

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030519\
 Data File : VN054104.D
 Acq On : 5 Mar 2019 17:28
 Operator : JC/SP
 Sample : K1727-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-1

Quant Time: Mar 06 02:23:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	668365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1141345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1096282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	462923	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	391632	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	7.59	113	371626	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	10.09	98	1436685	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.40	95	502225	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	

Target Compounds

						Qvalue
4) Vinyl Chloride	2.19	62	89334	10.450	ug/l	96
11) Tert butyl alcohol	4.79	59	488	0.983	ug/l #	73
16) Acetone	3.82	43	17270	Below Cal		96
17) Carbon Disulfide	4.06	76	7449	0.350	ug/l	98
18) Methyl Acetate	4.33	43	1139	0.208	ug/l #	61
20) Methylene Chloride	4.55	84	1861	0.240	ug/l #	92
21) trans-1,2-Dichloroethene	5.04	96	20402	2.857	ug/l	98
25) 2-Butanone	6.84	43	4033	1.311	ug/l #	1
27) cis-1,2-Dichloroethene	6.83	96	2325074	292.769	ug/l	96
31) Cyclohexane	7.66	56	26652	1.732	ug/l #	39
36) 1,1-Dichloropropene	7.66	75	43528	4.101	ug/l #	48
38) Carbon Tetrachloride	7.67	117	55991	5.072	ug/l #	16
39) Methylcyclohexane	9.08	83	22145	1.731	ug/l	98
40) Benzene	8.04	78	50568	1.551	ug/l	97
44) Trichloroethene	8.83	130	4367	0.505	ug/l	93
48) Methyl methacrylate	9.15	41	1946	0.331	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	4276	0.650	ug/l	90
52) Toluene	10.16	92	1003334	52.257	ug/l	98
53) t-1,3-Dichloropropene	10.16	75	11059	1.056	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	7013	0.978	ug/l #	18
56) Ethyl methacrylate	10.43	69	1098	2.067	ug/l #	17
58) 2-Chloroethyl Vinyl ether	9.97	63	95	13.640	ug/l #	47
60) Dibromochloromethane	10.63	129	3160	0.397	ug/l #	11
64) Tetrachloroethene	10.63	164	4030	0.434	ug/l #	82
67) Ethyl Benzene	11.51	91	408363	10.528	ug/l	99
68) m/p-Xylenes	11.62	106	1053282	71.950	ug/l	95
69) o-Xylene	11.95	106	617667	42.941	ug/l	98
70) Styrene	11.95	104	31241	1.412	ug/l #	1
71) Bromoform	12.40	173	3411	0.588	ug/l #	1
73) Isopropylbenzene	12.25	105	46758	1.298	ug/l	95
74) N-amyl acetate	12.04	43	4972	0.526	ug/l #	46
76) 1,2,3-Trichloropropane	12.65	75	8527	1.148	ug/l #	100
78) n-propylbenzene	12.59	91	143145	3.493	ug/l	98
79) 2-Chlorotoluene	12.65	91	197343	8.016	ug/l #	46

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 Response via : Initial Calibration

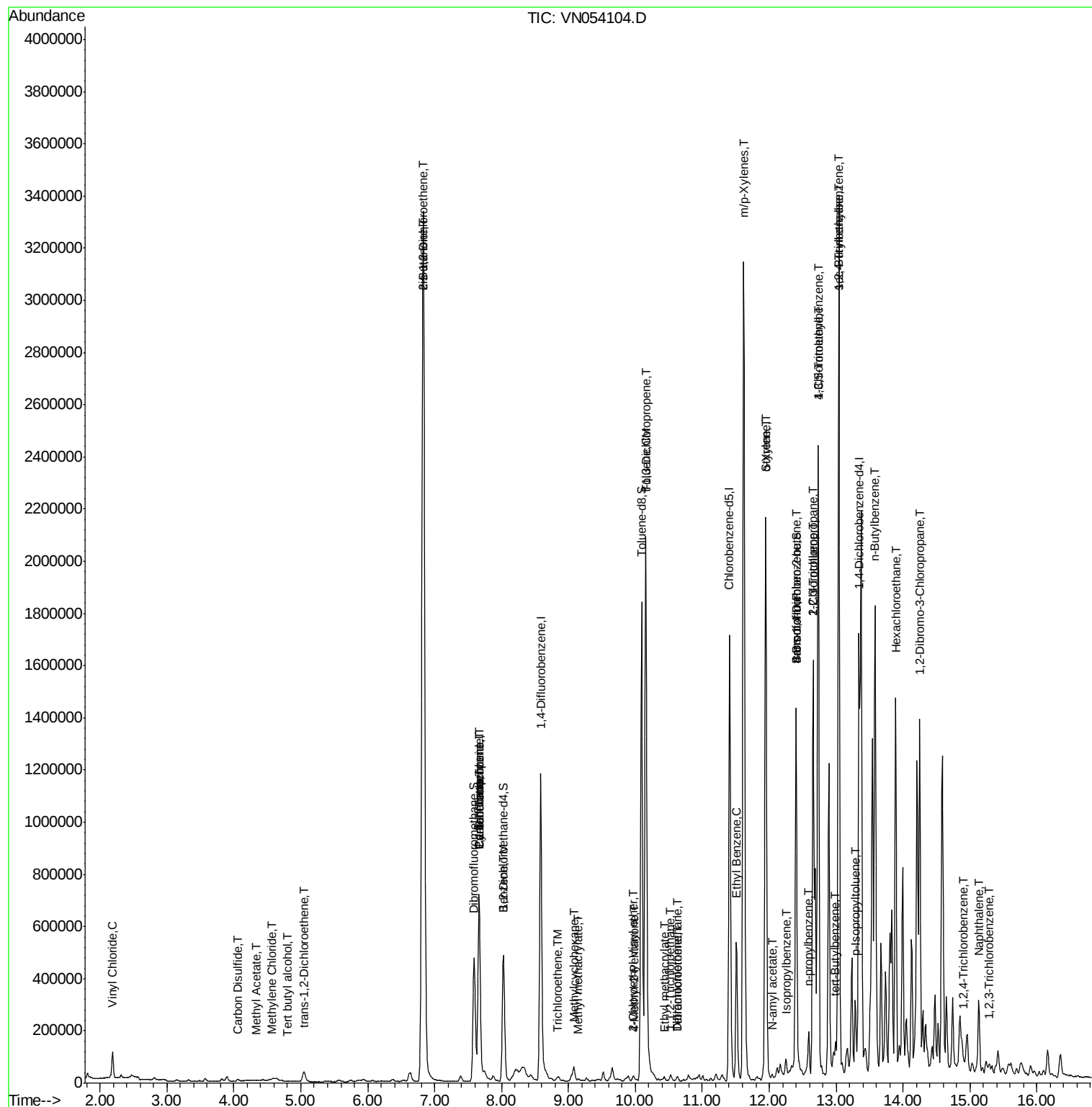
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.73	105	1168822	39.620	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	245611	104.535	ug/l #	15
82) 4-Chlorotoluene	12.73	91	121796	5.006	ug/l #	39
83) tert-Butylbenzene	12.99	119	55998	2.146	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	1911695	64.909	ug/l	99
85) sec-Butylbenzene	13.04	105	1911695	53.644	ug/l #	56
86) p-Isopropyltoluene	13.29	119	121903	4.046	ug/l	99
89) n-Butylbenzene	13.58	91	109298	4.305	ug/l #	1
90) Hexachloroethane	13.89	117	68031	11.653	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	5096	4.002	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	495	2.278	ug/l #	1
95) Naphthalene	15.13	128	243577	15.647	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	250	1.588	ug/l #	1

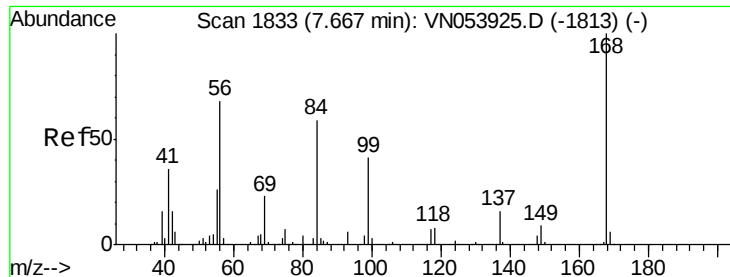
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054104.D

Acq: 5 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

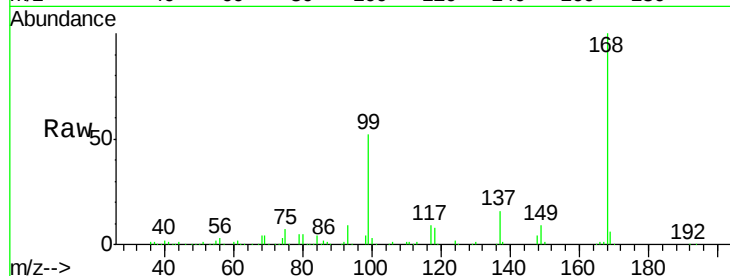
DUP-1

Tot Ion:168 Resp: 668365

Ion Ratio Lower Upper

168 100

99 52.0 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

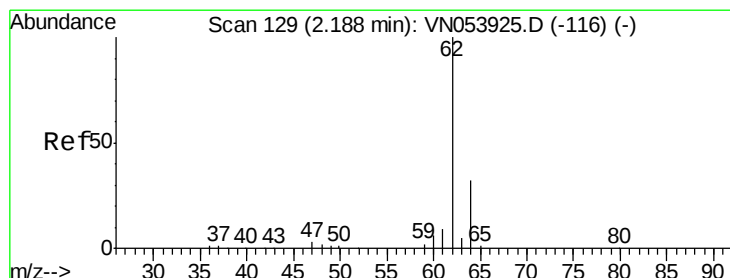
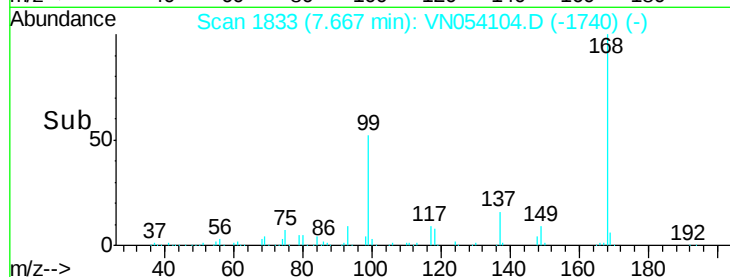
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 10.450 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN054104.D

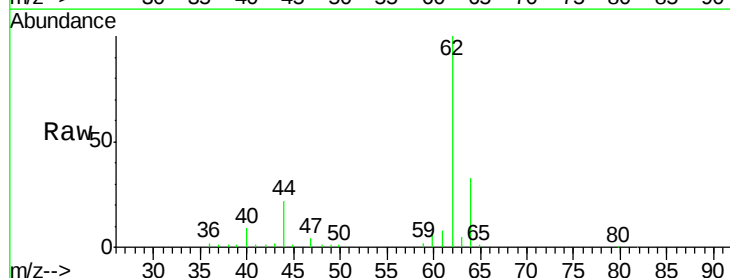
Acq: 5 Mar 2019 17:28

Tgt Ion: 62 Resp: 89334

Ion Ratio Lower Upper

62 100

64 33.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

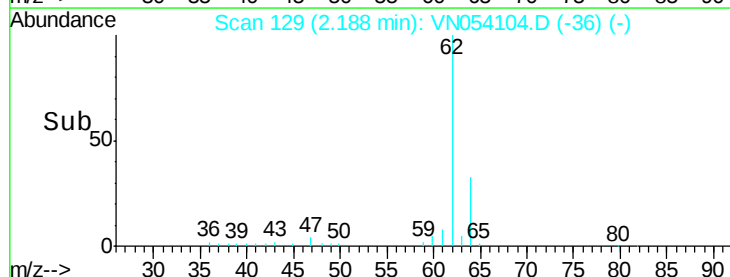
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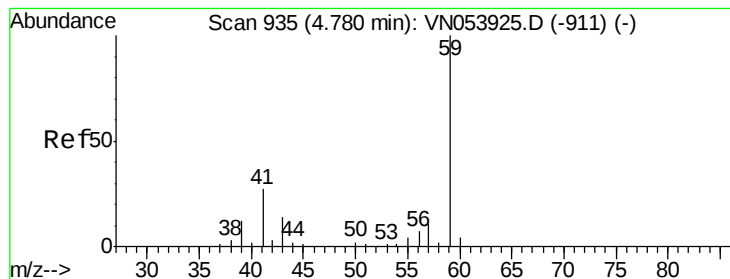
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Time-->



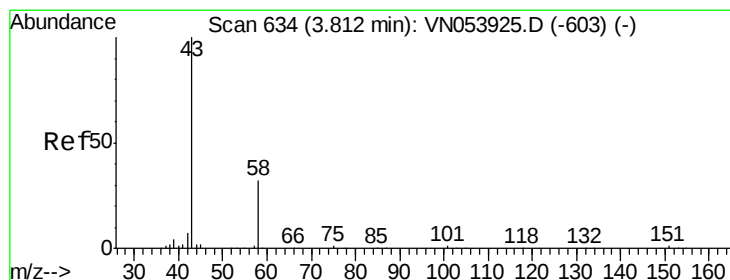
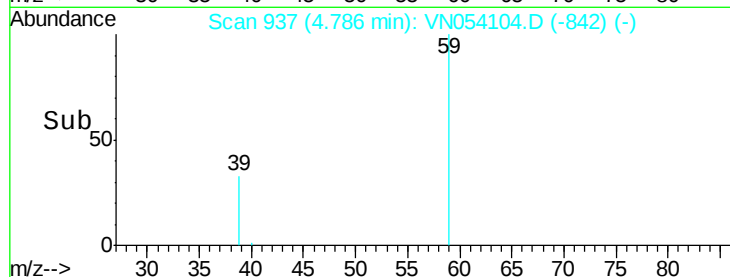
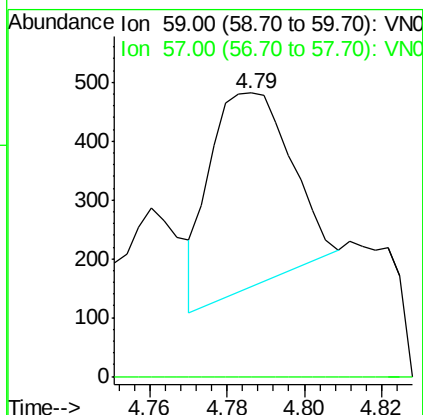
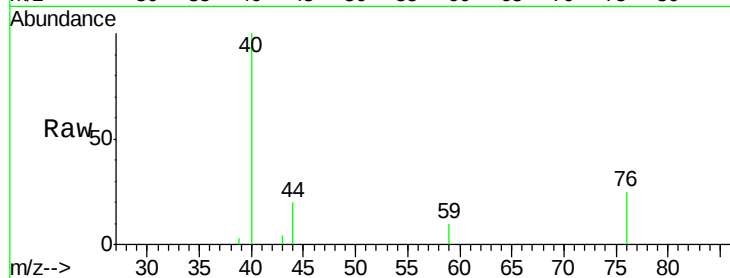


#11

Tert butyl alcohol
 Concen: 0.983 ug/l
 RT: 4.79 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VN054104.D
 Acq: 5 Mar 2019 17:28

Instrument :
 MSVOA_N
 ClientSampled :
 DUP-1

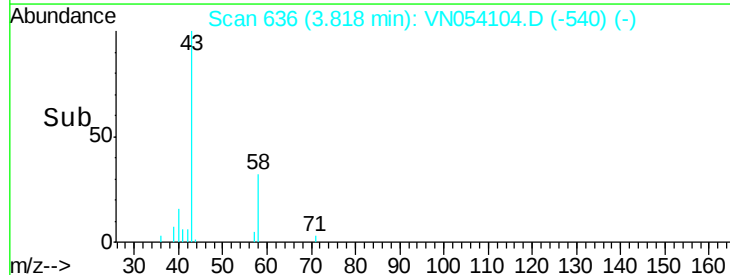
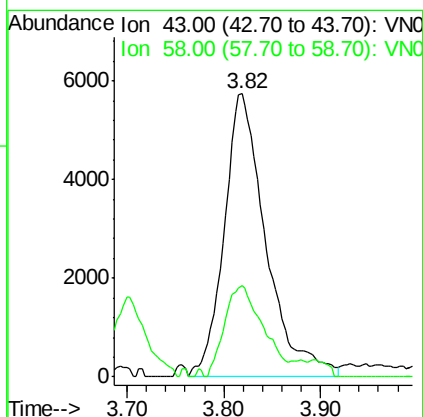
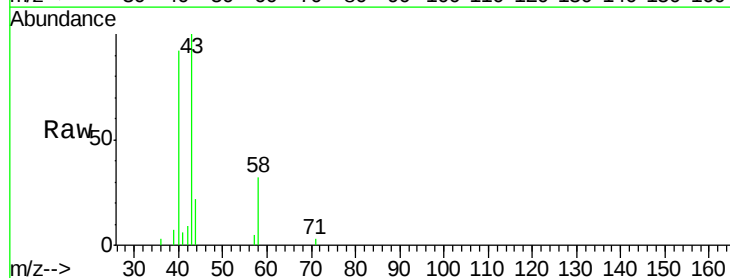
Tot Ion: 59 Resp: 488
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

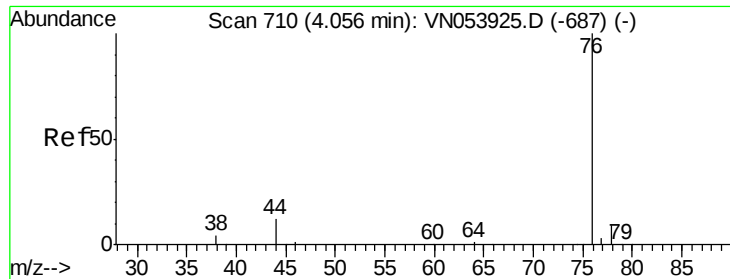


#16

Acetone
 Concen: Below Cal
 RT: 3.82 min Scan# 636
 Delta R.T. 0.01 min
 Lab File: VN054104.D
 Acq: 5 Mar 2019 17:28

Tgt Ion: 43 Resp: 17270
 Ion Ratio Lower Upper
 43 100
 58 32.3 27.6 41.4





#17

Carbon Disulfide

Concen: 0.350 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

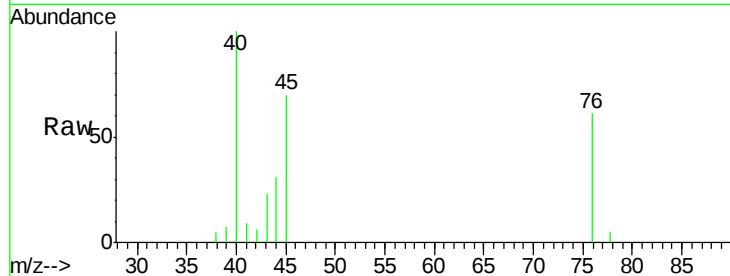
DUP-1

Tot Ion: 76 Resp: 7449

Ion Ratio Lower Upper

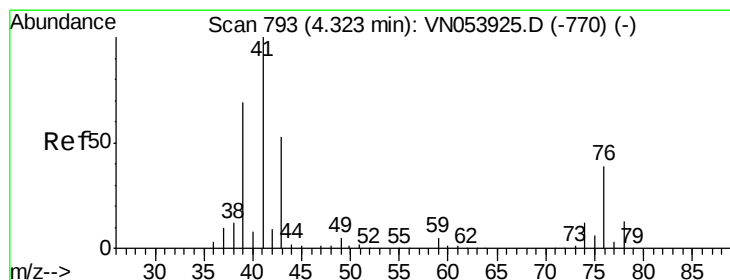
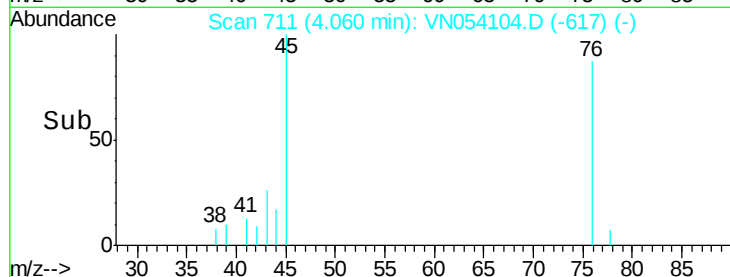
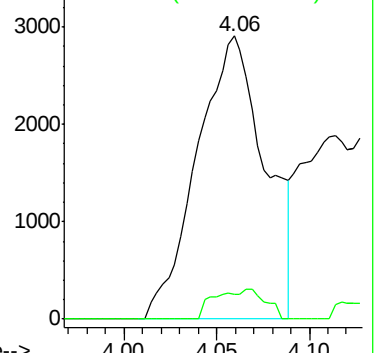
76 100

