

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
 Data File : VN054924.D
 Acq On : 3 Apr 2019 14:15
 Operator : JC/SP
 Sample : K2214-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 04 01:11:46 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	496425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	837065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	727856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	276053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	325090	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	7.59	113	264069	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
50) Toluene-d8	10.09	98	1005139	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.40	95	321451	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.58	94	200	Below Cal	#	2
13) Acrolein	3.60	56	92	0.295	ug/l	98
16) Acetone	3.82	43	15884	9.954	ug/l #	86
18) Methyl Acetate	4.33	43	3228	Below Cal	#	70
20) Methylene Chloride	4.55	84	238017	42.284	ug/l #	83
29) Tetrahydrofuran	7.23	42	988	0.603	ug/l #	63
30) Chloroform	7.38	83	2671	0.276	ug/l	85
31) Cyclohexane	7.67	56	11384	Below Cal	#	7
36) 1,1-Dichloropropene	7.67	75	37689	4.832	ug/l #	48
38) Carbon Tetrachloride	7.66	117	47532	6.274	ug/l #	16
43) Isopropyl Acetate	8.17	43	16564	1.782	ug/l #	93
48) Methyl methacrylate	9.18	41	6817	1.353	ug/l #	11
51) 4-Methyl-2-Pentanone	9.99	43	5174	0.990	ug/l	90
54) cis-1,3-Dichloropropene	9.91	75	57522	6.880	ug/l #	71
57) 1,3-Dichloropropane	10.76	76	11046	1.301	ug/l #	43
59) 2-Hexanone	10.76	43	180258	53.889	ug/l #	48
67) Ethyl Benzene	11.51	91	33938	1.320	ug/l	94
68) m/p-Xylenes	11.62	106	21787	2.289	ug/l	96
69) o-Xylene	11.95	106	2015	0.216	ug/l	98
71) Bromoform	12.40	173	3097	0.991	ug/l #	1
73) Isopropylbenzene	12.25	105	7326	0.325	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.40	83	311	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	162161	33.814	ug/l #	100
78) n-propylbenzene	12.59	91	36868	1.487	ug/l	96
79) 2-Chlorotoluene	12.69	91	3323	0.217	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.73	105	51292	2.770	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	162161	131.528	ug/l #	11
82) 4-Chlorotoluene	12.73	91	5018	0.337	ug/l #	39
83) tert-Butylbenzene	13.04	119	16934	Below Cal	#	61
84) 1,2,4-Trimethylbenzene	13.04	105	140556	7.969	ug/l	99
85) sec-Butylbenzene	13.04	105	140556	6.989	ug/l #	55
90) Hexachloroethane	13.89	117	2829	0.939	ug/l #	2
95) Naphthalene	15.13	128	5601	0.563	ug/l	98

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

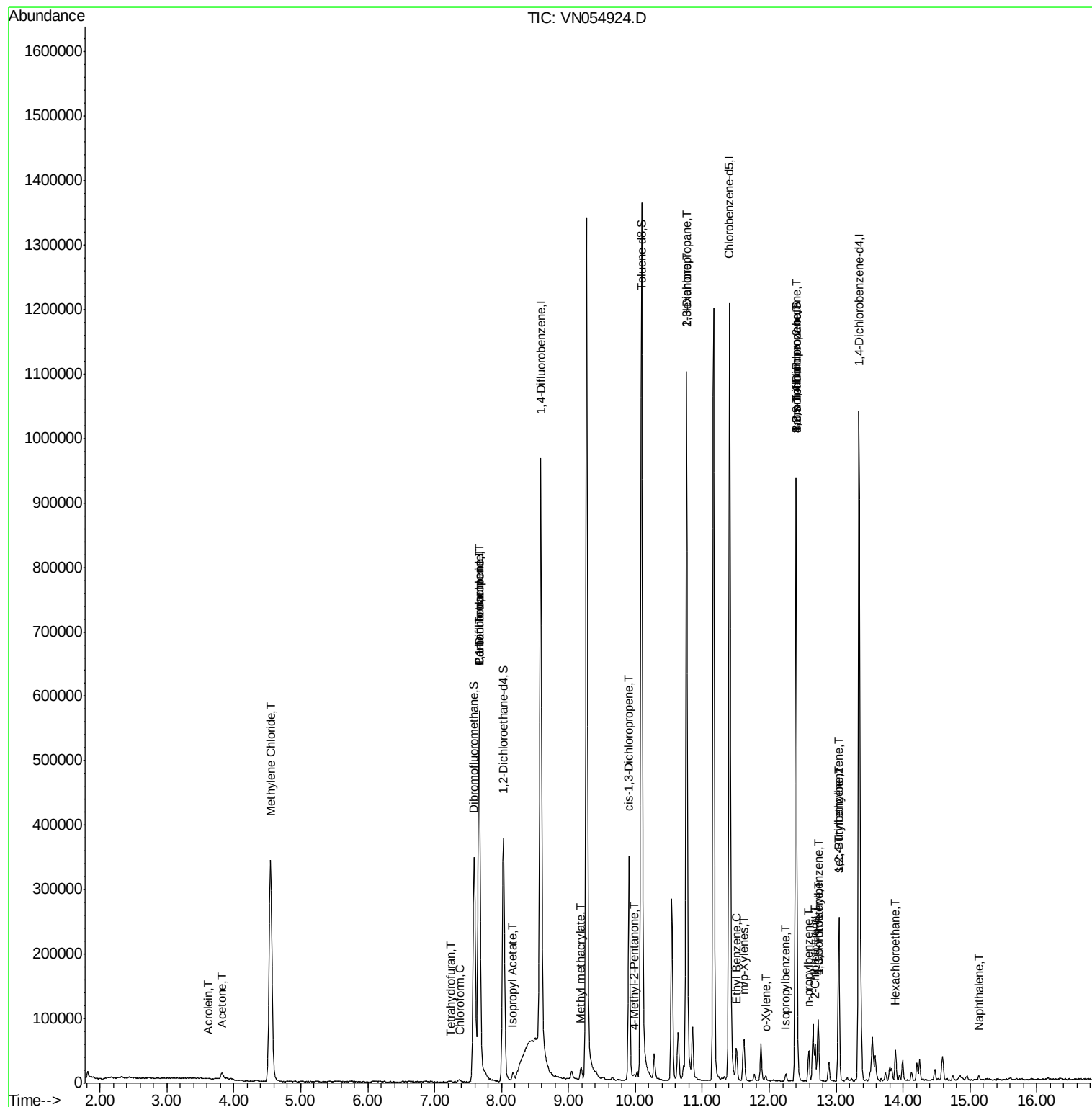
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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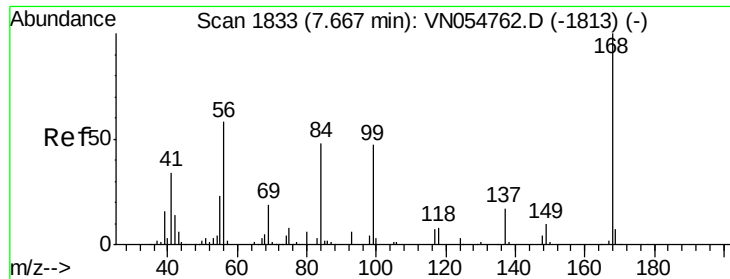
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

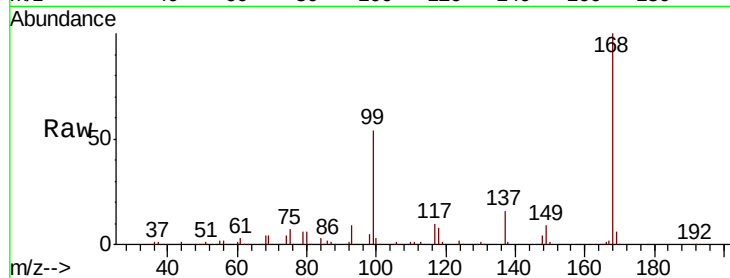
ClientSampled :

Tot Ion:168 Resp: 496425

Ion Ratio Lower Upper

168 100

99 53.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054924.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054924.D (-1740) (-)

7.67

200000

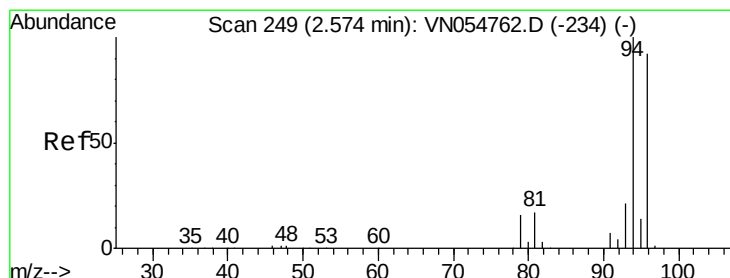
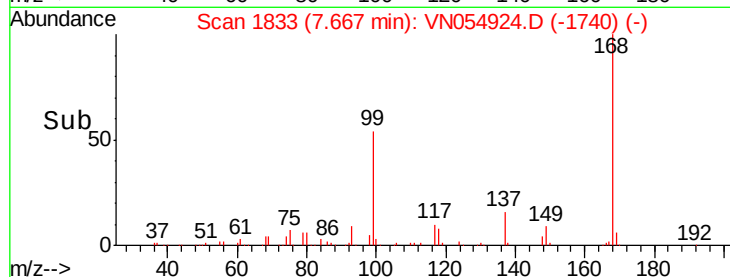
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 251

Delta R.T. 0.01 min

Lab File: VN054924.D

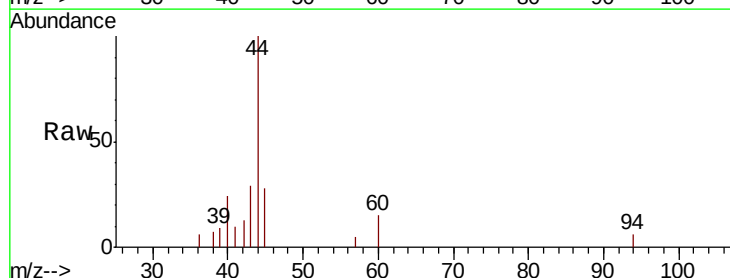
Acq: 3 Apr 2019 14:15

Tgt Ion: 94 Resp: 200

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN054924.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VN054924.D (-156) (-)

2.58

200

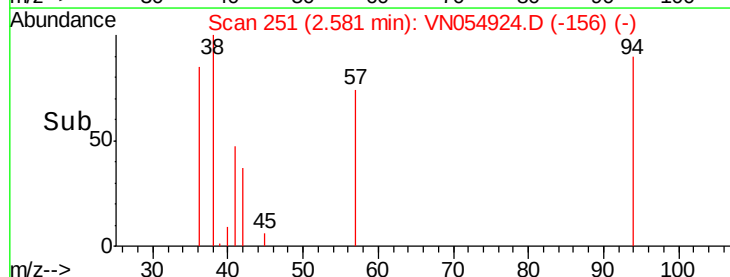
150

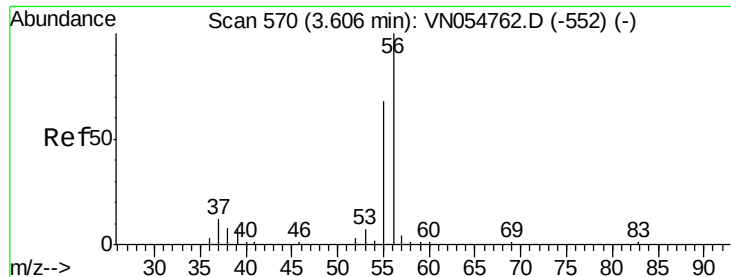
100

50

0

Time-->





#13

Acrolein

Concen: 0.295 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

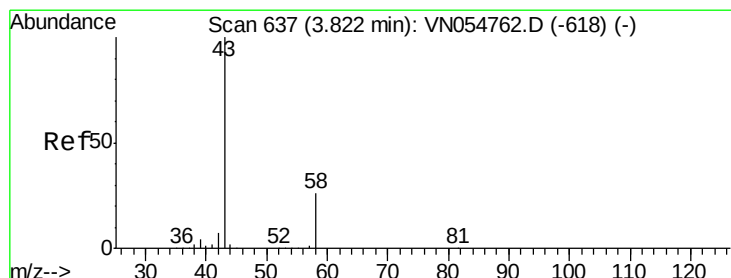
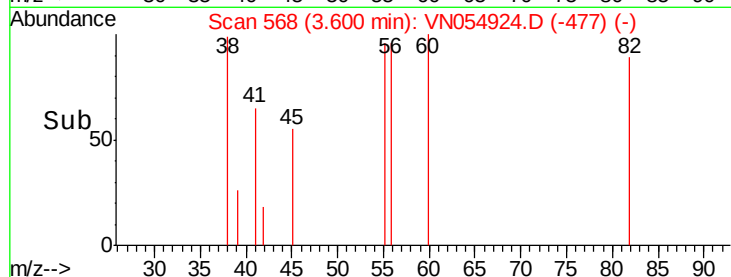
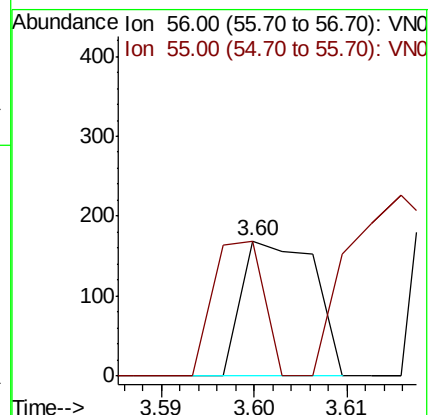
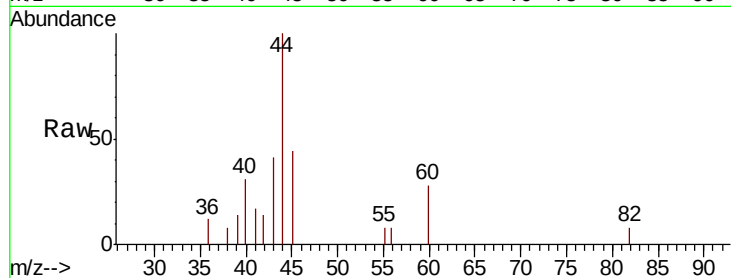
ClientSampled :

