 15:42

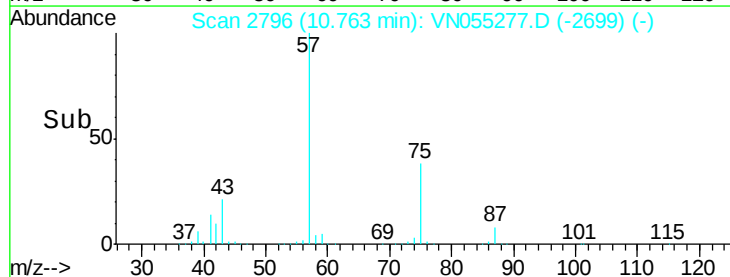
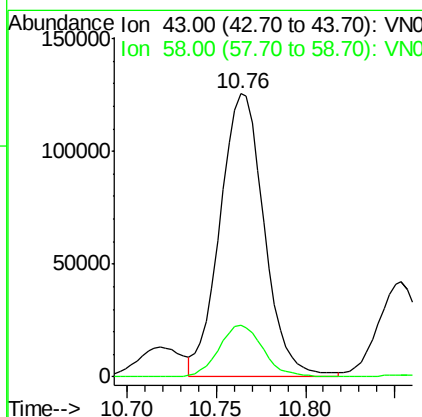
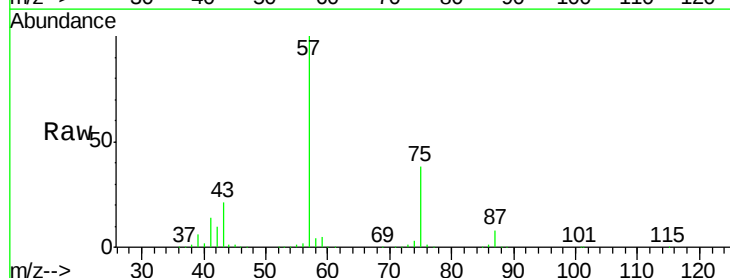
Instrument :
 MSVOA_N
 ClientSampleId :
 PB119226TB

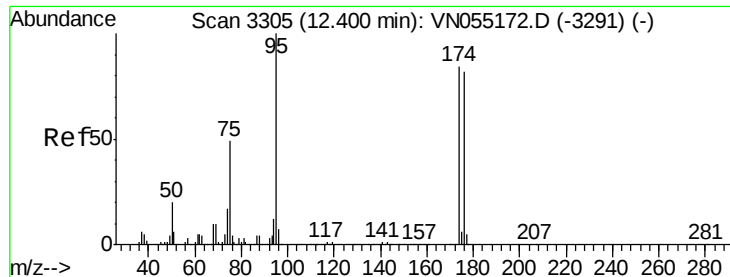
Tot Ion: 63 Resp: 59
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.4 29.0#



#59
 2-Hexanone
 Concen: 76.269 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055277.D
 Acq: 26 Apr 2019 15:42

Tgt Ion: 43 Resp: 215241
 Ion Ratio Lower Upper
 43 100
 58 18.3 24.5 73.5#





#62

4-Bromofluorobenzene

Concen: 45.766 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

PB119226TB

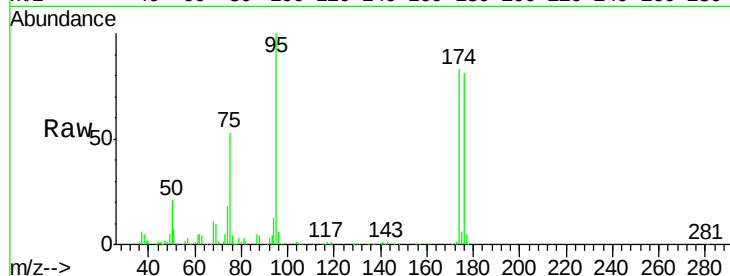
Tot Ion: 95 Resp: 233513

Ion Ratio Lower Upper

95 100

174 84.4 0.0 168.4

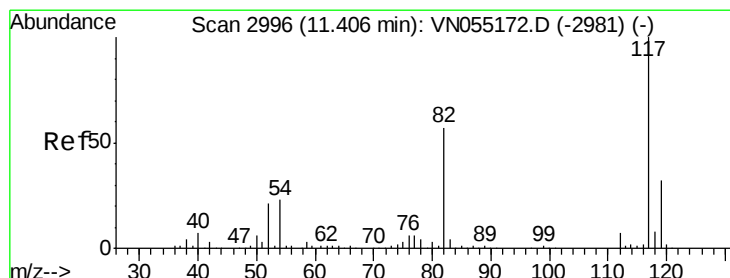
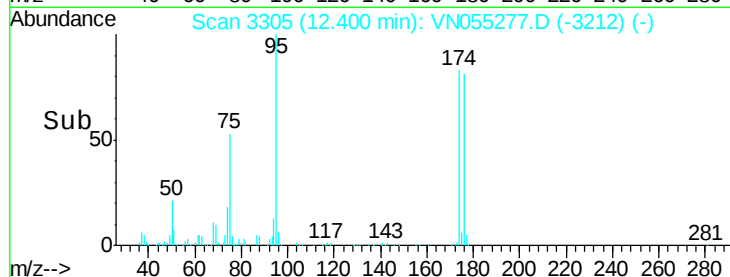
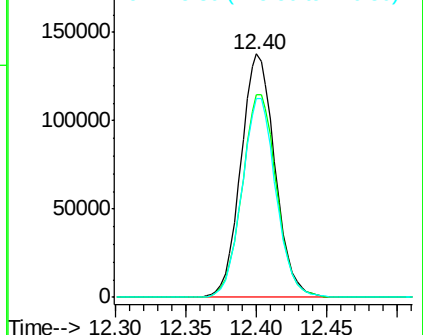
176 81.5 0.0 164.0



Abundance Ion 94.90 (94.60 to 95.60): VN055277.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055277.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055277.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