78 8.6 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.208 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN054104.D

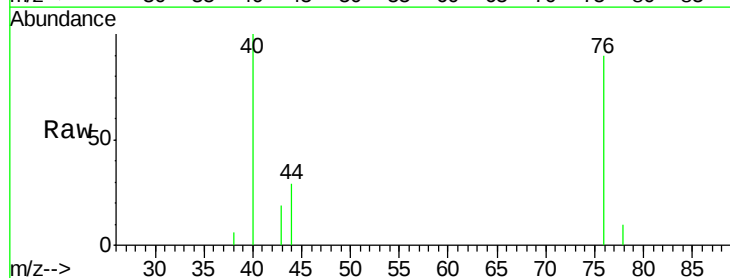
Acq: 5 Mar 2019 17:28

Tgt Ion: 43 Resp: 1139

Ion Ratio Lower Upper

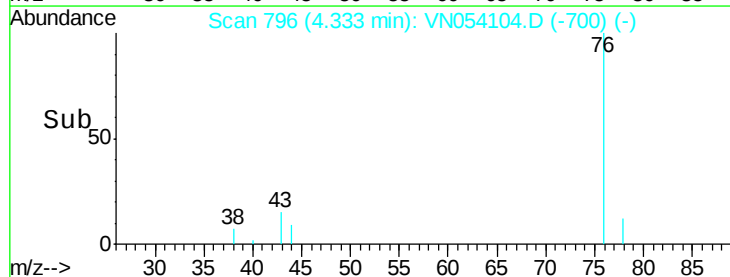
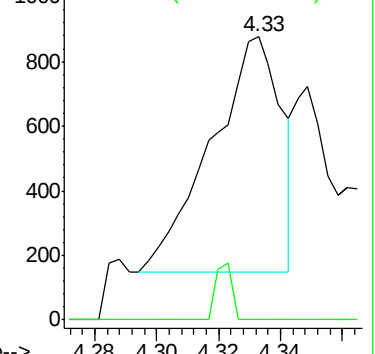
43 100

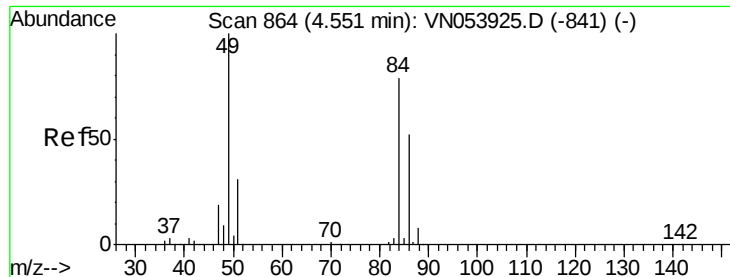
74 5.6 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methylene Chloride

Concen: 0.240 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

DUP-1

Tot Ion: 84 Resp: 1861

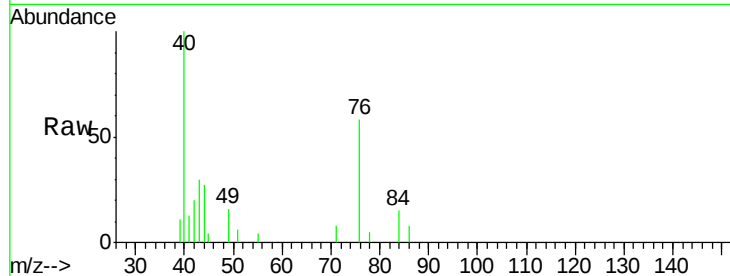
Ion Ratio Lower Upper

84 100

49 108.0 89.7 134.5

51 36.9 27.8 41.8

86 51.1 51.3 76.9#

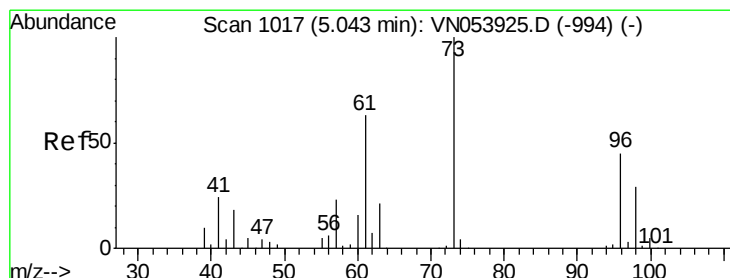
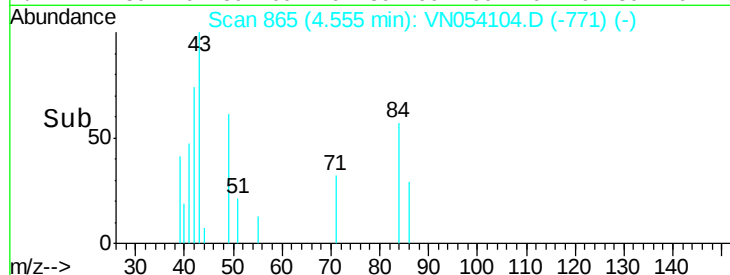
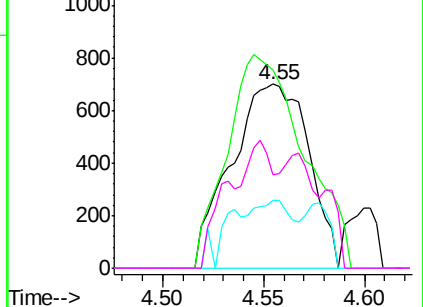


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#21

trans-1,2-Dichloroethene

Concen: 2.857 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

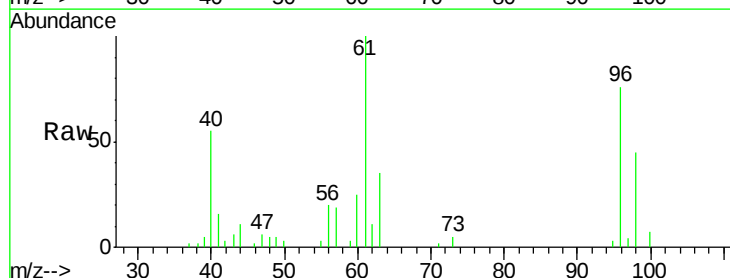
Tgt Ion: 96 Resp: 20402

Ion Ratio Lower Upper

96 100

61 131.7 104.5 156.7

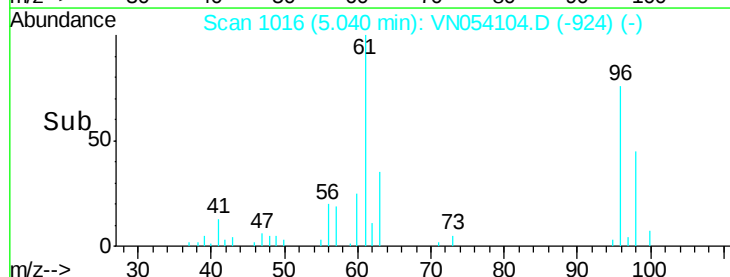
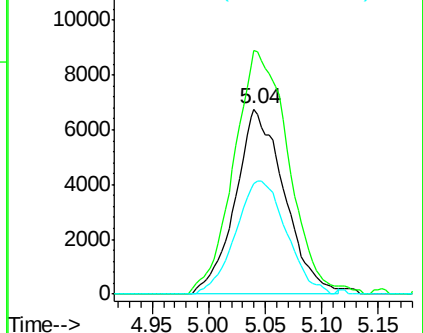
98 59.5 50.6 76.0

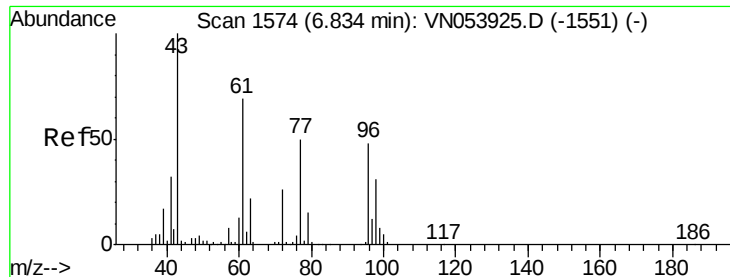


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

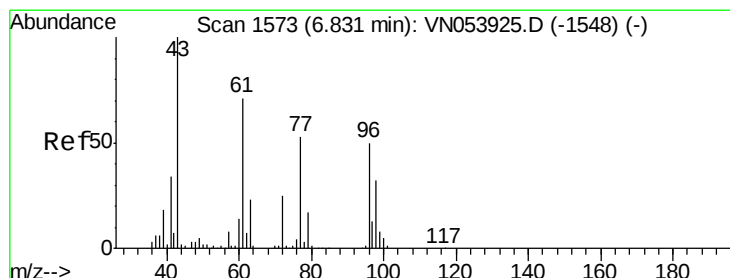
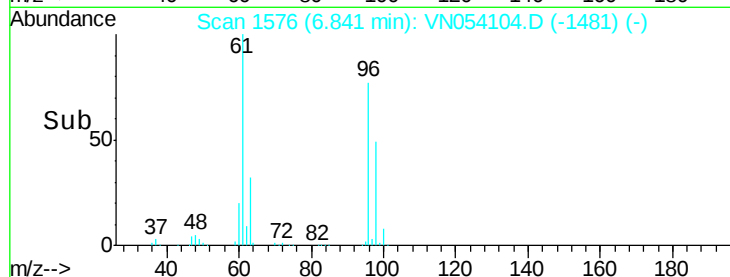
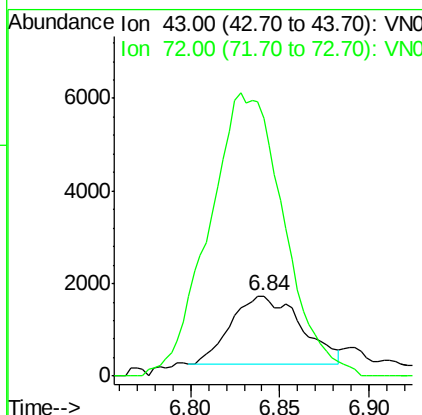
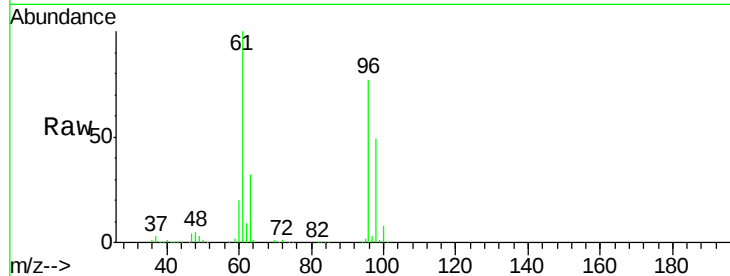




#25
2-Butanone
Concen: 1.311 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN054104.D
Acq: 5 Mar 2019 17:28

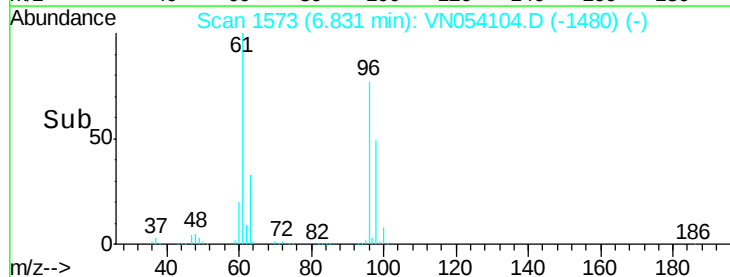
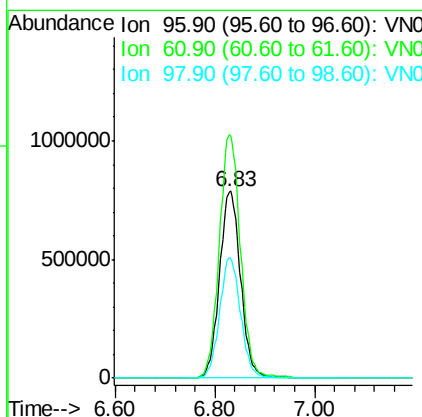
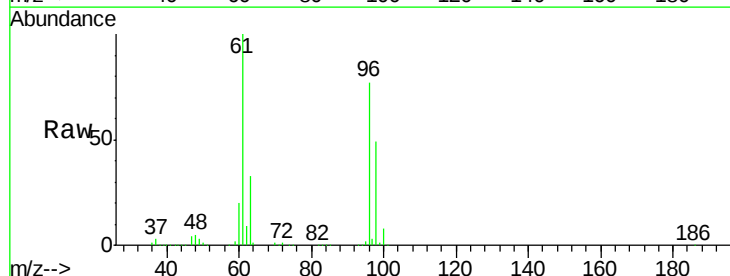
Instrument :
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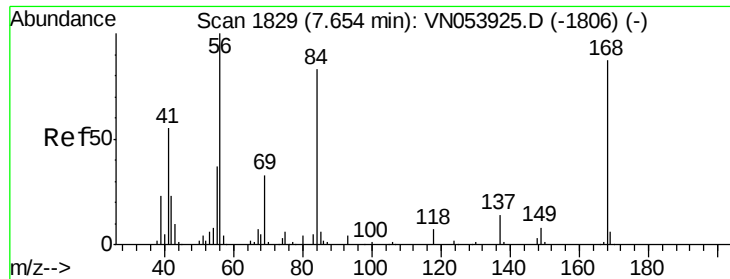
Tot Ion: 43 Resp: 4033
Ion Ratio Lower Upper
43 100
72 359.0 22.1 33.1#



#27
cis-1,2-Dichloroethene
Concen: 292.769 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN054104.D
Acq: 5 Mar 2019 17:28

Tgt Ion: 96 Resp: 2325074
Ion Ratio Lower Upper
96 100
61 130.7 0.0 275.6
98 64.1 0.0 130.0





#31

Cyclohexane

Concen: 1.732 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

DUP-1

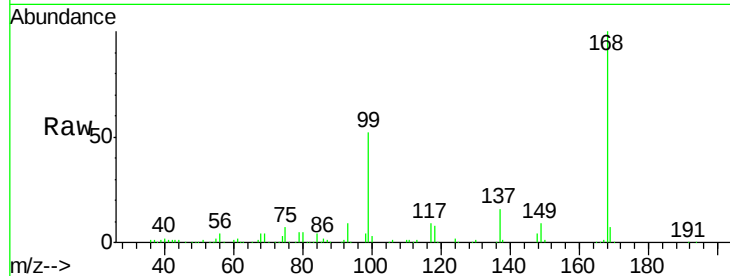
Tot Ion: 56 Resp: 26652

Ion Ratio Lower Upper

56 100

69 115.5 26.0 39.0#

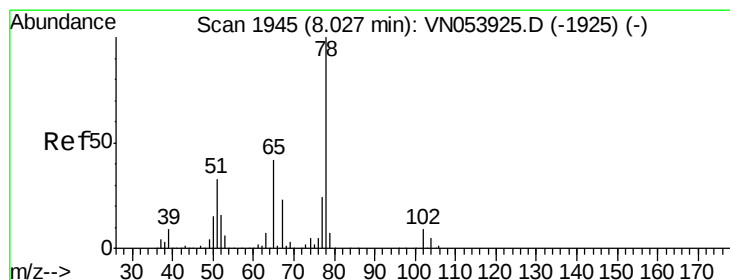
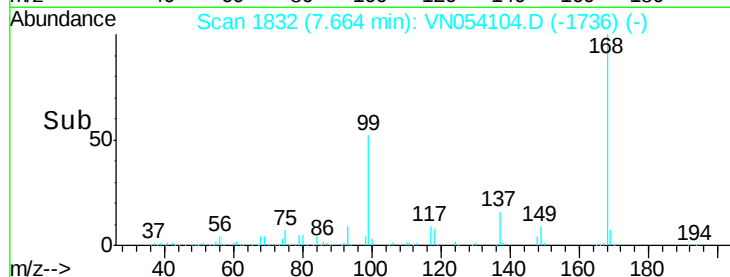
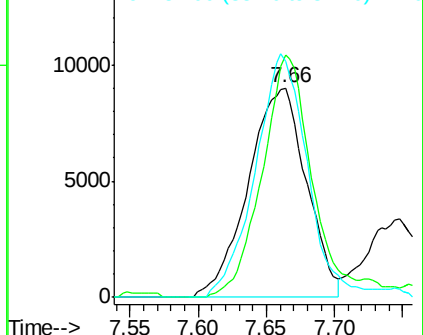
84 112.6 69.1 103.7#



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: 49.987 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054104.D

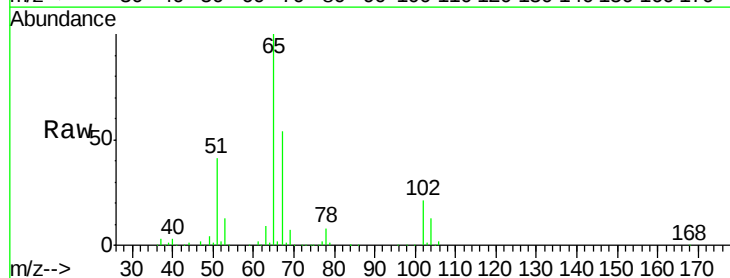
Acq: 5 Mar 2019 17:28

Tgt Ion: 65 Resp: 391632

Ion Ratio Lower Upper

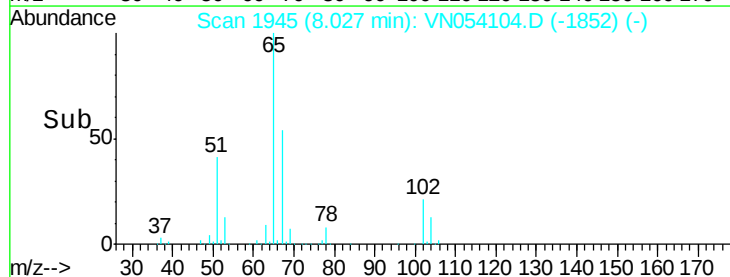
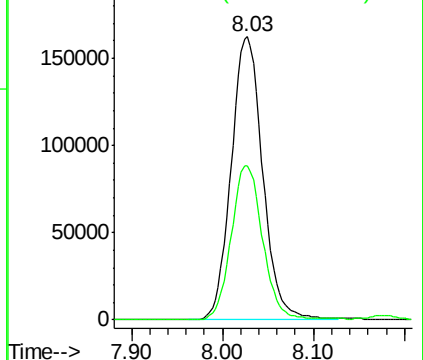
65 100

