

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033119\
 Data File : VN054859.D
 Acq On : 31 Mar 2019 19:04
 Operator : JC/SP
 Sample : K2180-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 01 02:49:19 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	544383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	895420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	747879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	277187	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	364464	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
35) Dibromofluoromethane	7.59	113	281499	47.15	ug/l	0.00
Spiked Amount			Recovery	=	94.30%	
50) Toluene-d8	10.09	98	1059930	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	
62) 4-Bromofluorobenzene	12.40	95	325161	44.05	ug/l	0.00
Spiked Amount			Recovery	=	88.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	131	Below Cal	#	2
13) Acrolein	3.62	56	149	0.436	ug/l #	1
16) Acetone	3.82	43	6511	3.721	ug/l #	78
20) Methylene Chloride	4.55	84	43747	7.087	ug/l #	83
25) 2-Butanone	6.86	43	582	0.225	ug/l #	46
30) Chloroform	7.37	83	8553	0.807	ug/l #	80
31) Cyclohexane	7.67	56	12339	Below Cal	#	25
36) 1,1-Dichloropropene	7.66	75	40664	4.874	ug/l #	47
38) Carbon Tetrachloride	7.67	117	50651	6.250	ug/l #	16
43) Isopropyl Acetate	8.17	43	17969	1.807	ug/l #	95
45) 1,2-Dichloropropane	9.28	63	1898	0.279	ug/l #	43
47) Bromodichloromethane	9.40	83	1995	0.251	ug/l #	91
48) Methyl methacrylate	9.18	41	9140	1.696	ug/l #	11
49) 1,4-Dioxane	9.27	88	126	2.356	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	9568	1.712	ug/l #	36
54) cis-1,3-Dichloropropene	9.91	75	62577	6.997	ug/l #	69
57) 1,3-Dichloropropane	10.76	76	12393	1.365	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.78	63	29	10.364	ug/l #	44
59) 2-Hexanone	10.77	43	201086	56.198	ug/l #	47
67) Ethyl Benzene	11.51	91	29324	1.110	ug/l	99
68) m/p-Xylenes	11.62	106	24525	2.508	ug/l	97
69) o-Xylene	11.95	106	3658	0.381	ug/l	95
71) Bromoform	12.40	173	2970	0.925	ug/l #	1
74) N-ethyl acetate	11.88	43	20449	2.897	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.40	83	276	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	170301	35.366	ug/l #	100
78) n-propylbenzene	12.59	91	10014	0.402	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	19364	1.042	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	170301	137.565	ug/l #	11
83) tert-Butylbenzene	13.04	119	6028	Below Cal	#	55
84) 1,2,4-Trimethylbenzene	13.04	105	50463	2.849	ug/l	96
85) sec-Butylbenzene	13.04	105	50463	2.499	ug/l #	55
95) Naphthalene	15.14	128	9030	0.904	ug/l	98

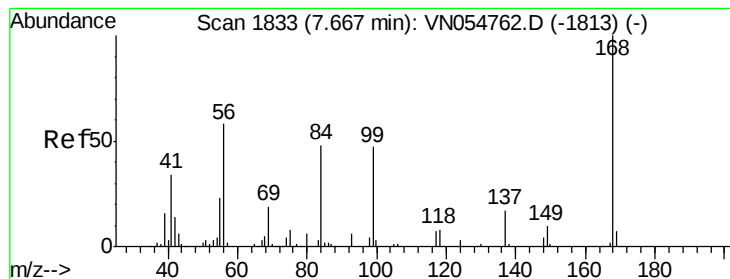
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033119\
Data File : VN054859.D
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Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054859.D

Acq: 31 Mar 2019 19:04

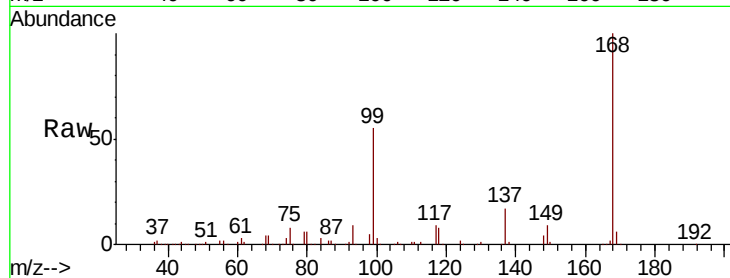
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 544383