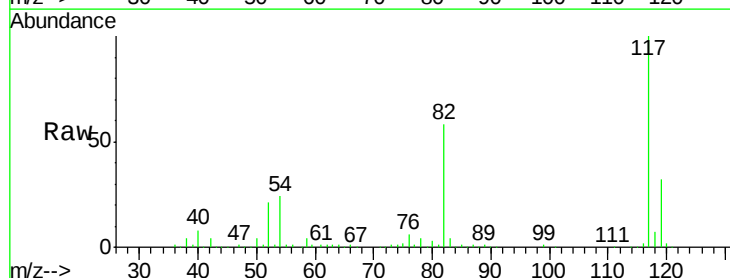
Tgt Ion: 117 Resp: 576660

Ion Ratio Lower Upper

117 100

82 57.8 45.7 68.5

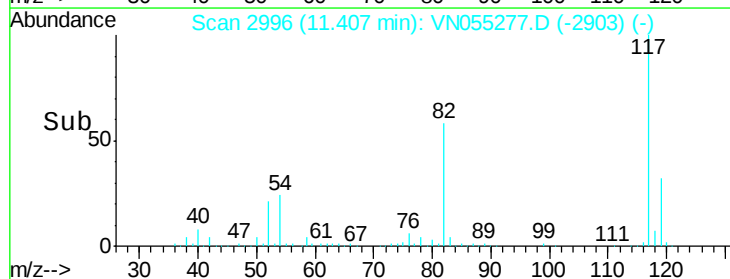
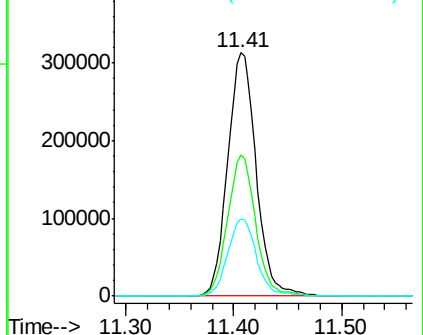
119 31.5 25.4 38.2

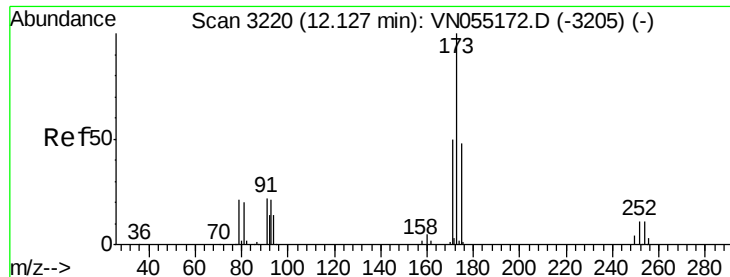


Abundance Ion 116.90 (116.60 to 117.60): VN055277.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055277.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055277.D (-2903) (-)





#71

Bromoform

Concen: 0.807 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

PB119226TB

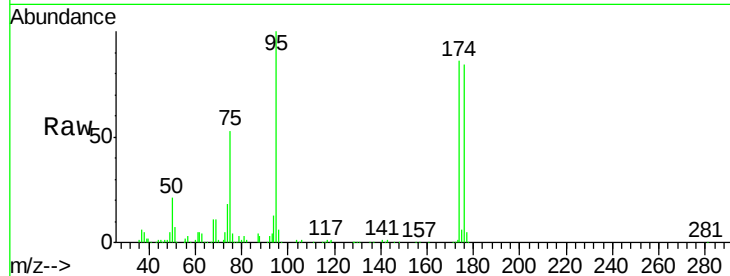
Tot Ion:173 Resp: 2100

Ion Ratio Lower Upper

173 100

175 614.7 23.8 71.2#

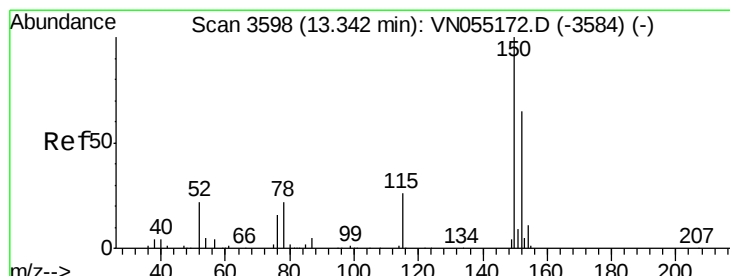
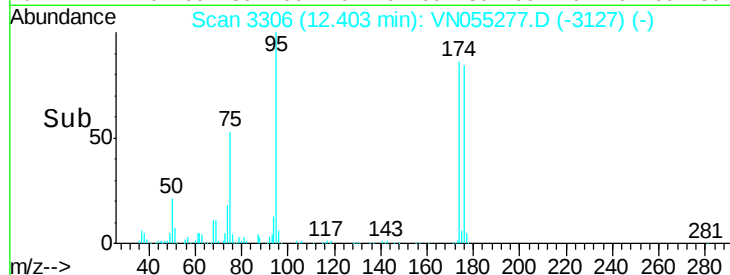
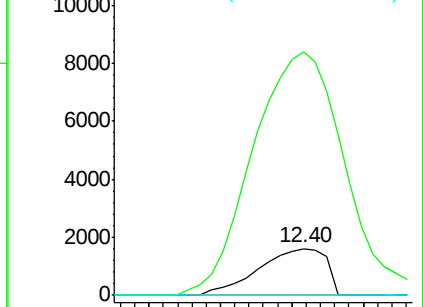
254 0.0 0.1 0.1#