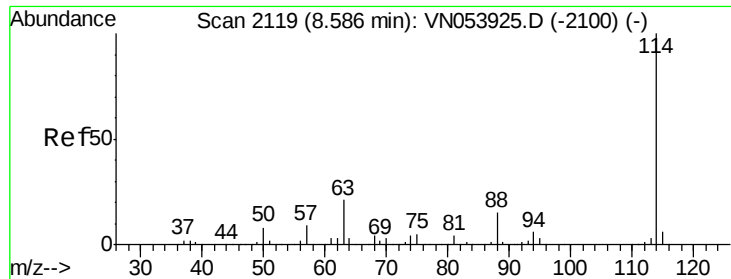
67 54.2 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

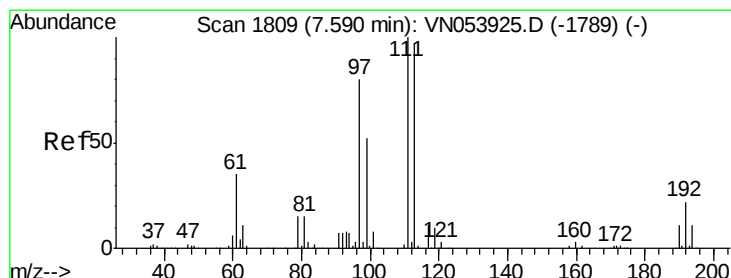
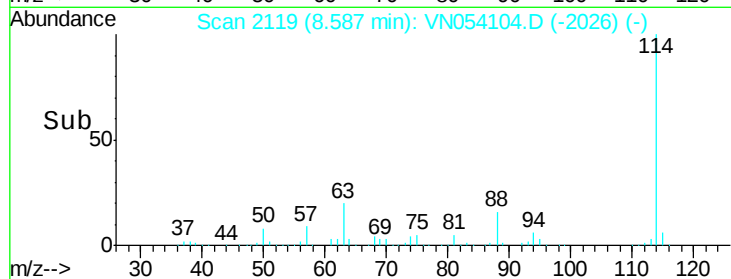
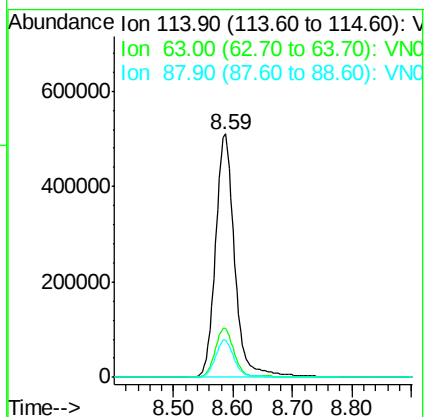
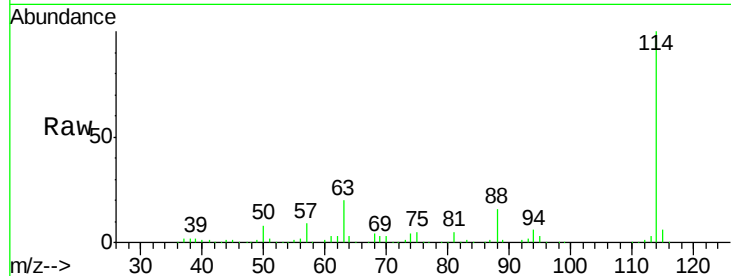




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054104.D
Acq: 5 Mar 2019 17:28

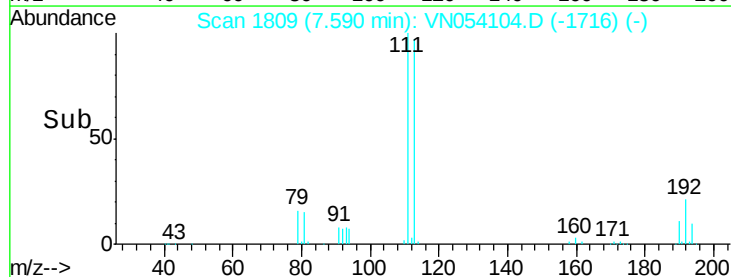
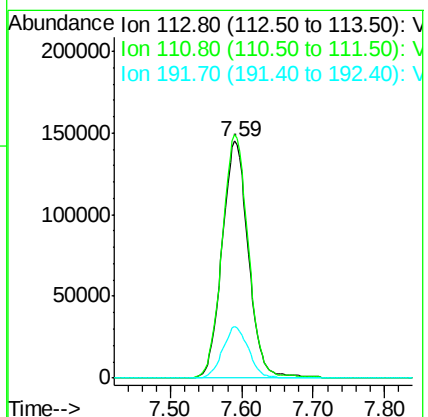
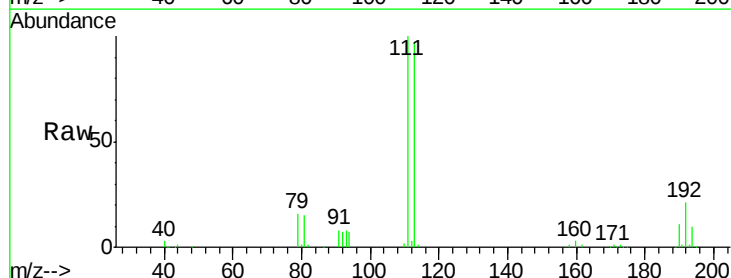
Instrument :
MSVOA_N
ClientSampleId :
DUP-1

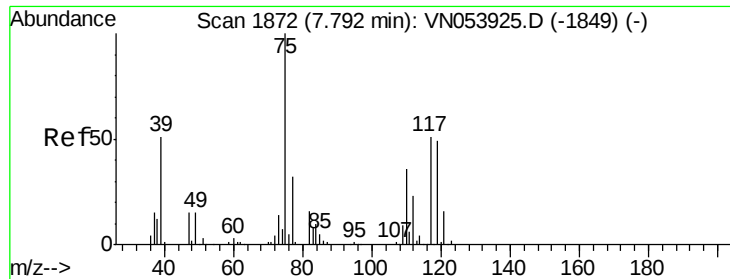
Tot Ion:114 Resp: 1141345
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 15.5 0.0 30.4



#35
Dibromofluoromethane
Concen: 50.352 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054104.D
Acq: 5 Mar 2019 17:28

Tgt Ion:113 Resp: 371626
Ion Ratio Lower Upper
113 100
111 101.9 81.1 121.7
192 21.3 18.8 28.2

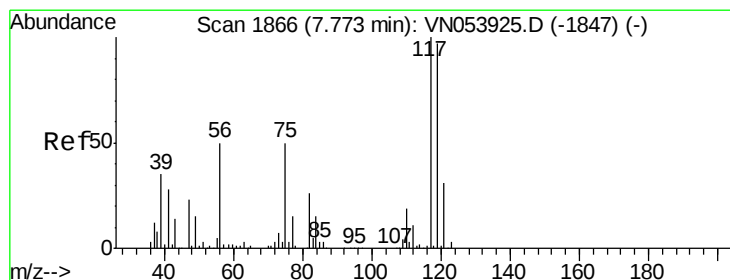
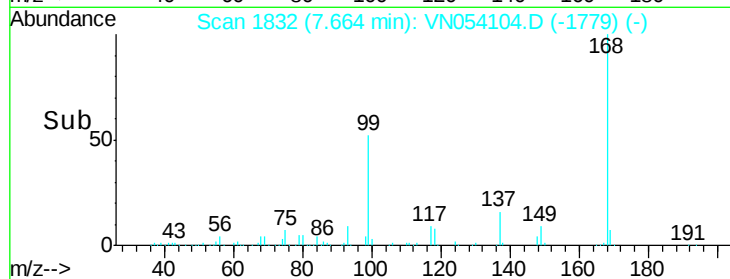
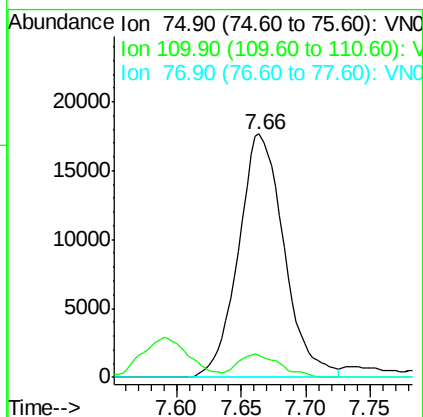
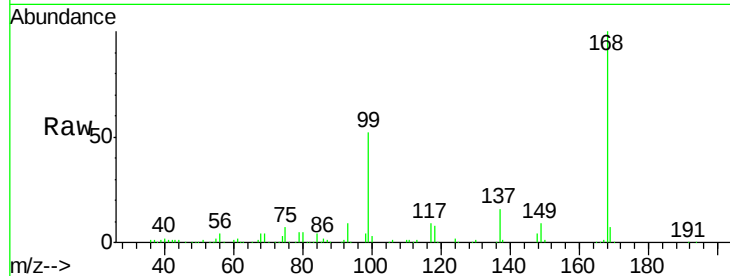




#36
 1,1-Dichloropropene
 Concen: 4.101 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054104.D
 Acq: 5 Mar 2019 17:28

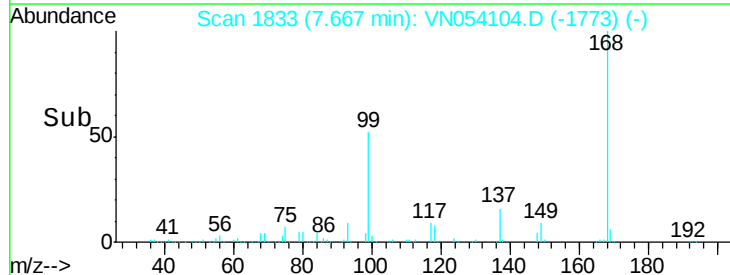
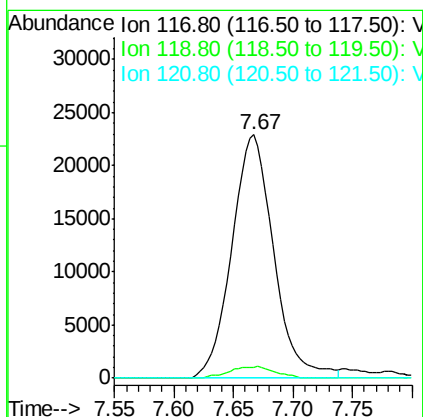
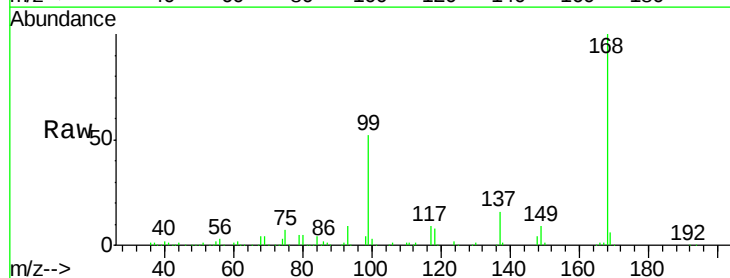
Instrument :
 MSVOA_N
 ClientSampleID :
 DUP-1

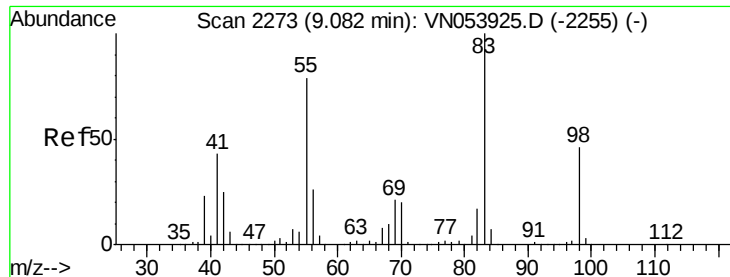
Tot Ion: 75 Resp: 43528
 Ion Ratio Lower Upper
 75 100
 110 8.9 19.0 57.0#
 77 0.0 25.4 38.0#



#38
 Carbon Tetrachloride
 Concen: 5.072 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN054104.D
 Acq: 5 Mar 2019 17:28

Tgt Ion: 117 Resp: 55991
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.2 114.2#
 121 0.0 24.6 36.8#

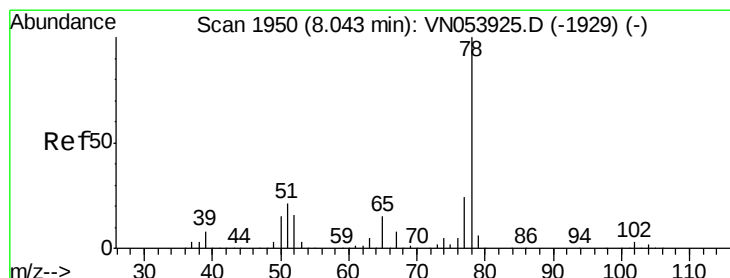
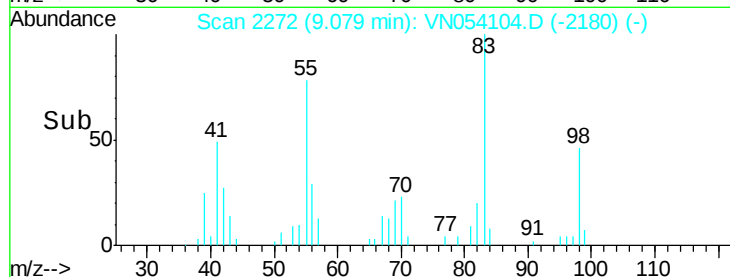
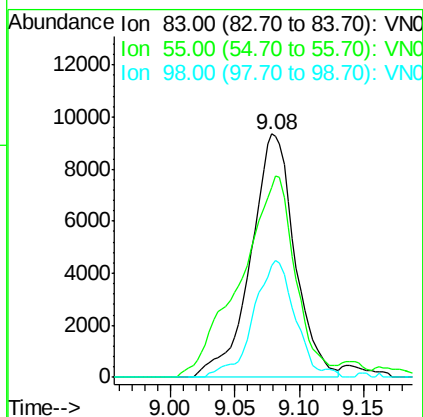
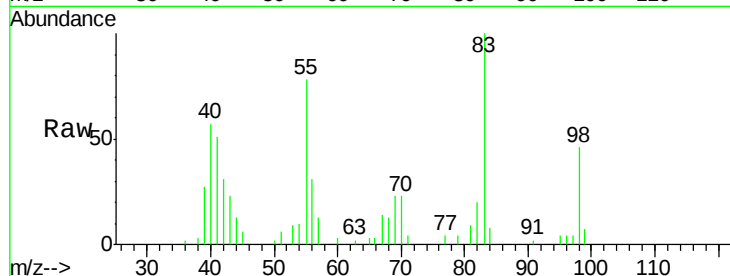




#39
Methvlcvclohexane
Concen: 1.731 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054104.D
Acq: 5 Mar 2019 17:28

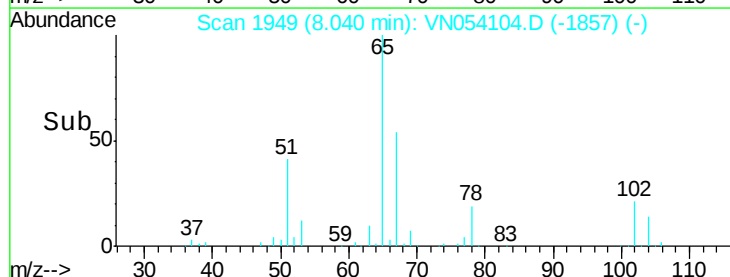
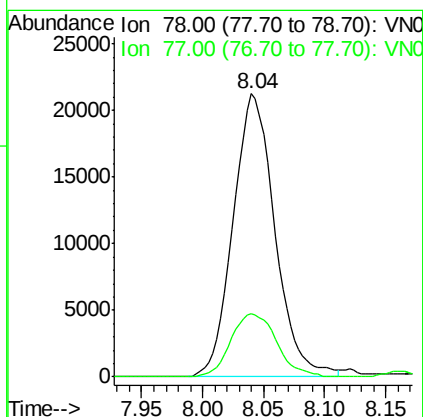
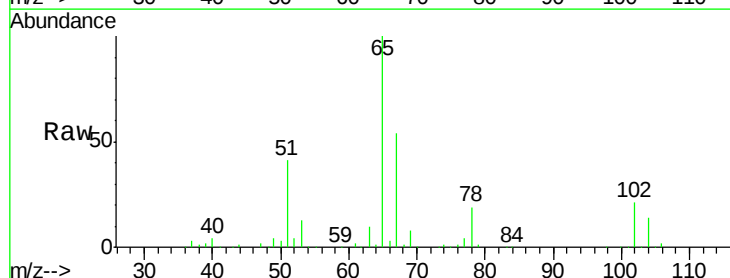
Instrument :
MSVOA_N
ClientSampleId :
DUP-1

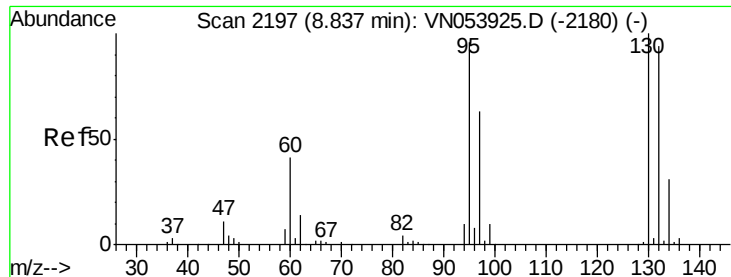
Tot Ion: 83 Resp: 22145
Ion Ratio Lower Upper
83 100
55 74.4 58.2 87.4
98 45.8 37.2 55.8



#40
Benzene
Concen: 1.551 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054104.D
Acq: 5 Mar 2019 17:28

Tgt Ion: 78 Resp: 50568
Ion Ratio Lower Upper
78 100
77 22.2 18.8 28.2





#44

Trichloroethene

Concen: 0.505 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

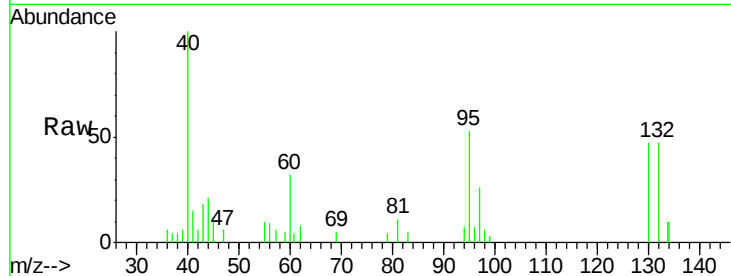
DUP-1

Tot Ion:130 Resp: 4367

Ion Ratio Lower Upper

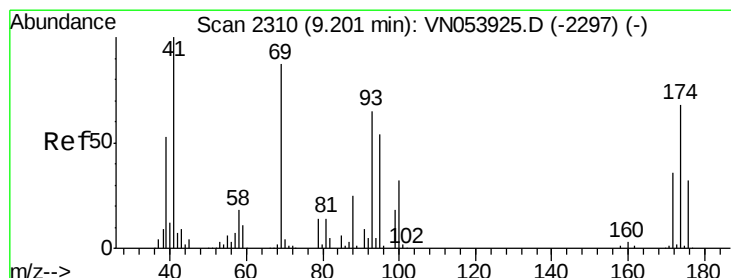
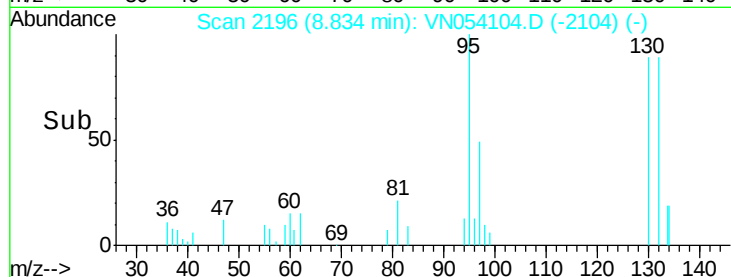
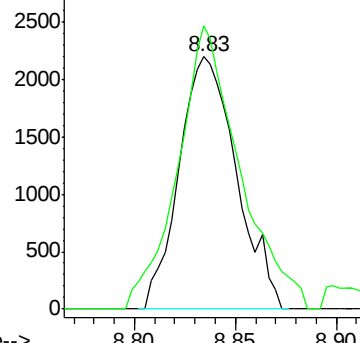
130 100

