

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054808.D
 Acq On : 30 Mar 2019 17:45
 Operator : JC/SP
 Sample : K2176-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 30 22:42:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	526757	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	857610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	725195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	310451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	354826	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	7.59	113	278803	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	10.09	98	1017284	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
62) 4-Bromofluorobenzene	12.40	95	337303	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.58	94	88	Below Cal	#	2
13) Acrolein	3.64	56	101	0.305	ug/l #	70
16) Acetone	3.82	43	4072	2.405	ug/l	91
17) Carbon Disulfide	4.04	76	3385	0.252	ug/l #	74
18) Methyl Acetate	4.32	43	542	Below Cal	#	49
20) Methylene Chloride	4.55	84	1905	0.319	ug/l	88
31) Cyclohexane	7.67	56	12932	Below Cal	#	22
36) 1,1-Dichloropropene	7.66	75	39978	5.003	ug/l #	48
38) Carbon Tetrachloride	7.67	117	48282	6.221	ug/l #	17
39) Methylcyclohexane	9.09	83	2553	0.291	ug/l #	81
40) Benzene	8.04	78	240082	10.499	ug/l	96
42) 1,2-Dichloroethane	8.05	62	2627	0.322	ug/l	87
52) Toluene	10.16	92	13230	0.972	ug/l	98
67) Ethyl Benzene	11.51	91	161378	6.298	ug/l	95
68) m/p-Xylenes	11.63	106	39126	4.126	ug/l	94
69) o-Xylene	11.95	106	25095	2.699	ug/l	90
71) Bromoform	12.40	173	2450	0.787	ug/l #	1
73) Isopropylbenzene	12.25	105	25322	0.998	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.52	83	29	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	170893	31.686	ug/l #	100
77) Bromobenzene	12.52	156	1949	0.318	ug/l #	1
78) n-propylbenzene	12.59	91	10067	0.361	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	18924	0.909	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	170893	123.252	ug/l #	11
83) tert-Butylbenzene	13.00	119	1337	Below Cal	#	33
84) 1,2,4-Trimethylbenzene	13.04	105	90853	4.580	ug/l	97
85) sec-Butylbenzene	13.04	105	90853	4.017	ug/l #	55
86) p-Isopropyltoluene	13.29	119	5250	0.263	ug/l #	74
89) n-Butylbenzene	13.54	91	74675	4.588	ug/l #	42
90) Hexachloroethane	13.89	117	2145	0.633	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.28	75	2869	3.307	ug/l #	1
94) Hexachlorobutadiene	15.01	225	67	Below Cal	#	19
95) Naphthalene	15.13	128	3694199	330.165	ug/l	99

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QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

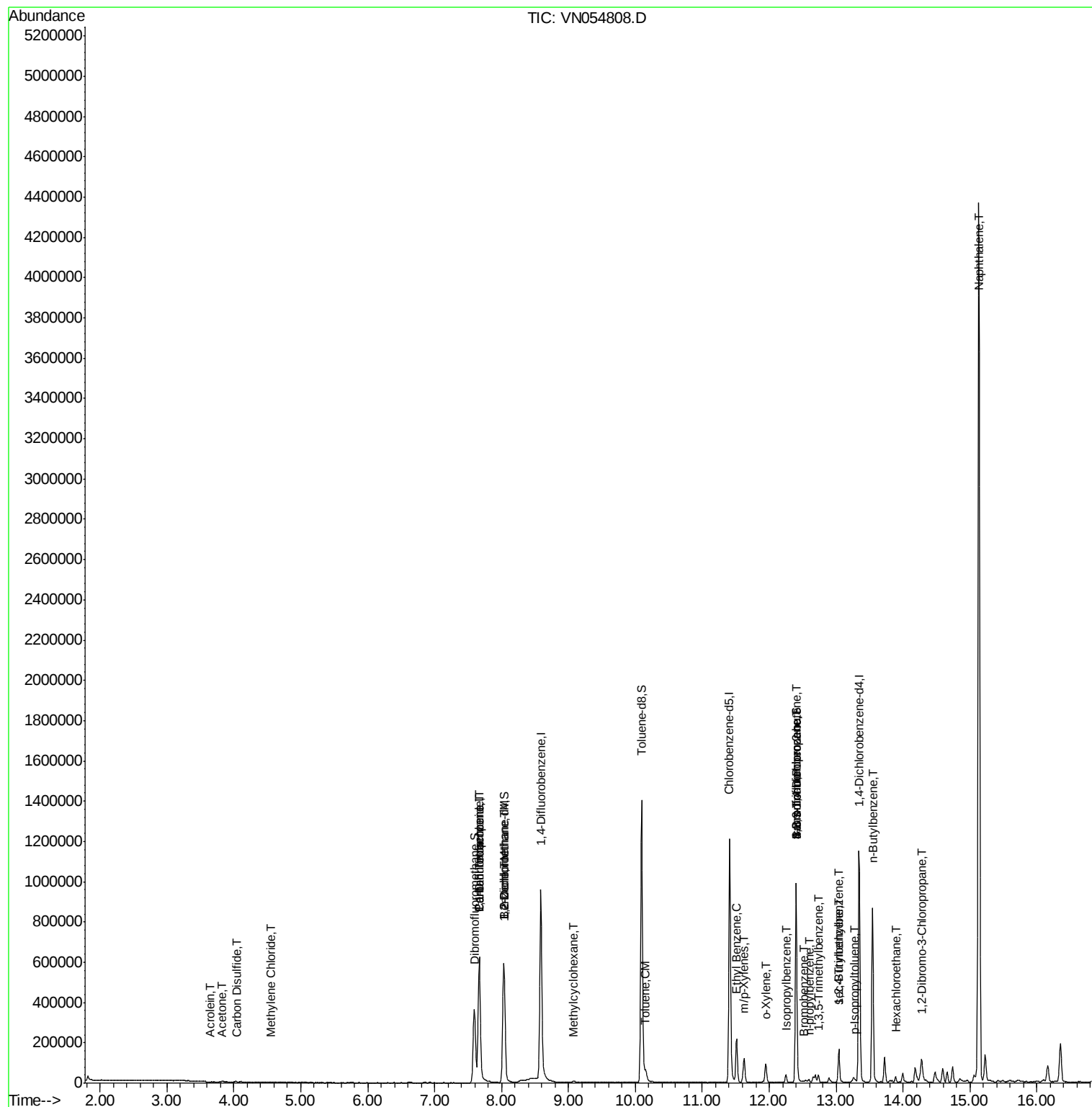
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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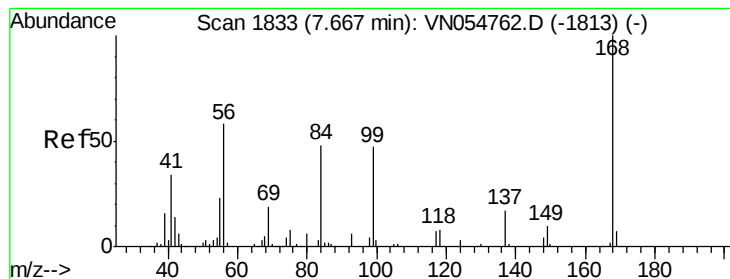
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN054808.D
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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: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

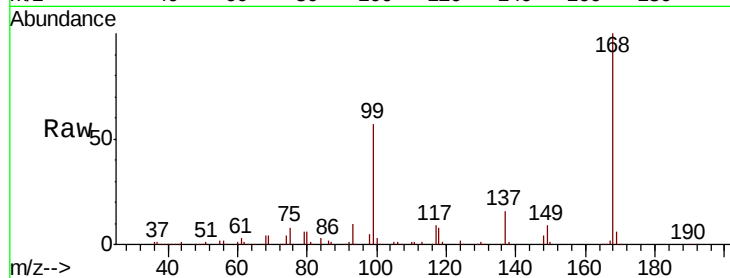
ClientSampled :

Tot Ion:168 Resp: 526757

Ion Ratio Lower Upper

168 100

99 56.6 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): VN054808.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054808.D (-1740) (-)

7.67

250000

200000

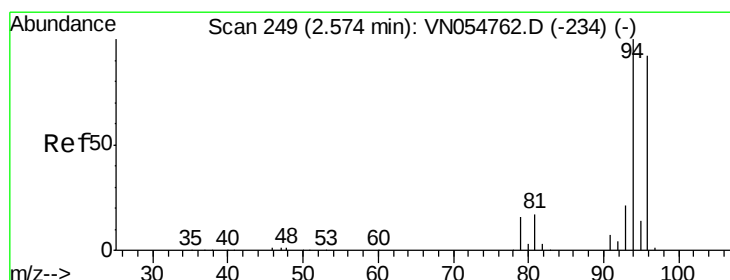
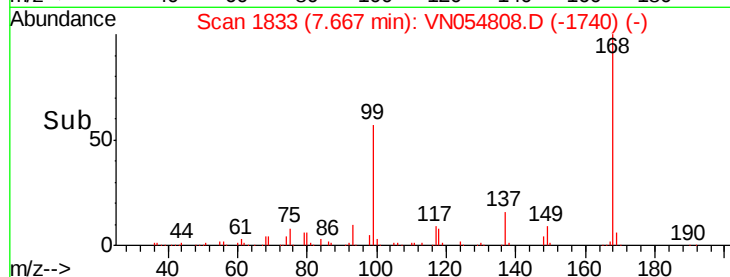
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 251

Delta R.T. 0.01 min

Lab File: VN054808.D

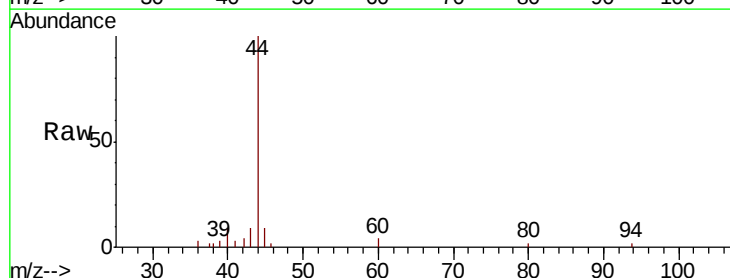
Acq: 30 Mar 2019 17:45

Tgt Ion: 94 Resp: 88

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN054808.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VN054808.D (-156) (-)

2.58

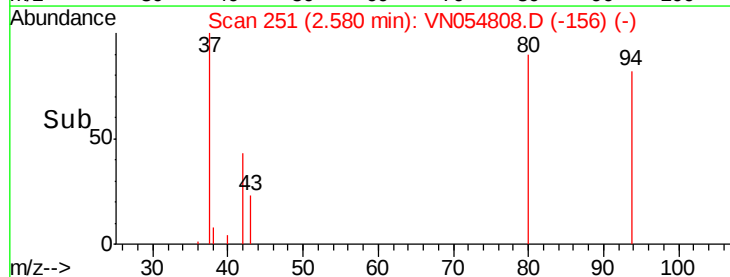
150

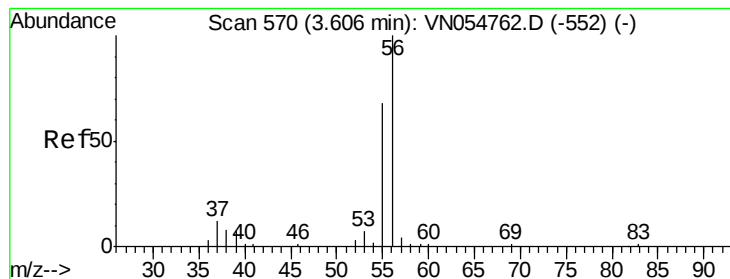
100

50

0

Time-->





#13

Acrolein

Concen: 0.305 ug/l

RT: 3.64 min Scan# 580

Delta R.T. 0.03 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

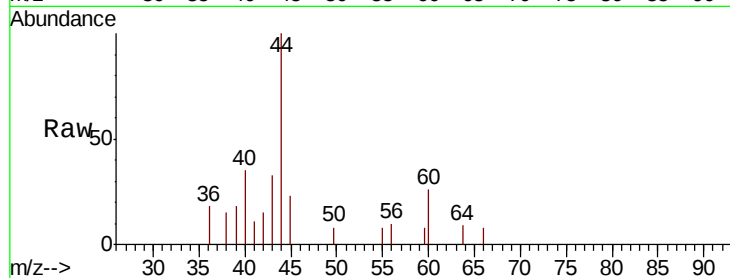
ClientSampled :

Tot Ion: 56 Resp: 101

Ion Ratio Lower Upper

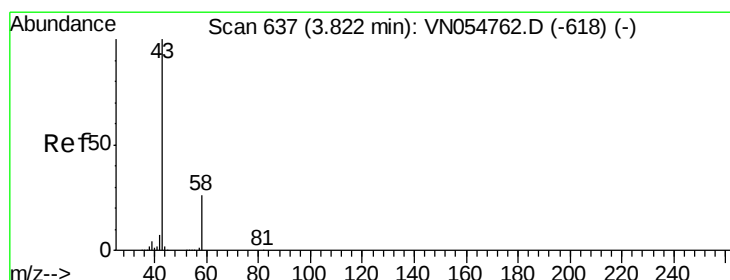
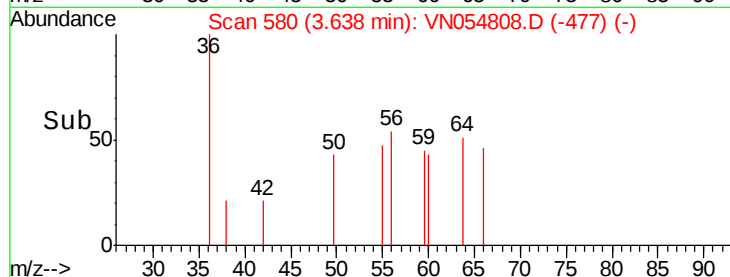
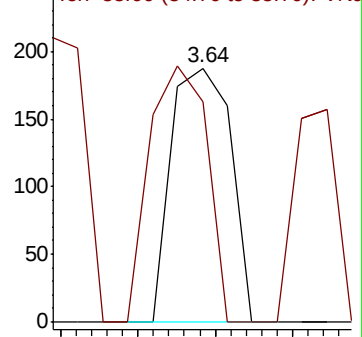
56 100

55 96.0 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 2.405 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054808.D