Tot Ion: 56 Resp: 92

Ion Ratio Lower Upper

56 100

55 69.6 56.7 85.1



#16

Acetone

Concen: 9.954 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054924.D

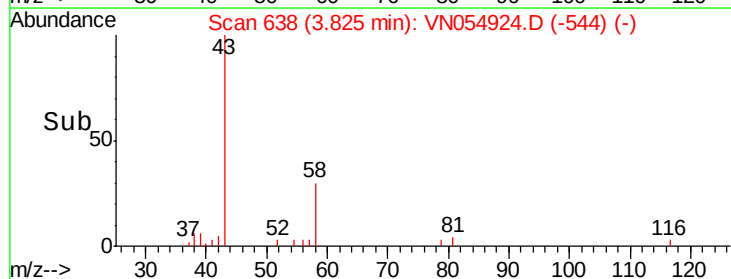
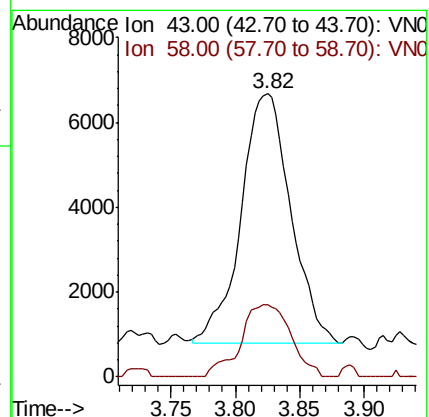
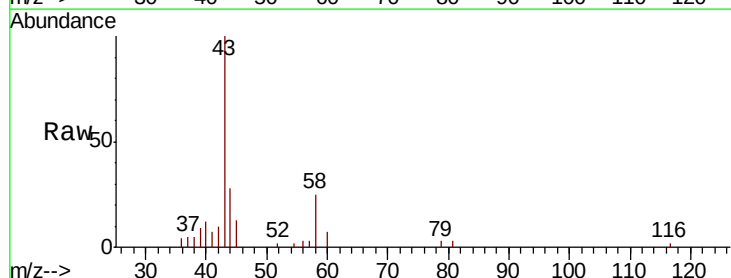
Acq: 3 Apr 2019 14:15

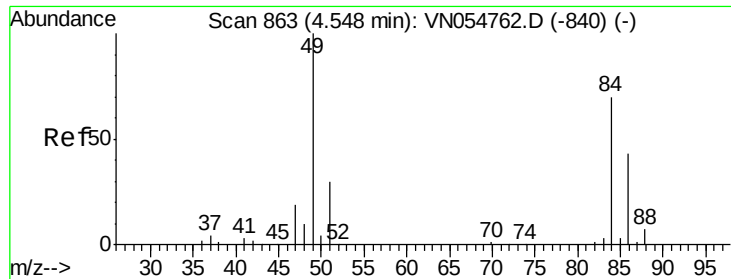
Tgt Ion: 43 Resp: 15884

Ion Ratio Lower Upper

43 100

58 28.9 29.9 44.9#

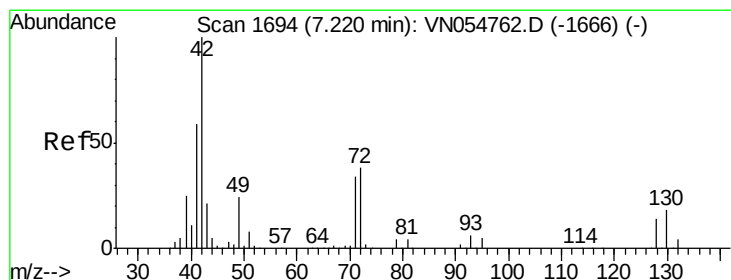
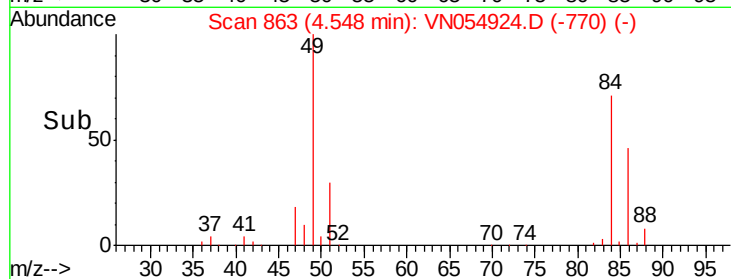
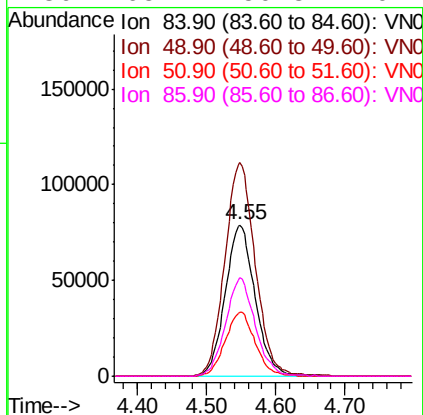
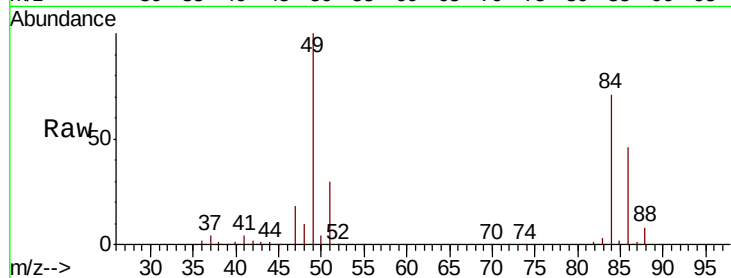




#20
Methylene Chloride
Concen: 42.284 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054924.D
Acq: 3 Apr 2019 14:15

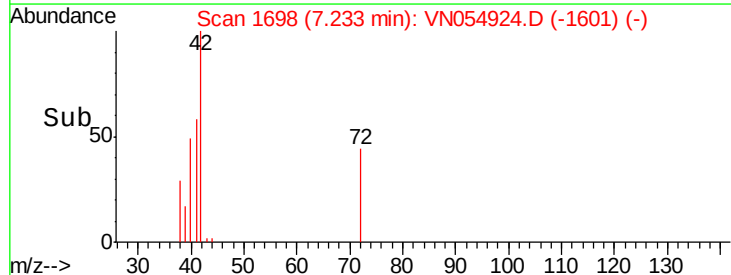
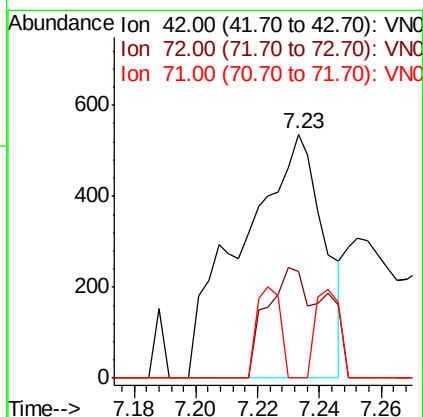
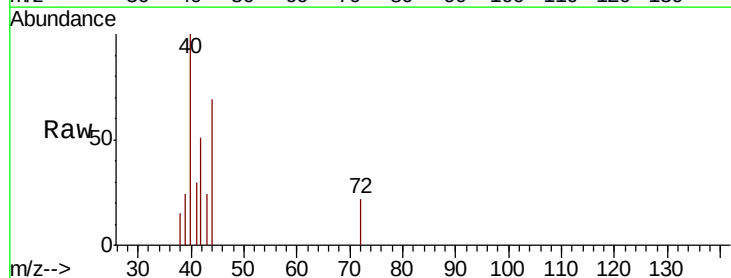
Instrument :
MSVOA_N
ClientSampleId :

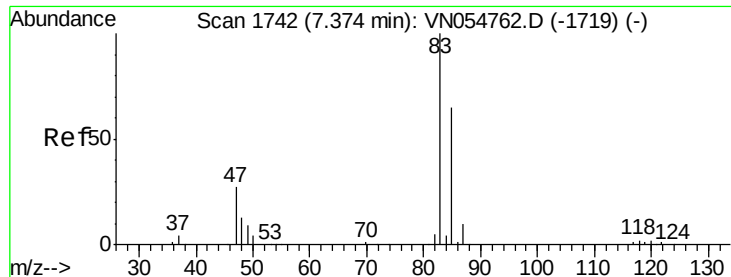
Tot Ion: 84 Resp: 238017
Ion Ratio Lower Upper
84 100
49 140.8 89.7 134.5#
51 42.2 28.2 42.4
86 65.1 50.8 76.2



#29
Tetrahydrofuran
Concen: 0.603 ug/l
RT: 7.23 min Scan# 1698
Delta R.T. 0.01 min
Lab File: VN054924.D
Acq: 3 Apr 2019 14:15

Tgt Ion: 42 Resp: 988
Ion Ratio Lower Upper
42 100
72 32.0 37.8 56.6#
71 10.8 36.2 54.2#

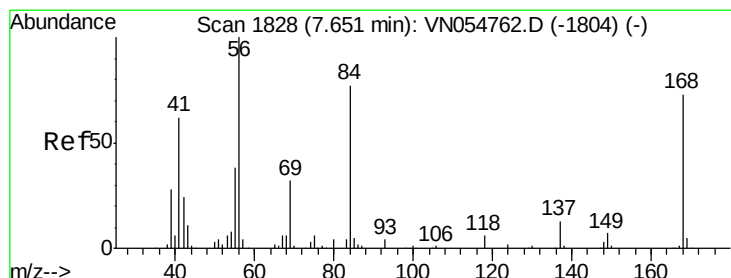
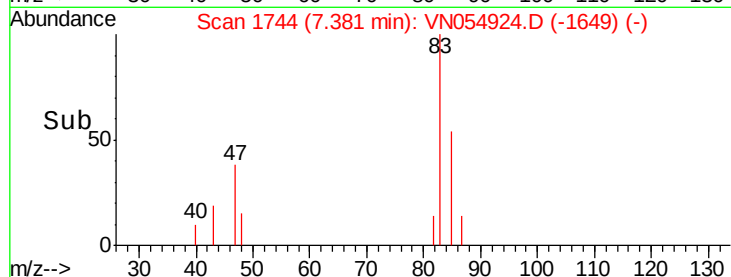
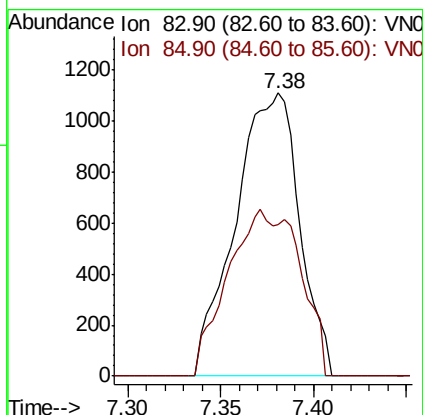
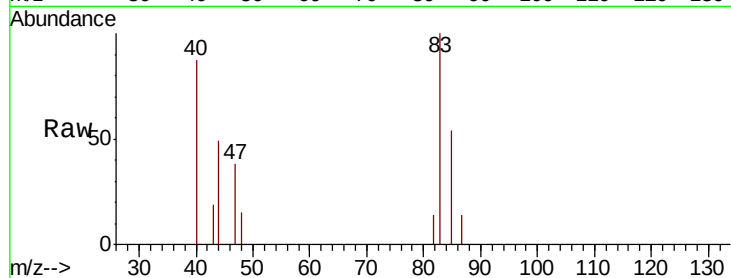




#30
Chloroform
Concen: 0.276 ug/l
RT: 7.38 min Scan# 1744
Delta R.T. 0.01 min
Lab File: VN054924.D
Acq: 3 Apr 2019 14:15

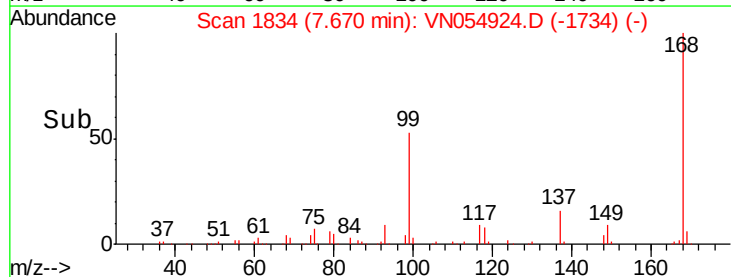
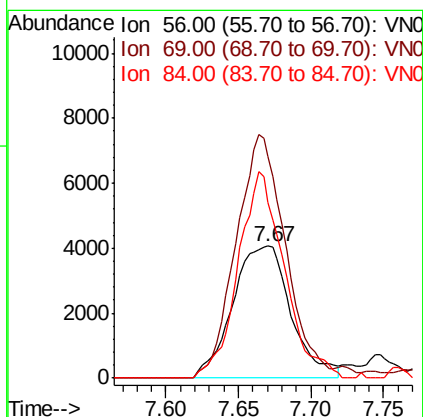
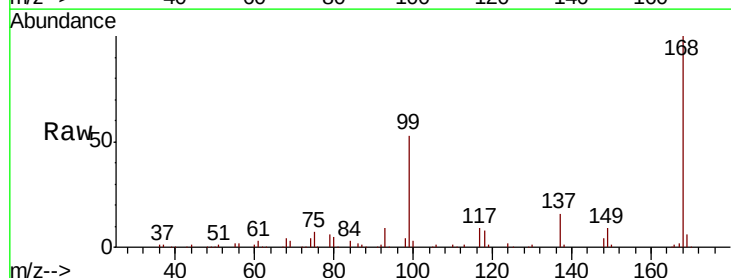
Instrument :
MSVOA_N
ClientSampleId :

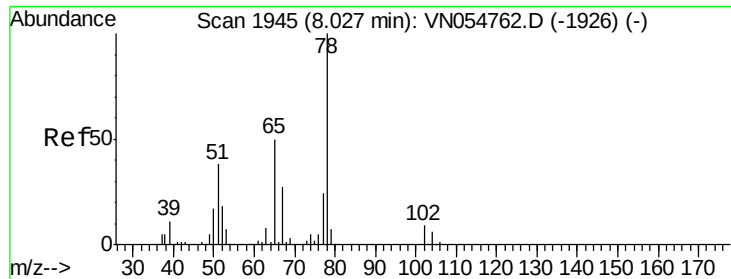
Tot Ion: 83 Resp: 2671
Ion Ratio Lower Upper
83 100
85 53.6 52.2 78.4