95 101.4 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



#48

Methyl methacrylate

Concen: 0.331 ug/l

RT: 9.15 min Scan# 2293

Delta R.T. -0.05 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

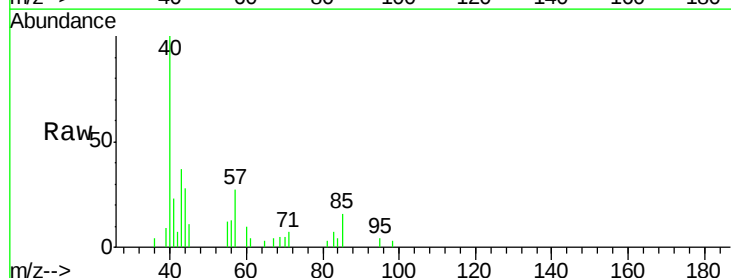
Tgt Ion: 41 Resp: 1946

Ion Ratio Lower Upper

41 100

69 0.0 74.8 112.2#

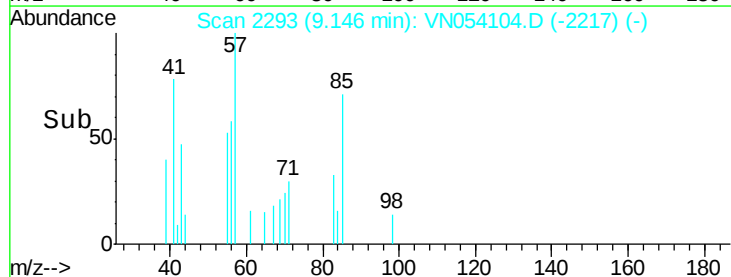
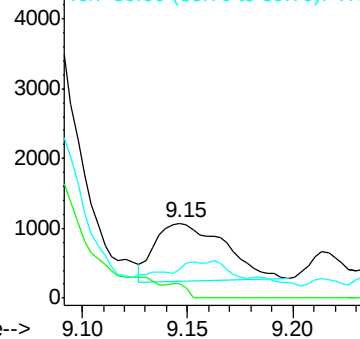
39 0.0 39.0 58.6#

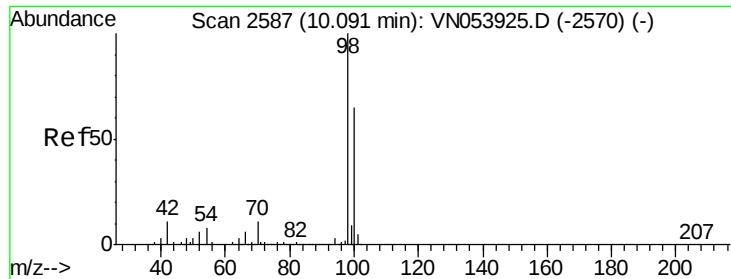


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#50

Toluene-d8

Concen: 52.291 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

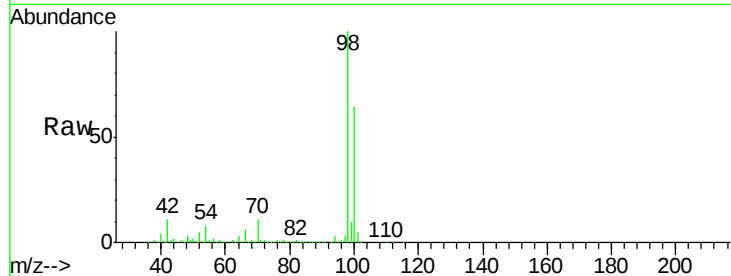
DUP-1

Tot Ion: 98 Resp: 1436685

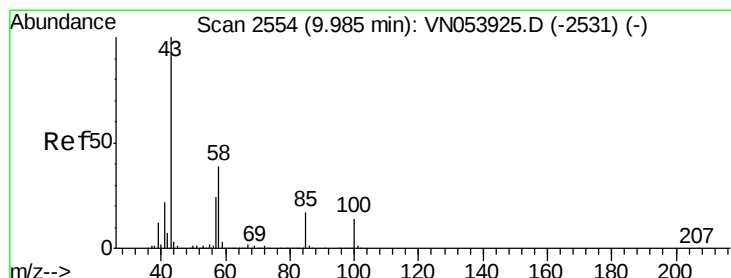
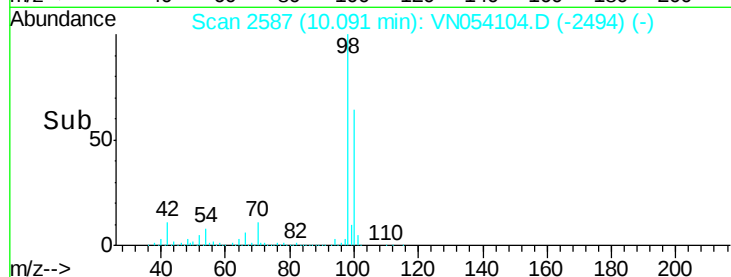
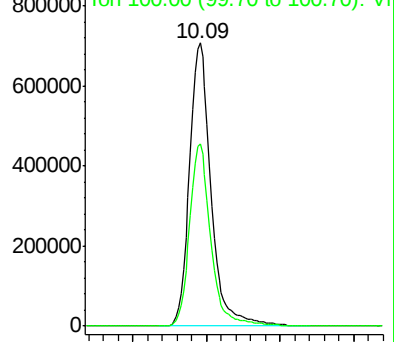
Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053925.D (-2570) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.650 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054104.D

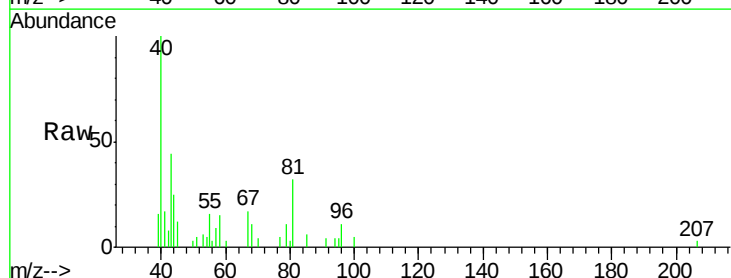
Acq: 5 Mar 2019 17:28

Tgt Ion: 43 Resp: 4276

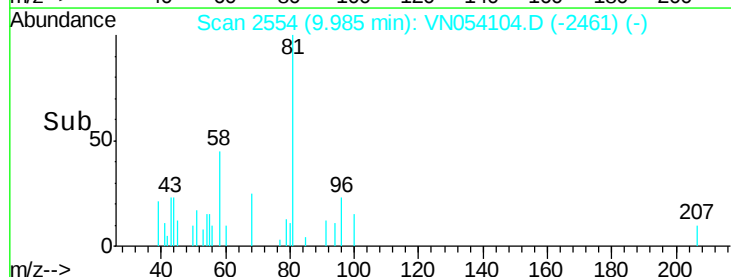
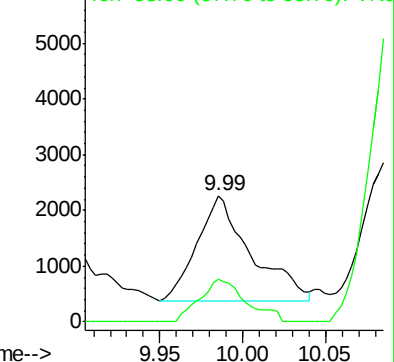
Ion Ratio Lower Upper

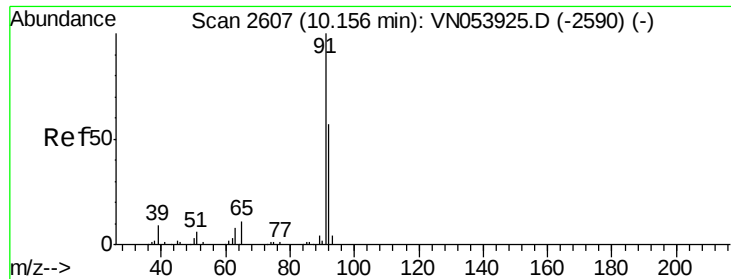
43 100

58 34.6 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-2531) (-)





#52

Toluene

Concen: 52.257 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

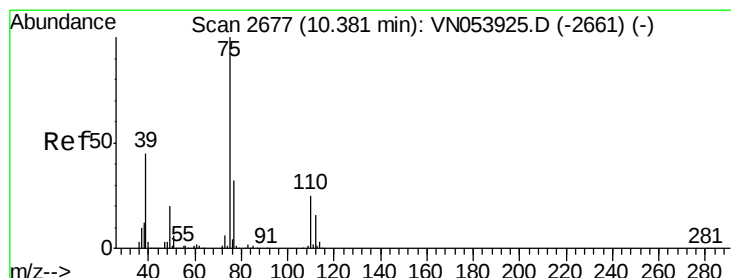
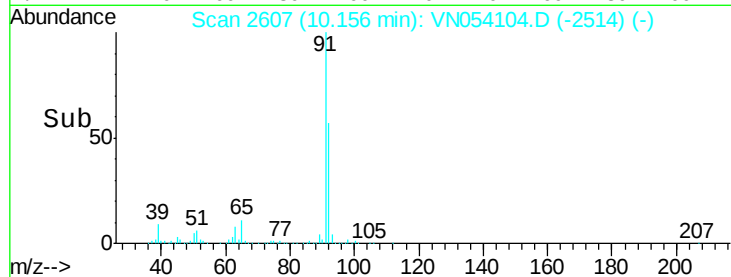
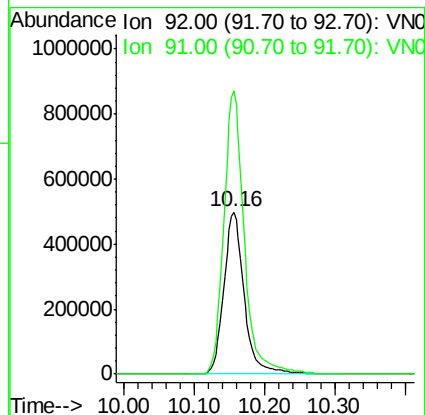
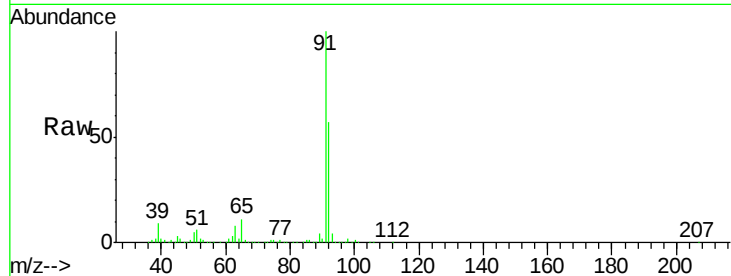
DUP-1

Tot Ion: 92 Resp: 1003334

Ion Ratio Lower Upper

92 100

91 175.1 138.4 207.6



#53

t-1,3-Dichloropropene

Concen: 1.056 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.22 min

Lab File: VN054104.D

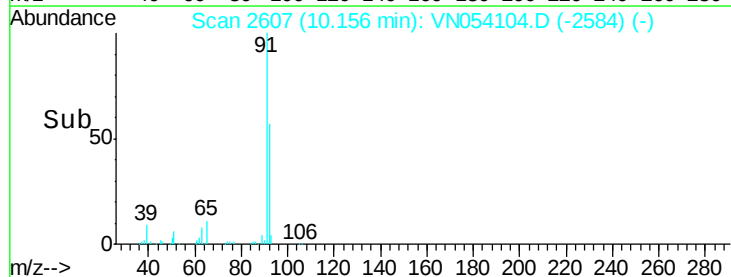
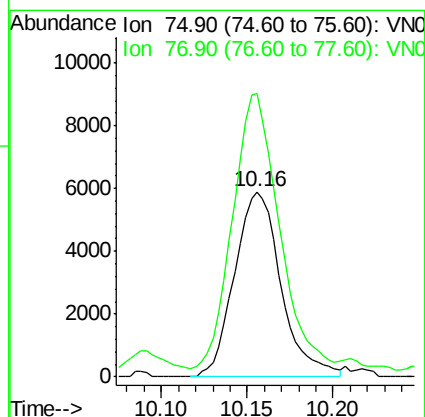
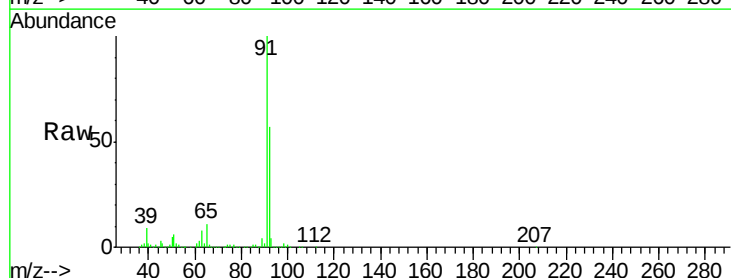
Acq: 5 Mar 2019 17:28

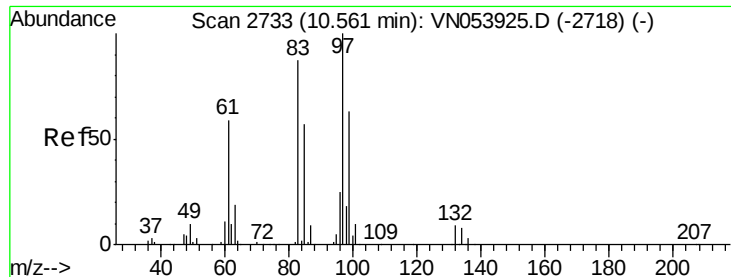
Tgt Ion: 75 Resp: 11059

Ion Ratio Lower Upper

75 100

77 148.5 25.0 37.6#





#55

1,1,2-Trichloroethane

Concen: 0.978 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

DUP-1

Tot Ion: 97 Resp: 7013

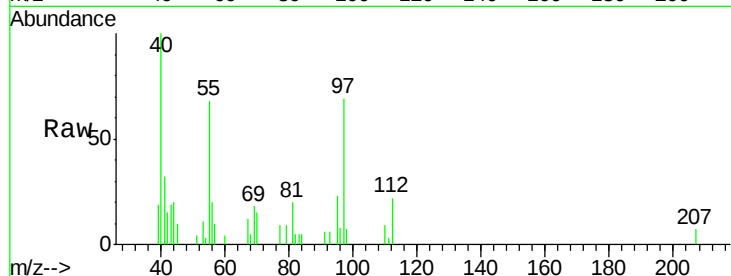
Ion Ratio Lower Upper

97 100

83 7.7 69.5 104.3#

85 0.0 45.9 68.9#

99 0.0 49.1 73.7#

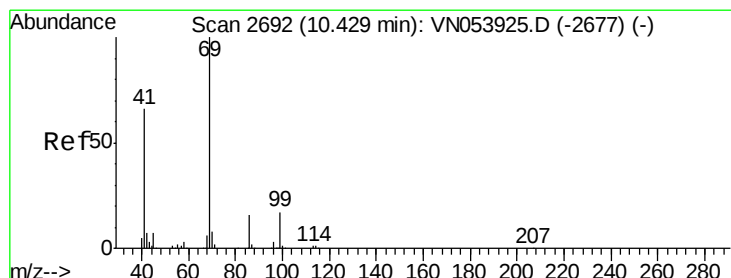
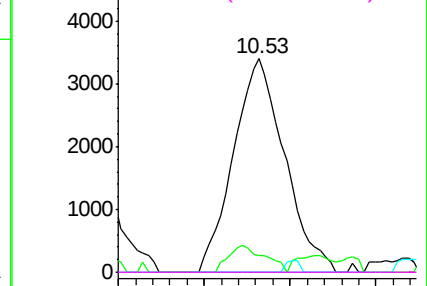
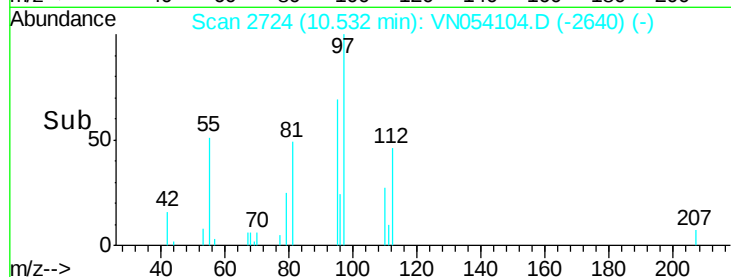


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 2.067 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

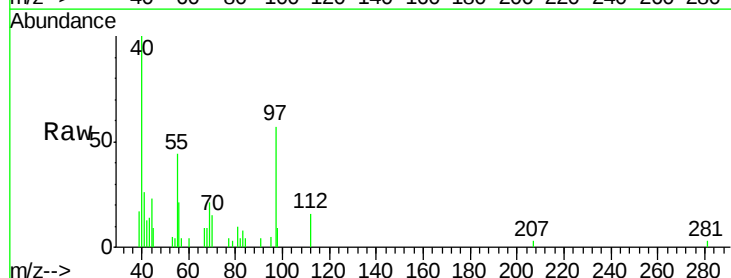
Tgt Ion: 69 Resp: 1098

Ion Ratio Lower Upper

69 100

41 132.8 47.5 71.3#

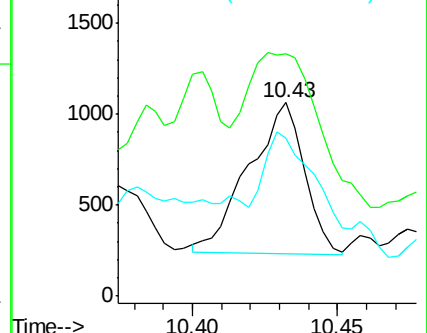
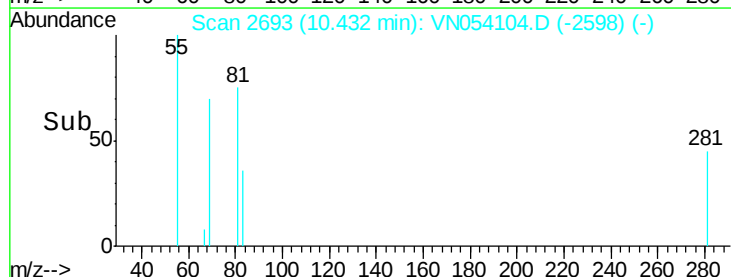
39 0.0 23.4 35.0#

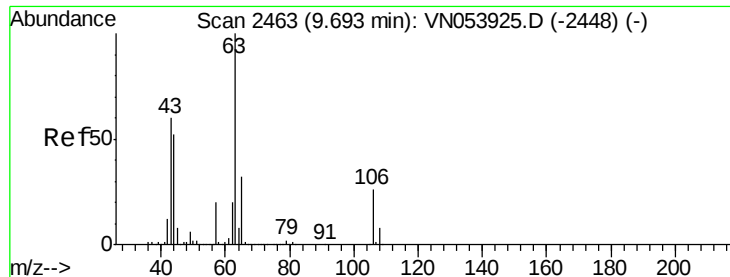


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#58

2-Chloroethyl Vinyl ether

Concen: 13.640 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.28 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