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: VN055277.D

Acq: 26 Apr 2019 15:42

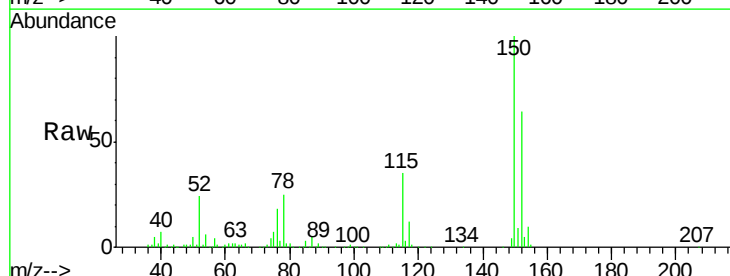
Tgt Ion:152 Resp: 159895

Ion Ratio Lower Upper

152 100

115 56.7 28.9 86.7

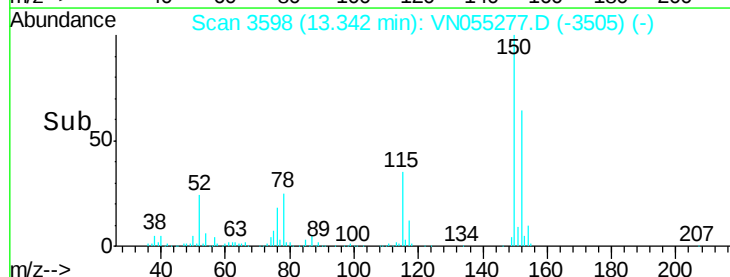
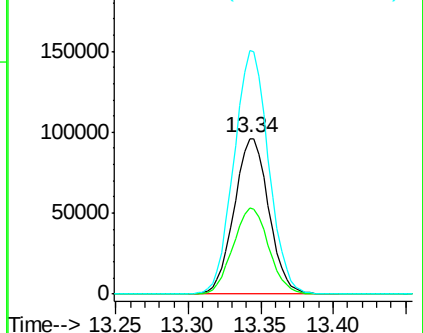
150 156.9 0.0 346.6

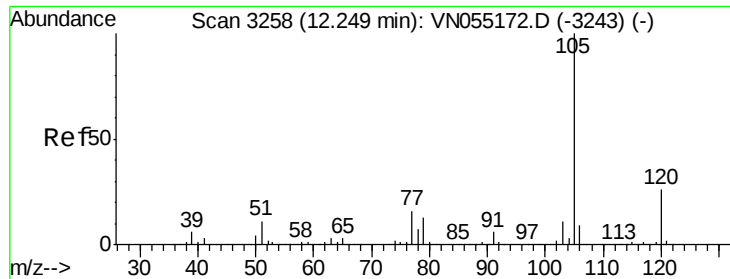


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

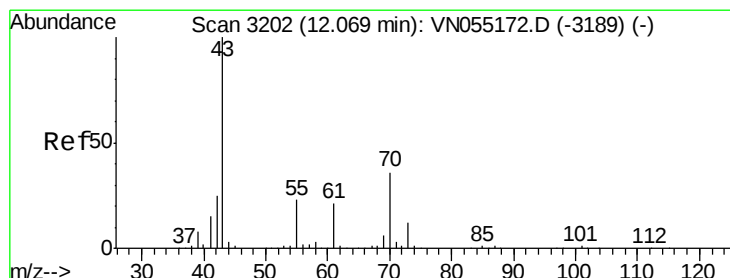
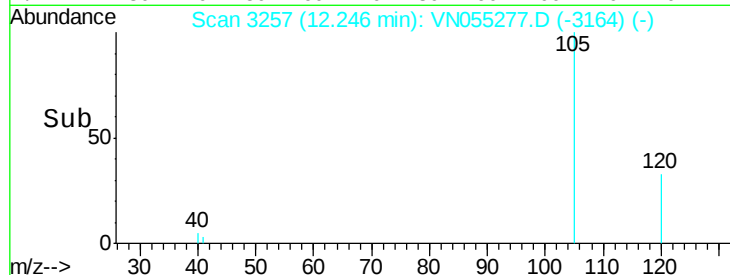
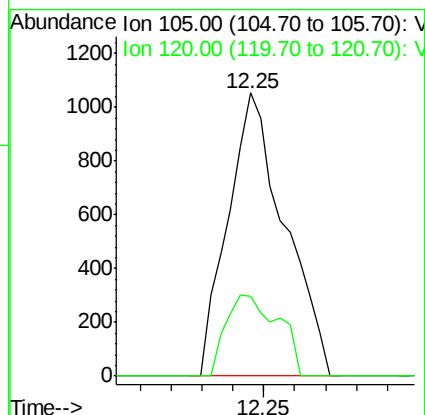
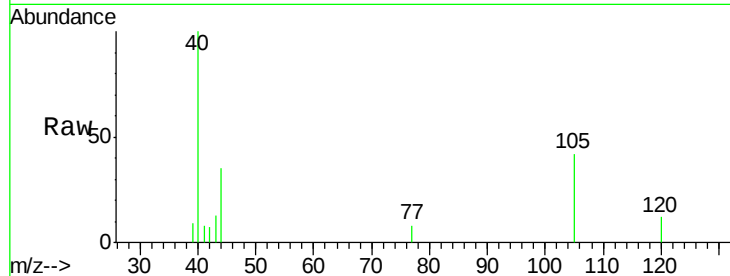
PB119226TB

Tot Ion:105 Resp: 1337

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.1



#74

N-ethyl acetate

Concen: 0.261 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

Tgt Ion: 43 Resp: 1077

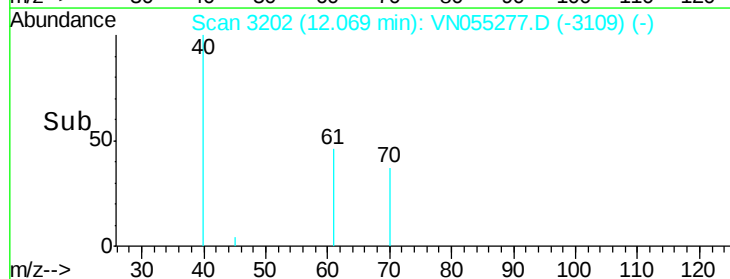
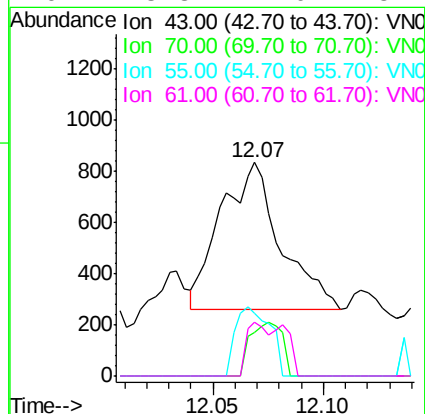
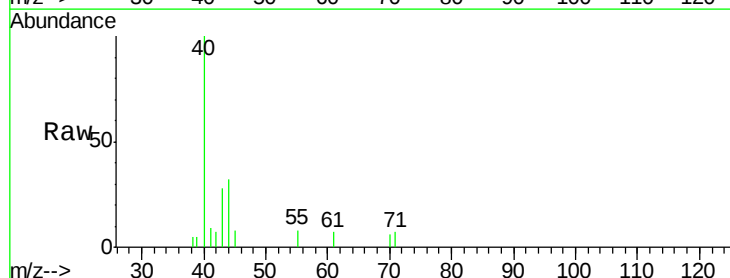
Ion Ratio Lower Upper