#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN054924.D
Acq: 3 Apr 2019 14:15

Tgt Ion: 56 Resp: 11384
Ion Ratio Lower Upper
56 100
69 167.8 27.8 41.6#
84 133.5 74.6 111.8#

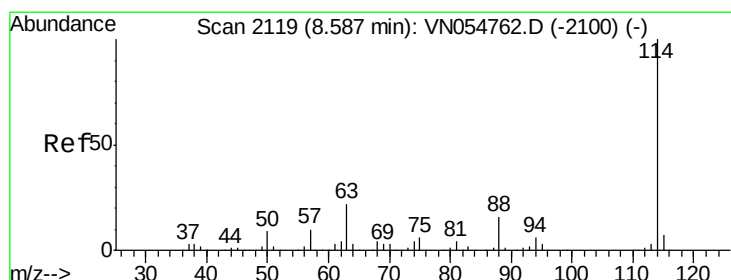
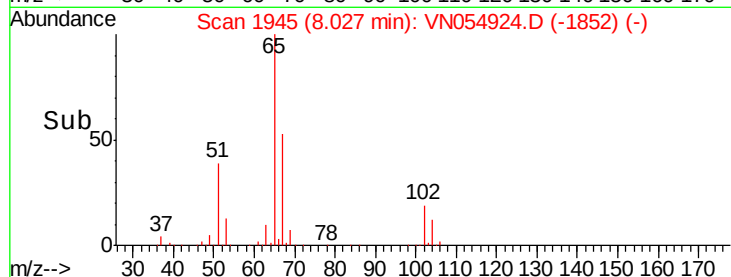
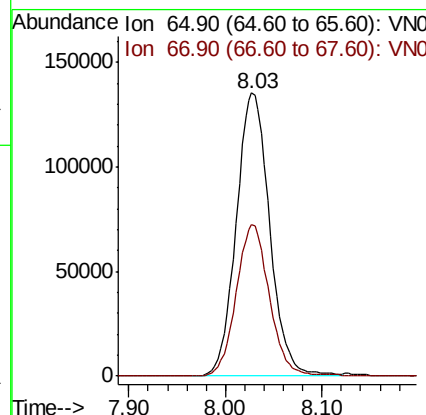
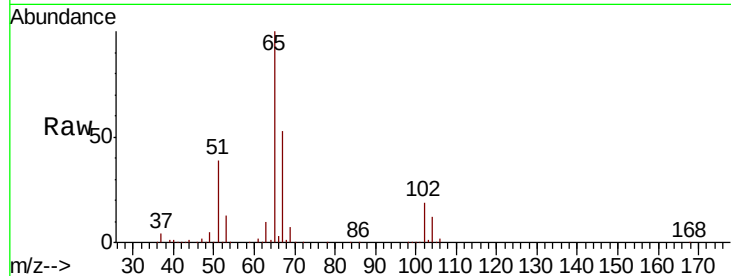




#33
 1,2-Dichloroethane-d4
 Concen: 48.579 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054924.D
 Acq: 3 Apr 2019 14:15

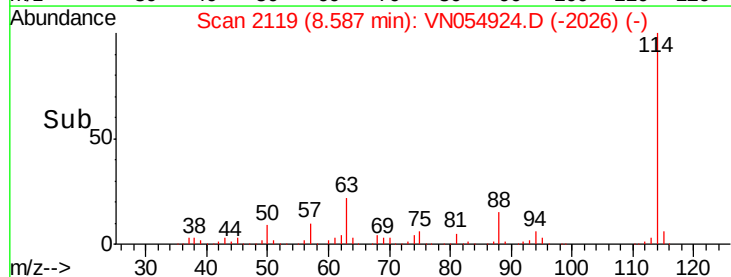
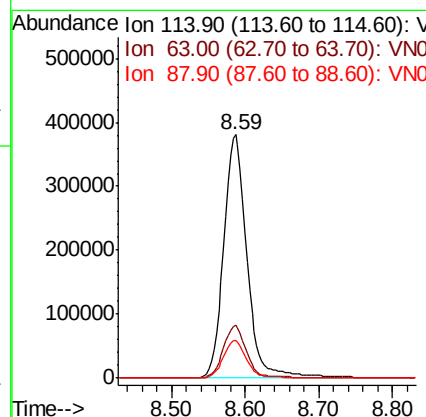
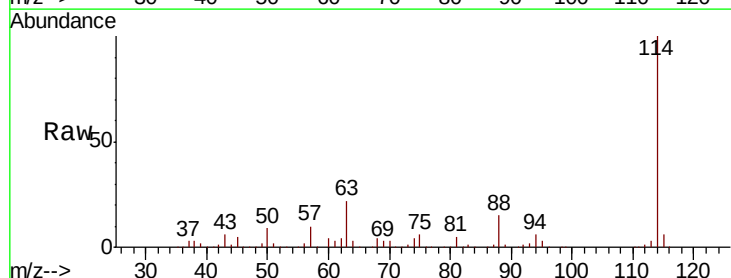
Instrument :
 MSVOA_N
 ClientSampleId :

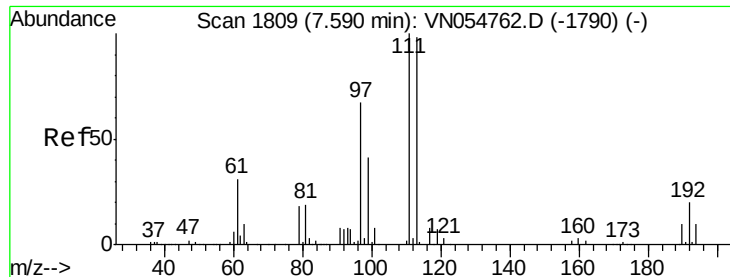
Tot Ion: 65 Resp: 325090
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054924.D
 Acq: 3 Apr 2019 14:15

Tgt Ion: 114 Resp: 837065
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 35.2
 88 15.4 0.0 30.2

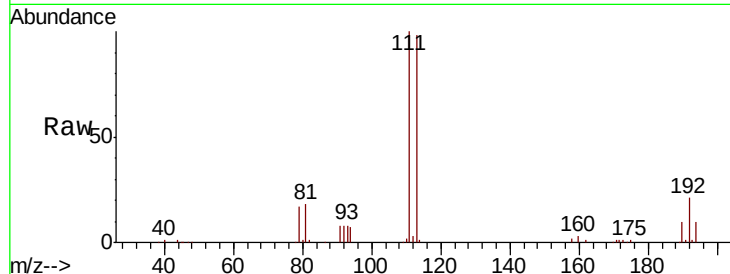




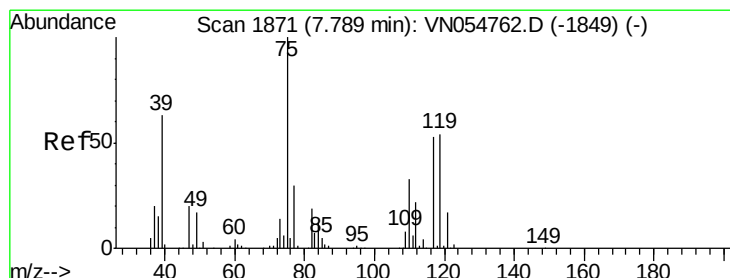
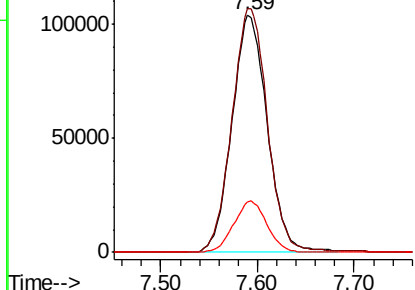
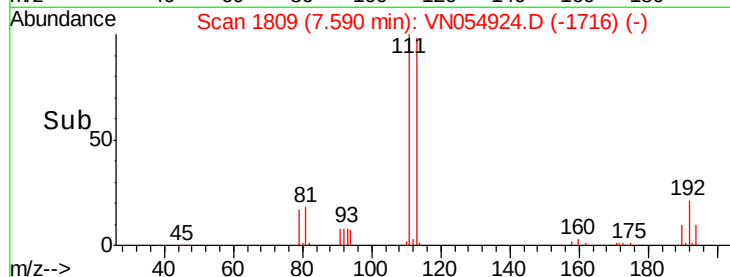
#35
 Dibromofluoromethane
 Concen: 47.319 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054924.D
 Acq: 3 Apr 2019 14:15

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	20.5	19.2	28.8

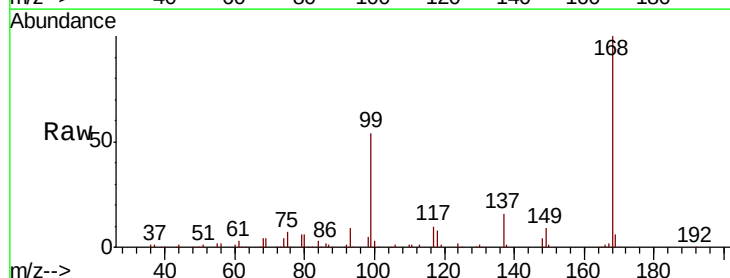


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

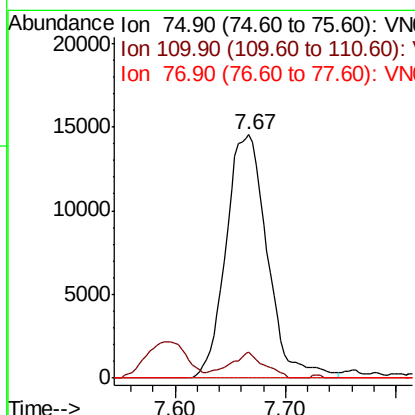
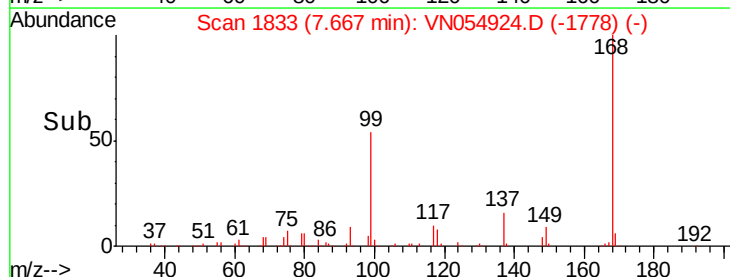


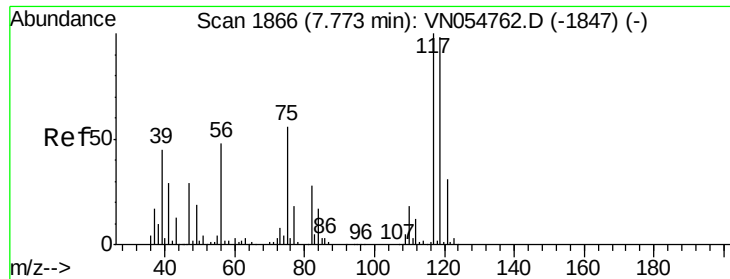
#36
 1,1-Dichloropropene
 Concen: 4.832 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054924.D
 Acq: 3 Apr 2019 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.1	57.5#
77	0.0	25.0	37.4#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.274 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

ClientSampled :

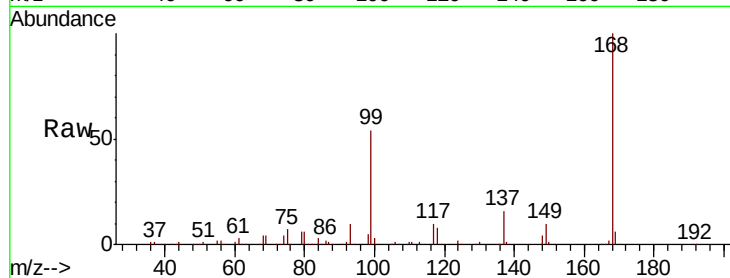
Tot Ion:117 Resp: 47532

Ion Ratio Lower Upper

117 100

119 5.0 76.3 114.5#

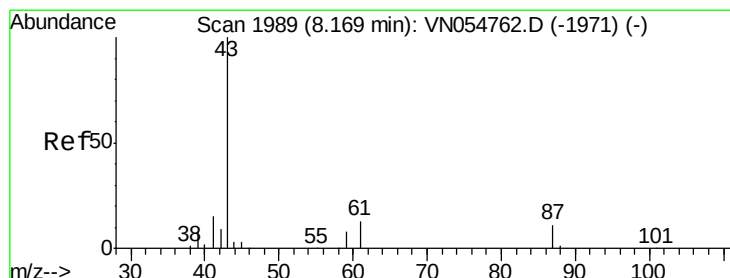
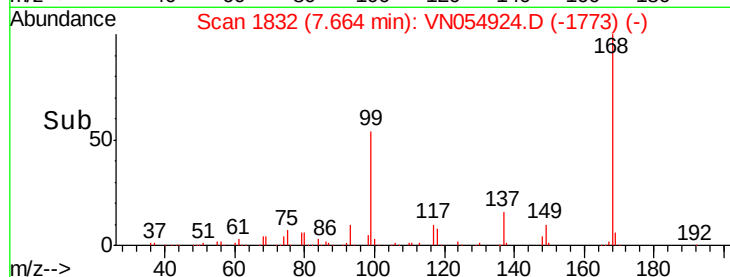
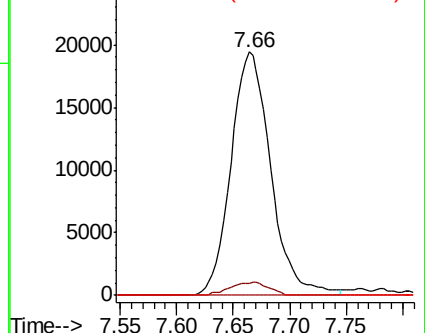
121 0.0 24.6 36.8#