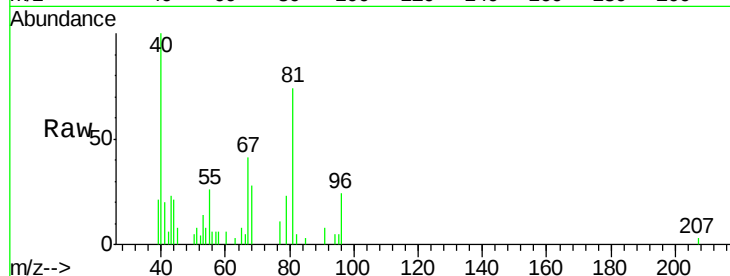
DUP-1

Tot Ion: 63 Resp: 95

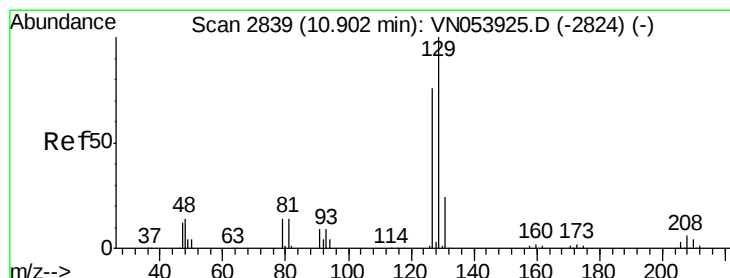
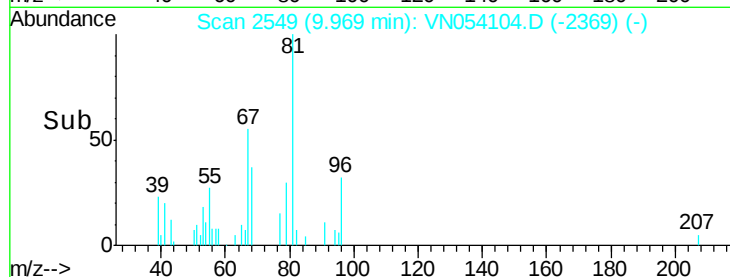
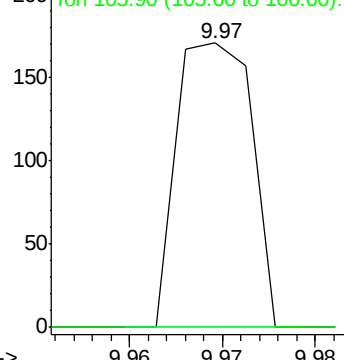
Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.2#



Abundance Ion 62.90 (62.60 to 63.60): VN053925.D (-2448) (-)



#60

Dibromochloromethane

Concen: 0.397 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.27 min

Lab File: VN054104.D

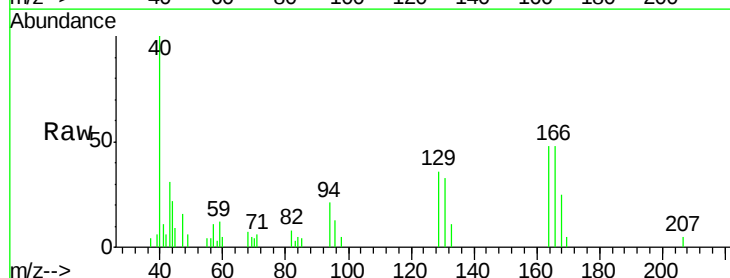
Acq: 5 Mar 2019 17:28

Tgt Ion: 129 Resp: 3160

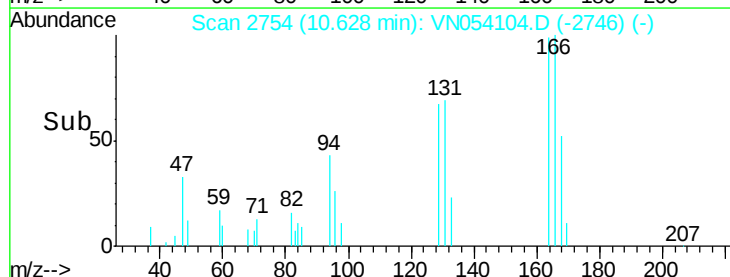
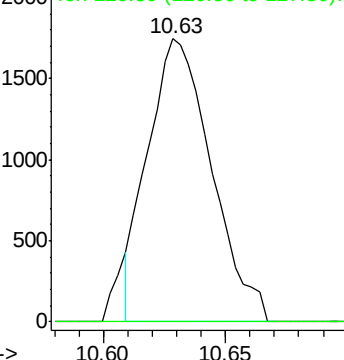
Ion Ratio Lower Upper

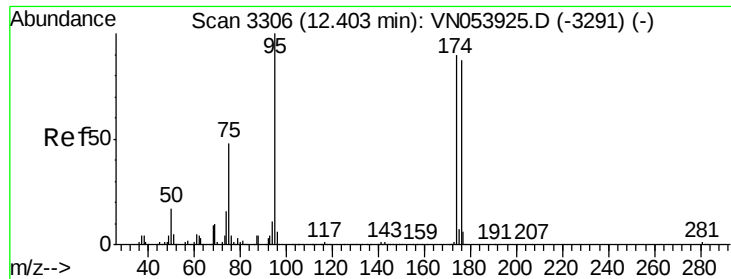
129 100

127 0.0 38.8 116.3#



Abundance Ion 128.80 (128.50 to 129.50): VN053925.D (-2824) (-)





#62

4-Bromofluorobenzene

Concen: 54.865 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

DUP-1

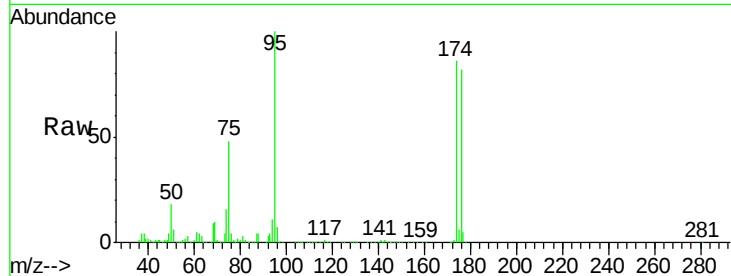
Tot Ion: 95 Resp: 502225

Ion Ratio Lower Upper

95 100

174 88.5 0.0 188.8

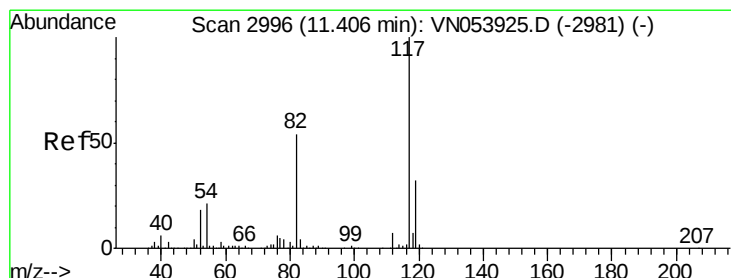
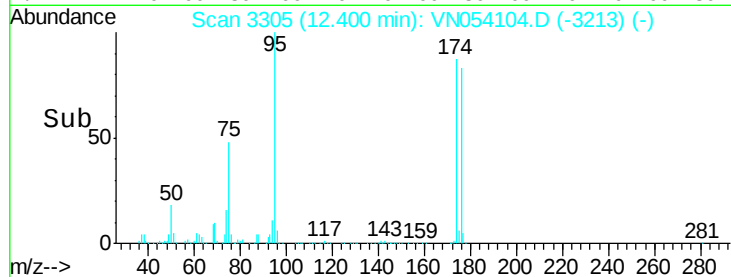
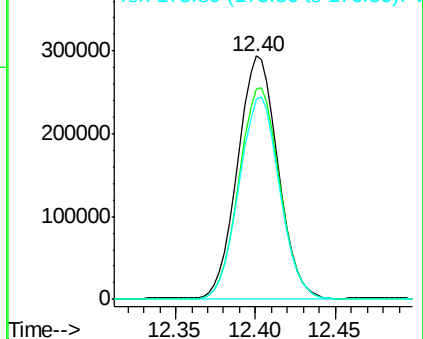
176 84.8 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

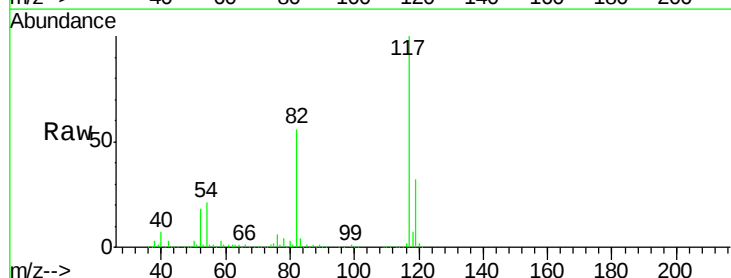
Tgt Ion: 117 Resp: 1096282

Ion Ratio Lower Upper

117 100

82 55.7 41.4 62.2

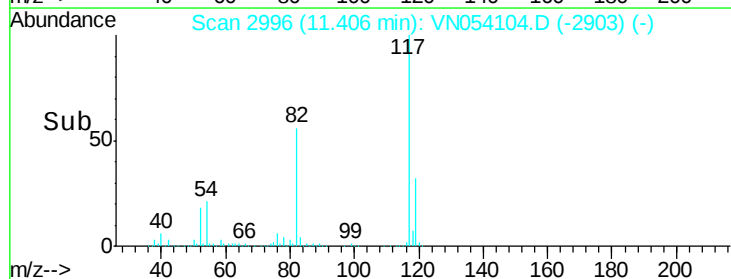
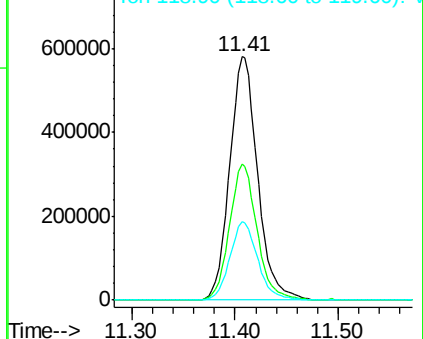
119 32.2 25.3 37.9

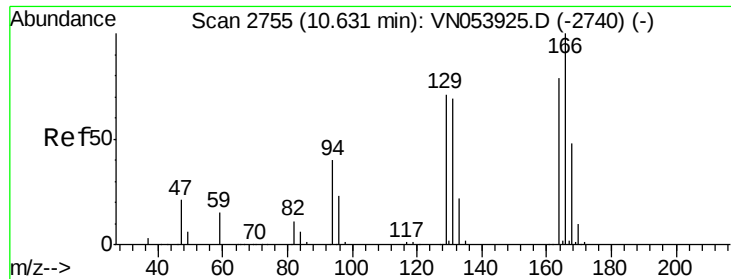


Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)





#64

Tetrachloroethene

Concen: 0.434 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

DUP-1

Tot Ion:164 Resp: 4030

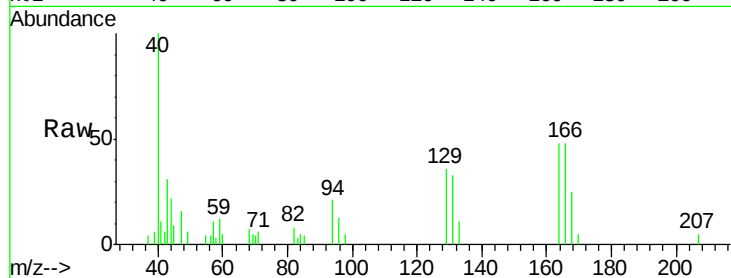
Ion Ratio Lower Upper

164 100

166 100.9 102.6 153.8#

129 75.4 69.4 104.0

131 69.9 68.1 102.1

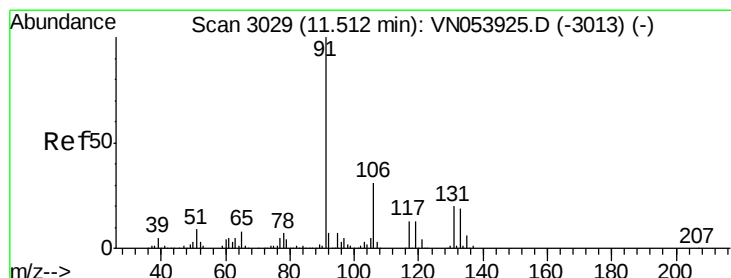
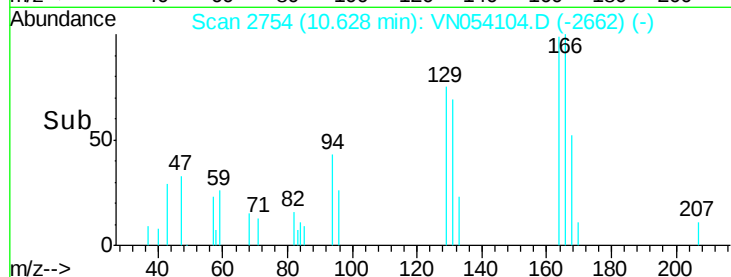
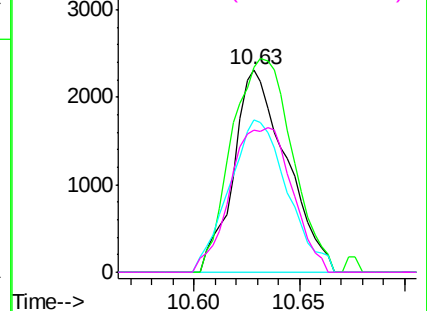


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 10.528 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN054104.D

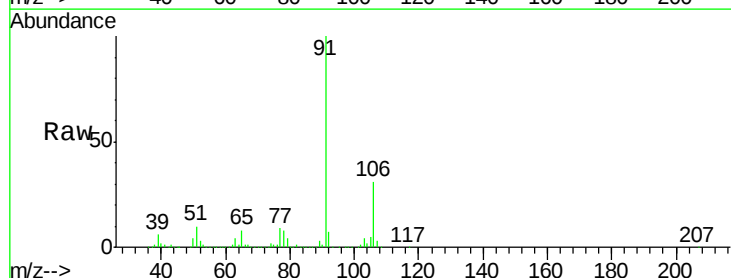
Acq: 5 Mar 2019 17:28

Tgt Ion: 91 Resp: 408363

Ion Ratio Lower Upper

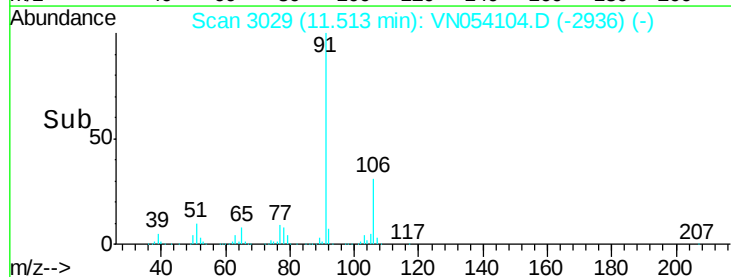
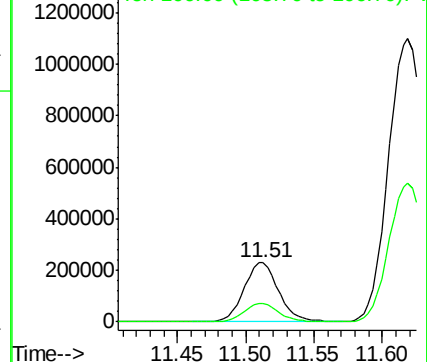
91 100

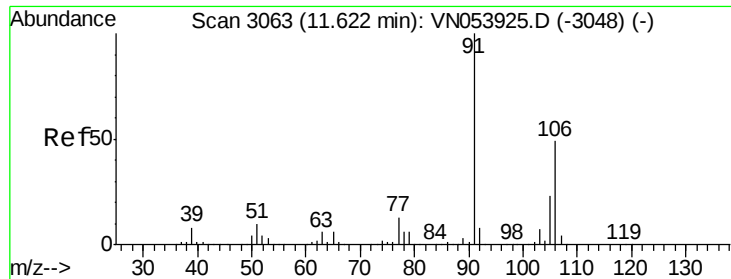
106 31.0 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

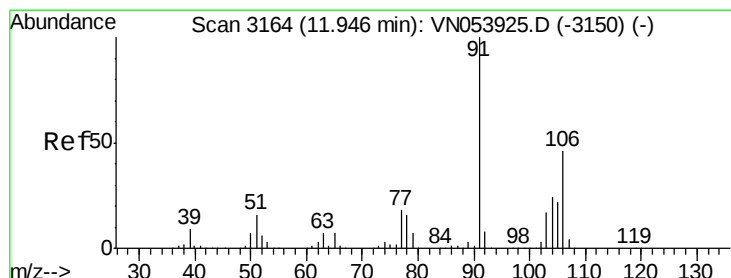
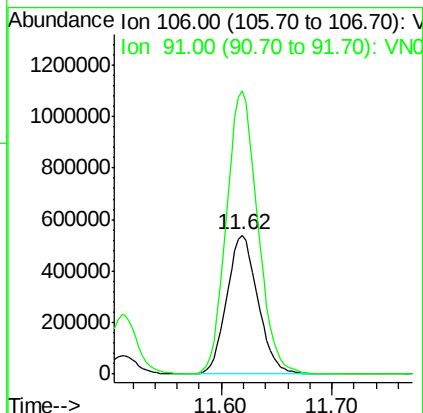
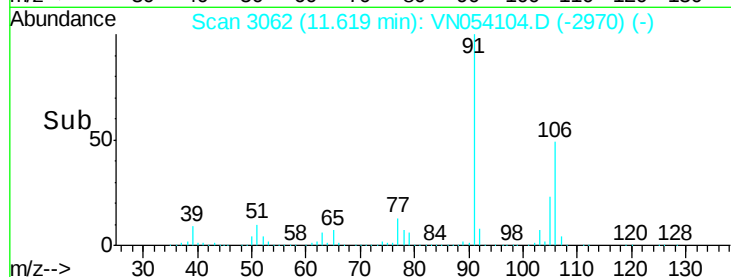
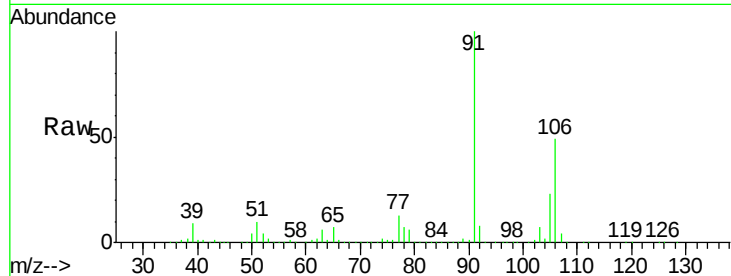




#68
m/p-Xylenes
Concen: 71.950 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054104.D
Acq: 5 Mar 2019 17:28