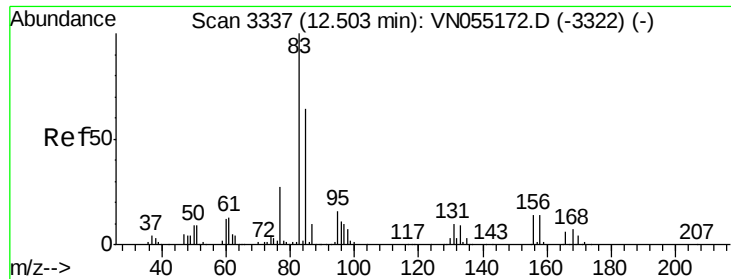
43 100

70 19.5 29.0 43.6#

55 27.3 18.5 27.7

61 13.3 17.0 25.4#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

PB119226TB

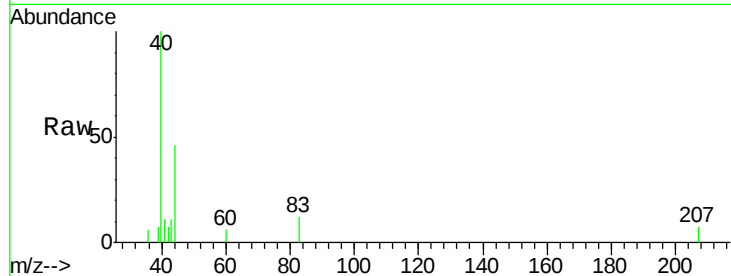
Tot Ion: 83 Resp: 350

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

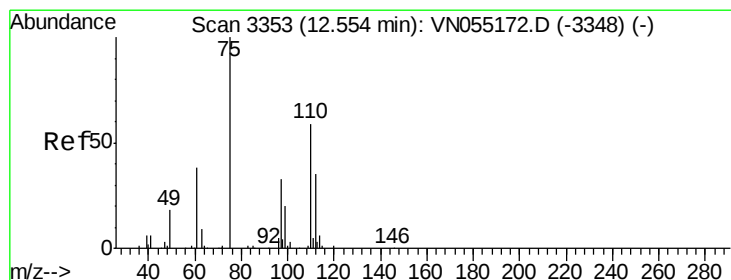
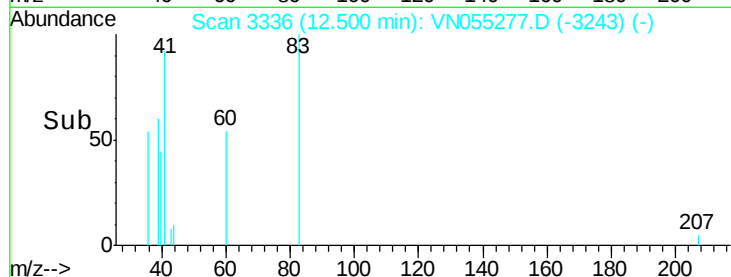
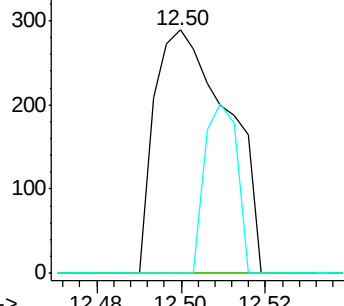
85 30.3 32.1 96.3#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 37.558 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055277.D

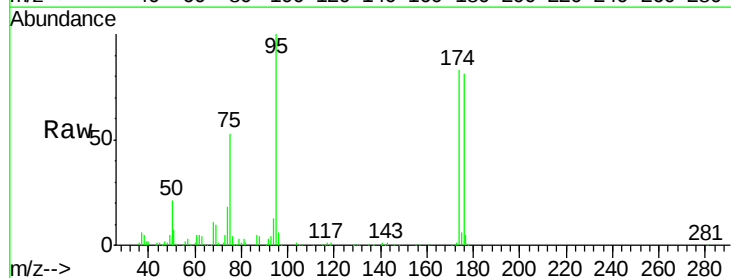
Acq: 26 Apr 2019 15:42

Tgt Ion: 75 Resp: 121833

Ion Ratio Lower Upper

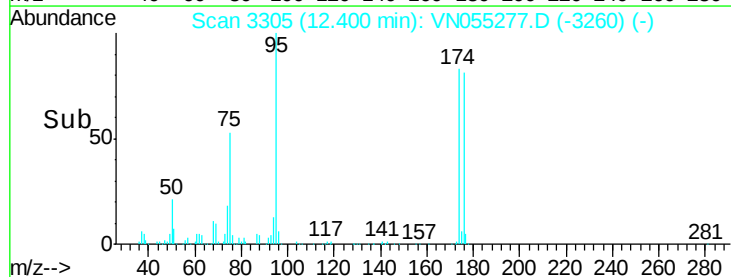
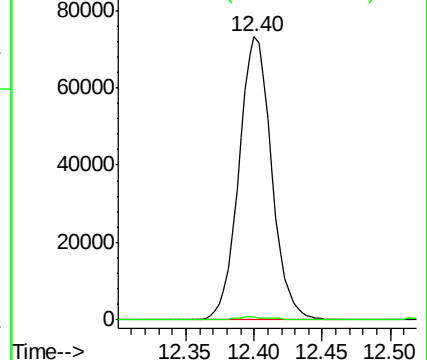
75 100