Ion Ratio Lower Upper

168 100

99 55.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054762.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054762.D (-1813) (-)

7.67

250000

200000

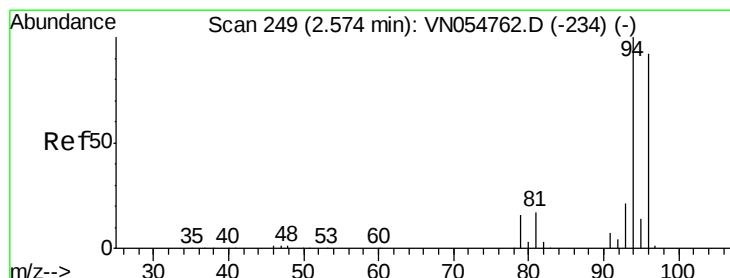
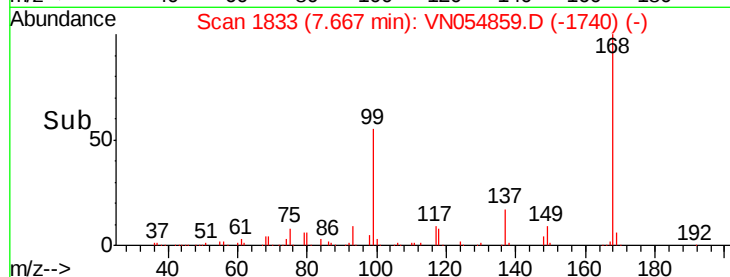
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN054859.D

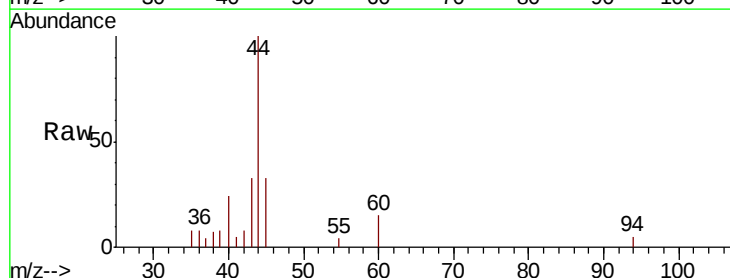
Acq: 31 Mar 2019 19:04

Tgt Ion: 94 Resp: 131

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN054762.D (-234) (-)

Ion 95.90 (95.60 to 96.60): VN054762.D (-234) (-)