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



#43

Isopropyl Acetate

Concen: 1.782 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

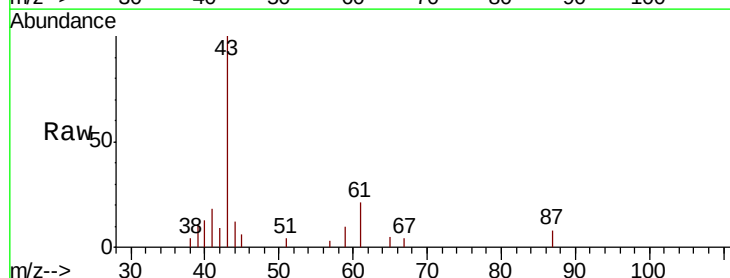
Tgt Ion: 43 Resp: 16564

Ion Ratio Lower Upper

43 100

61 19.6 15.8 23.8

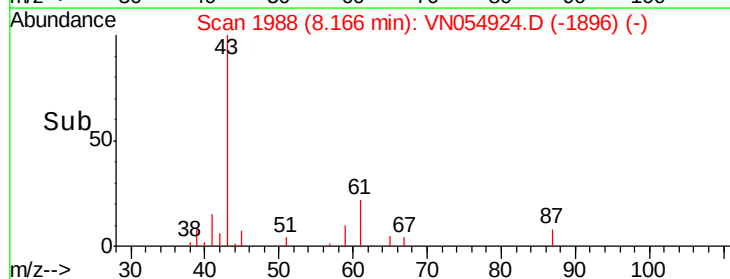
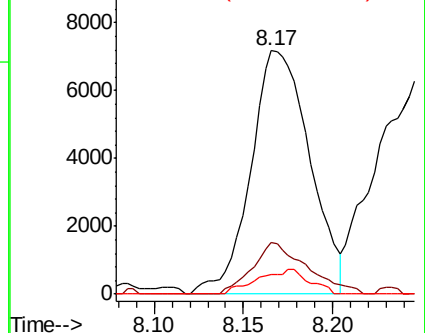
87 8.9 12.0 18.0#

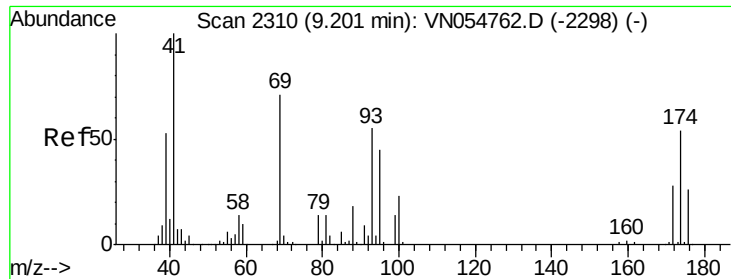


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

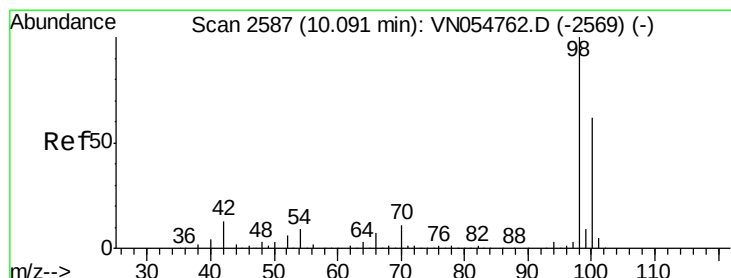
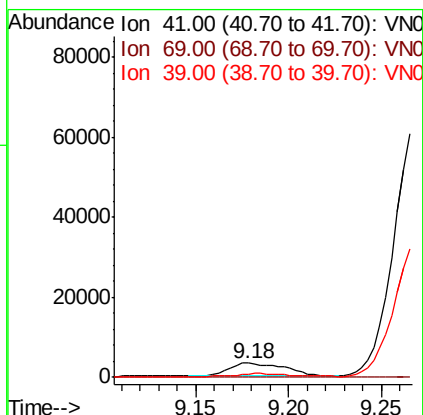
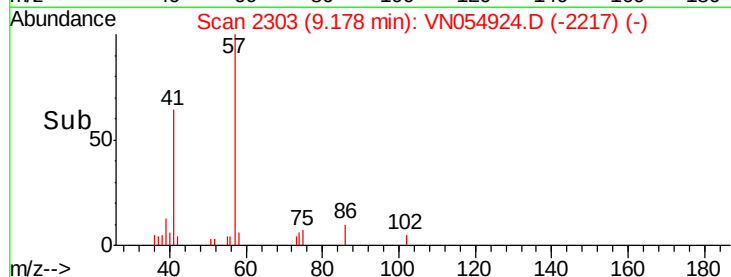
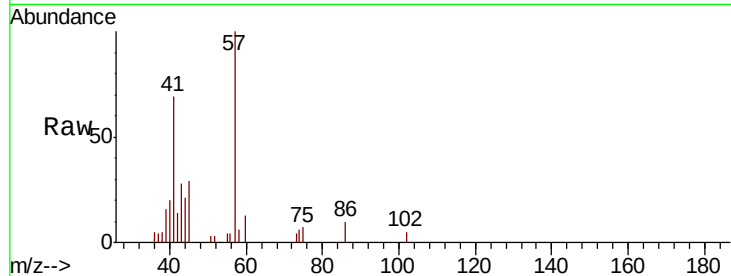




#48
Methvl methacrylate
Concen: 1.353 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN054924.D
Acq: 3 Apr 2019 14:15

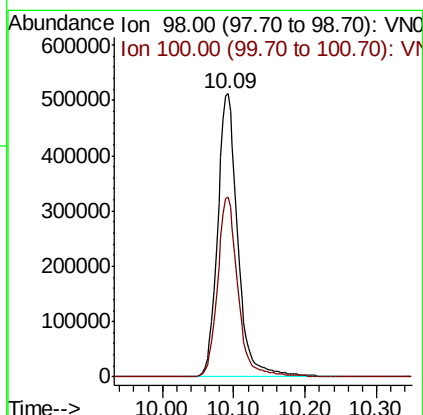
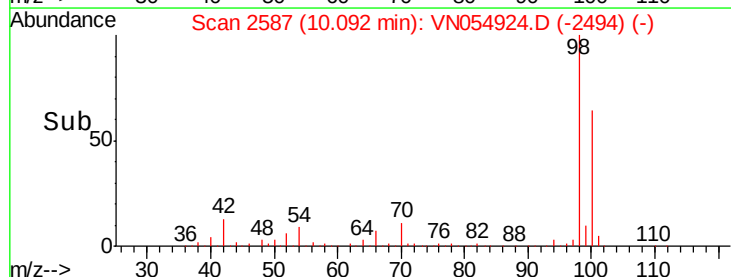
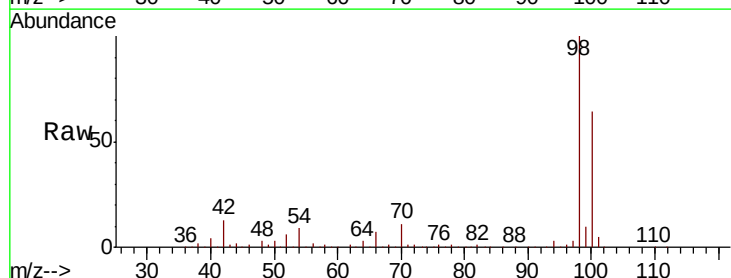
Instrument :
MSVOA_N
ClientSampleId :

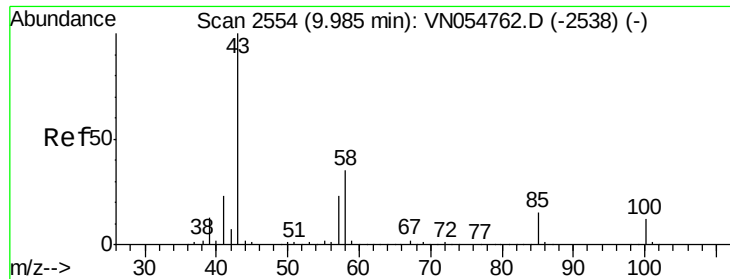
Tot Ion: 41 Resp: 6817
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 0.0 47.5 71.3#



#50
Toluene-d8
Concen: 48.446 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054924.D
Acq: 3 Apr 2019 14:15

Tgt Ion: 98 Resp: 1005139
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 0.990 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

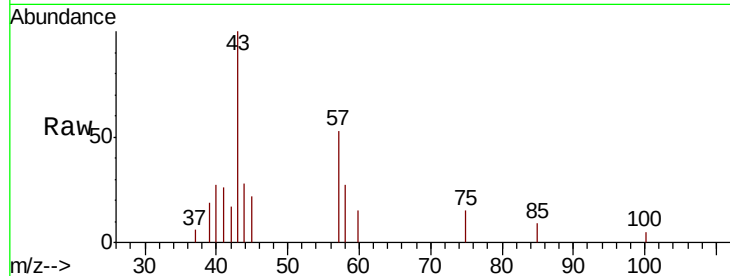
ClientSampled :

Tot Ion: 43 Resp: 5174

Ion Ratio Lower Upper

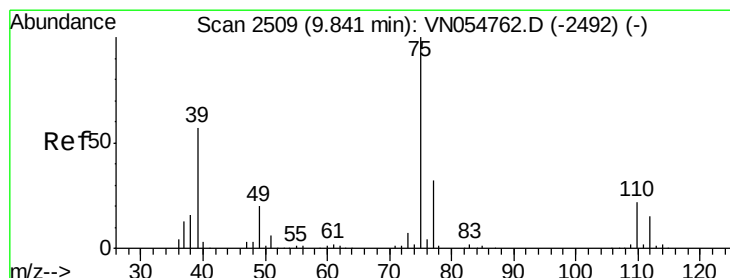
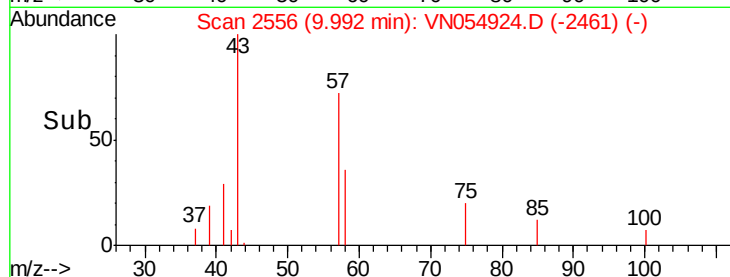
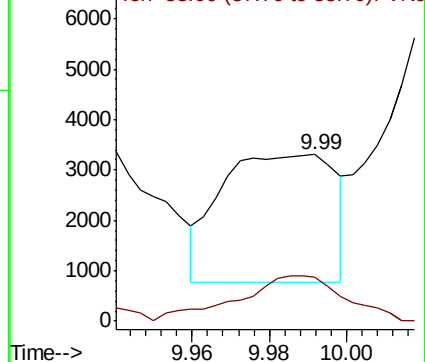
43 100

58 33.6 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.880 ug/l

RT: 9.91 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

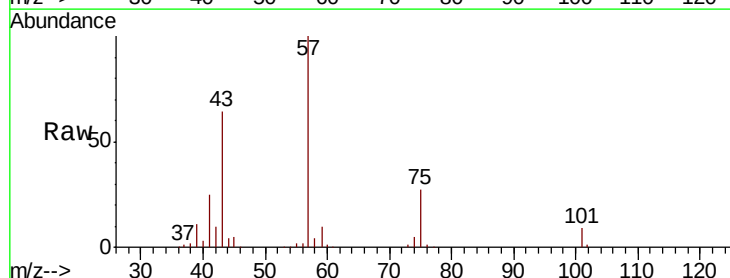
Tgt Ion: 75 Resp: 57522

Ion Ratio Lower Upper

75 100

77 0.7 25.4 38.0#

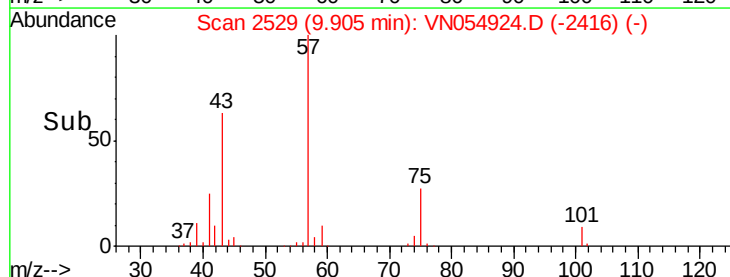
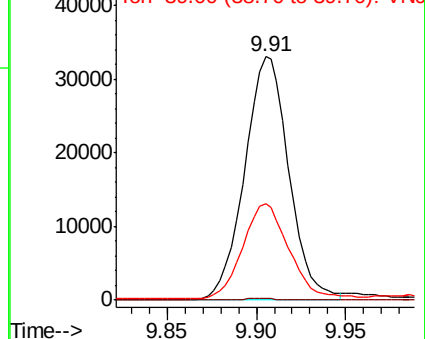
39 38.9 37.2 55.8

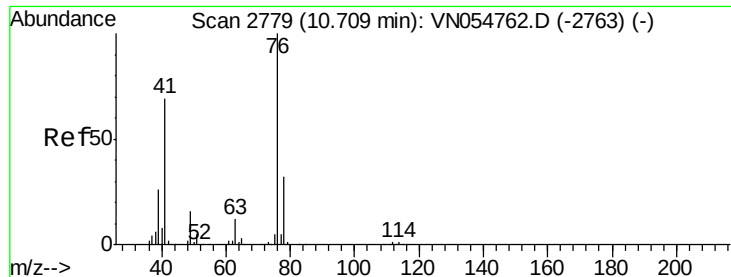


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.301 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

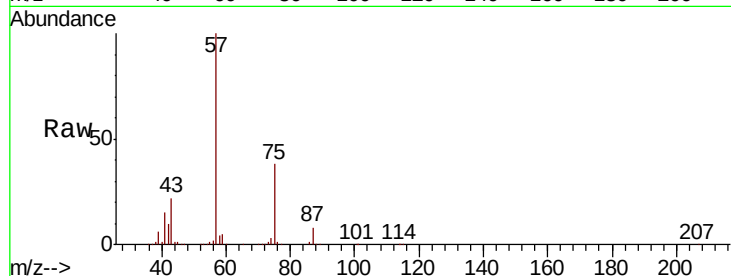
ClientSampleId :