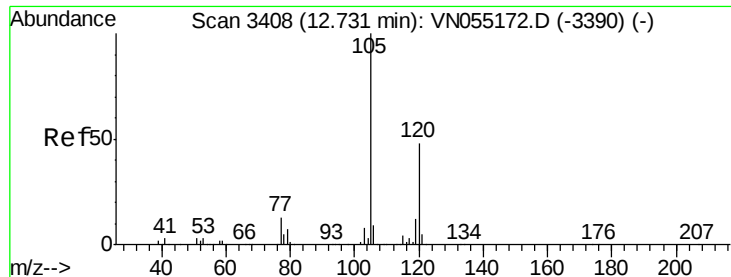
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#80

1,3,5-Trimethylbenzene

Concen: 1.184 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

Instrument :

MSVOA_N

ClientSampleId :

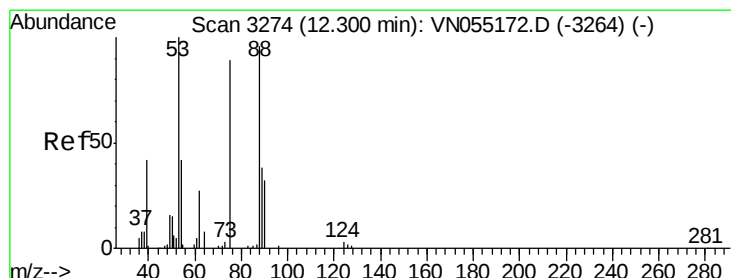
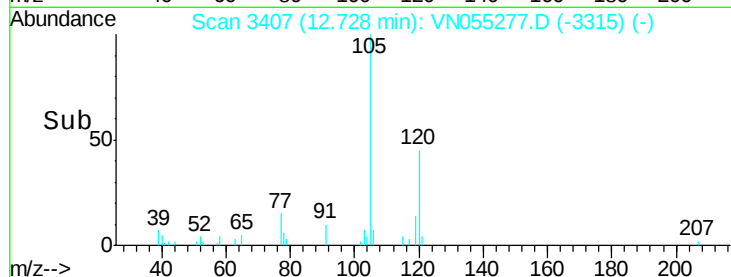
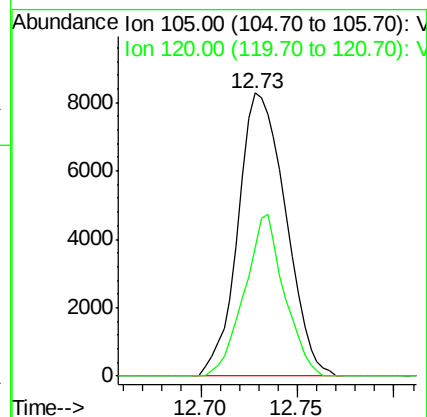
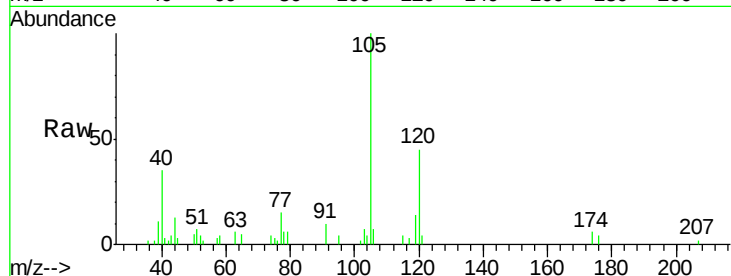
PB119226TB

Tot Ion:105 Resp: 14178

Ion Ratio Lower Upper

105 100

120 47.7 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 142.377 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

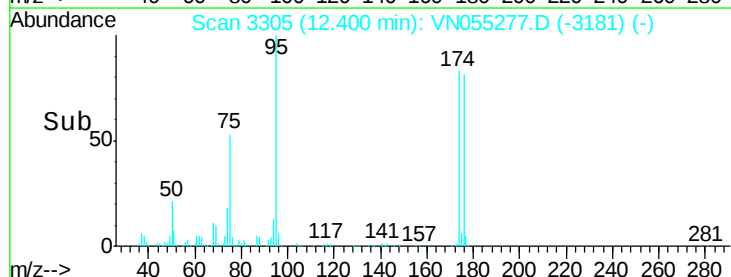
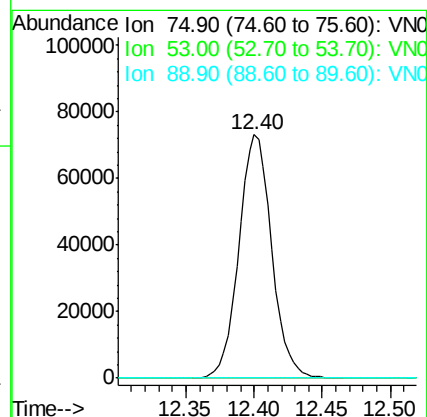
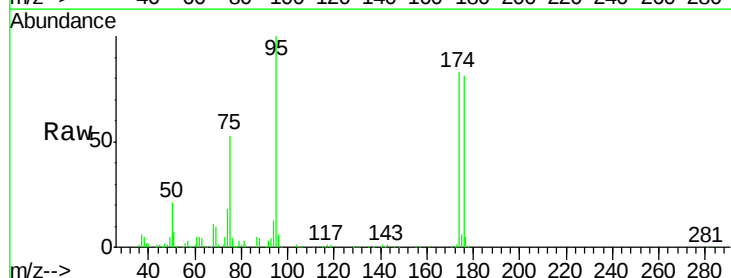
Tgt Ion: 75 Resp: 121833