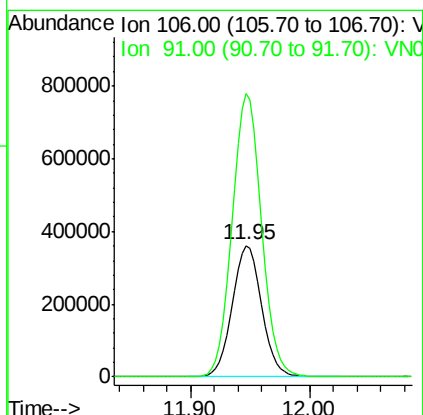
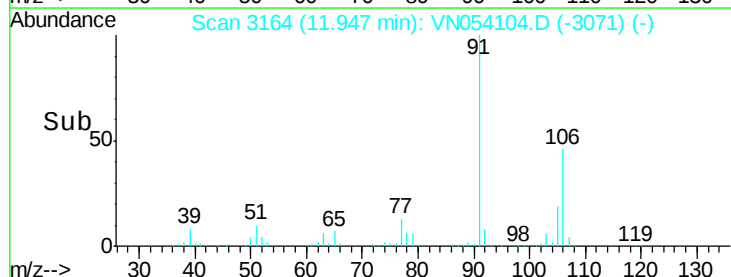
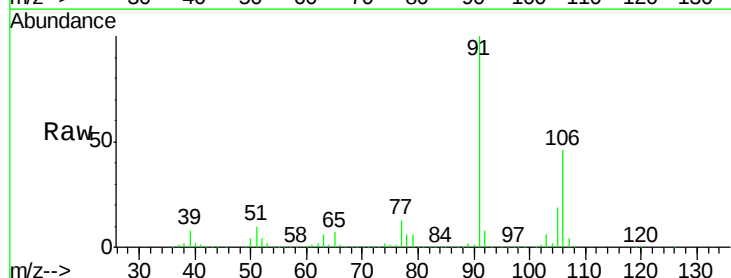
Instrument :
MSVOA_N
ClientSampled :
DUP-1

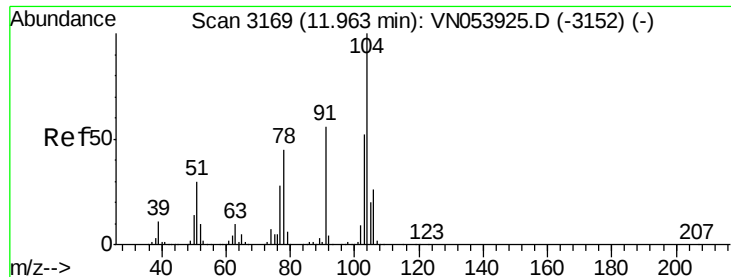
Tot Ion:106 Resp: 1053282
Ion Ratio Lower Upper
106 100
91 205.5 158.9 238.3



#69
o-Xylene
Concen: 42.941 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054104.D
Acq: 5 Mar 2019 17:28

Tgt Ion:106 Resp: 617667
Ion Ratio Lower Upper
106 100
91 215.5 106.0 318.0

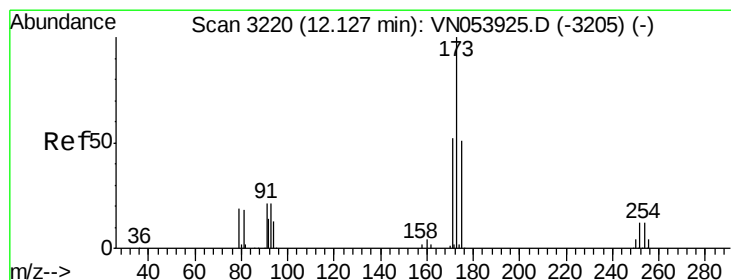
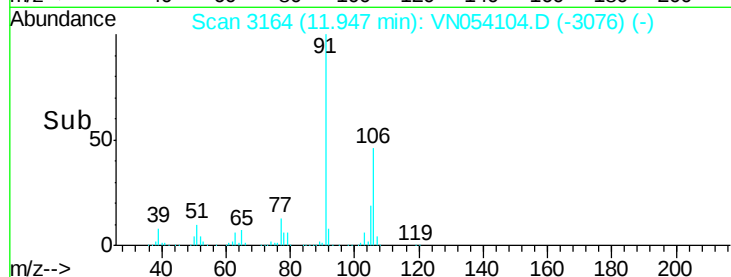
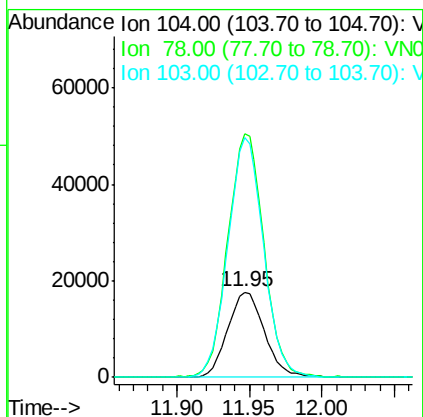
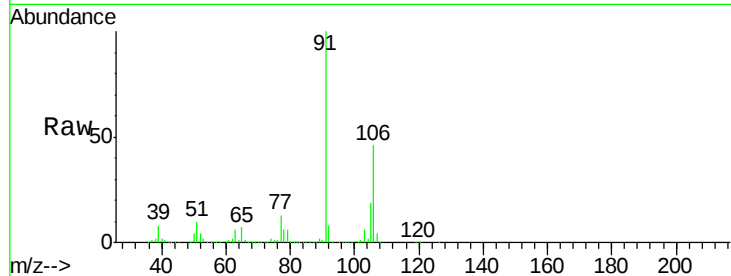




#70
Stvrene
Concen: 1.412 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.02 min
Lab File: VN054104.D
Acq: 5 Mar 2019 17:28

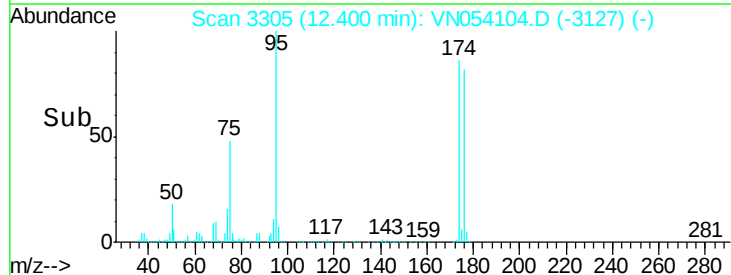
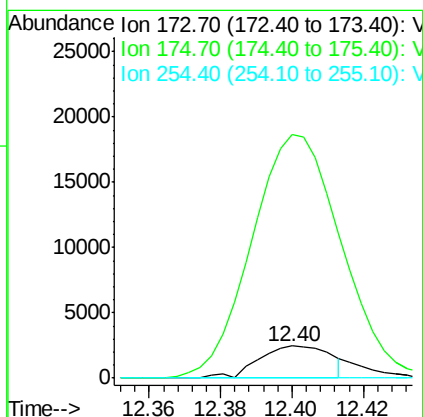
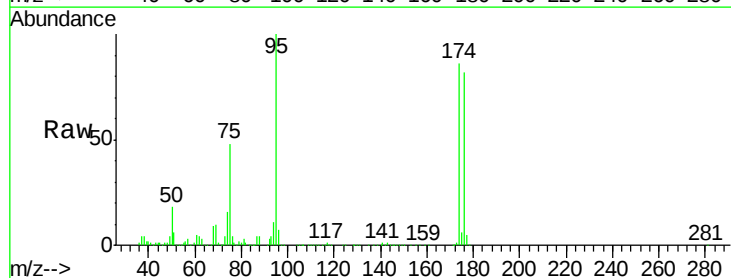
Instrument :
MSVOA_N
ClientSampleId :
DUP-1

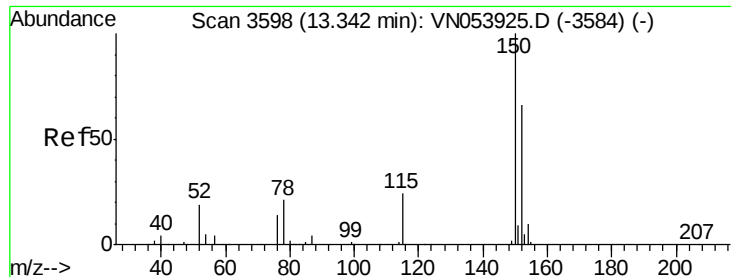
Tot Ion:104 Resp: 31241
Ion Ratio Lower Upper
104 100
78 279.3 38.1 57.1#
103 271.3 44.6 67.0#



#71
Bromoform
Concen: 0.588 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054104.D
Acq: 5 Mar 2019 17:28

Tgt Ion:173 Resp: 3411
Ion Ratio Lower Upper
173 100
175 823.3 24.3 72.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

DUP-1

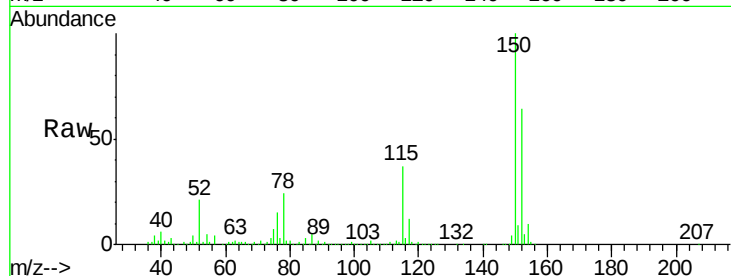
Tot Ion:152 Resp: 462923

Ion Ratio Lower Upper

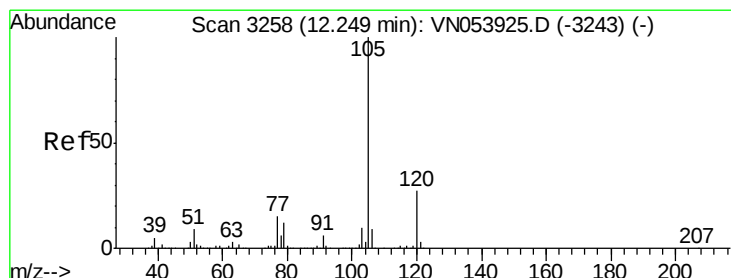
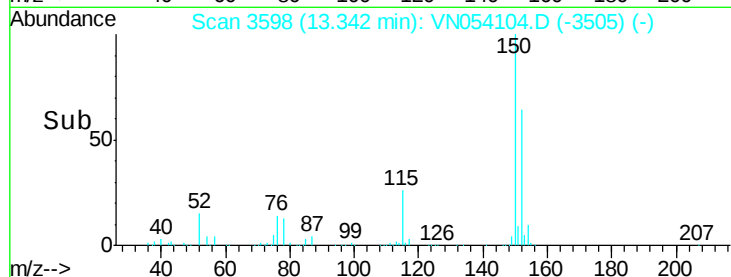
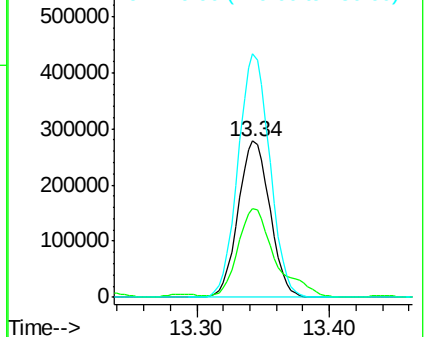
152 100

115 66.4 27.2 81.6

150 155.8 0.0 348.2



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: 1.298 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054104.D

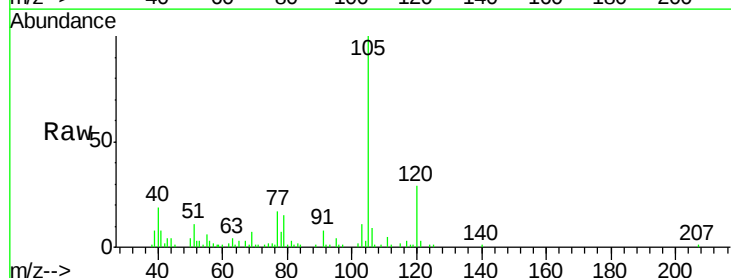
Acq: 5 Mar 2019 17:28

Tgt Ion:105 Resp: 46758

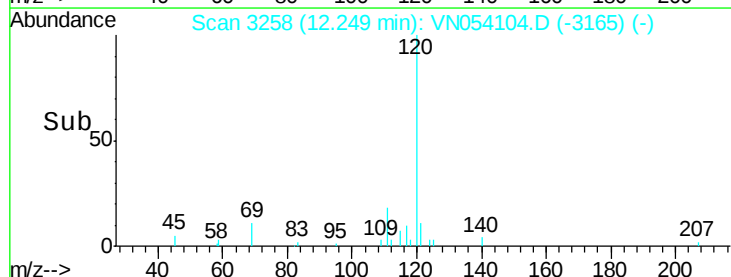
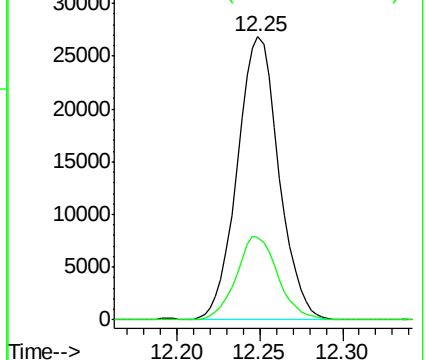
Ion Ratio Lower Upper

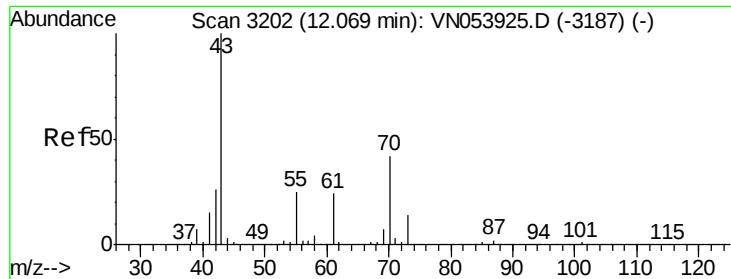
105 100

120 29.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

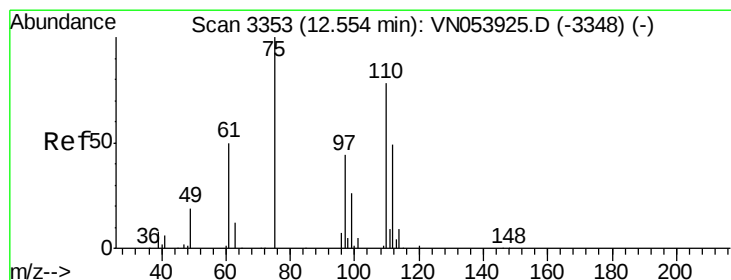
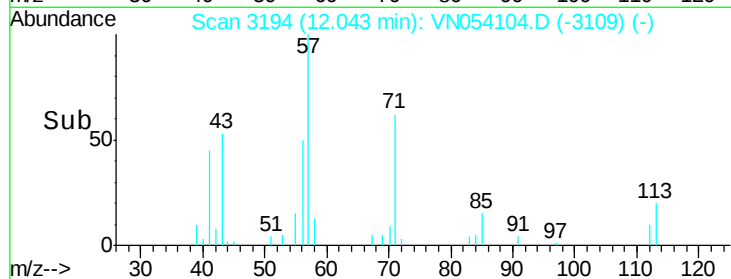
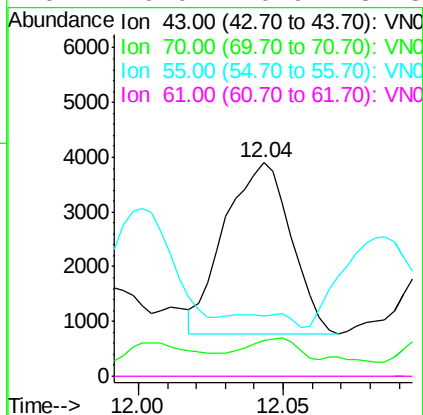
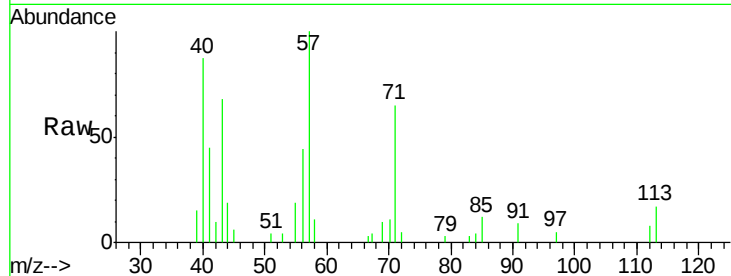




#74
N-amyl acetate
Concen: 0.526 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.03 min
Lab File: VN054104.D
Acq: 5 Mar 2019 17:28

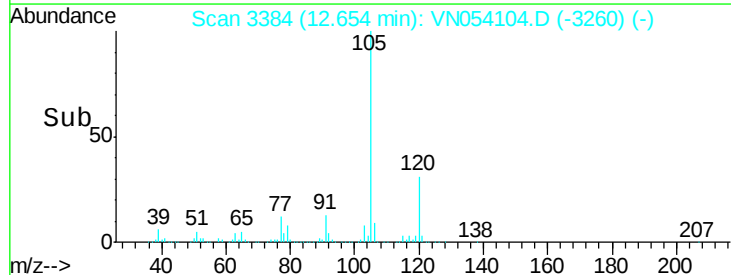
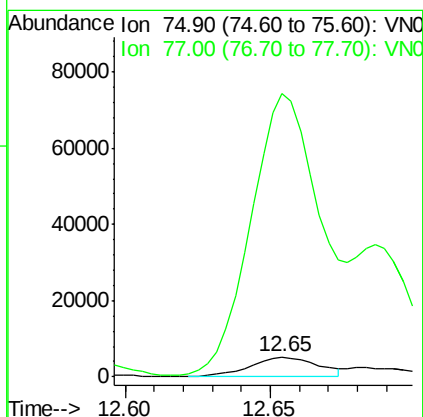
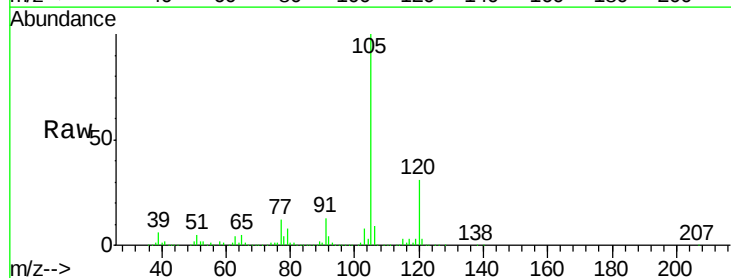
Instrument :
MSVOA_N
ClientSampled :
DUP-1

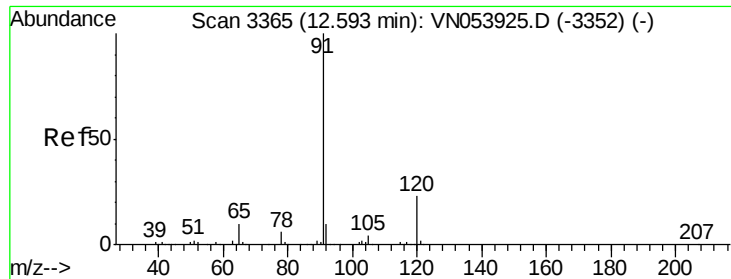
Tot Ion: 43 Resp: 4972
Ion Ratio Lower Upper
43 100
70 9.1 37.4 56.2#
55 0.0 21.4 32.0#
61 0.0 20.9 31.3#



#76
1,2,3-Trichloropropane
Concen: 1.148 ug/l
RT: 12.65 min Scan# 3384
Delta R.T. 0.10 min
Lab File: VN054104.D
Acq: 5 Mar 2019 17:28