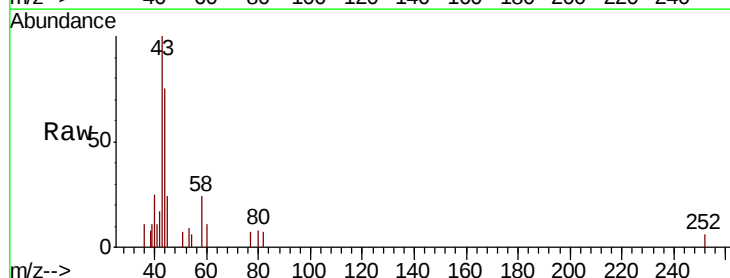
Acq: 30 Mar 2019 17:45

Tgt Ion: 43 Resp: 4072

Ion Ratio Lower Upper

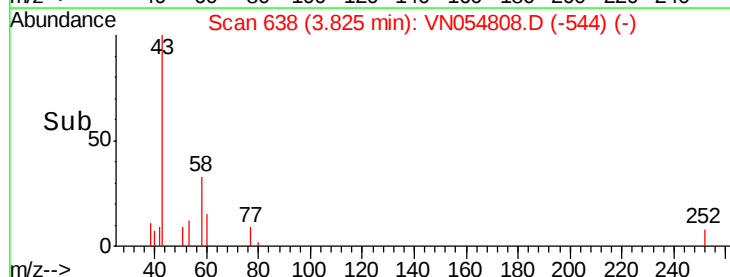
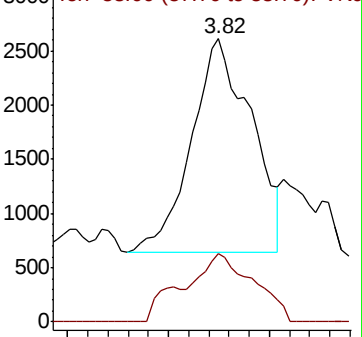
43 100

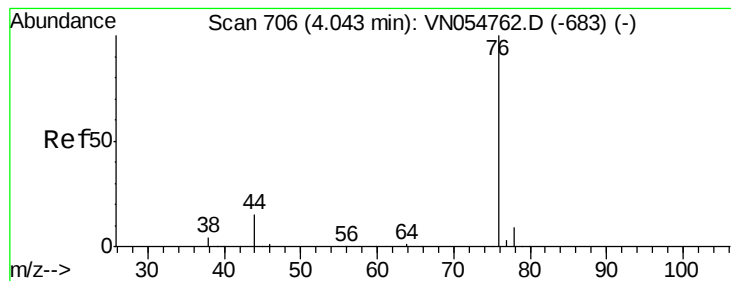
58 31.9 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.252 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.01 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

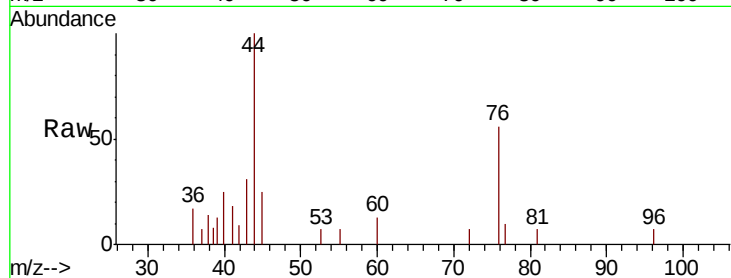
ClientSampled :

Tot Ion: 76 Resp: 3385

Ion Ratio Lower Upper

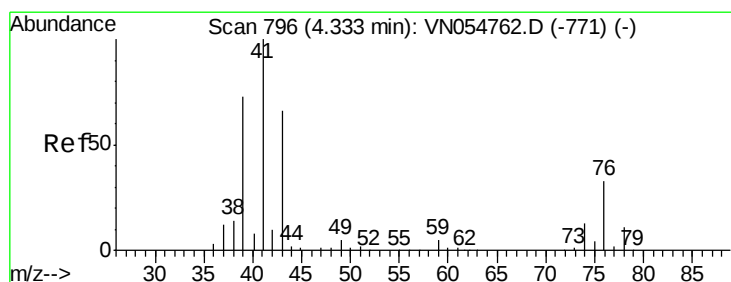
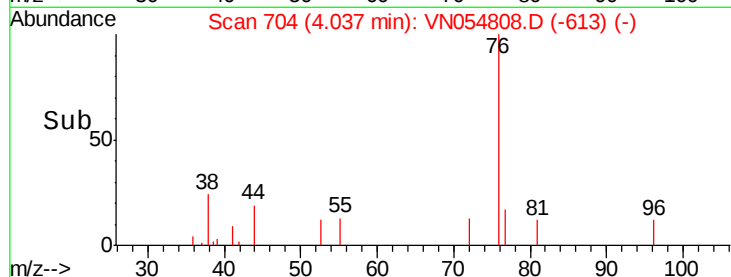
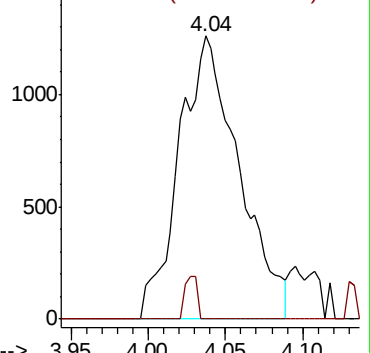
76 100

78 0.0 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: Below Cal

RT: 4.32 min Scan# 792

Delta R.T. -0.01 min

Lab File: VN054808.D

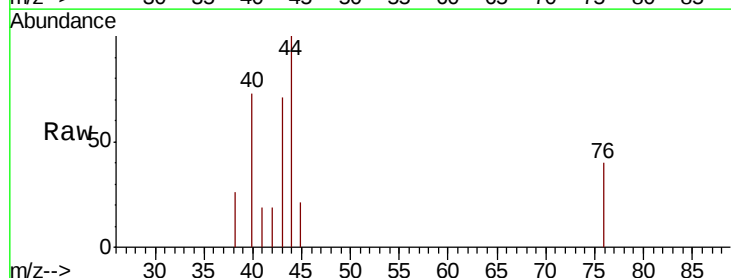
Acq: 30 Mar 2019 17:45

Tgt Ion: 43 Resp: 542

Ion Ratio Lower Upper

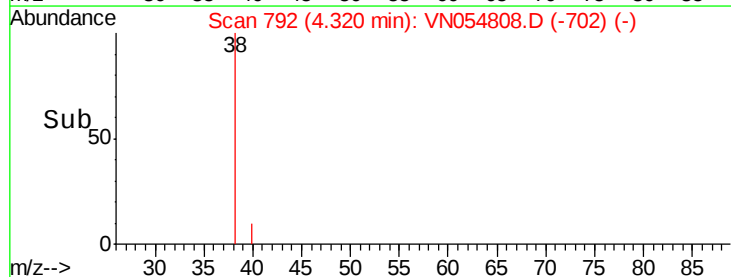
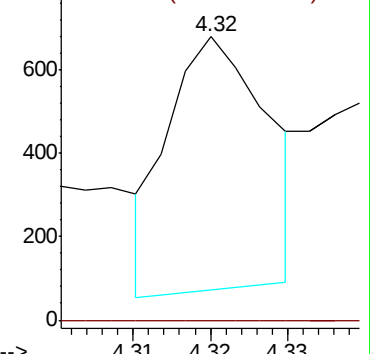
43 100

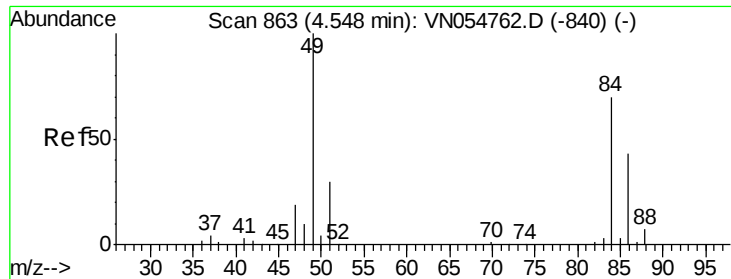
74 0.0 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

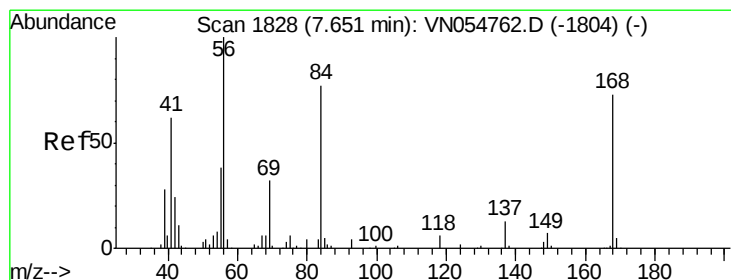
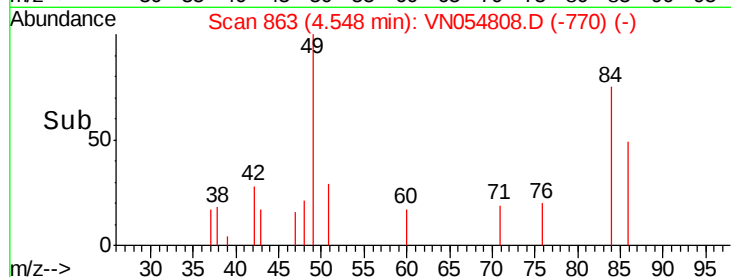
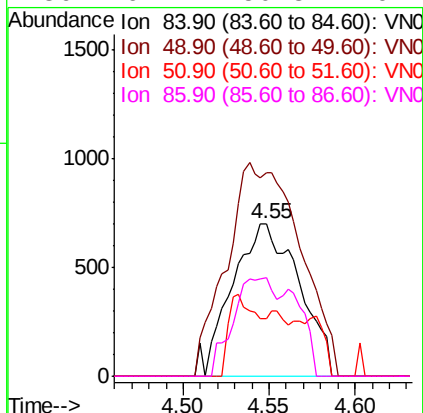
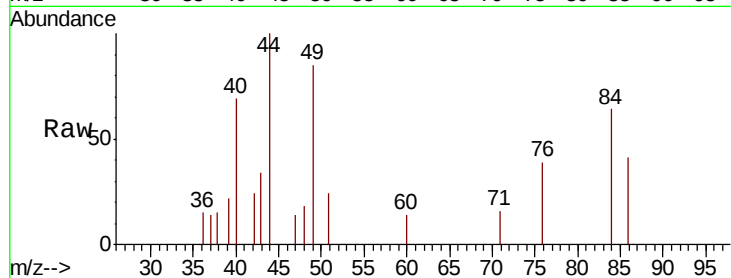




#20
Methvlene Chloride
Concen: 0.319 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

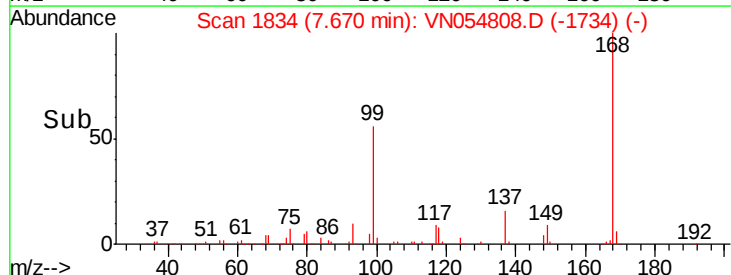
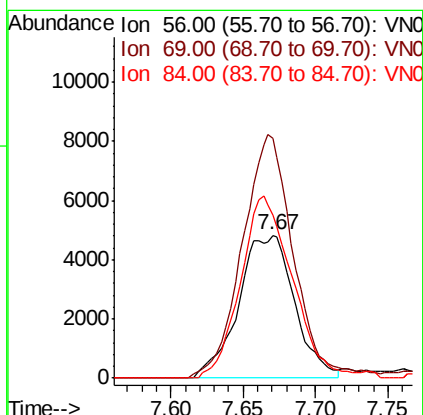
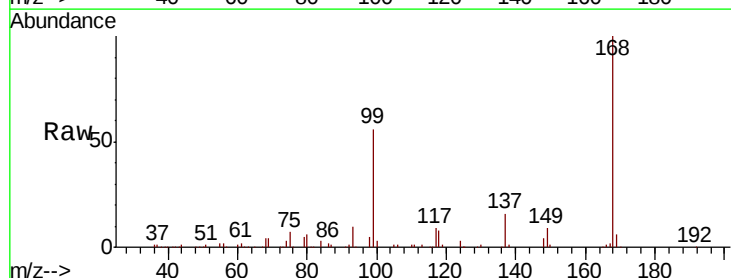
Instrument :
MSVOA_N
ClientSampled :

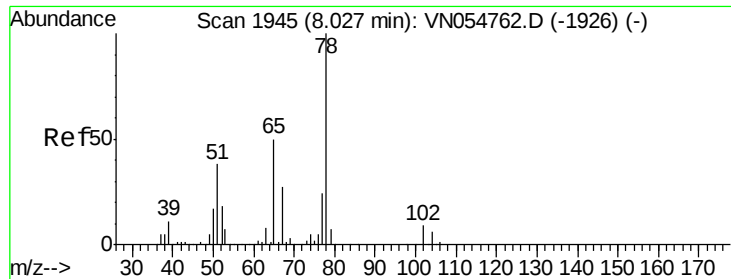
Tot Ion:	84	Resp:	1905
Ion	Ratio	Lower	Upper
84	100		
49	132.7	89.7	134.5
51	38.0	28.2	42.4
86	64.7	50.8	76.2



#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Tgt Ion:	56	Resp:	12932
Ion	Ratio	Lower	Upper
56	100		
69	167.6	27.8	41.6#
84	114.5	74.6	111.8#