Tot Ion: 76 Resp: 11046

Ion Ratio Lower Upper

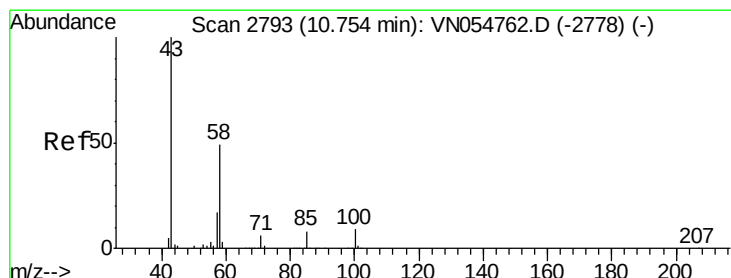
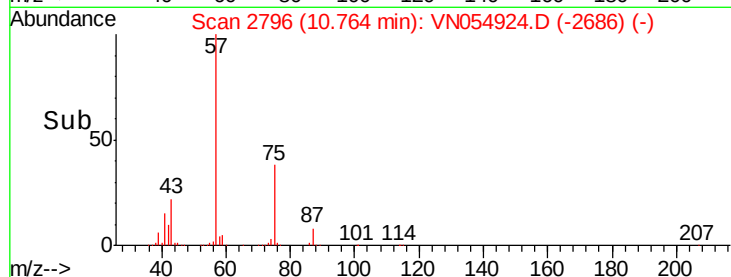
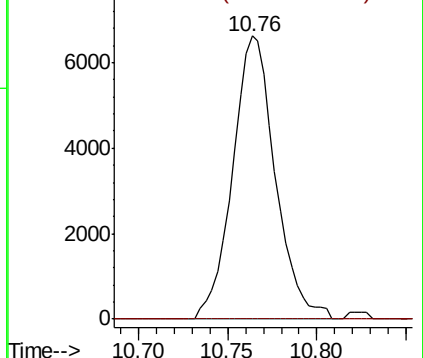
76 100

78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 53.889 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN054924.D

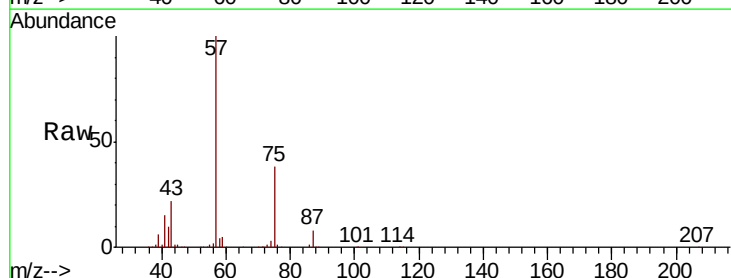
Acq: 3 Apr 2019 14:15

Tgt Ion: 43 Resp: 180258

Ion Ratio Lower Upper

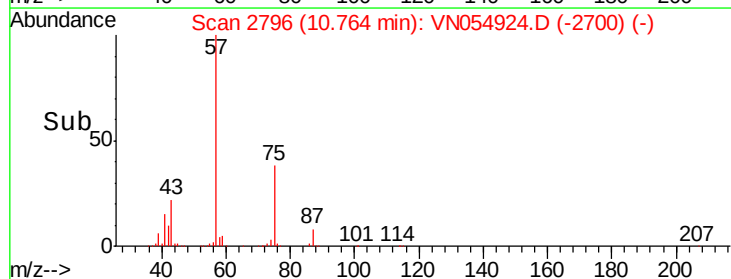
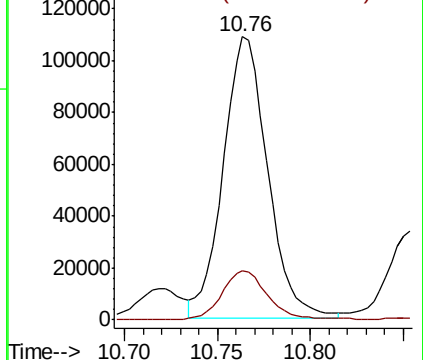
43 100

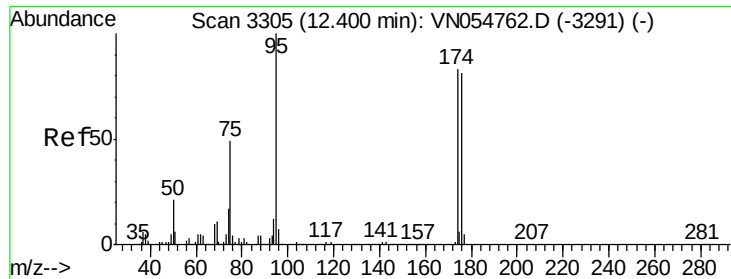
58 18.1 28.0 83.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.586 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

ClientSampled :

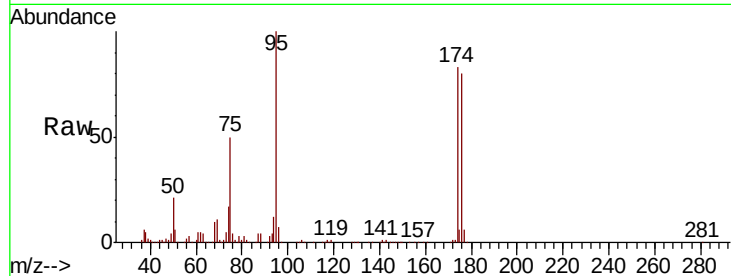
Tot Ion: 95 Resp: 321451

Ion Ratio Lower Upper

95 100

174 84.5 0.0 191.0

176 81.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054762.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054762.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054762.D (-3291) (-)

12.40

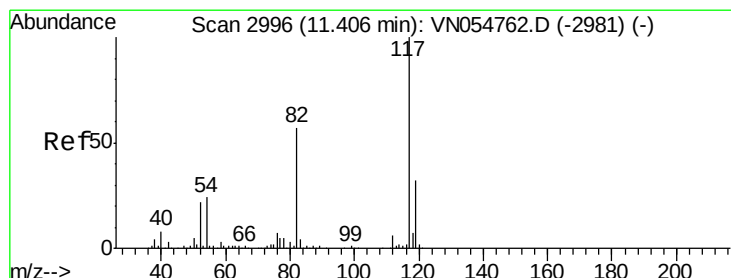
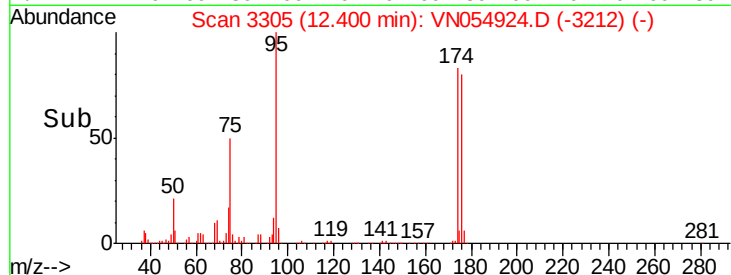
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

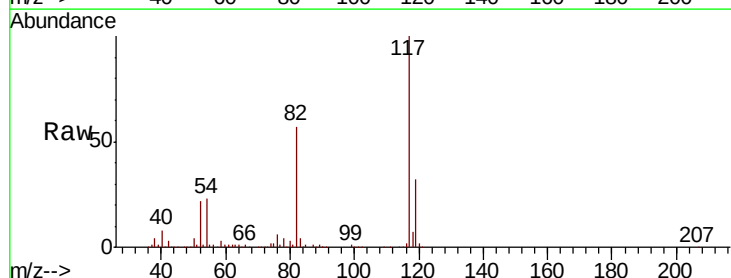
Tgt Ion: 117 Resp: 727856

Ion Ratio Lower Upper

117 100

82 56.6 40.0 60.0

119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN054762.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054762.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054762.D (-2981) (-)

11.41

500000

400000

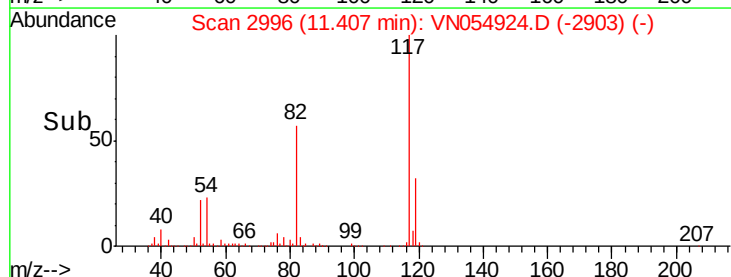
300000

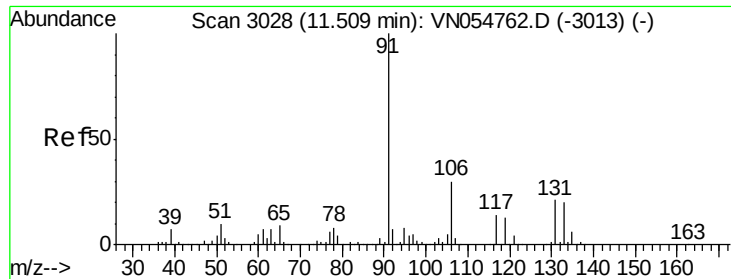
200000

100000

0

Time--> 11.30 11.40 11.50

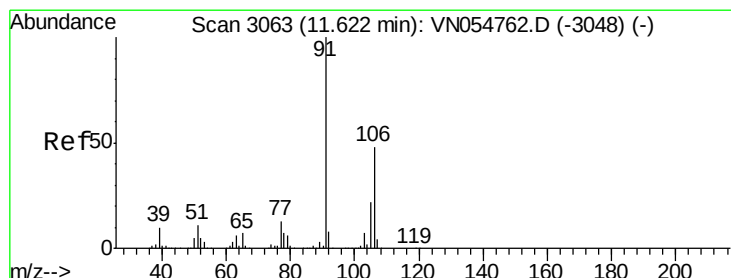
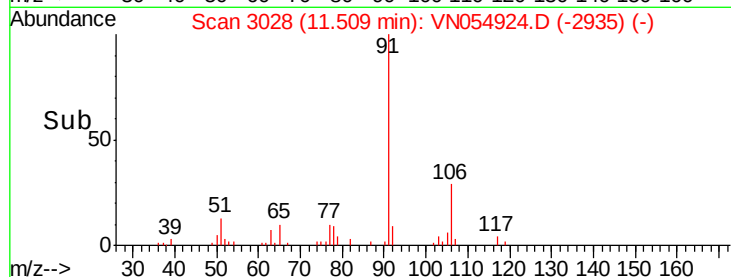
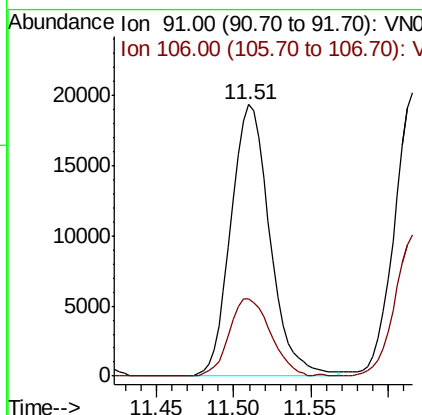
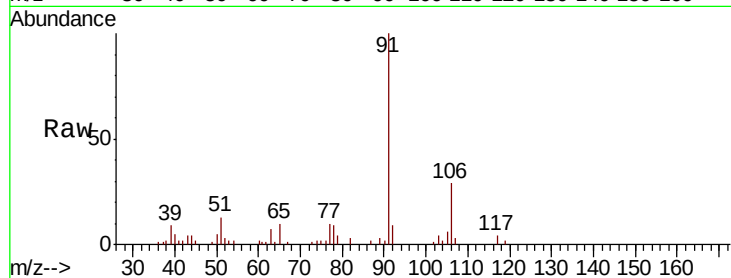




#67
Ethyl Benzene
Concen: 1.320 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054924.D
Acq: 3 Apr 2019 14:15

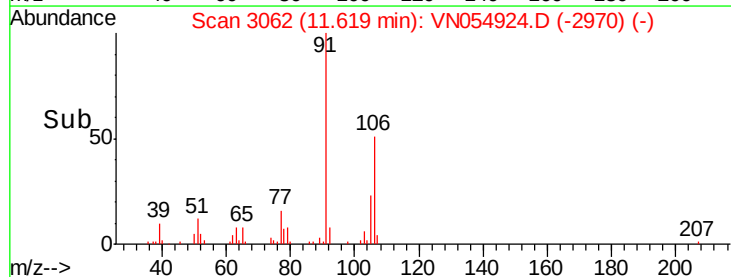
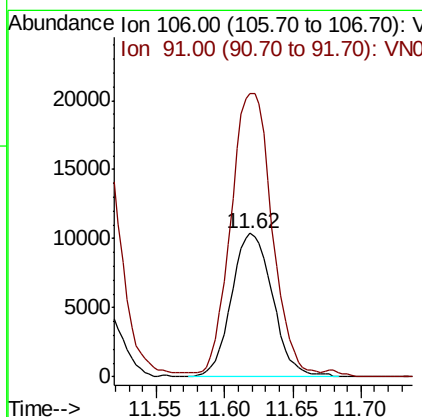
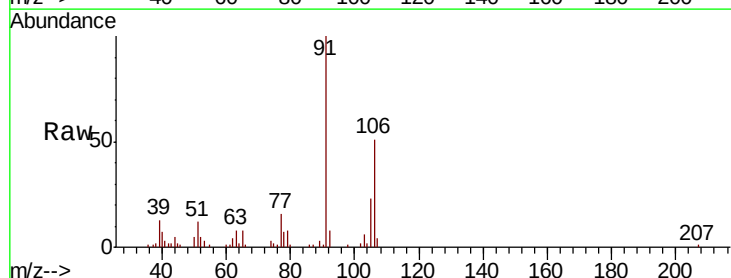
Instrument :
MSVOA_N
ClientSampled :

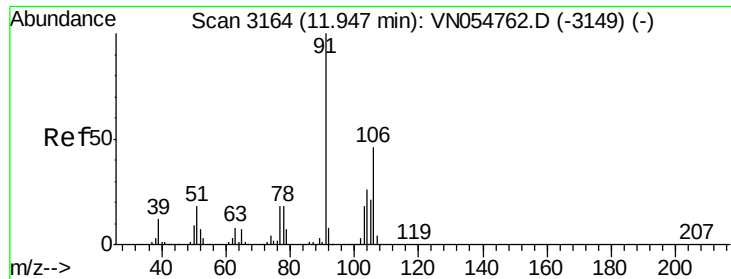
Tot Ion: 91 Resp: 33938
Ion Ratio Lower Upper
91 100
106 28.6 25.5 38.3