Tgt Ion: 75 Resp: 8527
Ion Ratio Lower Upper
75 100
77 1463.2 0.0 0.0#





#78

n-propylbenzene

Concen: 3.493 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

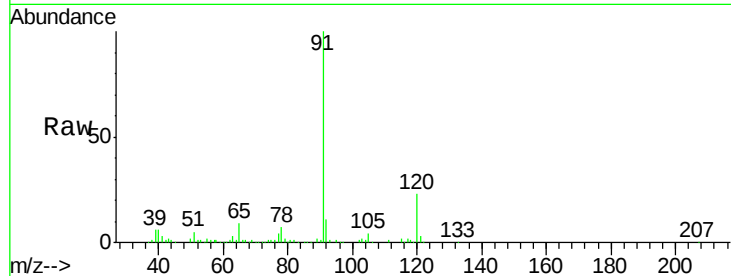
DUP-1

Tot Ion: 91 Resp: 143145

Ion Ratio Lower Upper

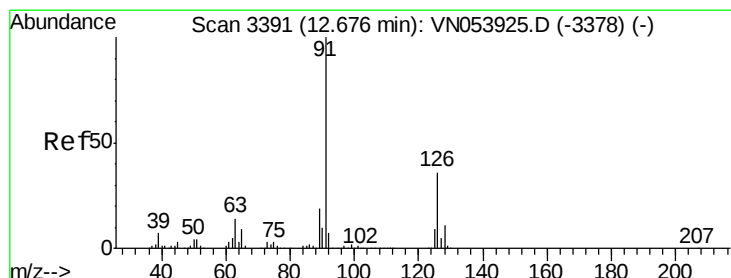
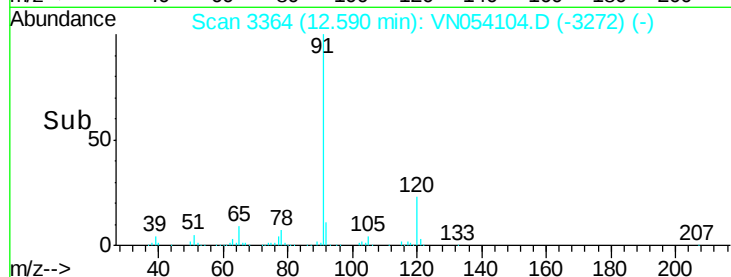
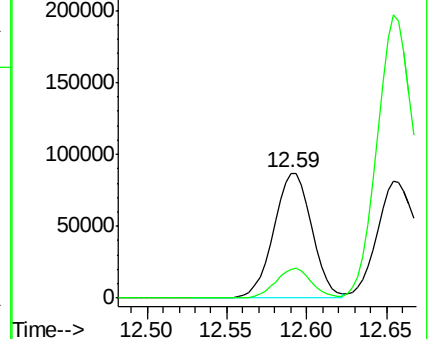
91 100

120 22.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 8.016 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN054104.D

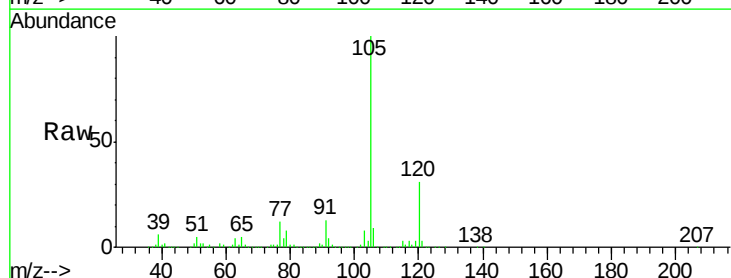
Acq: 5 Mar 2019 17:28

Tgt Ion: 91 Resp: 197343

Ion Ratio Lower Upper

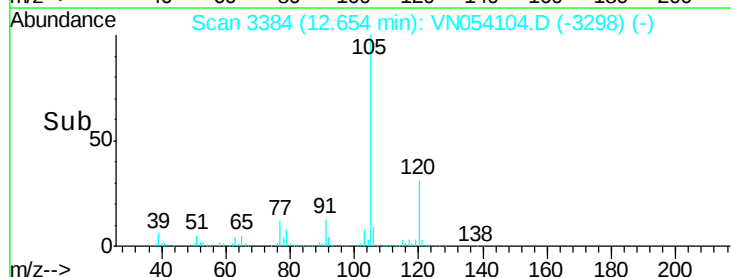
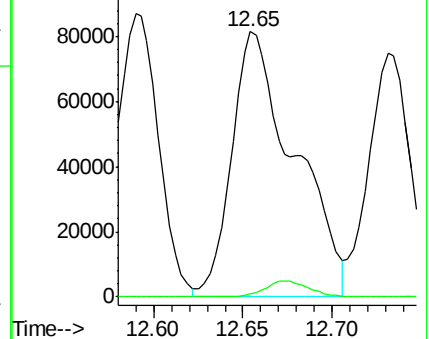
91 100

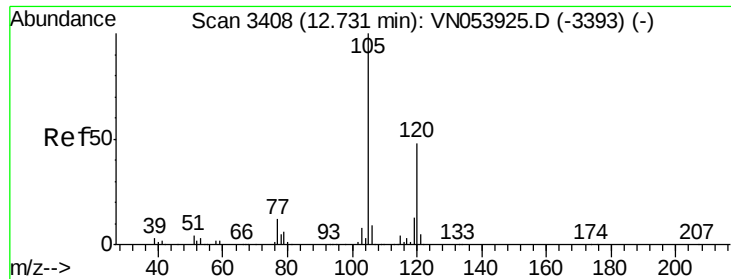
126 4.3 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

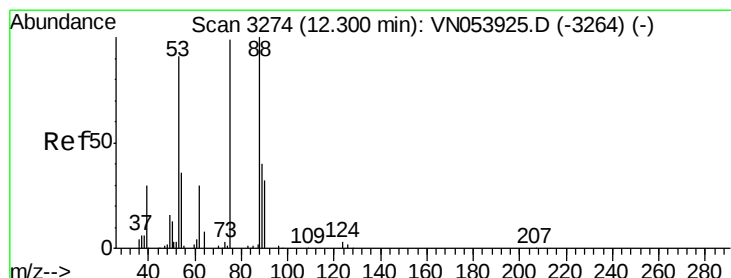
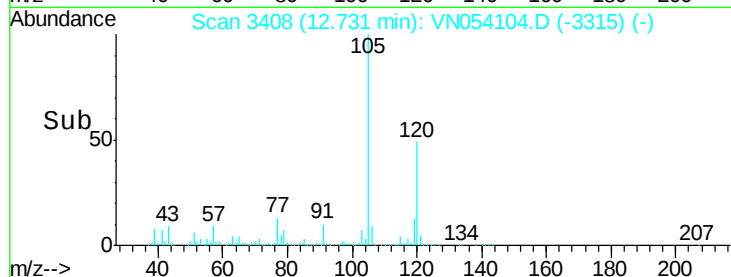
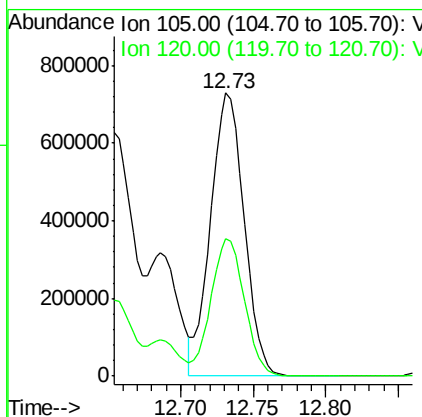
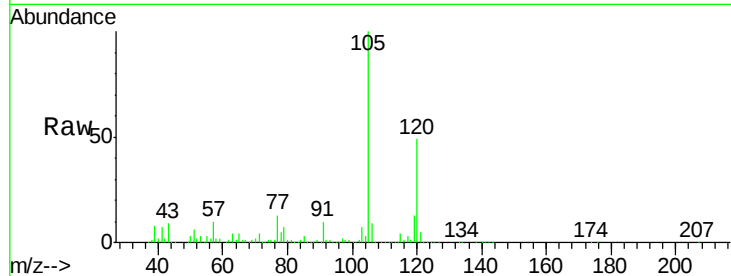




#80
 1,3,5-Trimethylbenzene
 Concen: 39.620 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN054104.D
 Acq: 5 Mar 2019 17:28

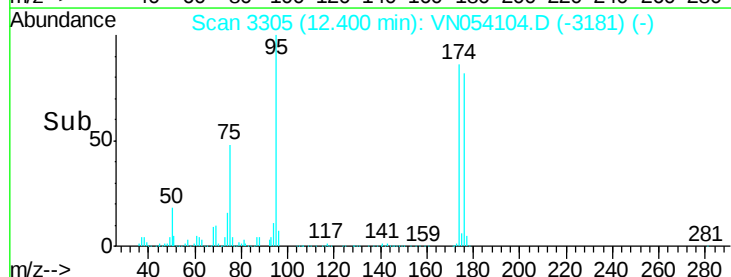
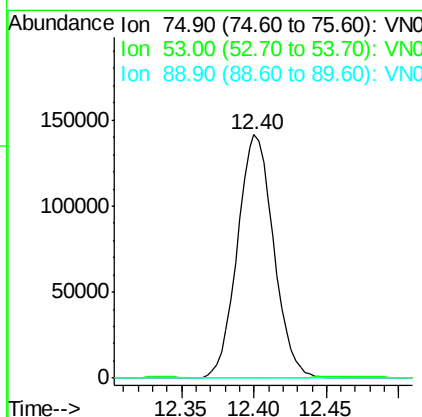
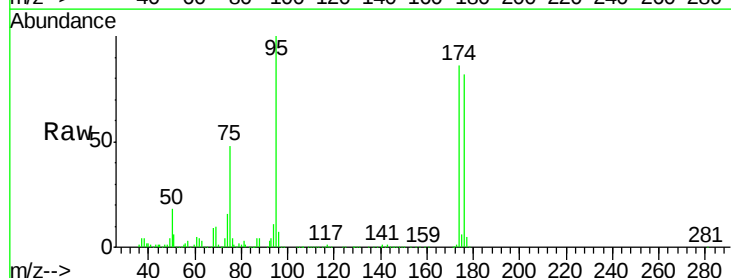
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-1

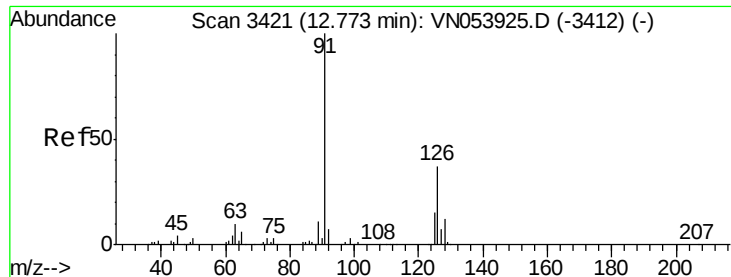
Tot Ion:105 Resp: 1168822
 Ion Ratio Lower Upper
 105 100
 120 48.5 25.1 75.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.535 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN054104.D
 Acq: 5 Mar 2019 17:28

Tgt Ion: 75 Resp: 245611
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.6 102.8#
 89 0.2 35.3 52.9#





#82

4-Chlorotoluene

Concen: 5.006 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

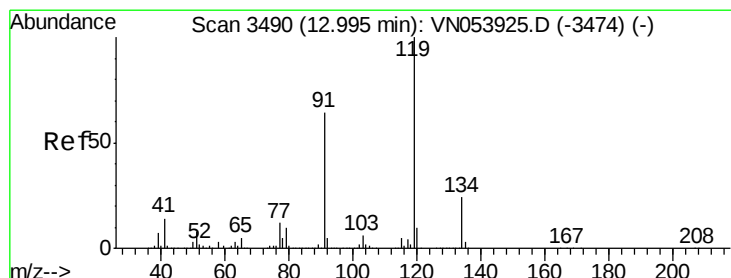
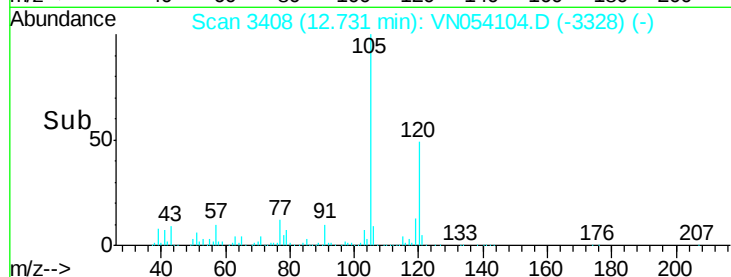
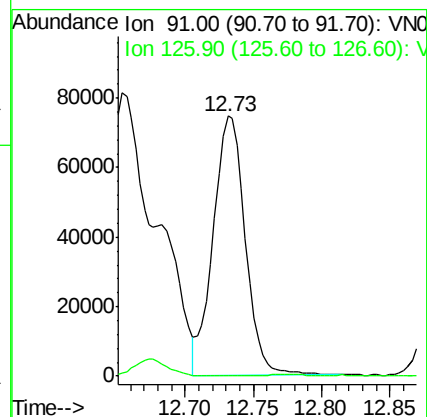
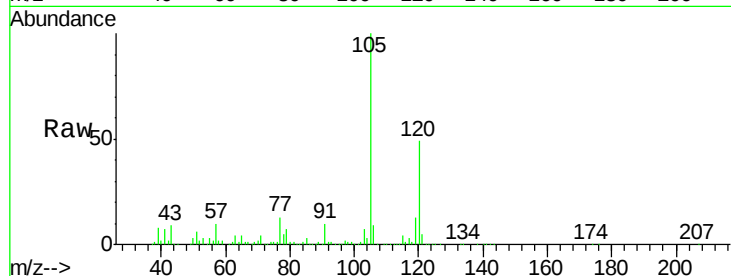
DUP-1

Tot Ion: 91 Resp: 121796

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#



#83

tert-Butylbenzene

Concen: 2.146 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

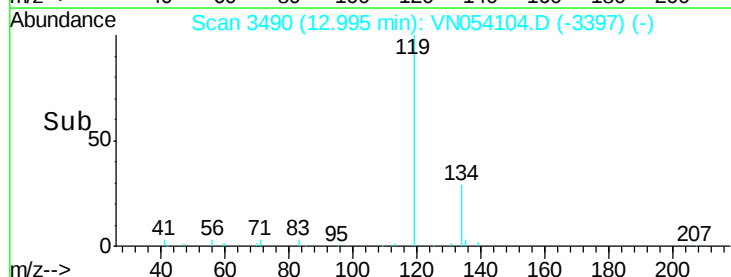
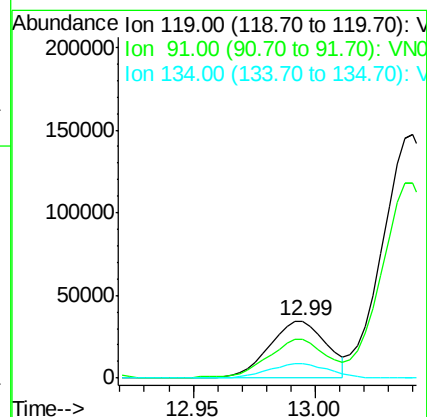
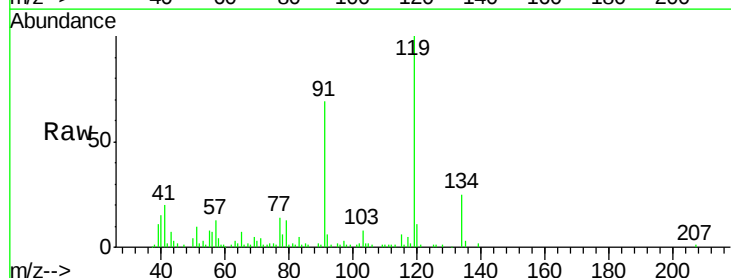
Tgt Ion: 119 Resp: 55998

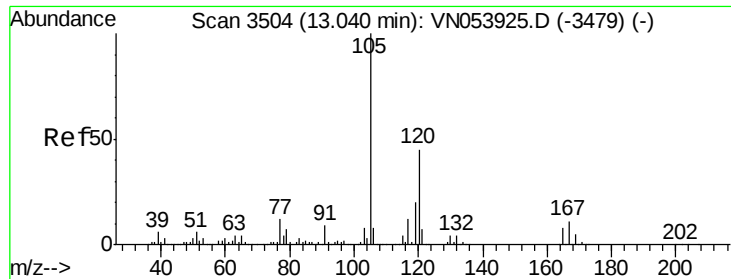
Ion Ratio Lower Upper

119 100

91 68.2 30.6 91.8

134 27.0 13.0 39.0

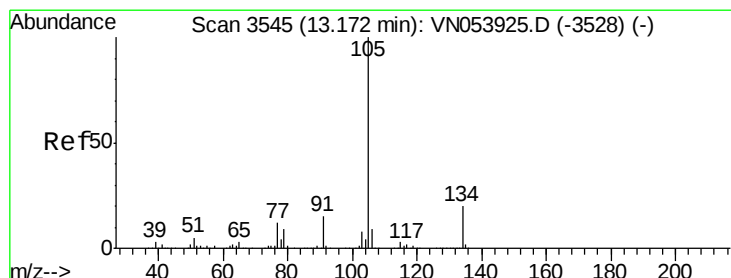
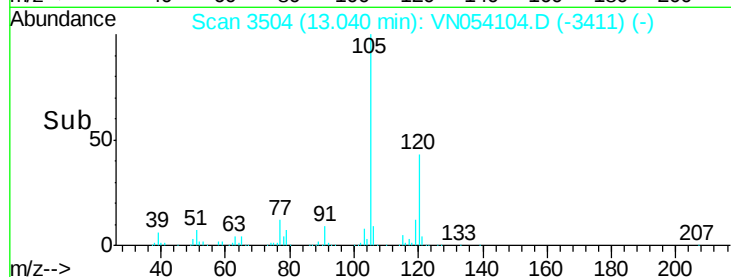
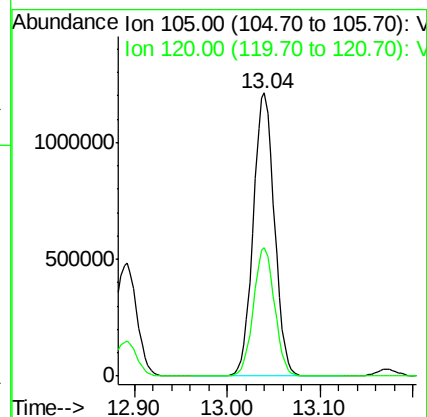
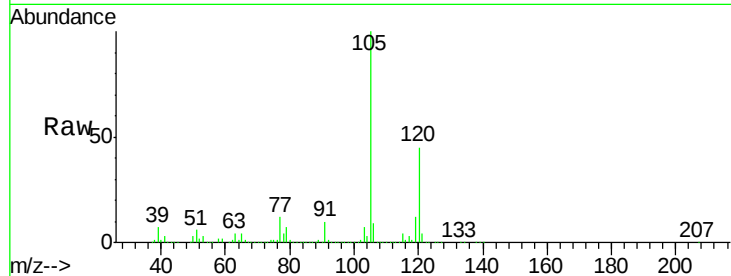




#84
 1,2,4-Trimethylbenzene
 Concen: 64.909 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054104.D
 Acq: 5 Mar 2019 17:28