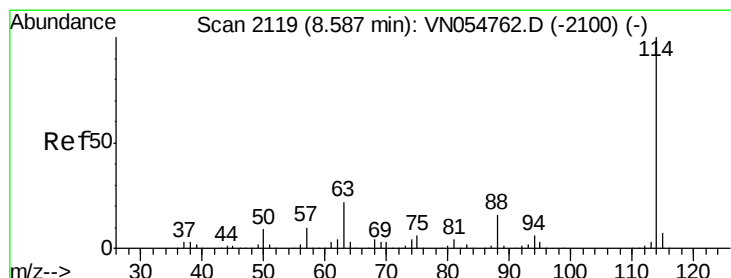
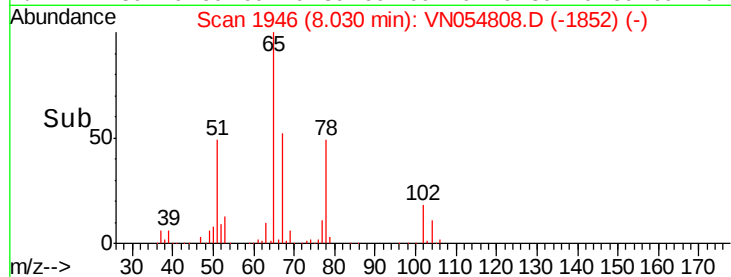
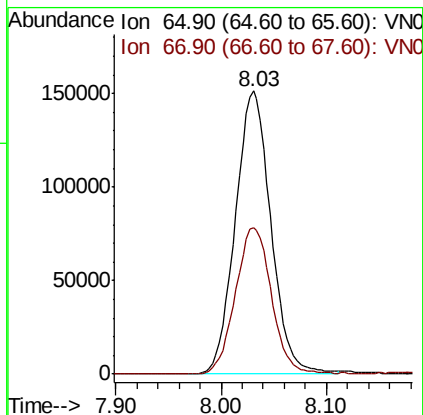
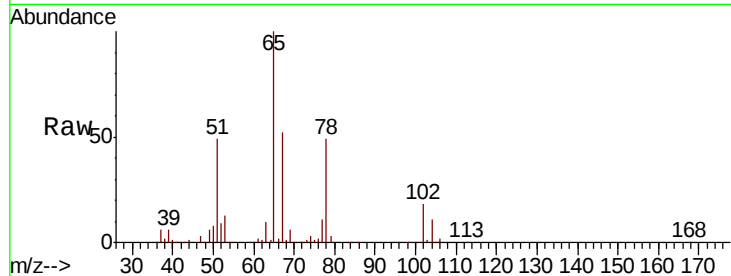




#33
 1,2-Dichloroethane-d4
 Concen: 49.970 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054808.D
 Acq: 30 Mar 2019 17:45

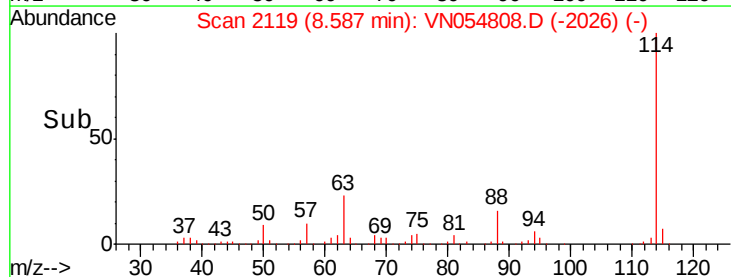
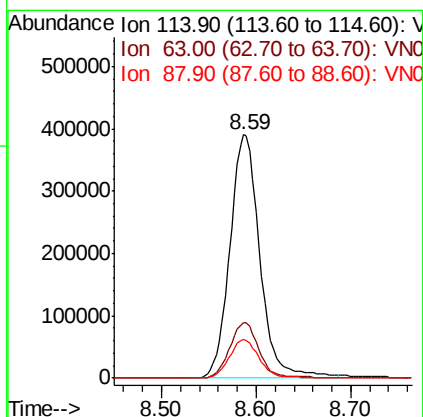
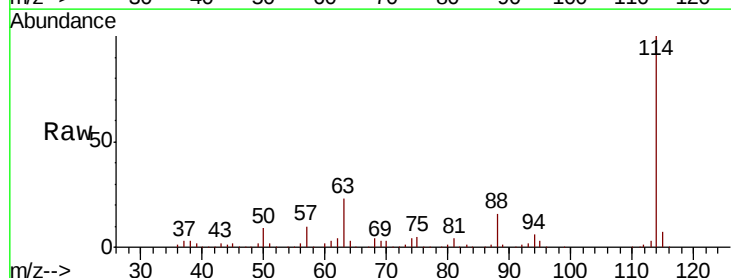
Instrument :
 MSVOA_N
 ClientSampleId :

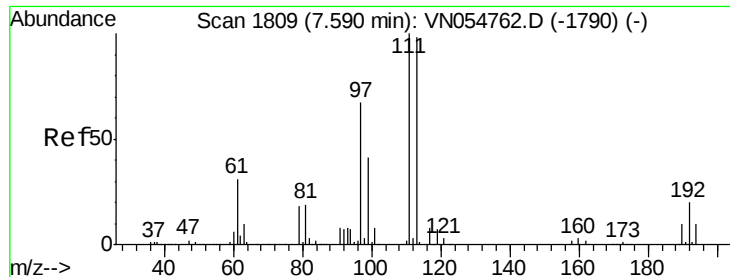
Tot Ion: 65 Resp: 354826
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054808.D
 Acq: 30 Mar 2019 17:45

Tgt Ion: 114 Resp: 857610
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 35.2
 88 16.0 0.0 30.2

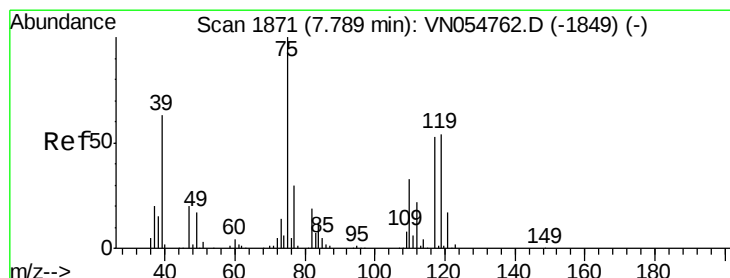
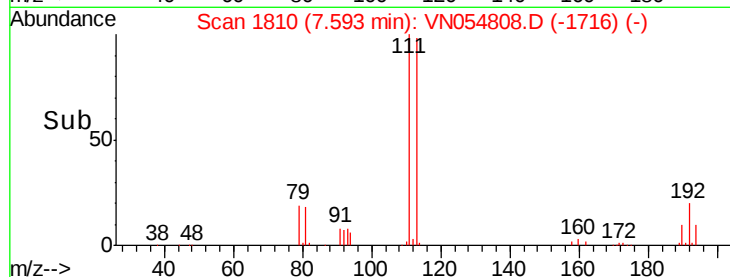
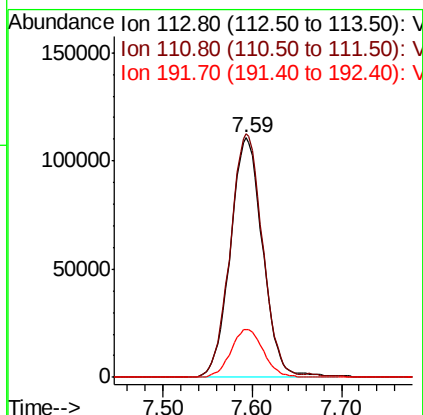
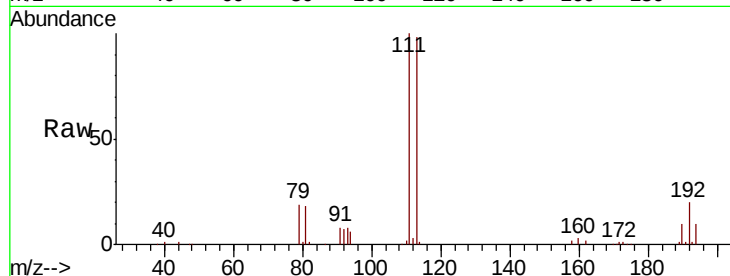




#35
 Dibromofluoromethane
 Concen: 48.762 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054808.D
 Acq: 30 Mar 2019 17:45

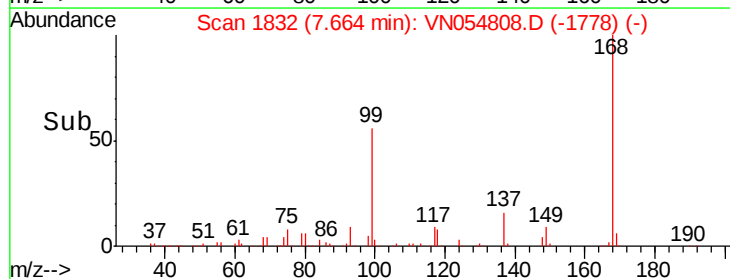
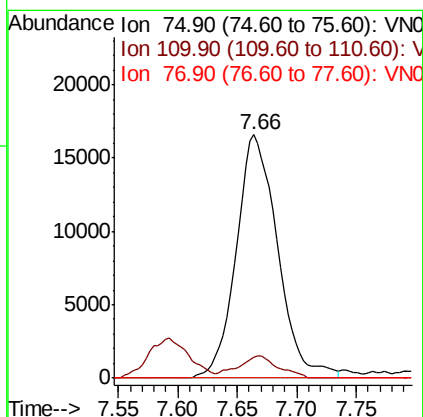
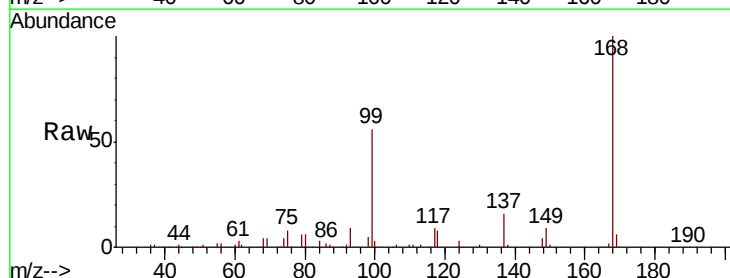
Instrument :
 MSVOA_N
 ClientSampled :

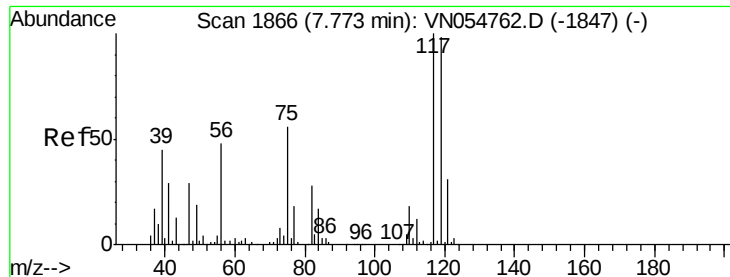
Tot Ion:113 Resp: 278803
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.2 123.4
 192 20.1 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 5.003 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054808.D
 Acq: 30 Mar 2019 17:45

Tgt Ion: 75 Resp: 39978
 Ion Ratio Lower Upper
 75 100
 110 8.8 19.1 57.5#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.221 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

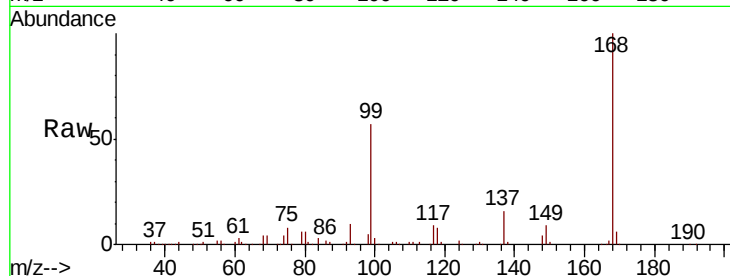
Tot Ion:117 Resp: 48282

Ion Ratio Lower Upper

117 100

119 5.6 76.3 114.5#

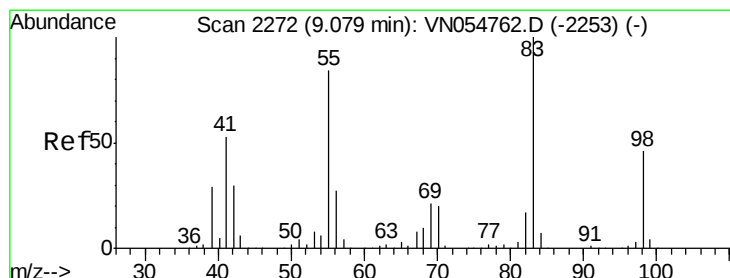
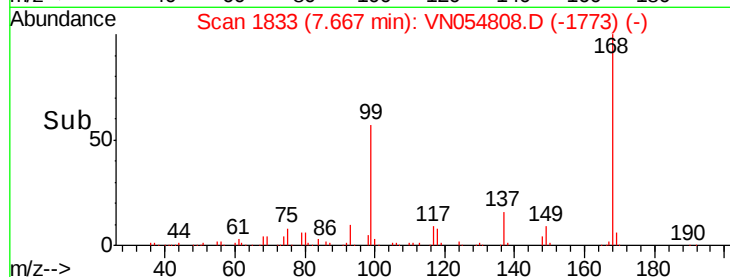
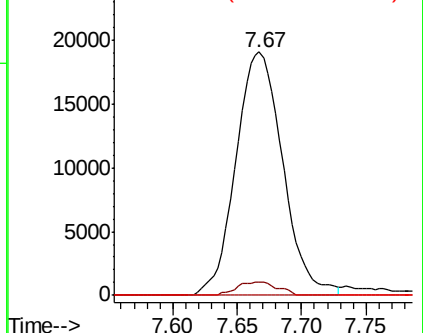
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.291 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.01 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

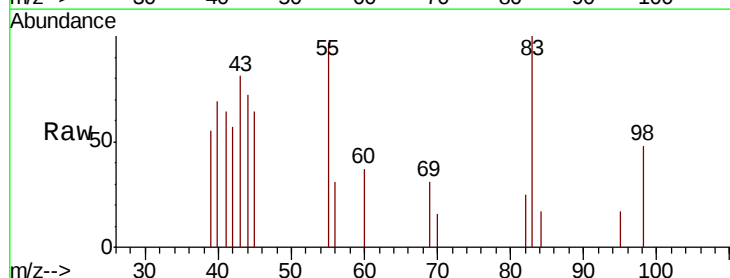
Tgt Ion: 83 Resp: 2553

Ion Ratio Lower Upper

83 100

55 96.6 56.6 84.8#

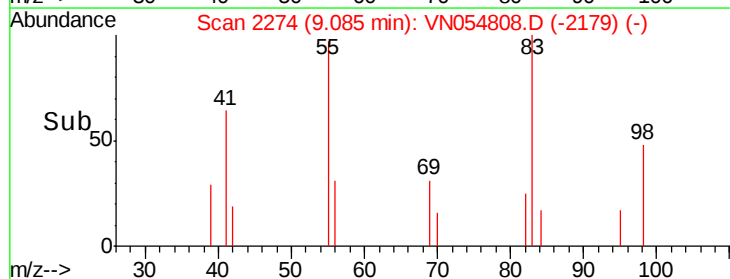
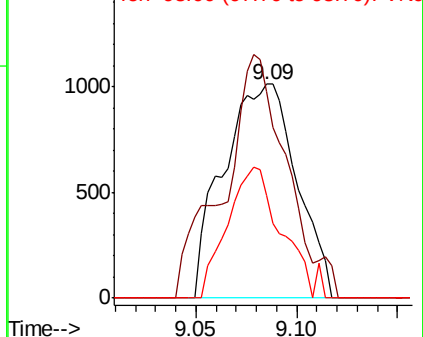
98 47.8 38.4 57.6