#68
m/p-Xylenes
Concen: 2.289 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054924.D
Acq: 3 Apr 2019 14:15

Tgt Ion: 106 Resp: 21787
Ion Ratio Lower Upper
106 100
91 192.8 159.4 239.2

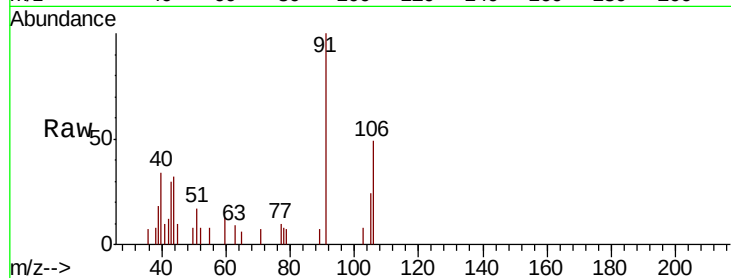




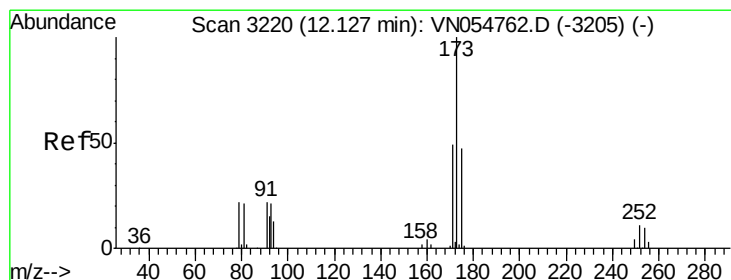
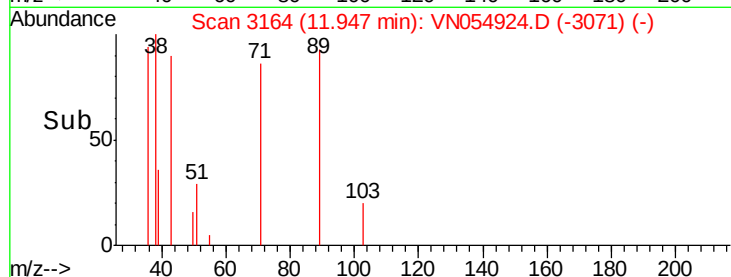
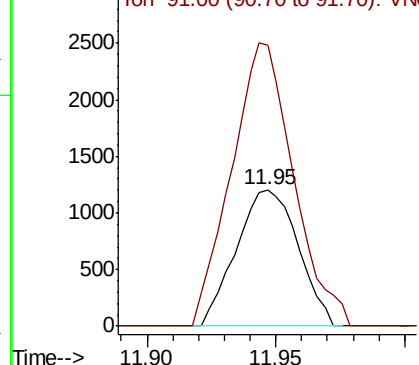
#69
o-Xylene
Concen: 0.216 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054924.D
Acq: 3 Apr 2019 14:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 2015
Ion Ratio Lower Upper
106 100
91 208.0 105.7 317.1

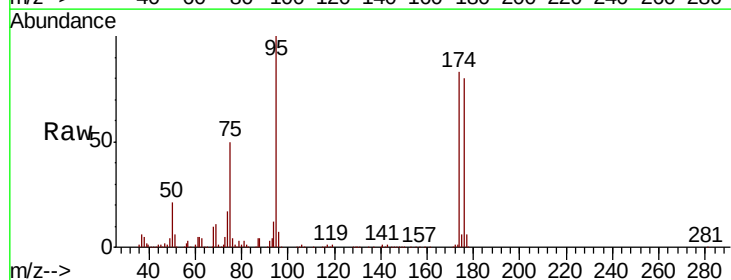


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

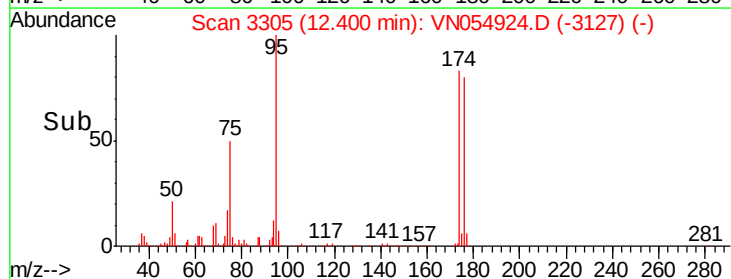
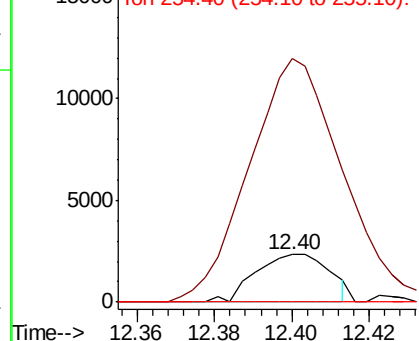


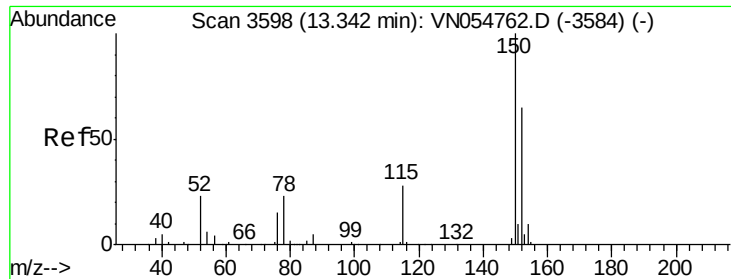
#71
Bromoform
Concen: 0.991 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054924.D
Acq: 3 Apr 2019 14:15

Tgt Ion:173 Resp: 3097
Ion Ratio Lower Upper
173 100
175 563.1 24.4 73.2#
254 0.0 0.1 0.1#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

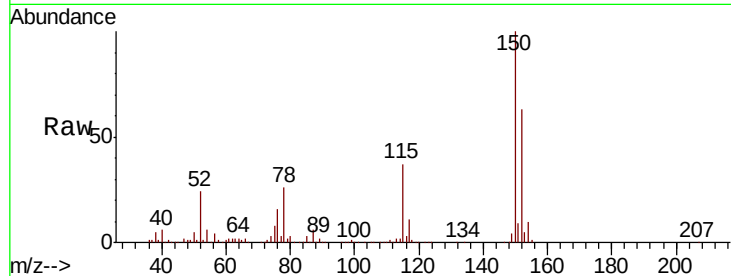
Tot Ion:152 Resp: 276053

Ion Ratio Lower Upper

152 100

115 59.0 27.2 81.6

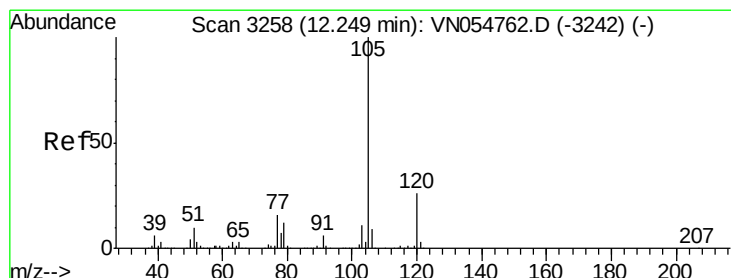
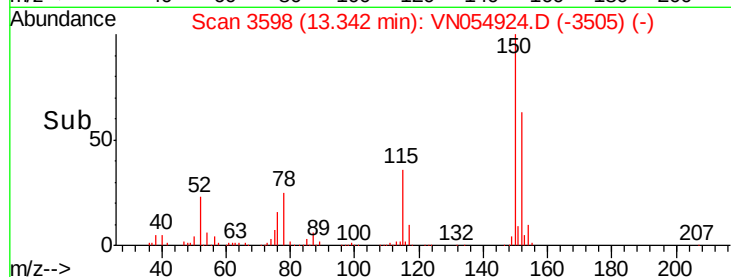
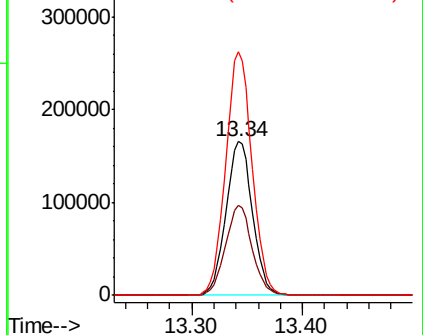
150 157.4 0.0 349.2



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: 0.325 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054924.D

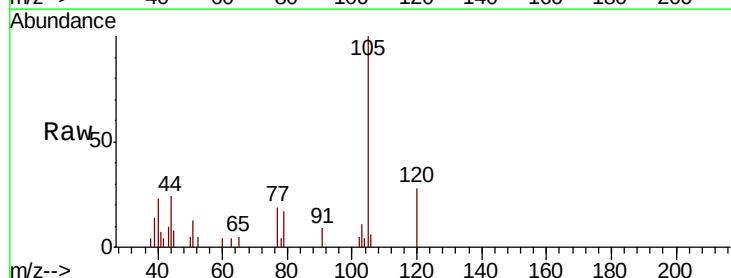
Acq: 3 Apr 2019 14:15

Tgt Ion:105 Resp: 7326

Ion Ratio Lower Upper

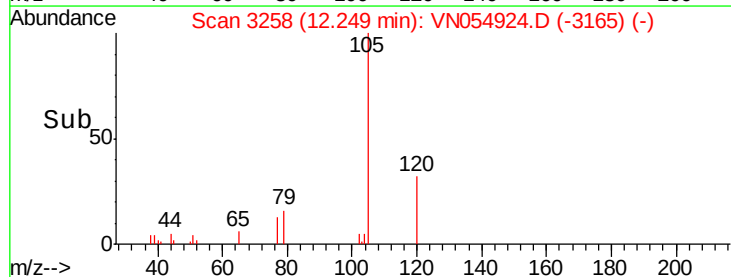
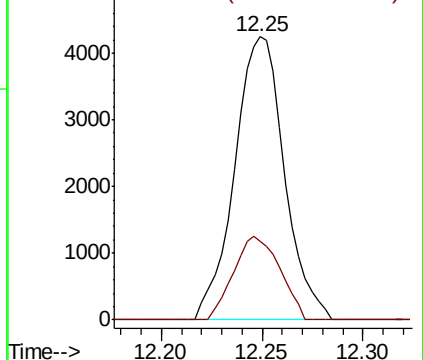
105 100

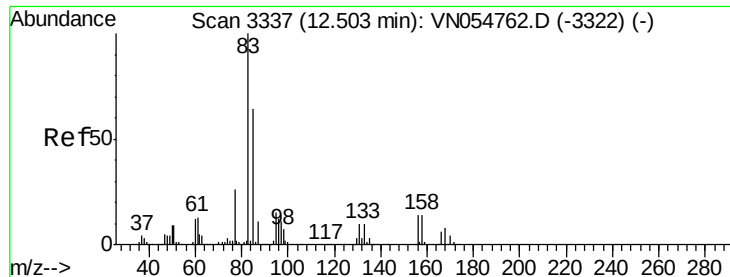
120 27.5 13.8 41.3



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: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

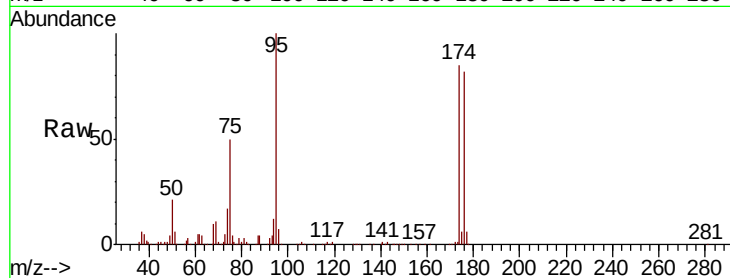
Tot Ion: 83 Resp: 311

Ion Ratio Lower Upper

83 100

131 153.4 5.8 17.4#

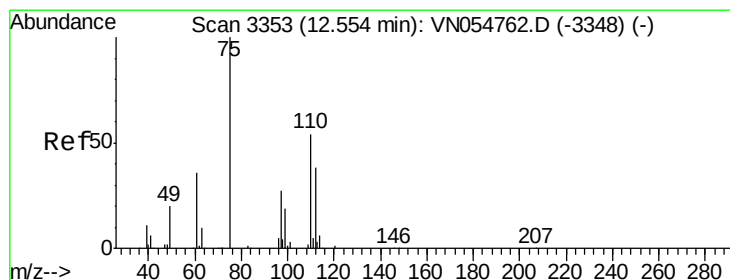
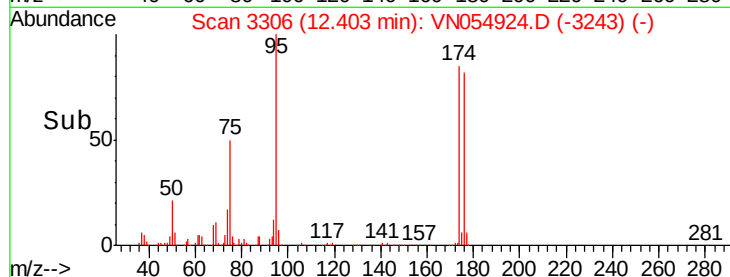
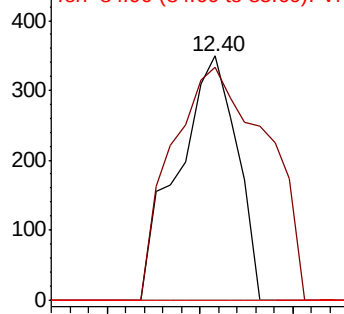
85 0.0 32.2 96.6#



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: 33.814 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054924.D