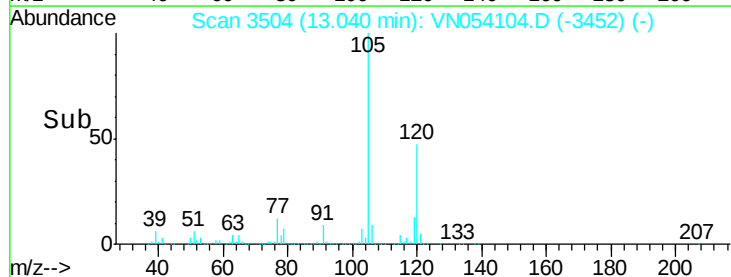
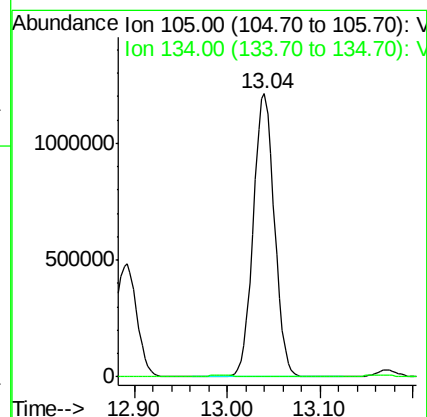
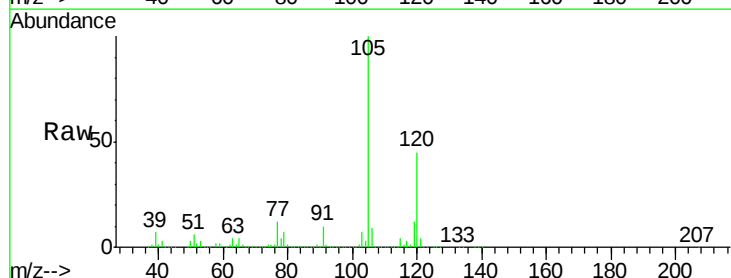
Instrument :
 MSVOA_N
 ClientSampled :
 DUP-1

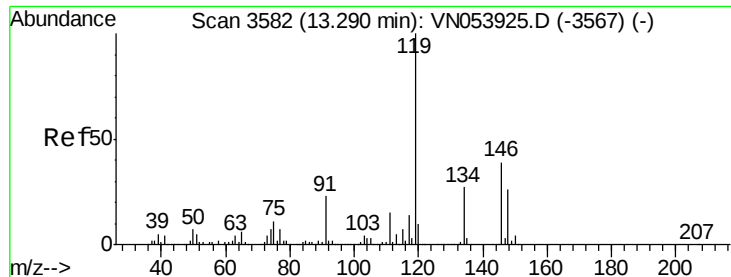
Tot Ion:105 Resp: 1911695
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.2 69.5



#85
 sec-Butylbenzene
 Concen: 53.644 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN054104.D
 Acq: 5 Mar 2019 17:28

Tgt Ion:105 Resp: 1911695
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

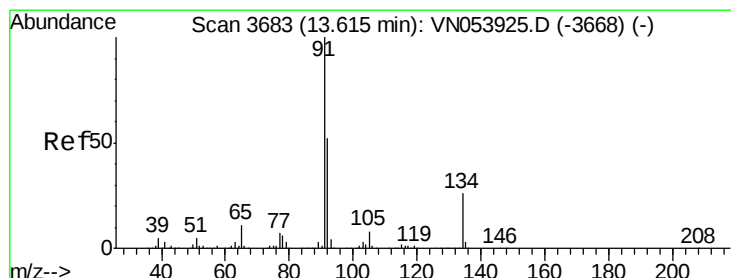
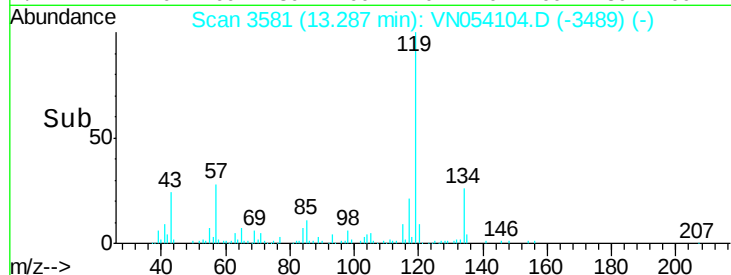
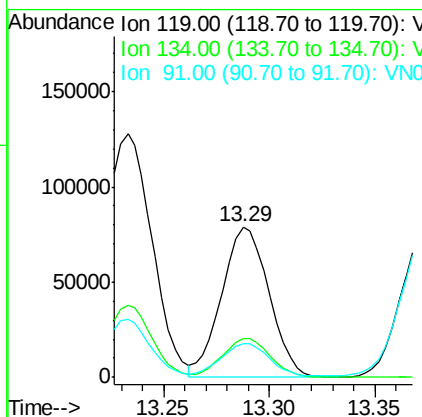
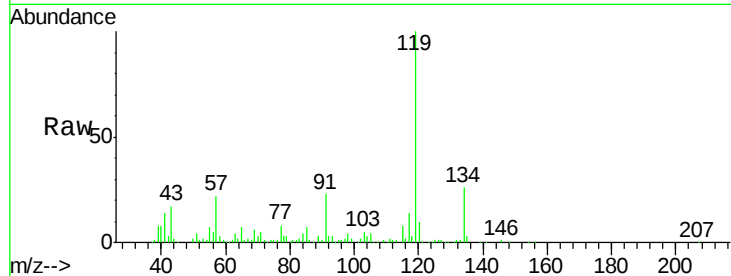




#86
p-Isopropyltoluene
Concen: 4.046 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. -0.00 min
Lab File: VN054104.D
Acq: 5 Mar 2019 17:28

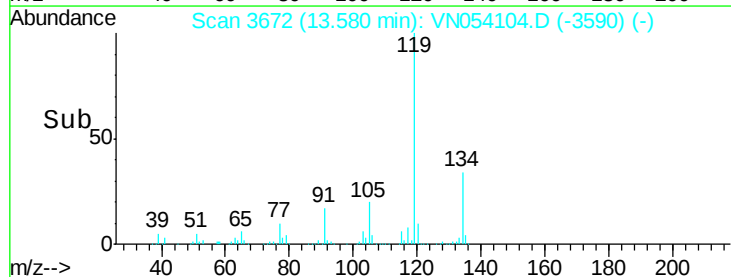
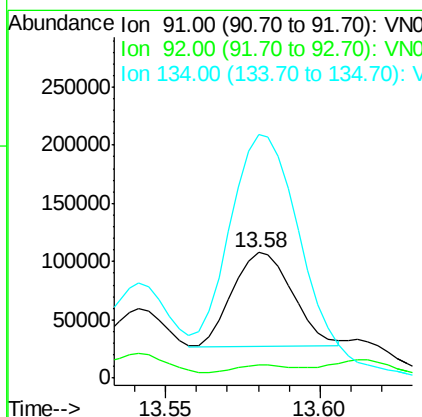
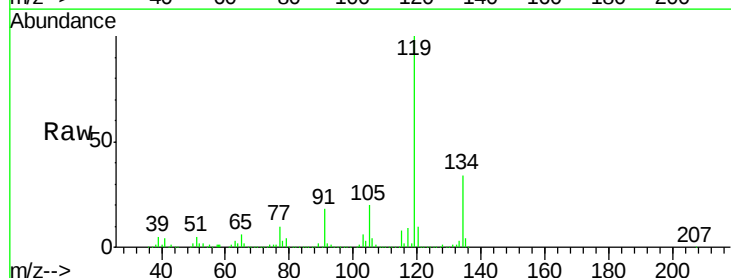
Instrument :
MSVOA_N
ClientSampleId :
DUP-1

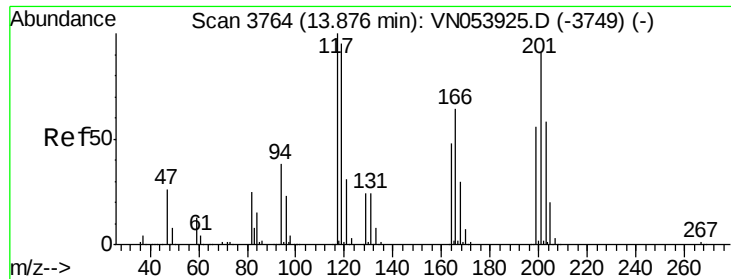
Tot Ion:119 Resp: 121903
Ion Ratio Lower Upper
119 100
134 25.8 13.5 40.4
91 21.6 10.9 32.6



#89
n-Butylbenzene
Concen: 4.305 ug/l
RT: 13.58 min Scan# 3672
Delta R.T. -0.04 min
Lab File: VN054104.D
Acq: 5 Mar 2019 17:28

Tgt Ion: 91 Resp: 109298
Ion Ratio Lower Upper
91 100
92 13.7 26.1 78.2#
134 327.6 13.6 40.8#





#90

Hexachloroethane

Concen: 11.653 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

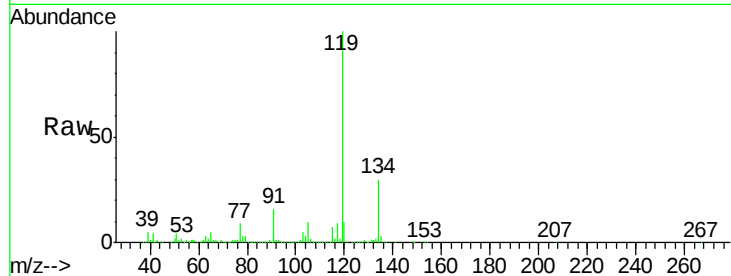
DUP-1

Tot Ion:117 Resp: 68031

Ion Ratio Lower Upper

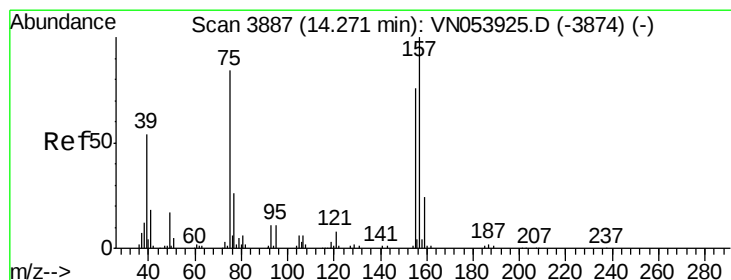
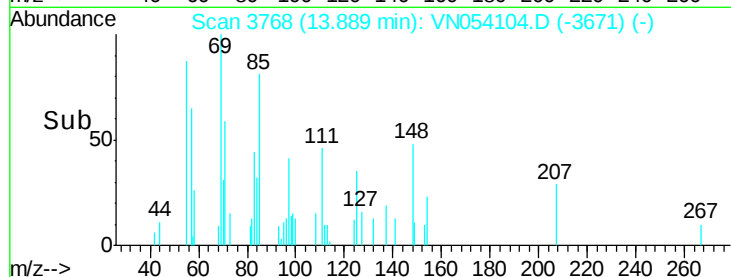
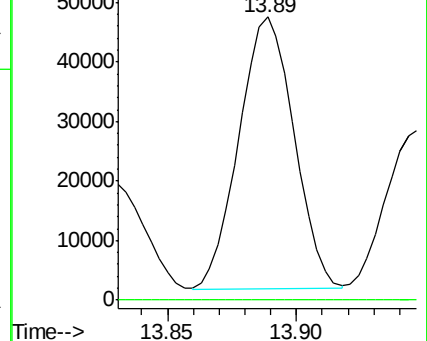
117 100

201 0.0 48.0 144.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.002 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.03 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

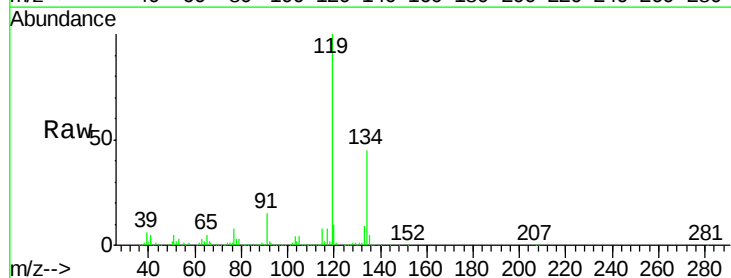
Tgt Ion: 75 Resp: 5096

Ion Ratio Lower Upper

75 100

155 0.0 49.5 148.5#

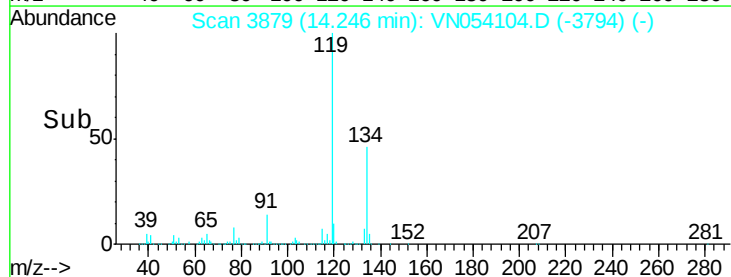
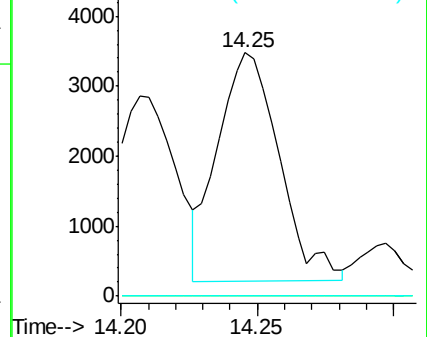
157 0.0 64.8 194.6#

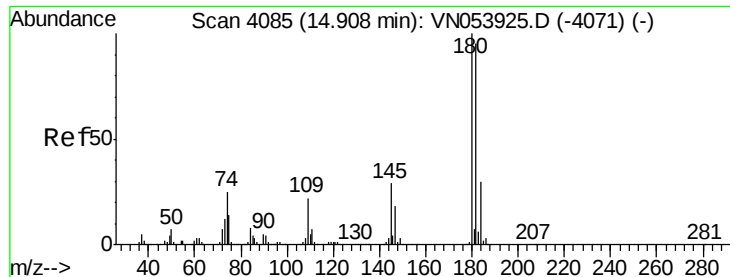


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 2.278 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

DUP-1

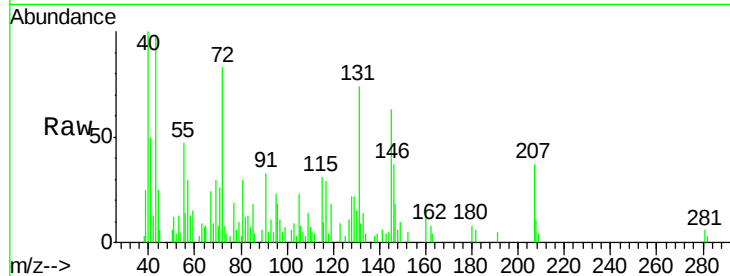
Tot Ion:180 Resp: 495

Ion Ratio Lower Upper

180 100

182 108.3 48.6 145.9

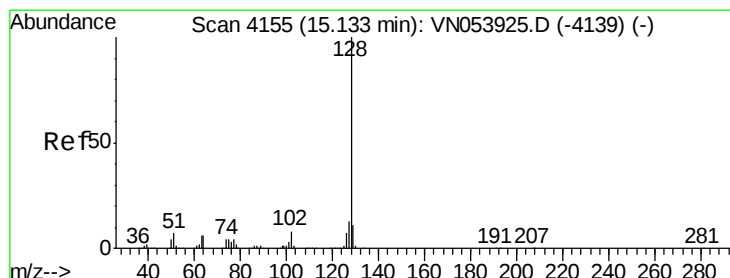
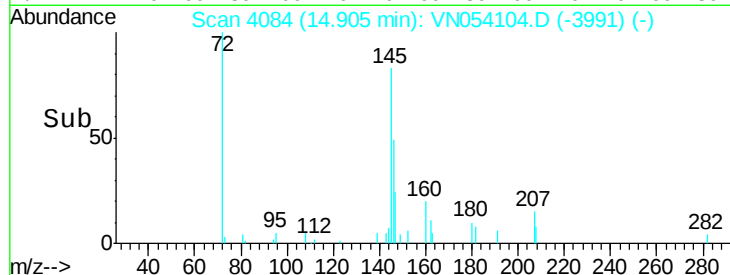
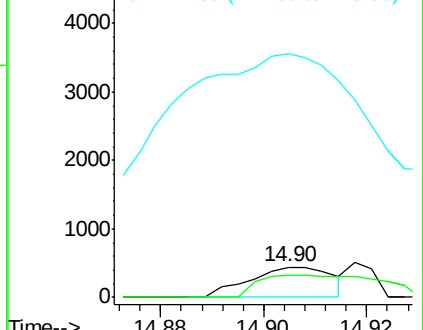
145 1990.1 13.8 41.3#



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: 15.647 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054104.D

Acq: 5 Mar 2019 17:28

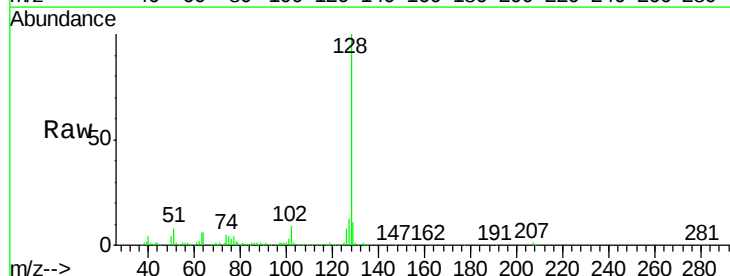
Tgt Ion:128 Resp: 243577

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

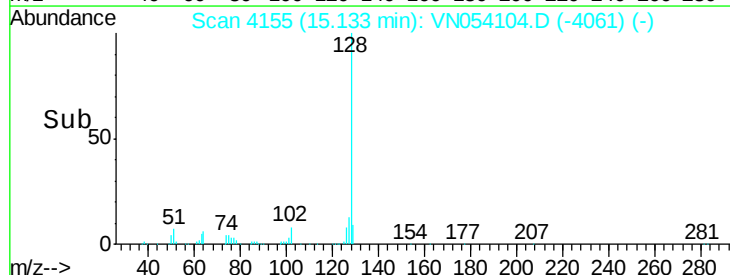
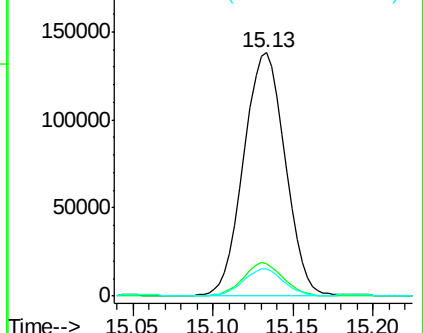
129 10.4 8.6 12.8

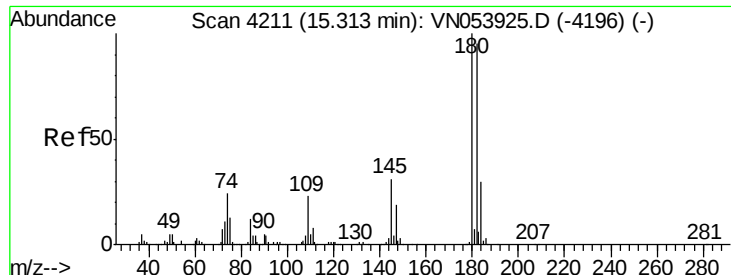


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

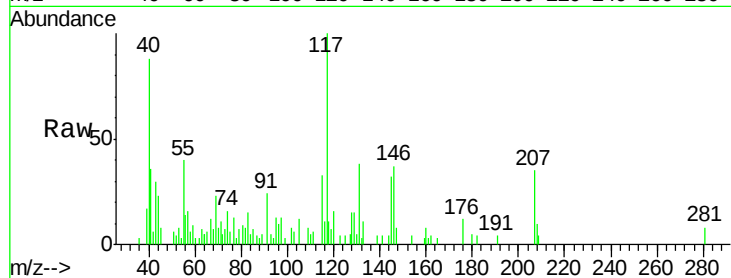




#96
 1,2,3-Trichlorobenzene
 Concen: 1.588 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. -0.01 min
 Lab File: VN054104.D
 Acq: 5 Mar 2019 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-1

Tot Ion	Ratio	Lower	Upper
180	100		
182	56.0	47.3	141.8
145	802.0	14.4	43.0



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