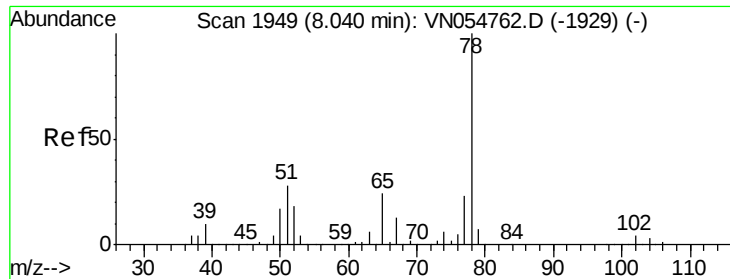


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 10.499 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

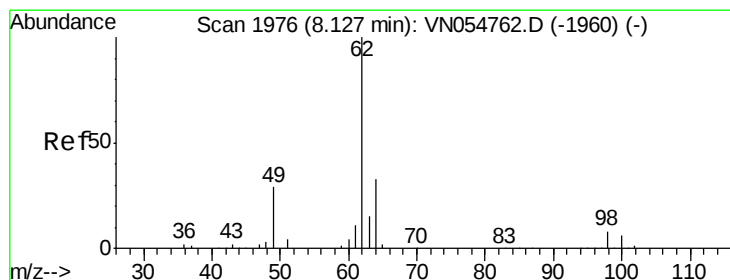
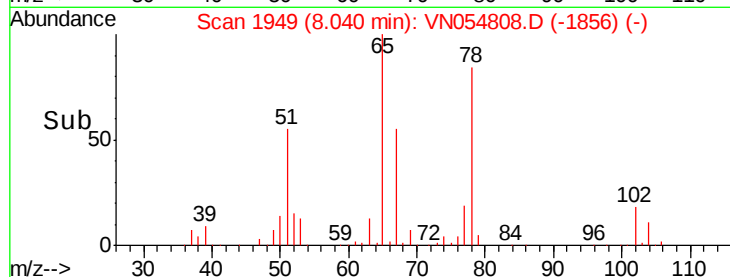
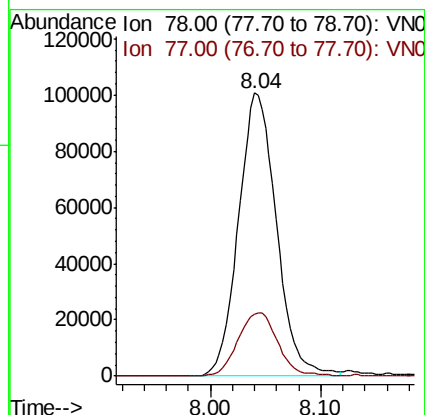
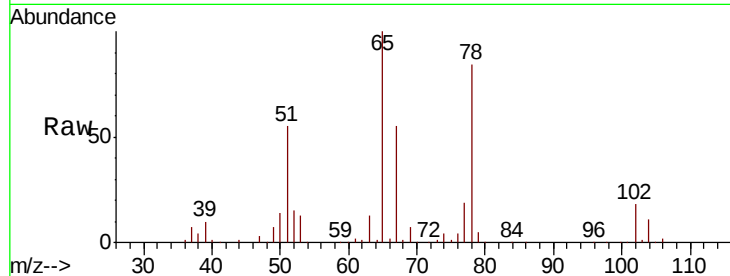
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 78 Resp: 240082

Ion Ratio Lower Upper

78 100

77 22.1 19.1 28.7



#42

1,2-Dichloroethane

Concen: 0.322 ug/l

RT: 8.05 min Scan# 1951

Delta R.T. -0.08 min

Lab File: VN054808.D

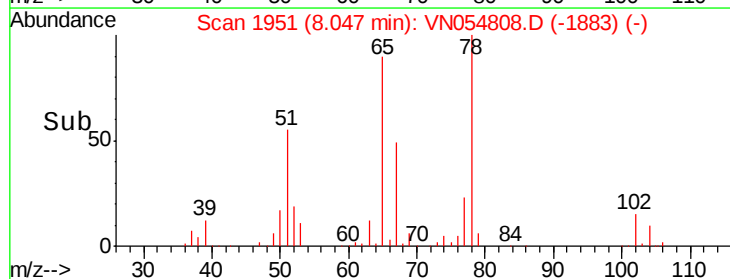
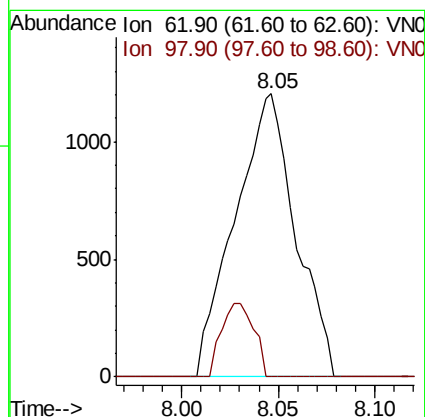
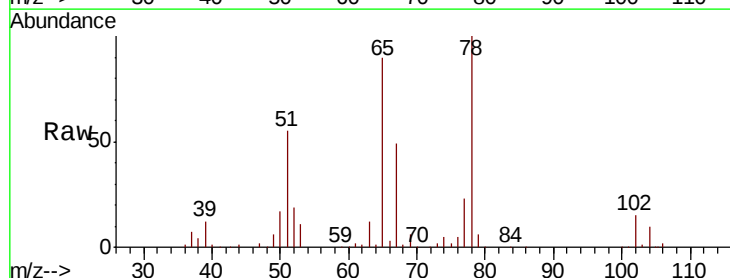
Acq: 30 Mar 2019 17:45

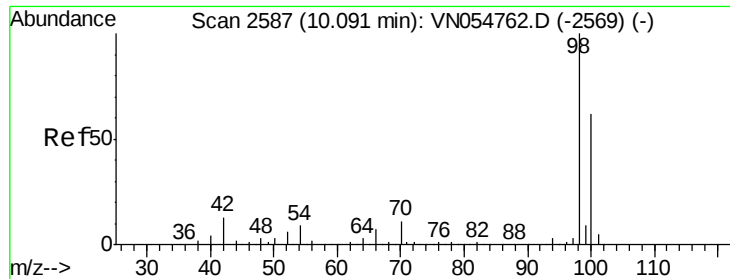
Tgt Ion: 62 Resp: 2627

Ion Ratio Lower Upper

62 100

98 13.8 0.0 18.4





#50

Toluene-d8

Concen: 47.857 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

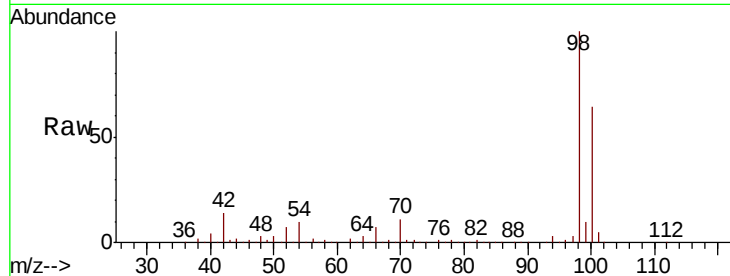
ClientSampled :

Tot Ion: 98 Resp: 1017284

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054762.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054762.D (-2569) (-)

10.09

500000

400000

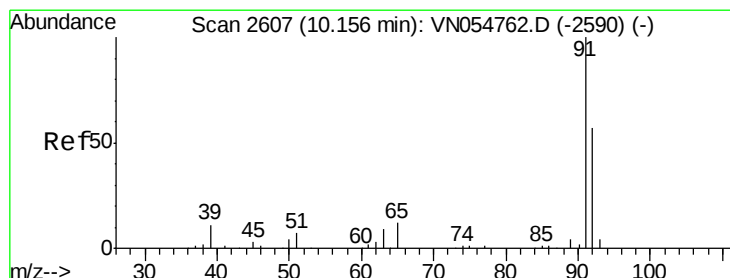
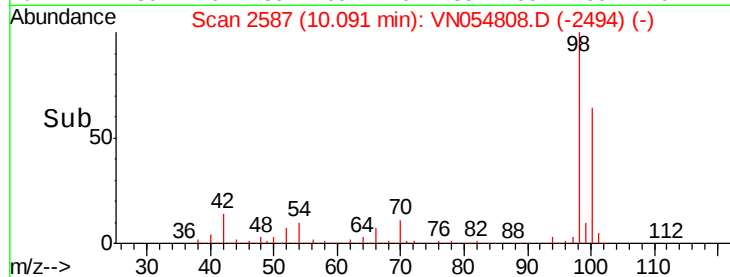
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 0.972 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054808.D

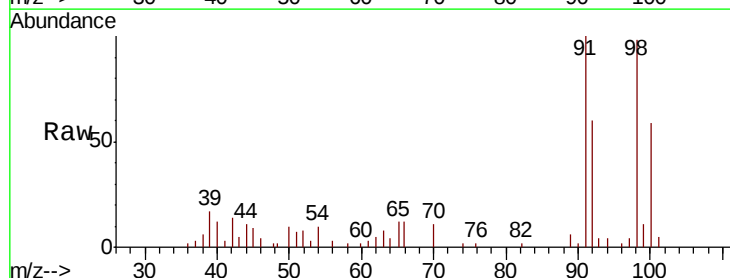
Acq: 30 Mar 2019 17:45

Tgt Ion: 92 Resp: 13230

Ion Ratio Lower Upper

92 100

91 172.6 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN054762.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN054762.D (-2590) (-)

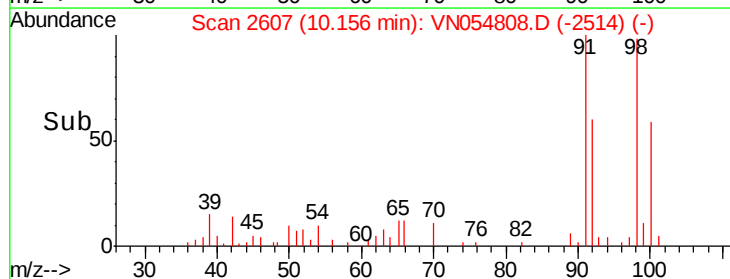
10.16

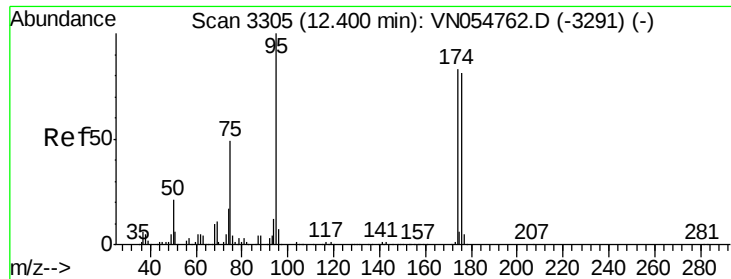
10000

5000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 47.712 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

ClientSampled :

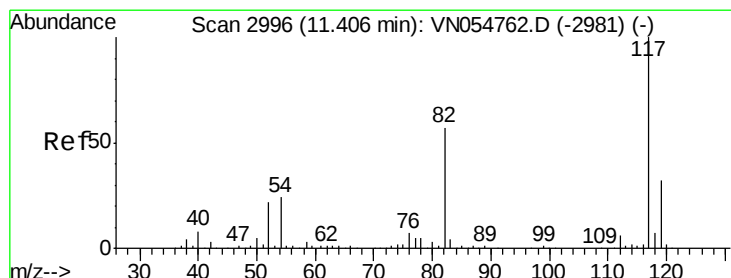
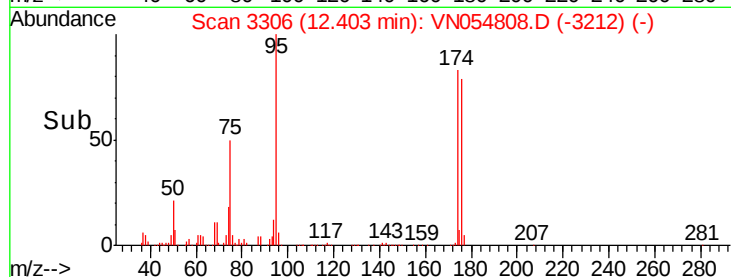
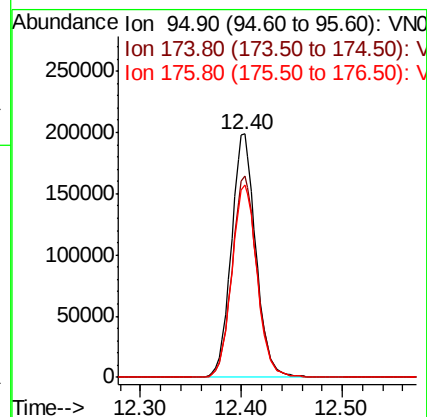
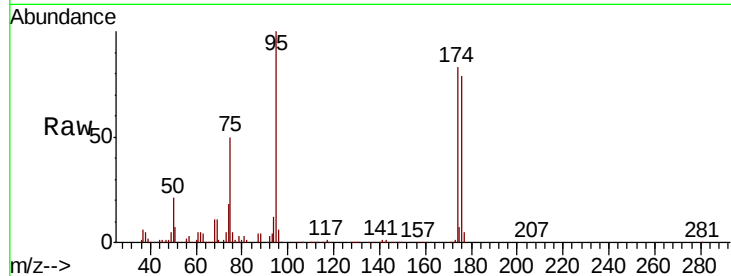
Tot Ion: 95 Resp: 337303