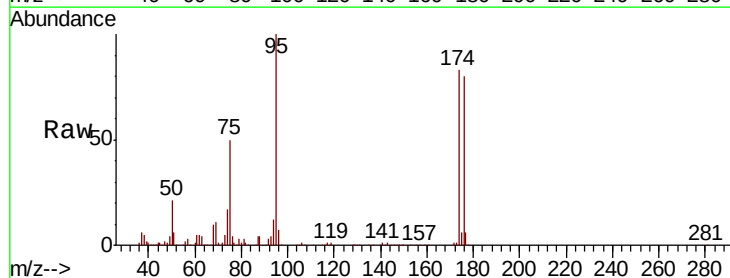
Acq: 3 Apr 2019 14:15

Tgt Ion: 75 Resp: 162161

Ion Ratio Lower Upper

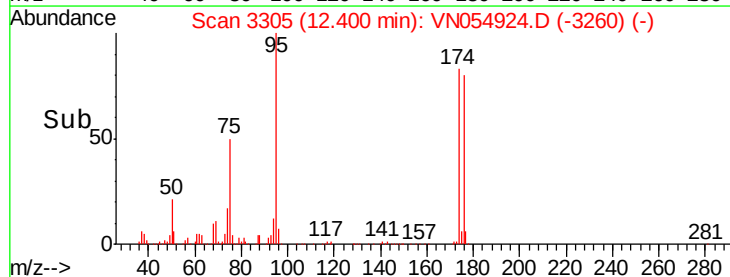
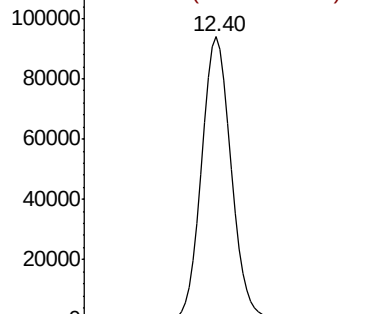
75 100

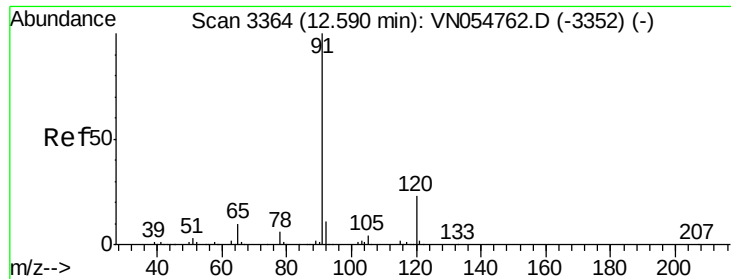
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 1.487 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

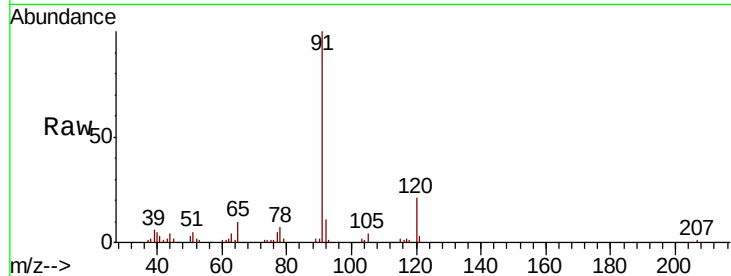
ClientSampled :

Tot Ion: 91 Resp: 36868

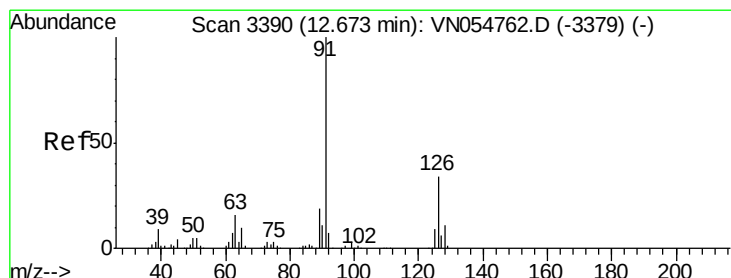
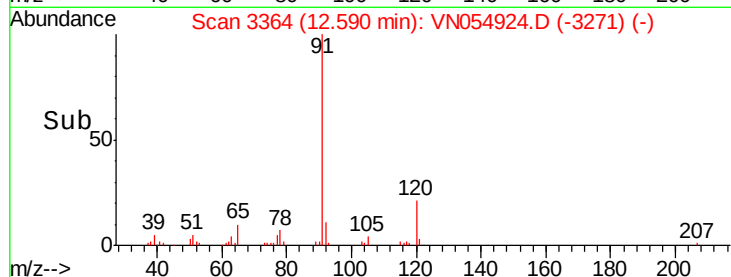
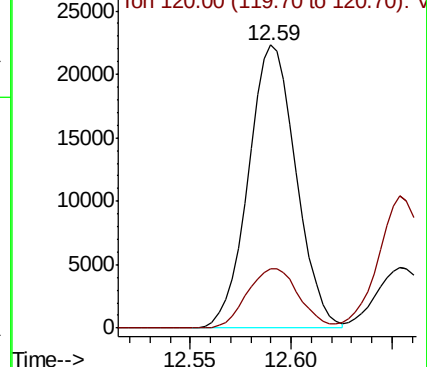
Ion Ratio Lower Upper

91 100

120 22.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN054762.D (-3352) (-)



#79

2-Chlorotoluene

Concen: 0.217 ug/l

RT: 12.69 min Scan# 3394

Delta R.T. 0.01 min

Lab File: VN054924.D

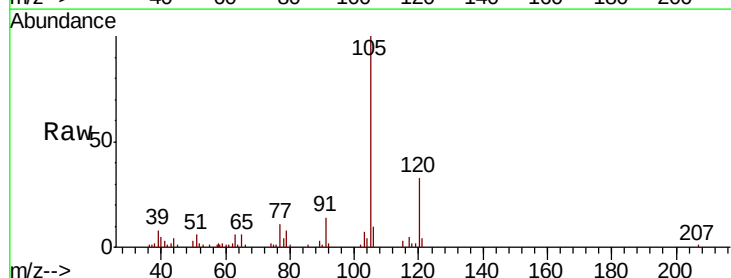
Acq: 3 Apr 2019 14:15

Tgt Ion: 91 Resp: 3323

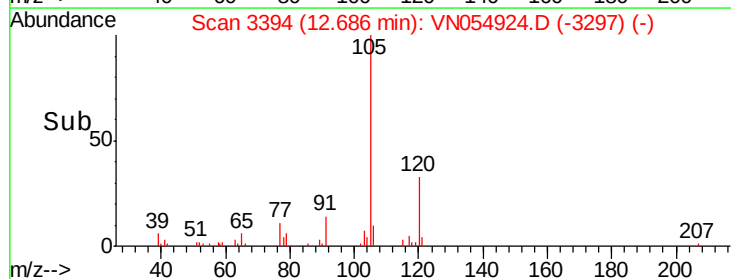
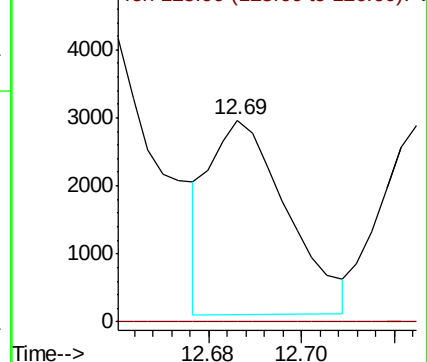
Ion Ratio Lower Upper

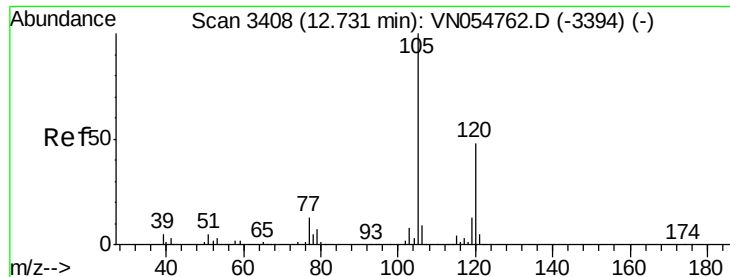
91 100

126 0.0 18.7 56.1#



Abundance Ion 91.00 (90.70 to 91.70): VN054762.D (-3379) (-)

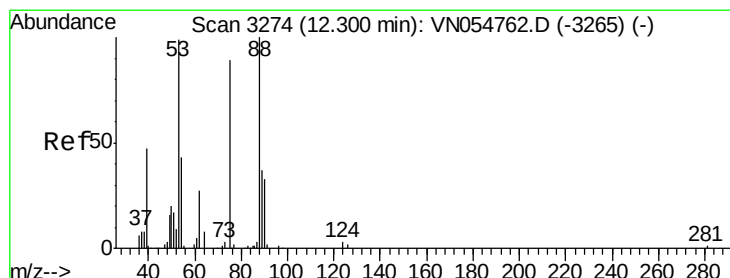
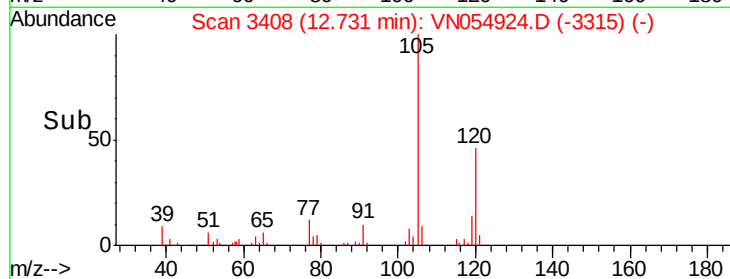
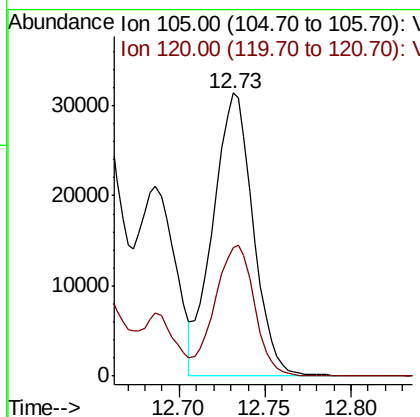
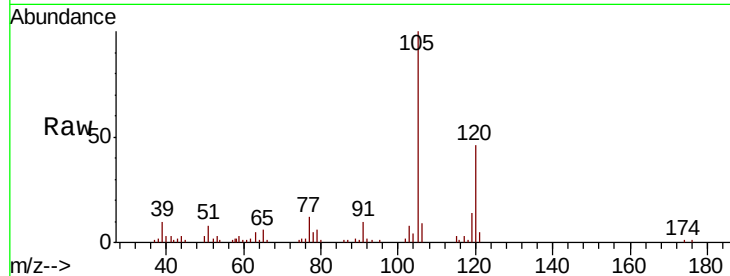




#80
 1,3,5-Trimethylbenzene
 Concen: 2.770 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN054924.D
 Acq: 3 Apr 2019 14:15

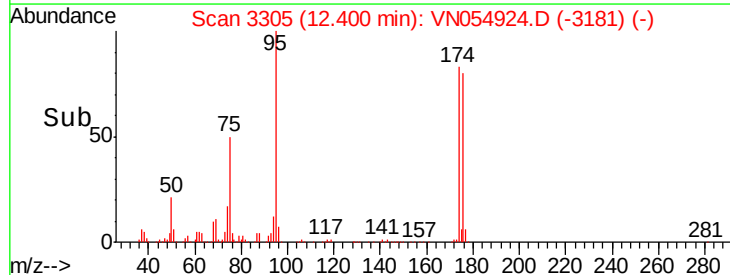
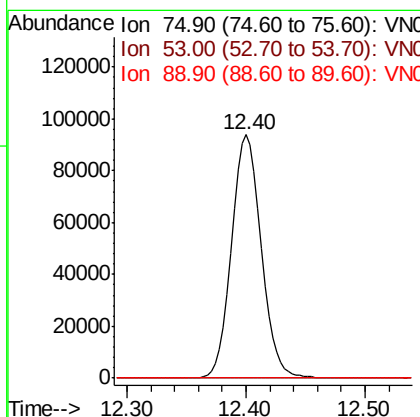
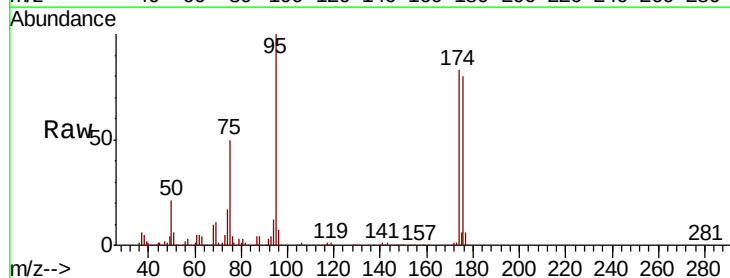
Instrument :
 MSVOA_N
 ClientSampleId :

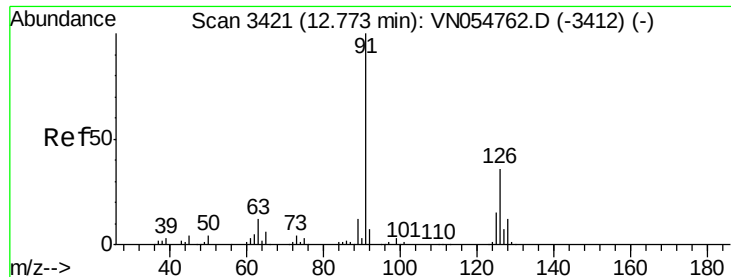
Tot Ion:105 Resp: 51292
 Ion Ratio Lower Upper
 105 100
 120 45.8 25.0 75.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.528 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN054924.D
 Acq: 3 Apr 2019 14:15

Tgt Ion: 75 Resp: 162161
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.2 114.2#
 89 0.0 39.2 58.8#