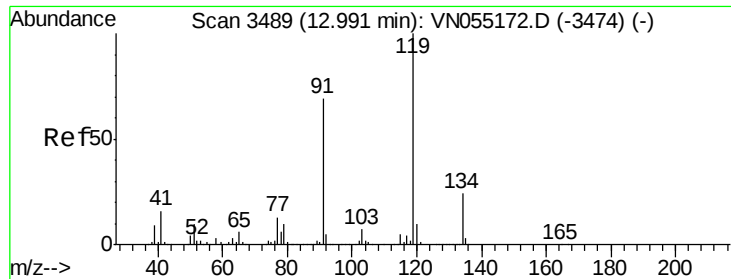
Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 36.7 55.1#

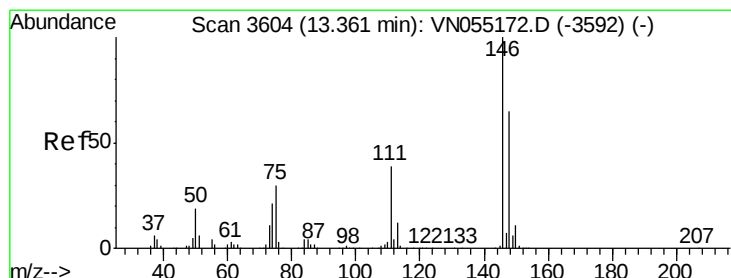
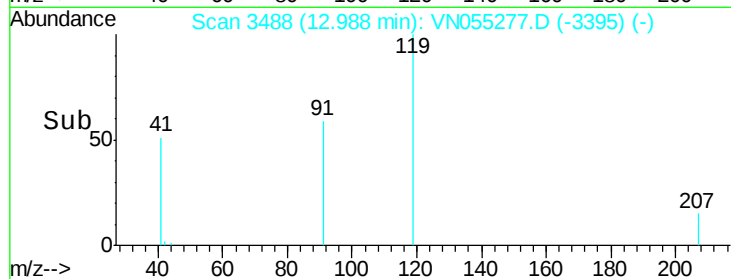
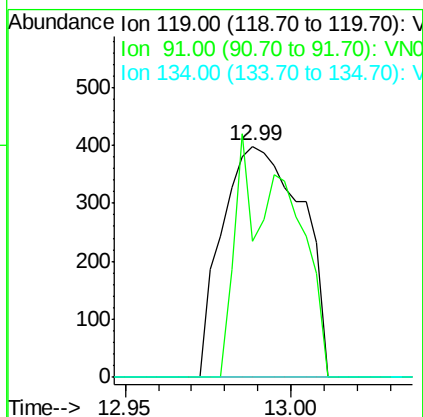
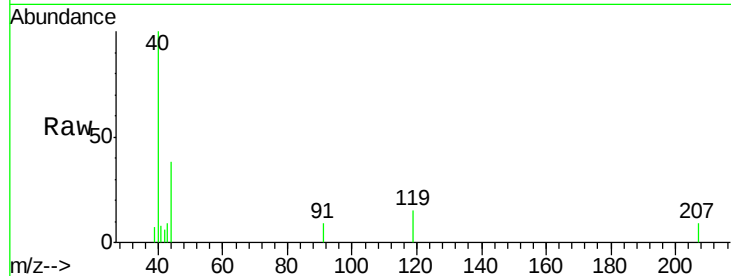




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN055277.D
 Acq: 26 Apr 2019 15:42

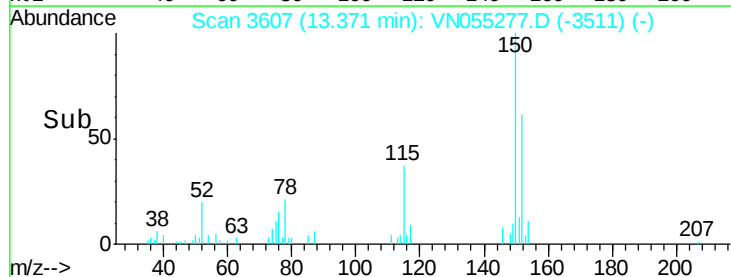
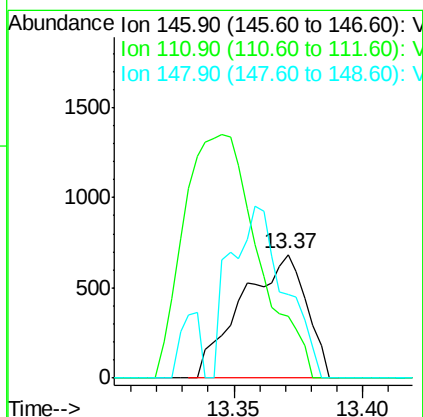
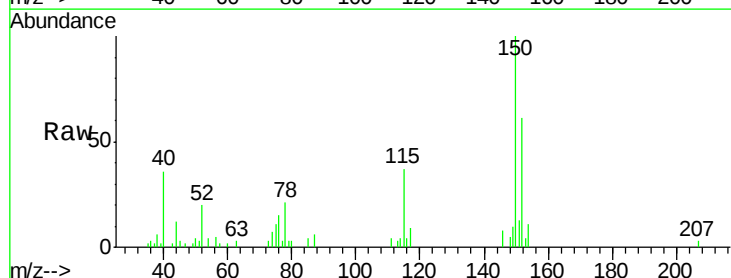
Instrument :
 MSVOA_N
 ClientSampled :
 PB119226TB

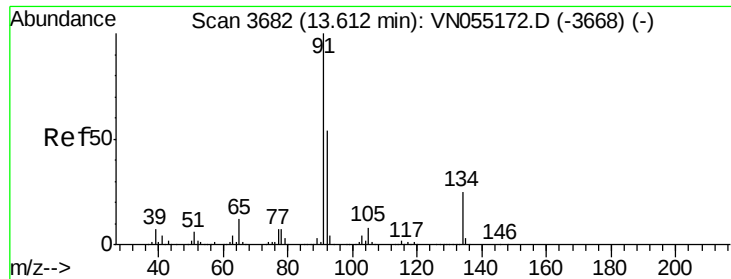
Tot Ion:119 Resp: 666
 Ion Ratio Lower Upper
 119 100
 91 24.3 33.8 101.3#
 134 0.0 13.2 39.5#