Ion Ratio Lower Upper

95 100

174 83.8 0.0 191.0

176 81.1 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

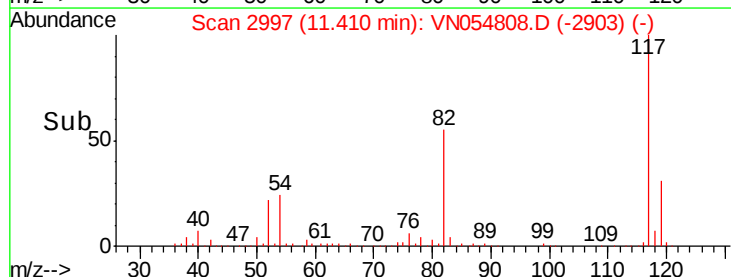
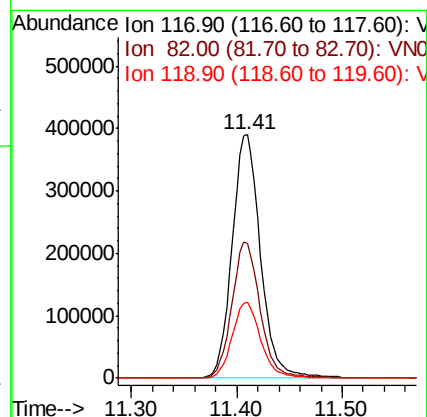
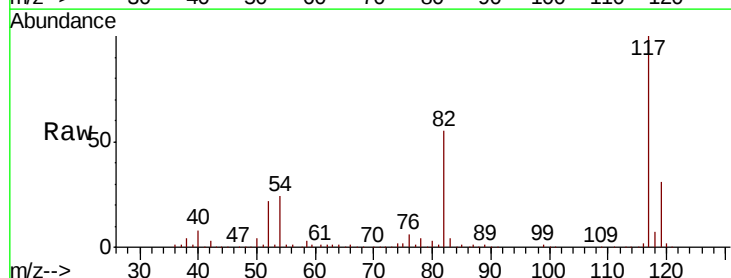
Tgt Ion: 117 Resp: 725195

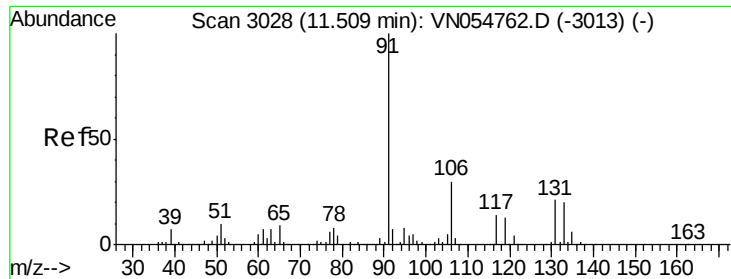
Ion Ratio Lower Upper

117 100

82 55.1 40.0 60.0

119 31.2 25.8 38.6

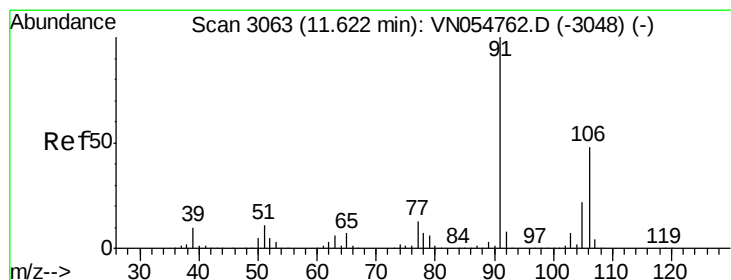
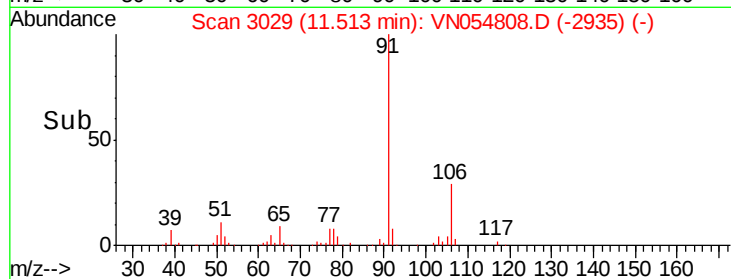
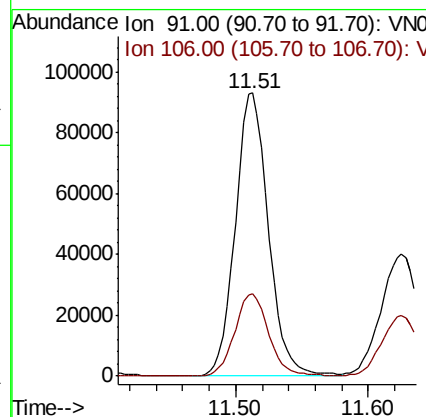
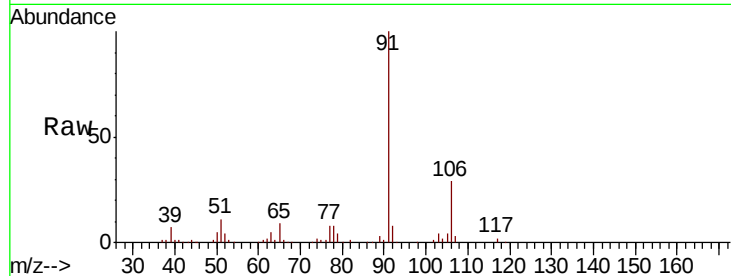




#67
Ethyl Benzene
Concen: 6.298 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

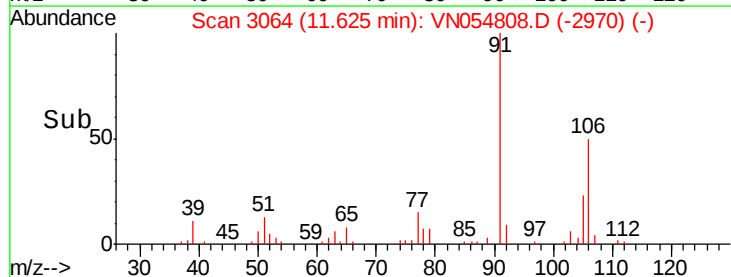
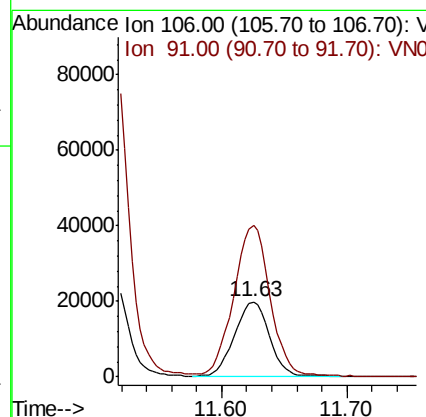
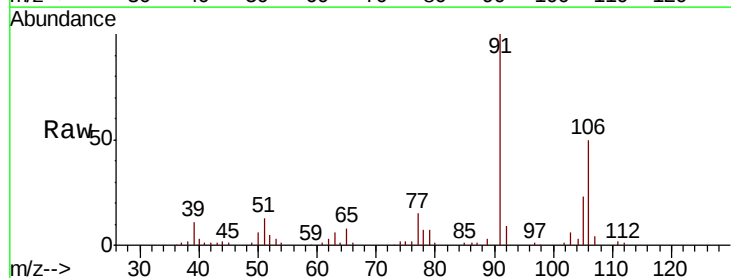
Instrument :
MSVOA_N
ClientSampled :

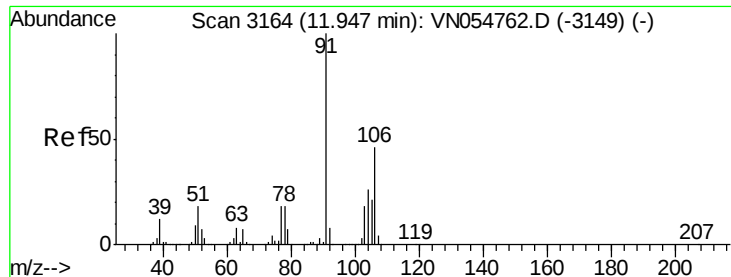
Tot Ion: 91 Resp: 161378
Ion Ratio Lower Upper
91 100
106 29.1 25.5 38.3



#68
m/p-Xylenes
Concen: 4.126 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Tgt Ion: 106 Resp: 39126
Ion Ratio Lower Upper
106 100
91 208.8 159.4 239.2

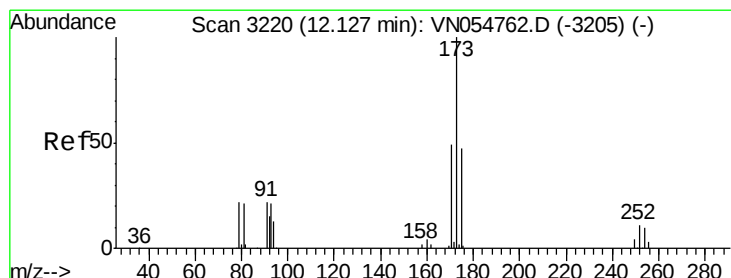
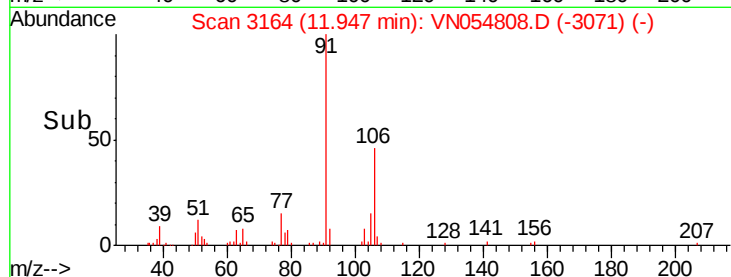
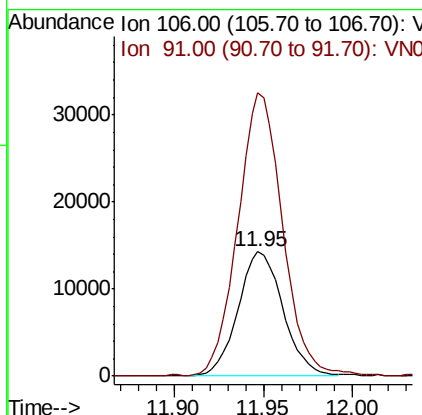
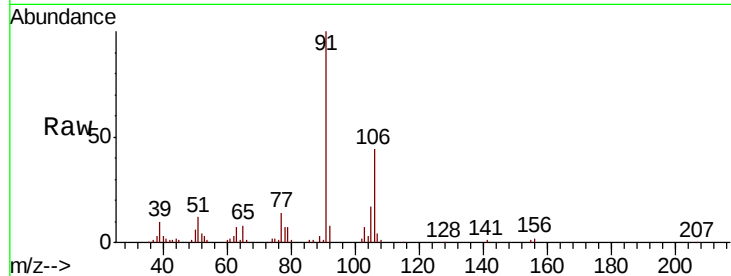




#69
o-Xylene
Concen: 2.699 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

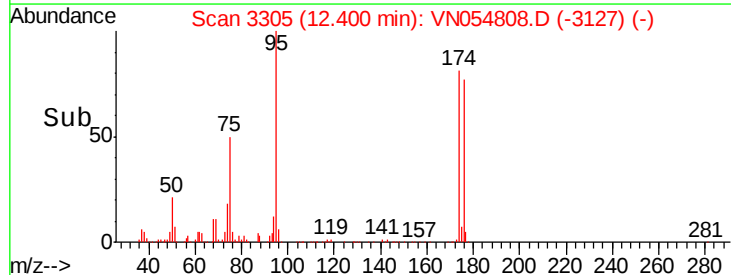
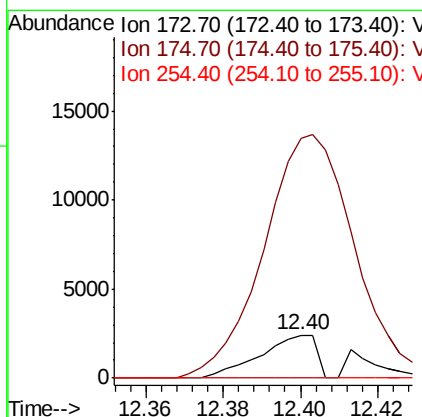
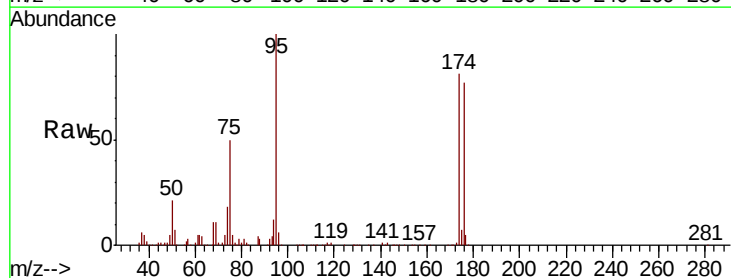
Instrument :
MSVOA_N
ClientSampled :

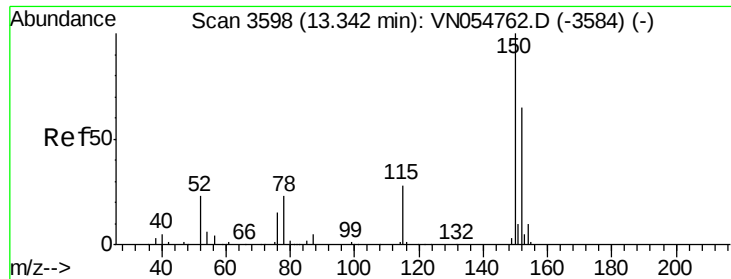
Tot Ion:106 Resp: 25095
Ion Ratio Lower Upper
106 100
91 227.4 105.7 317.1



#71
Bromoform
Concen: 0.787 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Tgt Ion:173 Resp: 2450
Ion Ratio Lower Upper
173 100
175 790.4 24.4 73.2#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