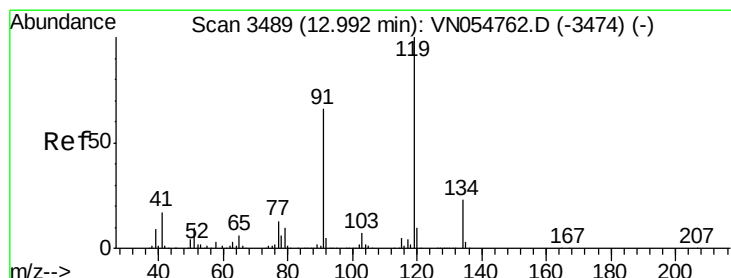
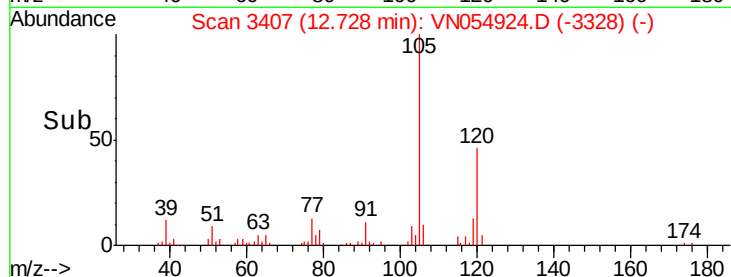
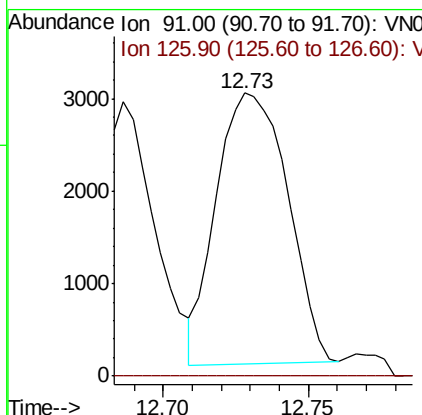
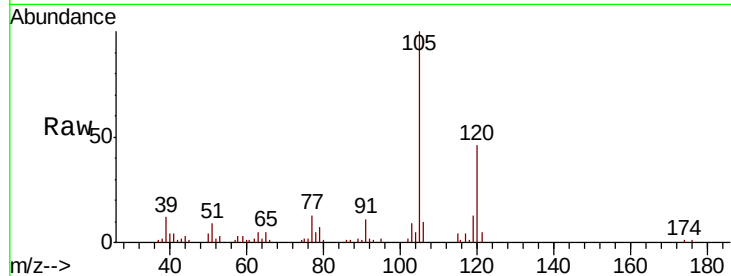




#82
4-Chlorotoluene
Concen: 0.337 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. -0.04 min
Lab File: VN054924.D
Acq: 3 Apr 2019 14:15

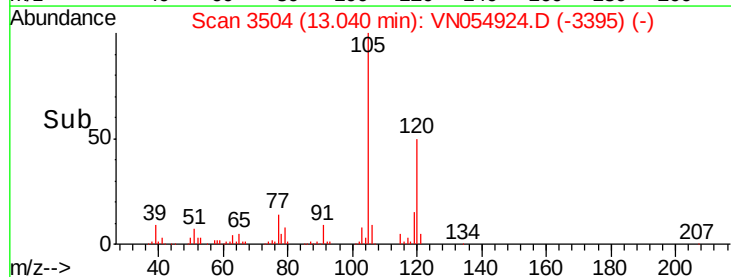
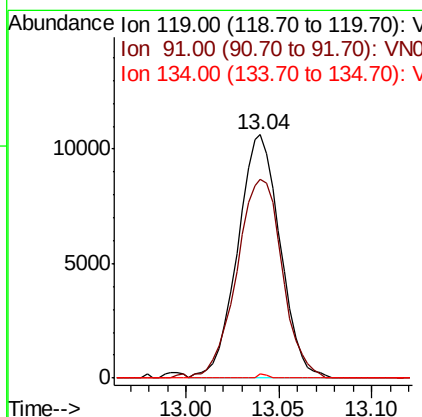
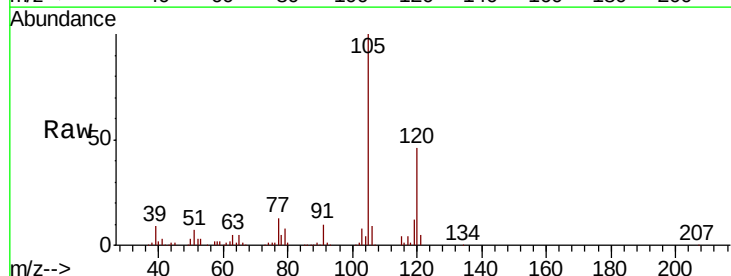
Instrument :
MSVOA_N
ClientSampleId :

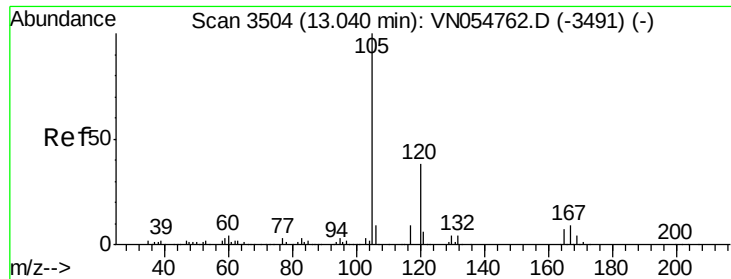
Tot Ion: 91 Resp: 5018
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#



#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN054924.D
Acq: 3 Apr 2019 14:15

Tgt Ion: 119 Resp: 16934
Ion Ratio Lower Upper
119 100
91 87.5 30.9 92.8
134 0.4 13.2 39.6#

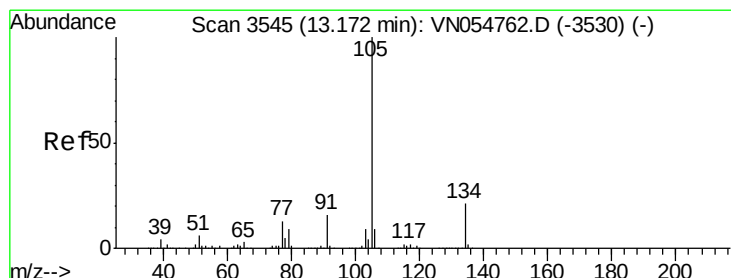
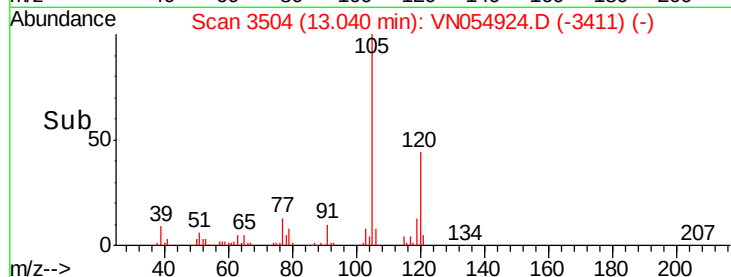
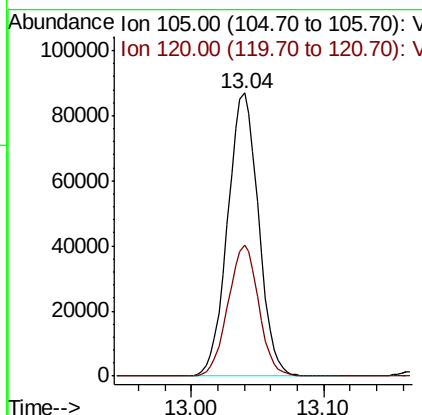
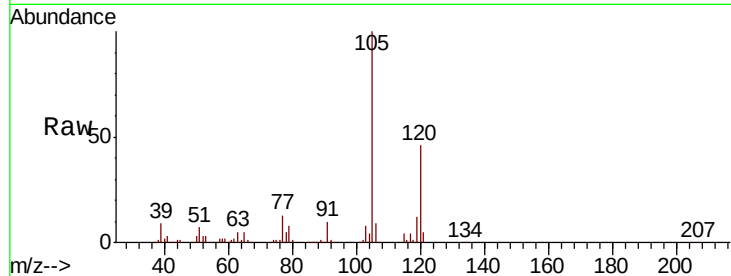




#84
 1,2,4-Trimethylbenzene
 Concen: 7.969 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054924.D
 Acq: 3 Apr 2019 14:15

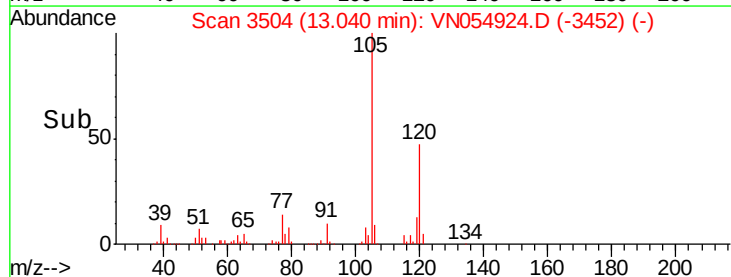
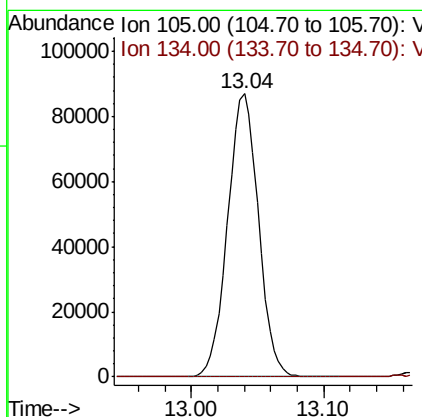
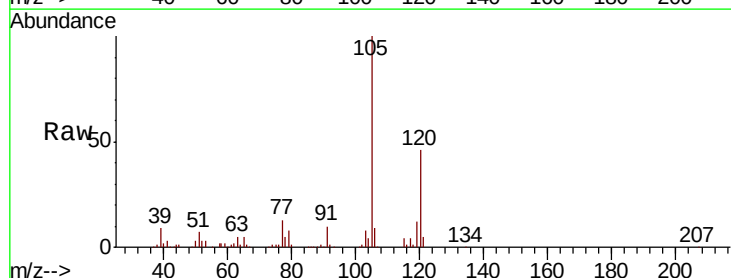
Instrument :
 MSVOA_N
 ClientSampleId :

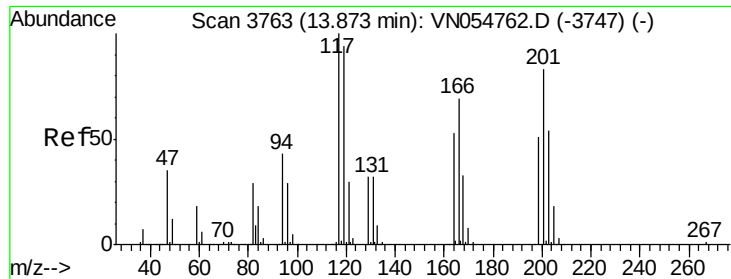
Tot Ion:105 Resp: 140556
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.4 70.3



#85
 sec-Butylbenzene
 Concen: 6.989 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN054924.D
 Acq: 3 Apr 2019 14:15

Tgt Ion:105 Resp: 140556
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 32.1#





#90

Hexachloroethane

Concen: 0.939 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

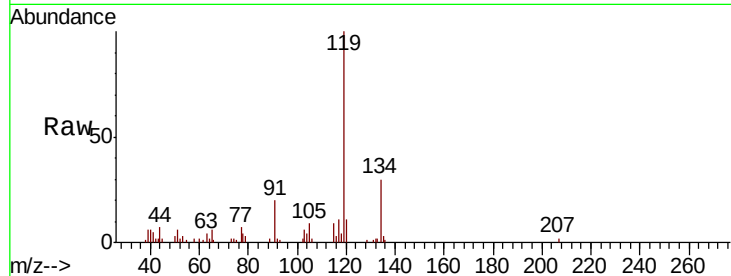
ClientSampled :

Tot Ion:117 Resp: 2829

Ion Ratio Lower Upper

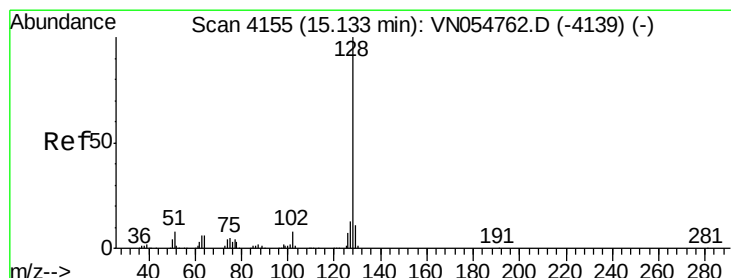
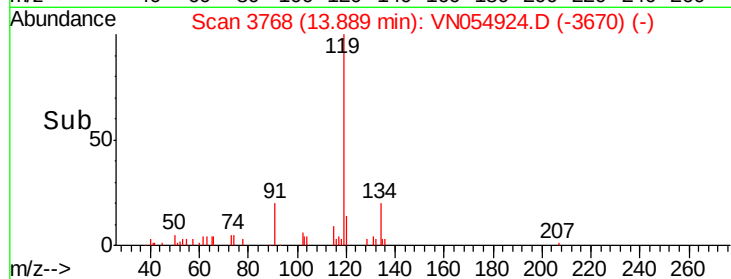
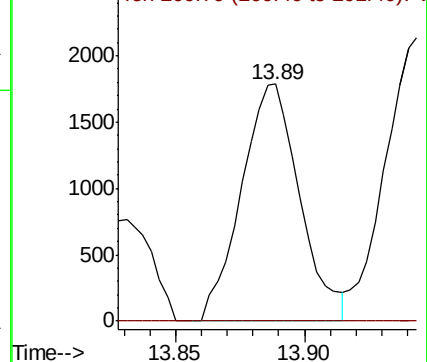
117 100

201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 0.563 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

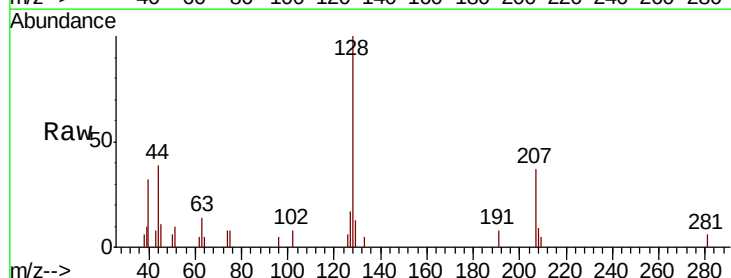
Tgt Ion:128 Resp: 5601

Ion Ratio Lower Upper

128 100

127 11.6 10.1 15.1

129 10.5 8.7 13.1



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