#88
 1,4-Dichlorobenzene
 Concen: 0.228 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.01 min
 Lab File: VN055277.D
 Acq: 26 Apr 2019 15:42

Tgt Ion:146 Resp: 1201
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.4 58.2#
 148 116.1 32.9 98.6#





#89

n-Butylbenzene

Concen: 0.290 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

PB119226TB

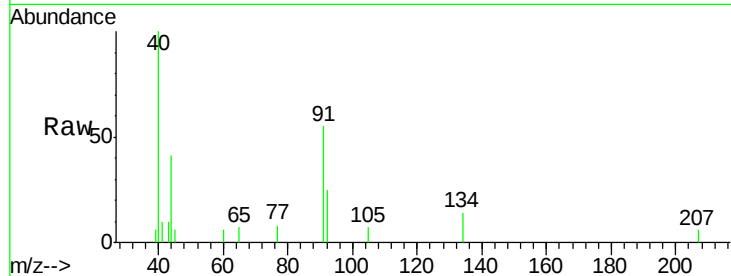
Tot Ion: 91 Resp: 2401

Ion Ratio Lower Upper

91 100

92 46.6 26.4 79.2

134 24.9 12.8 38.4

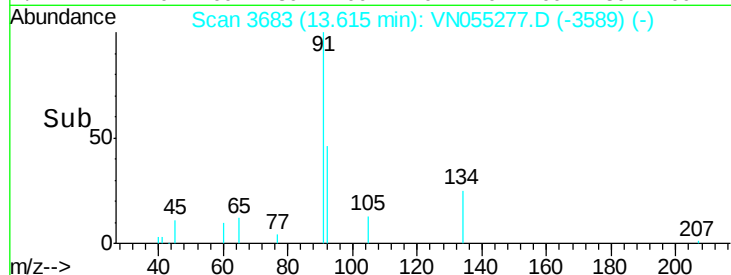


Abundance Ion 91.00 (90.70 to 91.70): VN055277.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN055277.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN055277.D (-3589) (-)

Time-->

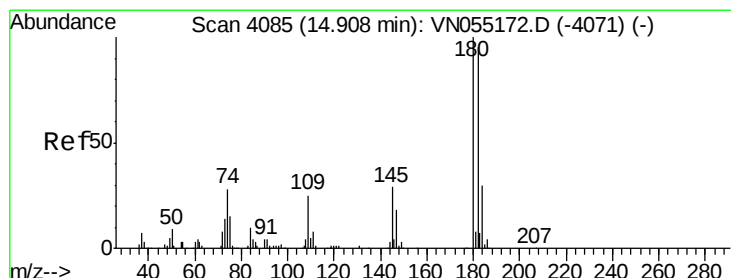


Abundance Ion 91.00 (90.70 to 91.70): VN055277.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN055277.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN055277.D (-3589) (-)

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 2.906 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

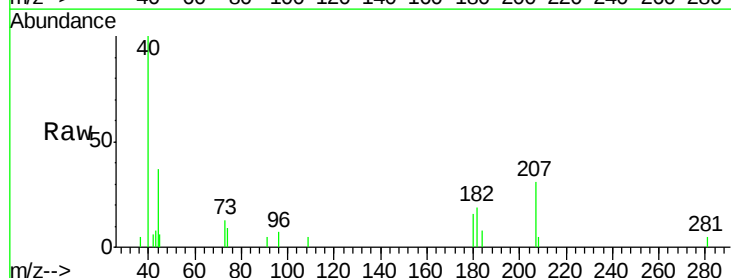
Tgt Ion: 180 Resp: 419

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.4#

145 0.0 14.5 43.5#

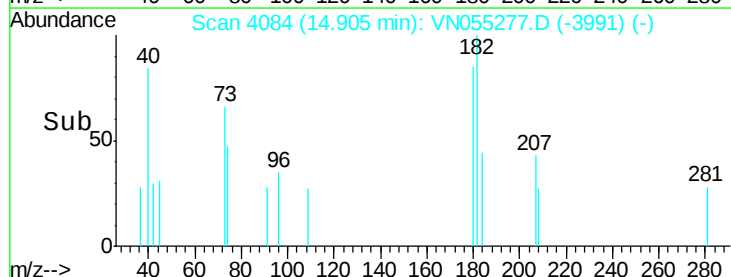


Abundance Ion 179.80 (179.50 to 180.50): VN055277.D (-3991) (-)

Ion 181.80 (181.50 to 182.50): VN055277.D (-3991) (-)

Ion 144.80 (144.50 to 145.50): VN055277.D (-3991) (-)

Time-->

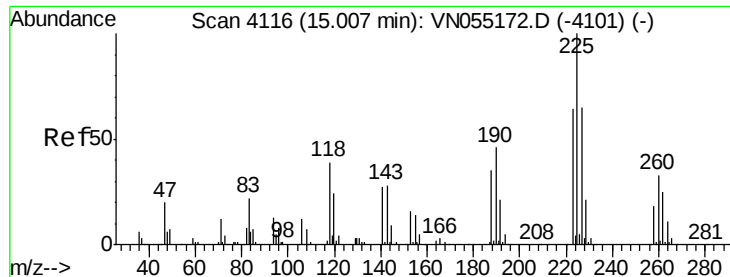


Abundance Ion 179.80 (179.50 to 180.50): VN055277.D (-3991) (-)

Ion 181.80 (181.50 to 182.50): VN055277.D (-3991) (-)

Ion 144.80 (144.50 to 145.50): VN055277.D (-3991) (-)

Time-->



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

Instrument :

MSVOA_N

ClientSampled :