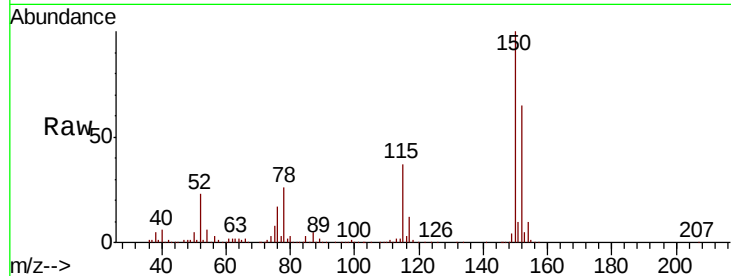
Tot Ion:152 Resp: 310451

Ion Ratio Lower Upper

152 100

115 57.9 27.2 81.6

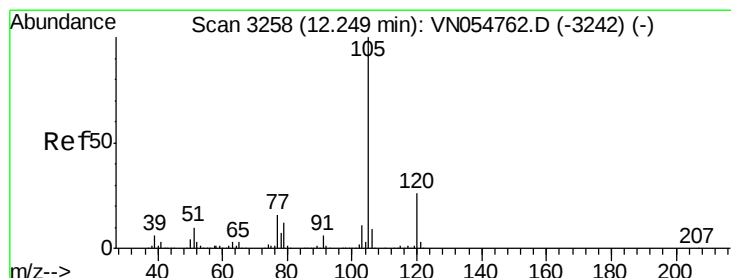
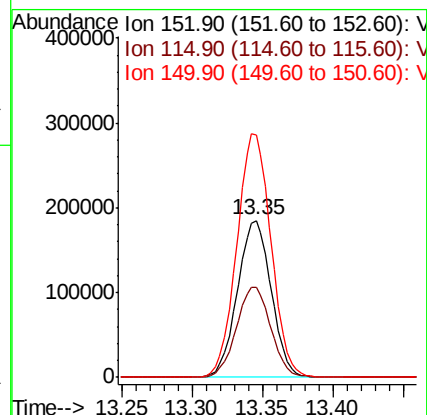
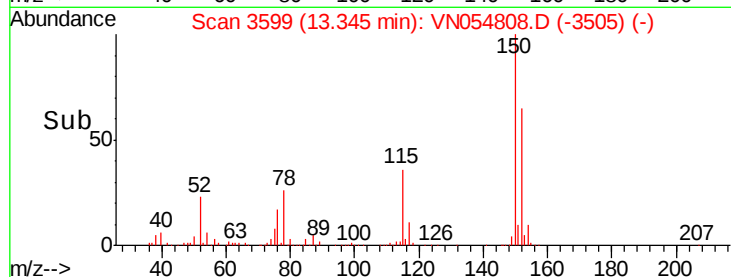
150 157.0 0.0 349.2



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: 0.998 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054808.D

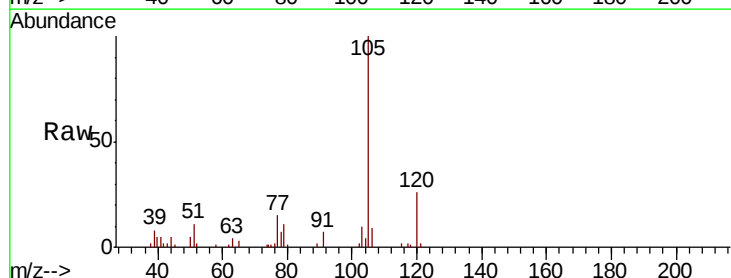
Acq: 30 Mar 2019 17:45

Tgt Ion:105 Resp: 25322

Ion Ratio Lower Upper

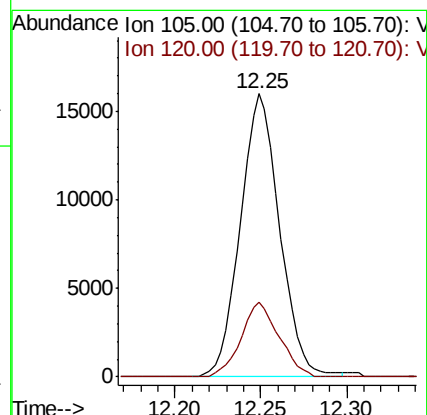
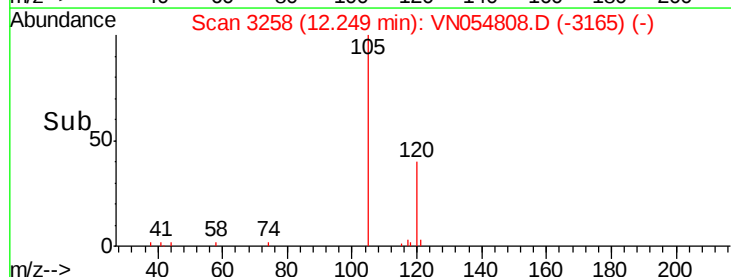
105 100

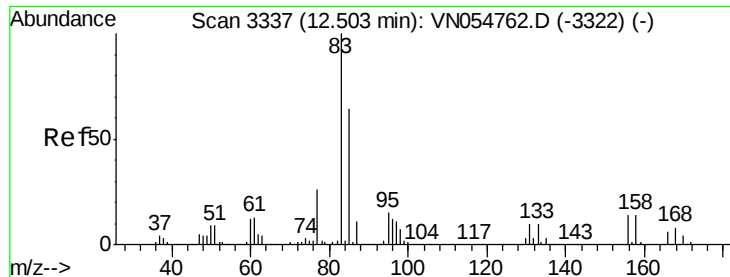
120 25.4 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.52 min Scan# 3341

Delta R.T. 0.01 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

ClientSampled :

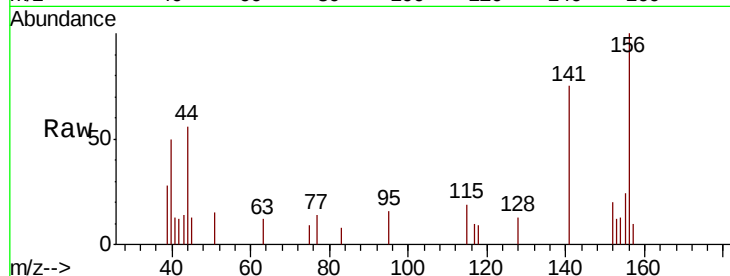
Tot Ion: 83 Resp: 29

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

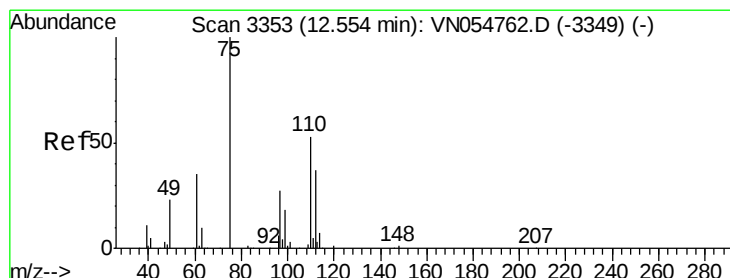
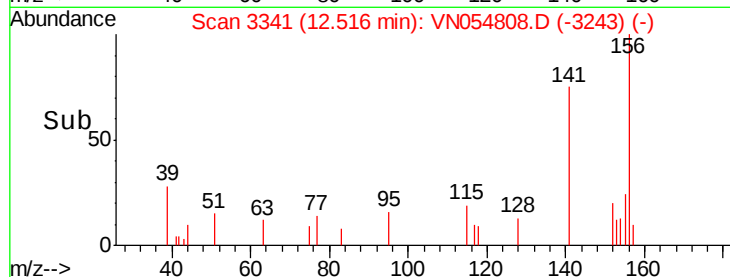
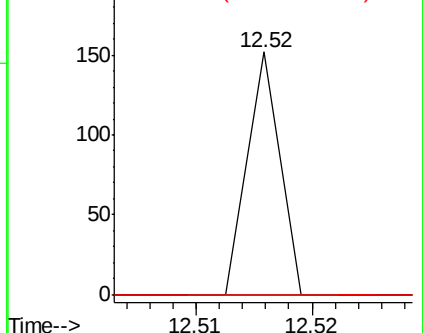
85 0.0 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 31.686 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054808.D

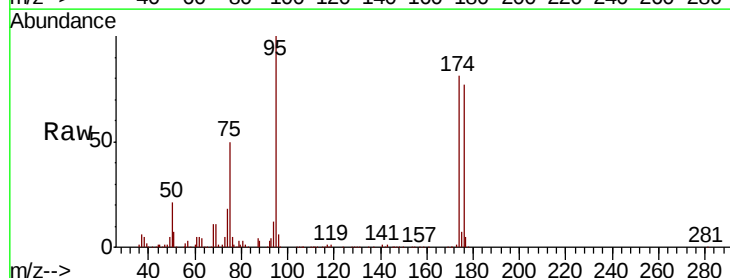
Acq: 30 Mar 2019 17:45

Tgt Ion: 75 Resp: 170893

Ion Ratio Lower Upper

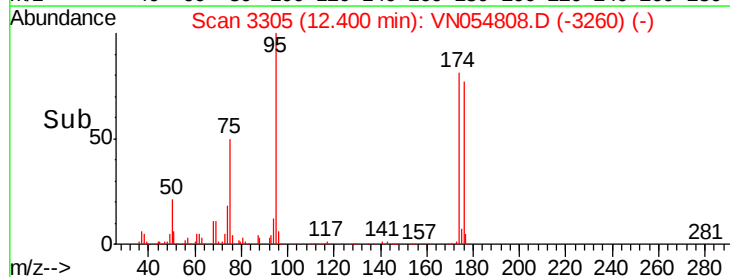
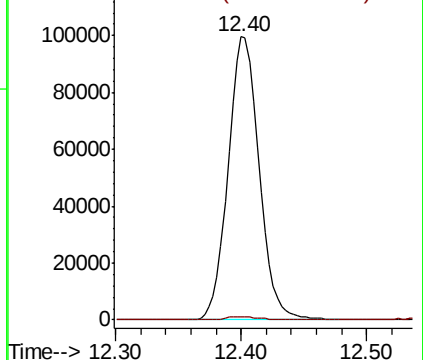
75 100

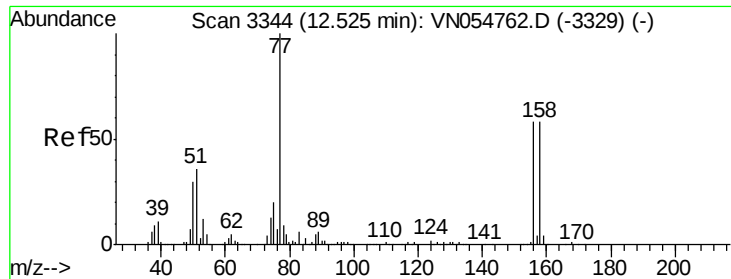
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 0.318 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.01 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

ClientSampled :

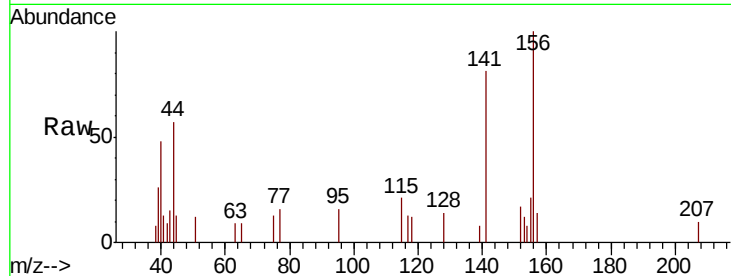
Tot Ion:156 Resp: 1949

Ion Ratio Lower Upper

156 100

77 17.9 81.5 244.4#

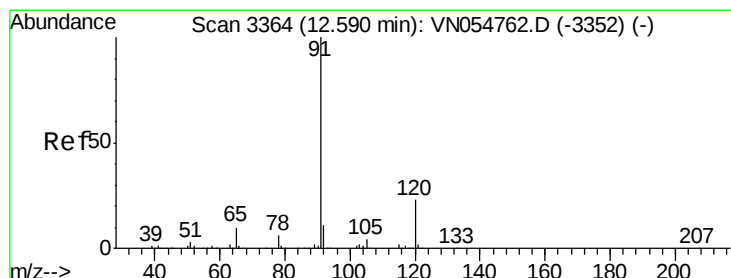
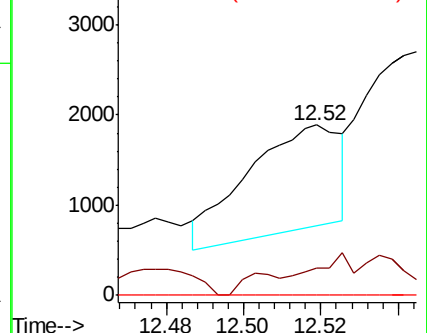
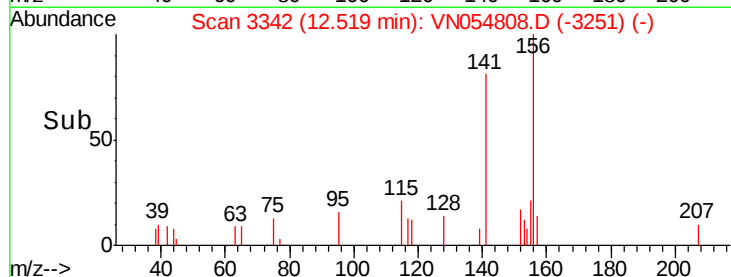
158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.361 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054808.D

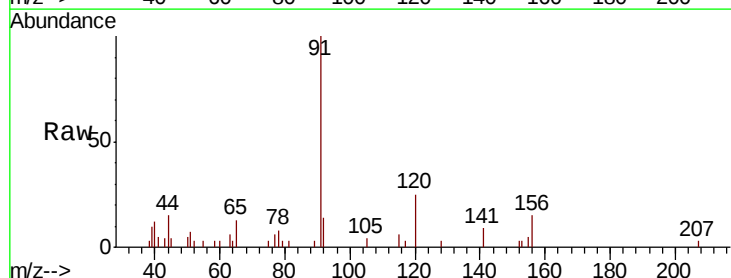
Acq: 30 Mar 2019 17:45

Tgt Ion: 91 Resp: 10067

Ion Ratio Lower Upper

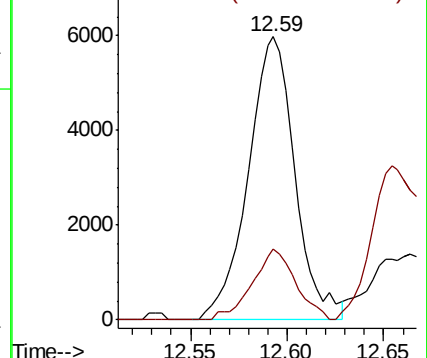
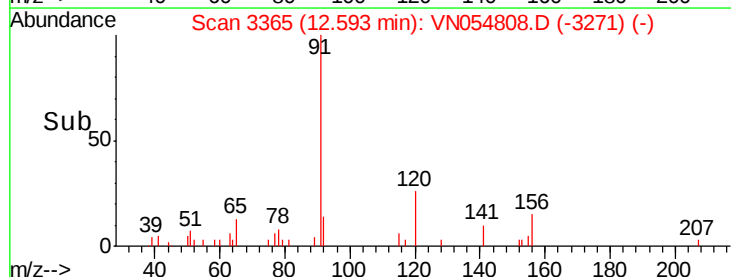
91 100

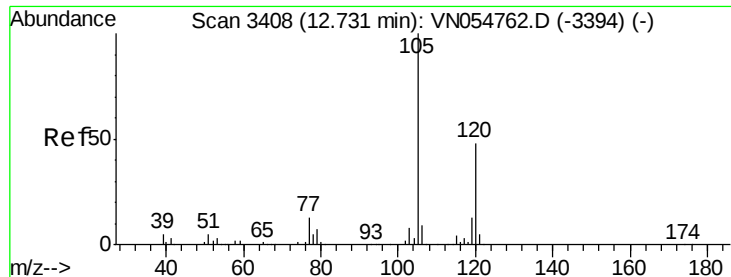
120 23.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.909 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

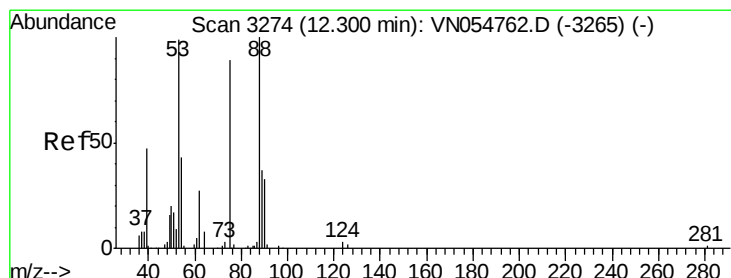
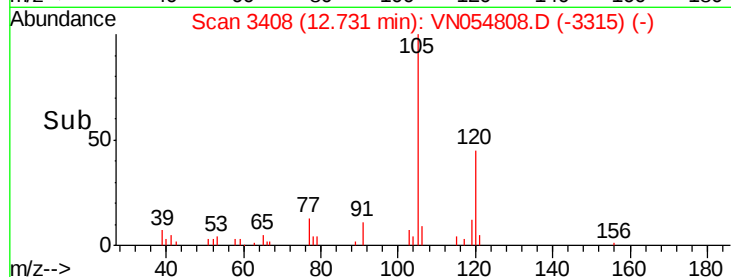
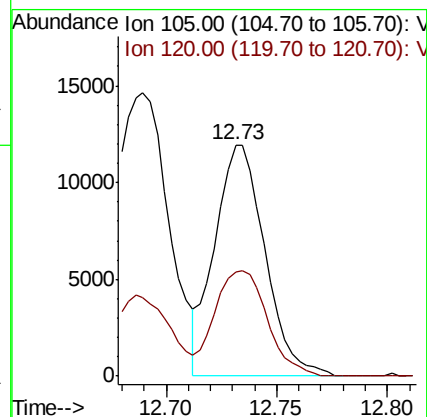
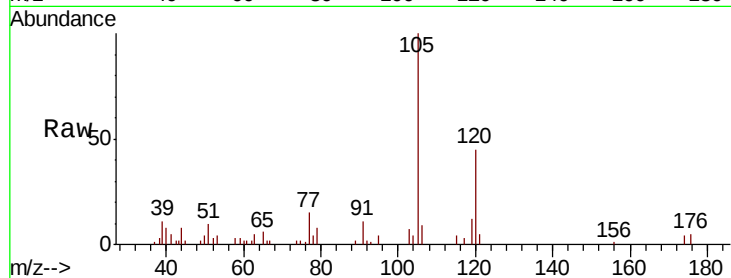
ClientSampleId :

Tot Ion:105 Resp: 18924

Ion Ratio Lower Upper

105 100

120 47.7 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 123.252 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

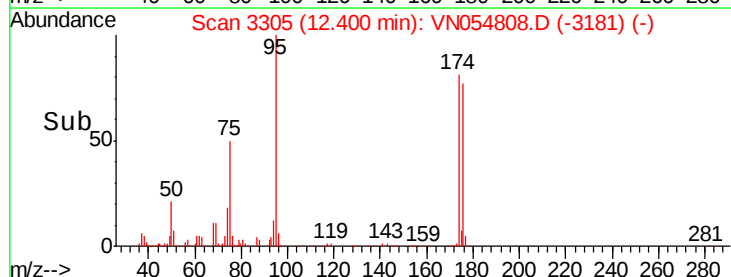
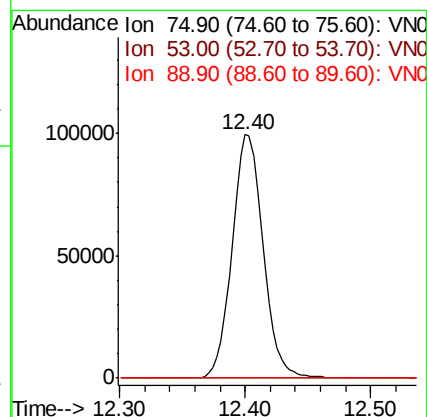
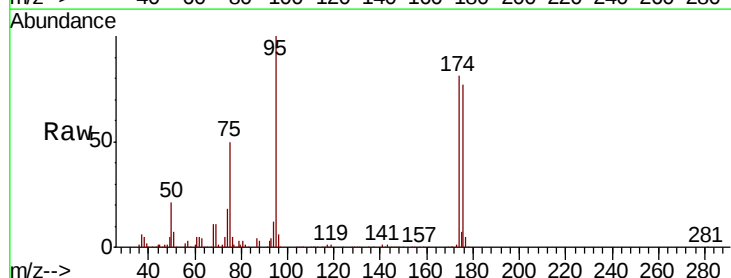
Tgt Ion: 75 Resp: 170893

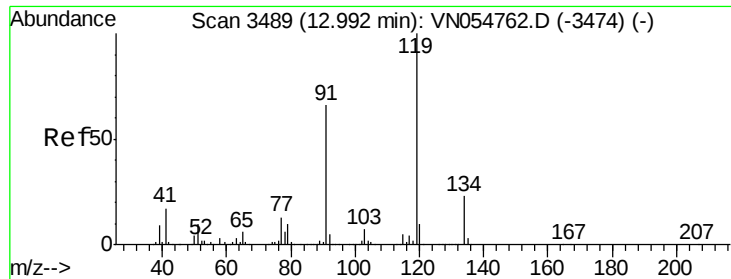
Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#

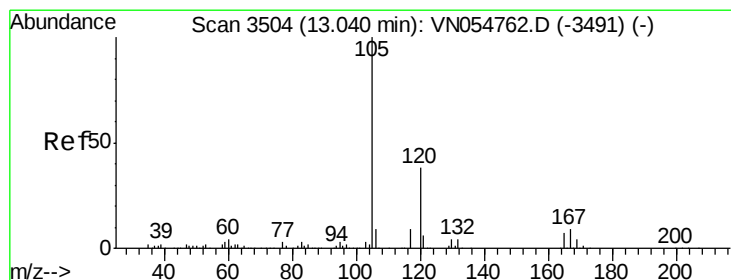
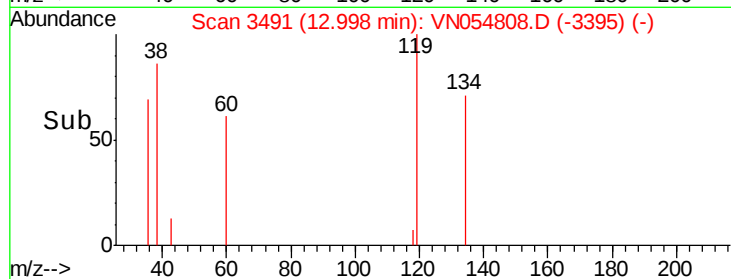
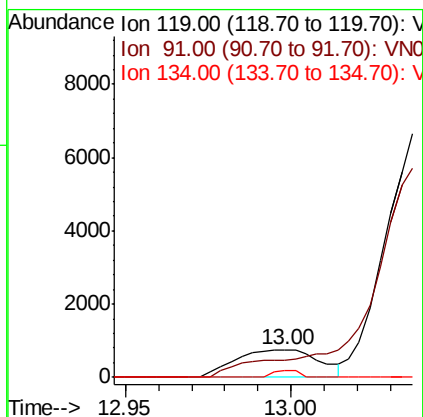
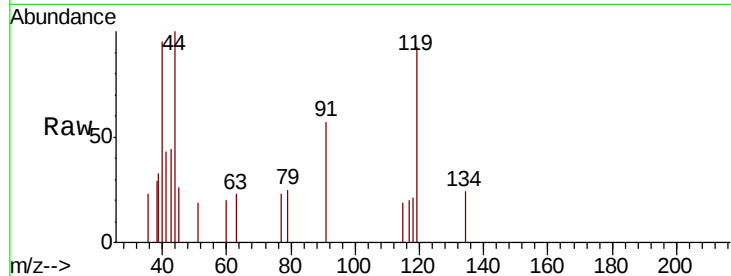




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.01 min
 Lab File: VN054808.D
 Acq: 30 Mar 2019 17:45

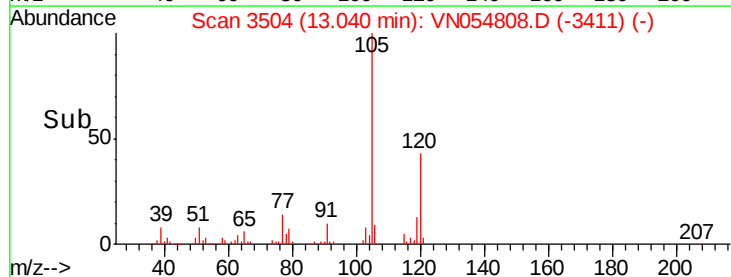
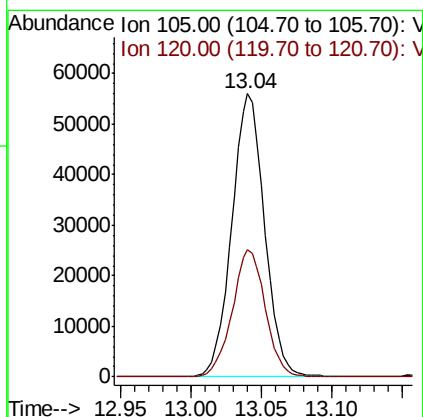
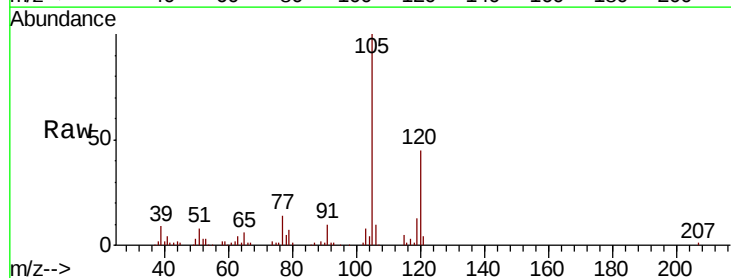
Instrument :
 MSVOA_N
 ClientSampled :

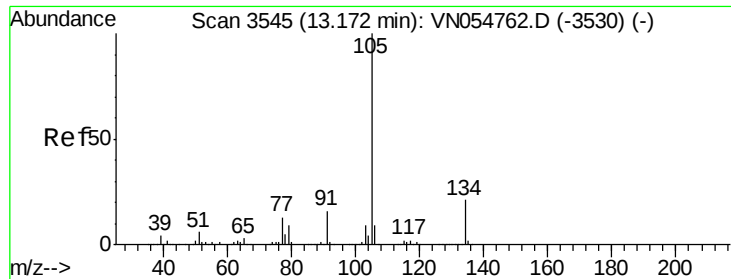
Tot Ion:119 Resp: 1337
 Ion Ratio Lower Upper
 119 100
 91 0.0 30.9 92.8#
 134 7.5 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 4.580 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054808.D
 Acq: 30 Mar 2019 17:45

Tgt Ion:105 Resp: 90853
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.4 70.3





#85

sec-Butylbenzene

Concen: 4.017 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

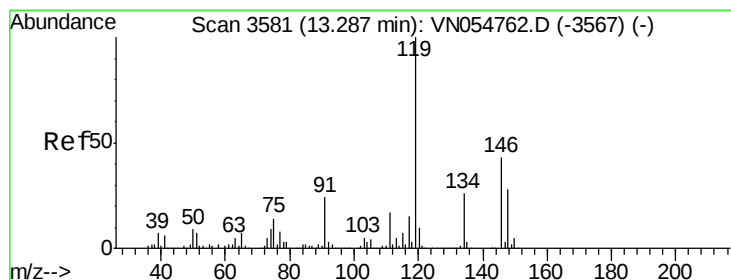
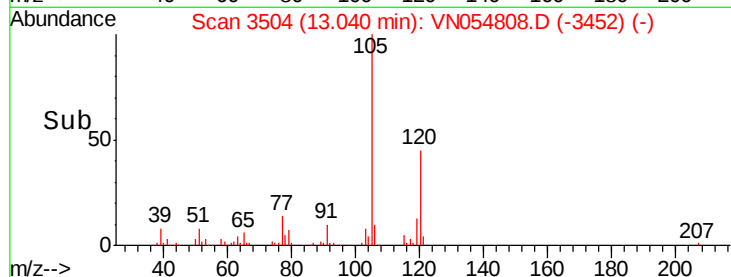
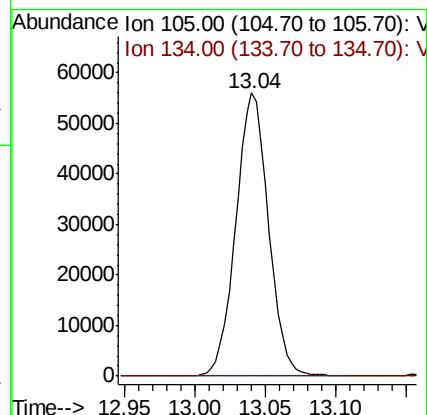
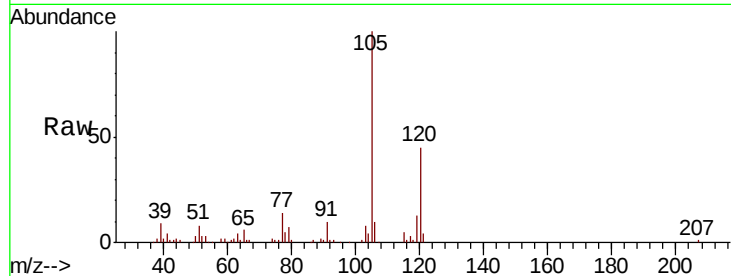
ClientSampled :