PB119226TB

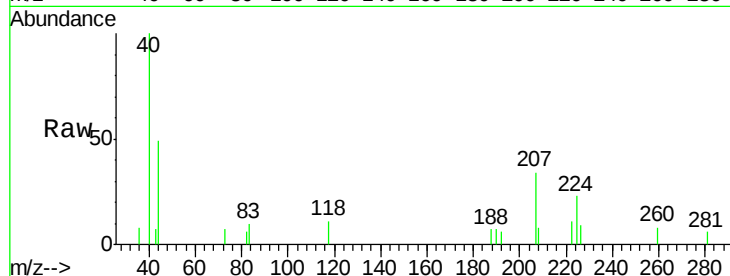
Tot Ion:225 Resp: 876

Ion Ratio Lower Upper

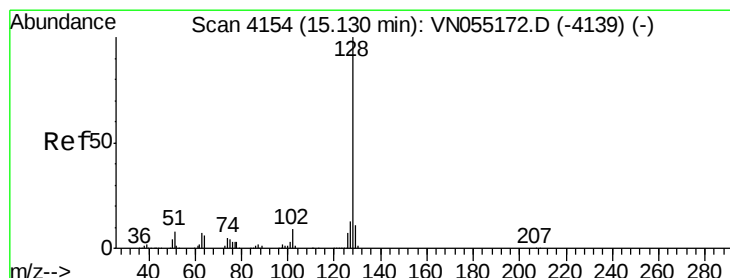
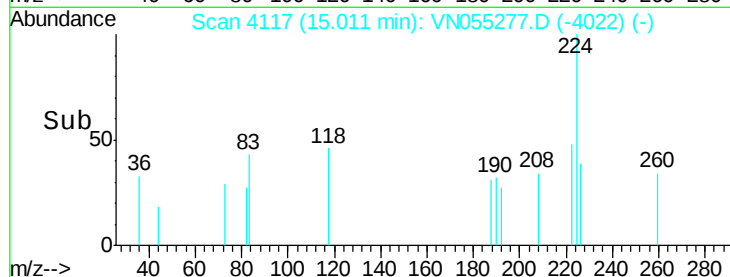
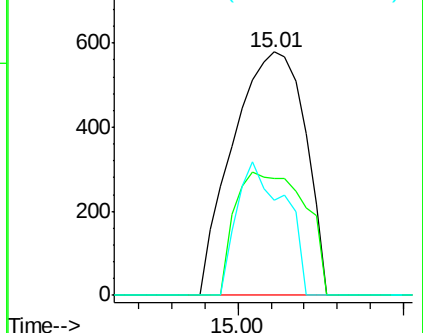
225 100

223 49.1 32.2 96.6

227 36.4 32.6 98.0



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 3.983 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055277.D

Acq: 26 Apr 2019 15:42

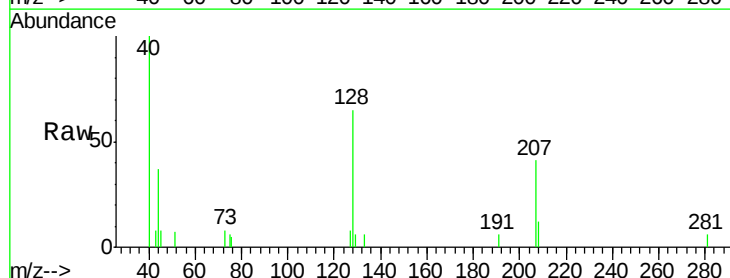
Tgt Ion:128 Resp: 3266

Ion Ratio Lower Upper

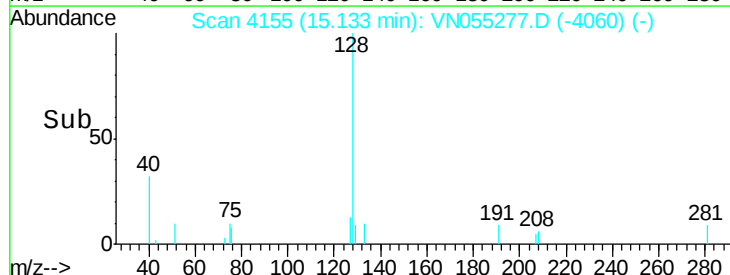
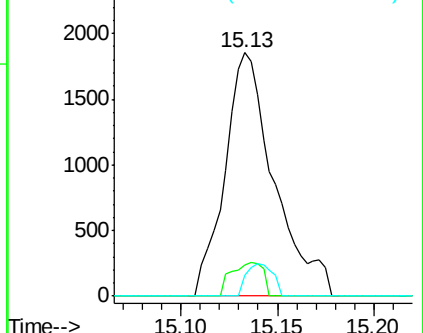
128 100

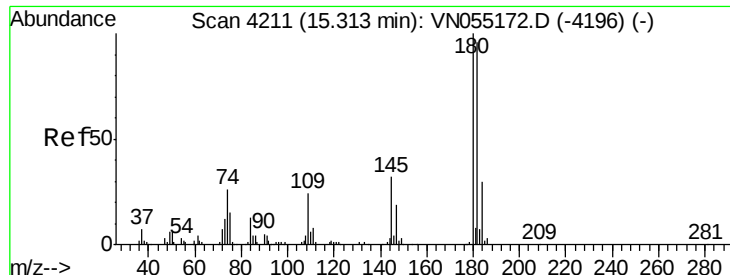
127 8.9 10.3 15.5#

129 7.2 8.8 13.2#



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

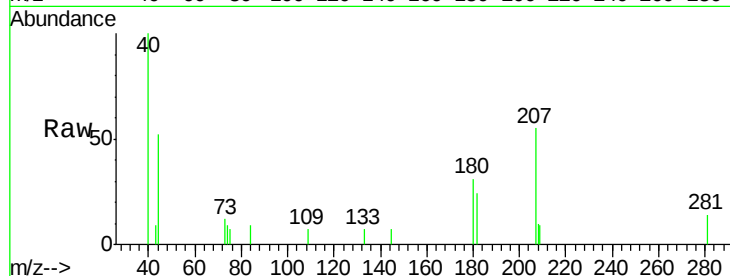




#96
 1,2,3-Trichlorobenzene
 Concen: 2.707 ug/l
 RT: 15.32 min Scan# 4214
 Delta R.T. 0.01 min
 Lab File: VN055277.D
 Acq: 26 Apr 2019 15:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB119226TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.3	47.2	141.6
145	11.2	15.4	46.1



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