Tot Ion:105 Resp: 90853

Ion Ratio Lower Upper

105 100

134 0.1 10.7 32.1#



#86

p-Isopropyltoluene

Concen: 0.263 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

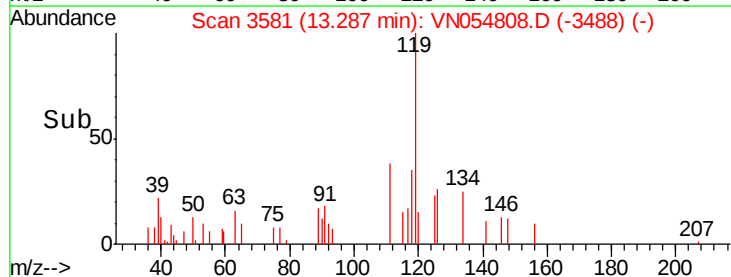
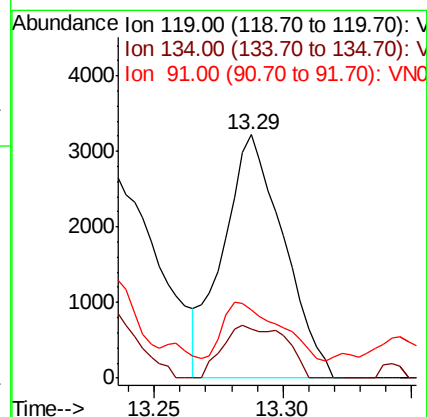
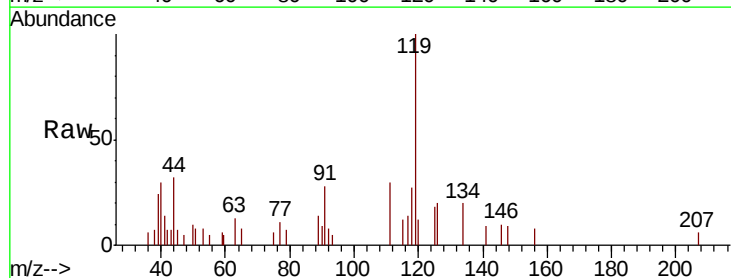
Tgt Ion:119 Resp: 5250

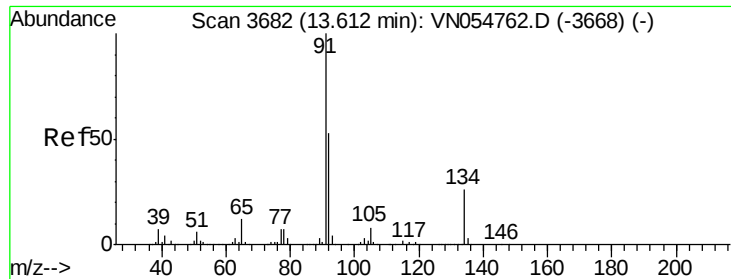
Ion Ratio Lower Upper

119 100

134 22.5 13.6 40.8

91 0.0 11.1 33.3#

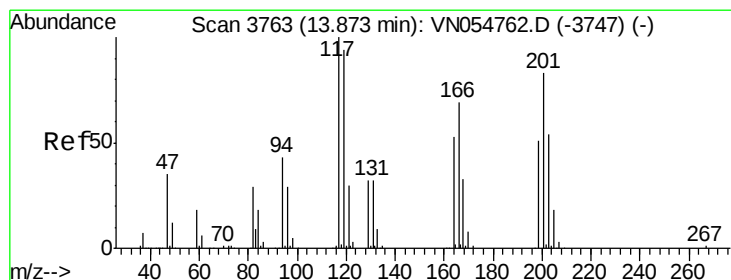
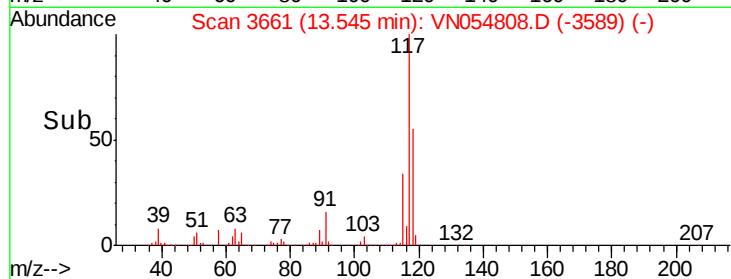
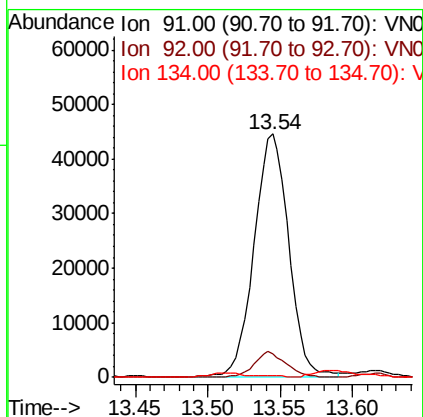
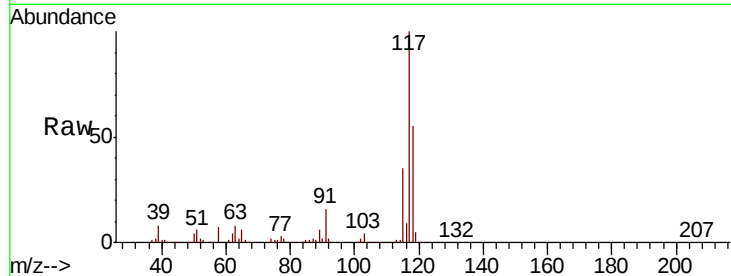




#89
n-Butylbenzene
Concen: 4.588 ug/l
RT: 13.54 min Scan# 3661
Delta R.T. -0.07 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

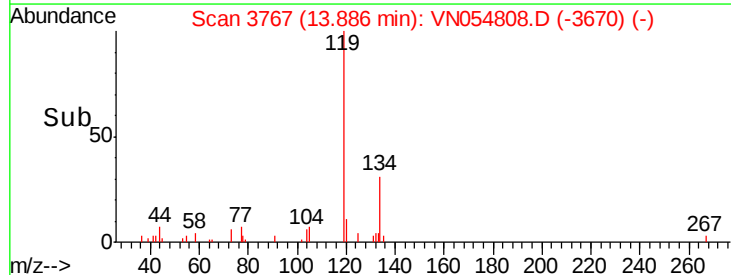
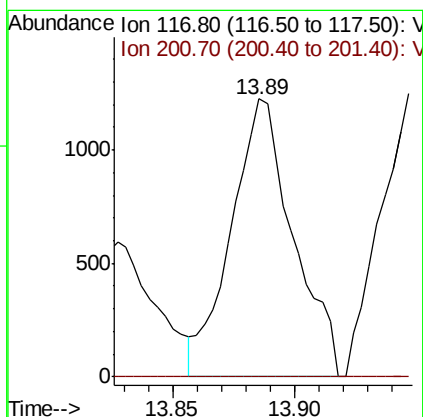
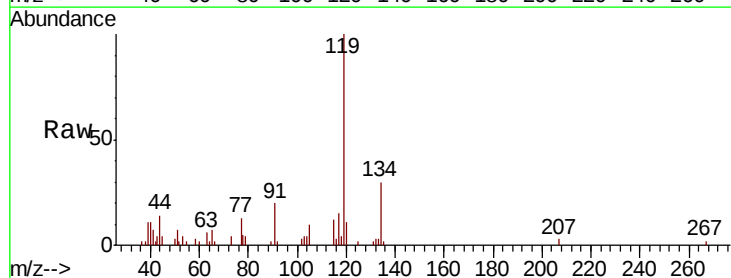
Instrument :
MSVOA_N
ClientSampled :

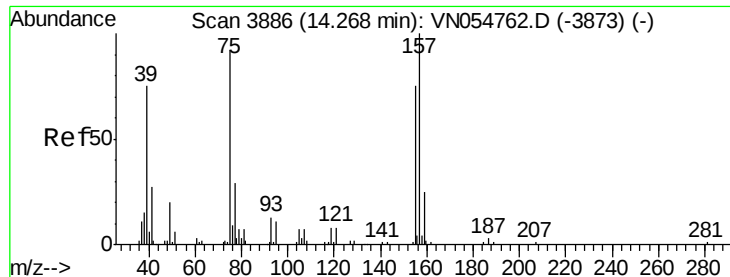
Tot Ion: 91 Resp: 74675
Ion Ratio Lower Upper
91 100
92 9.4 26.2 78.6#
134 0.0 14.3 42.9#



#90
Hexachloroethane
Concen: 0.633 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.01 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Tgt Ion: 117 Resp: 2145
Ion Ratio Lower Upper
117 100
201 0.0 48.1 144.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.307 ug/l

RT: 14.28 min Scan# 3890

Delta R.T. 0.01 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

Instrument :

MSVOA_N

ClientSampleId :

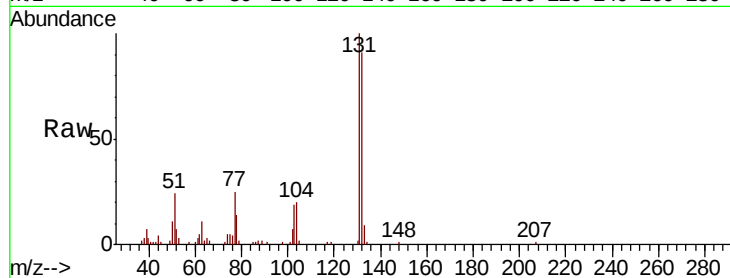
Tot Ion: 75 Resp: 2869

Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

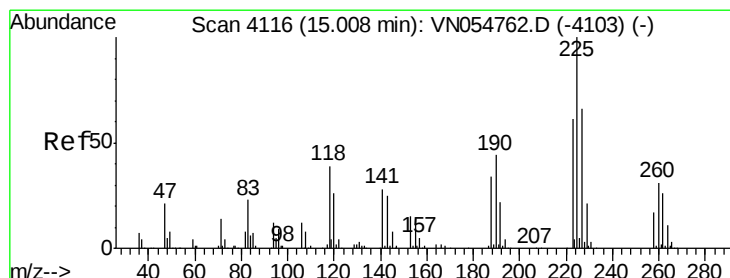
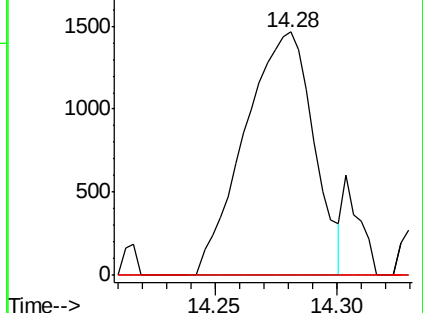
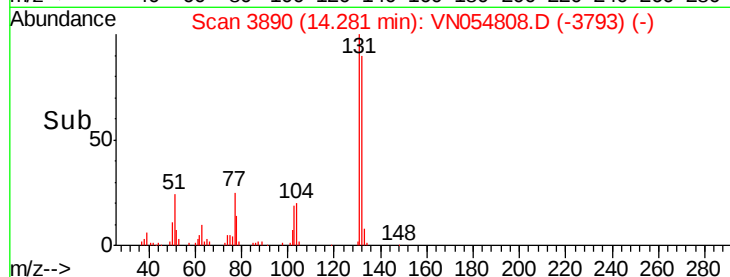
157 0.0 63.1 189.3#



Abundance Ion 74.90 (74.60 to 75.60): VN054808.D (-3793) (-)

Ion 154.80 (154.50 to 155.50): VN054808.D (-3793) (-)

Ion 156.80 (156.50 to 157.50): VN054808.D (-3793) (-)



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN054808.D

Acq: 30 Mar 2019 17:45

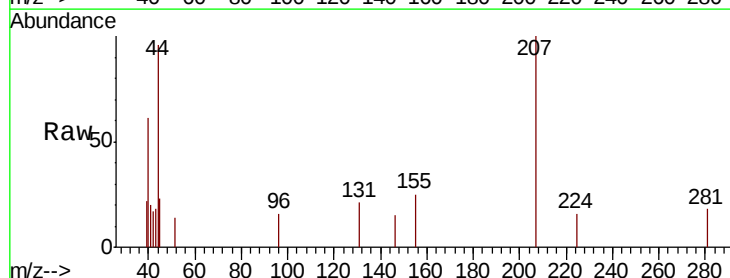
Tgt Ion: 225 Resp: 67

Ion Ratio Lower Upper

225 100

223 0.0 31.1 93.5#

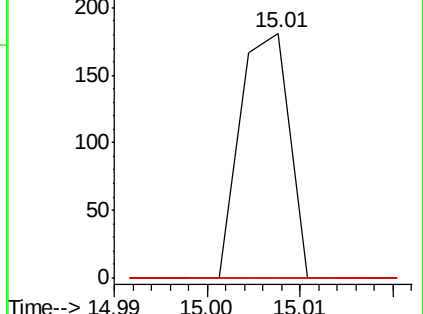
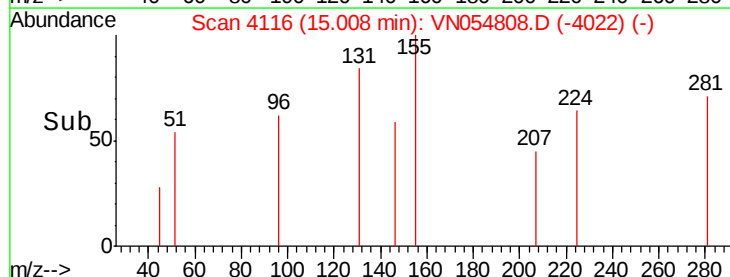
227 0.0 31.9 95.9#

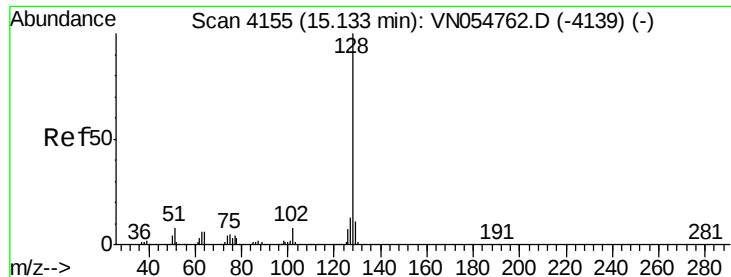


Abundance Ion 224.70 (224.40 to 225.40): VN054808.D (-4022) (-)

Ion 222.70 (222.40 to 223.40): VN054808.D (-4022) (-)

Ion 226.70 (226.40 to 227.40): VN054808.D (-4022) (-)





#95
Naphthalene
Concen: 330.165 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054808.D
Acq: 30 Mar 2019 17:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 3694199
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 11.0 8.7 13.1