2.57

200

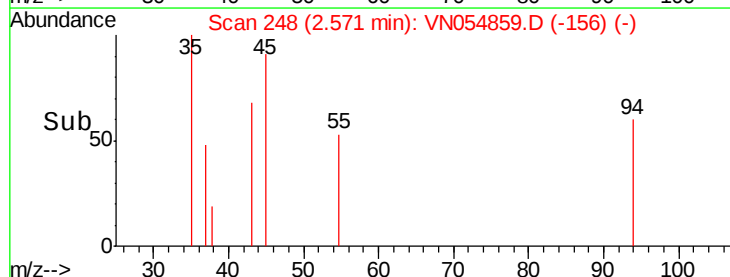
150

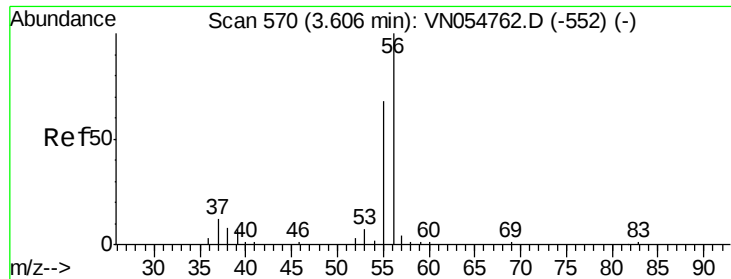
100

50

0

Time--> 2.56 2.57 2.58

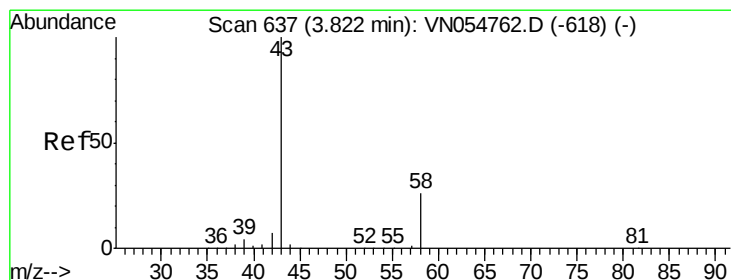
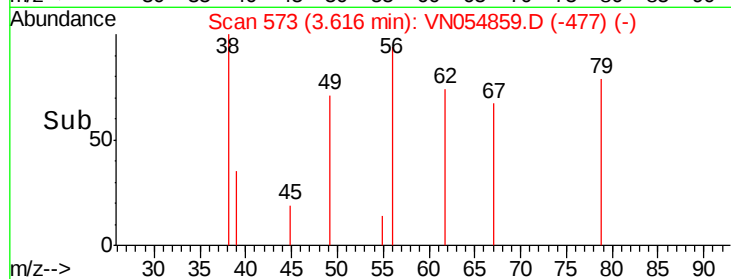
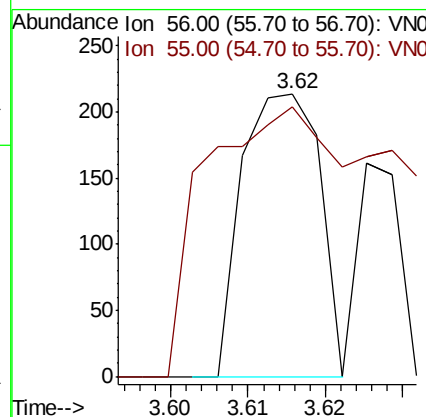
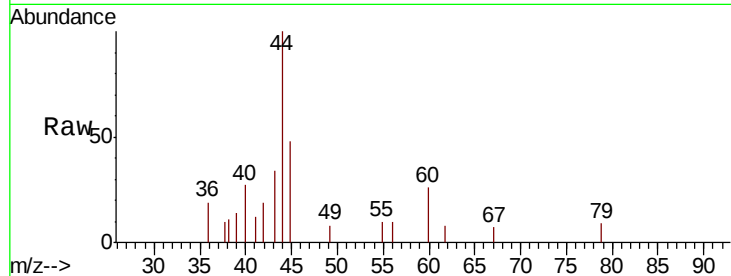




#13
Acrolein
Concen: 0.436 ug/l
RT: 3.62 min Scan# 573
Delta R.T. 0.01 min
Lab File: VN054859.D
Acq: 31 Mar 2019 19:04

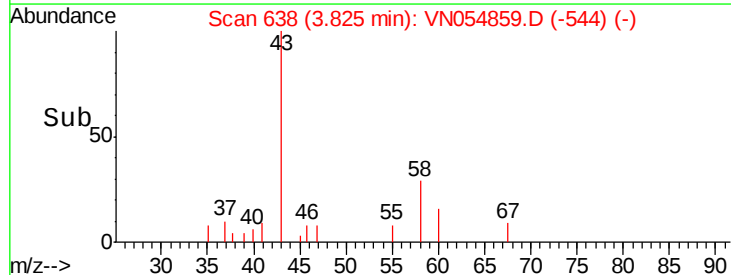
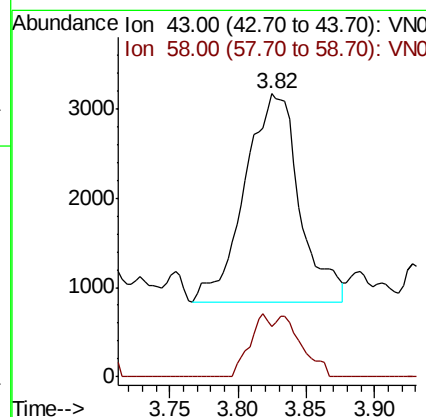
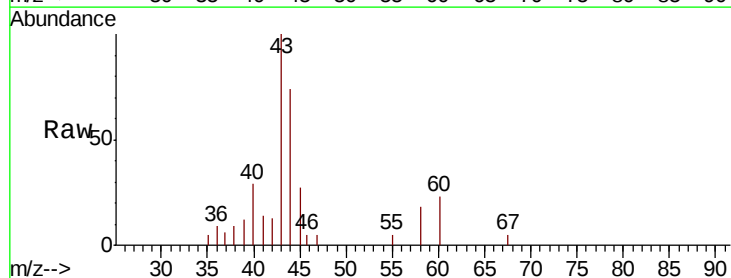
Instrument :
MSVOA_N
ClientSampled :

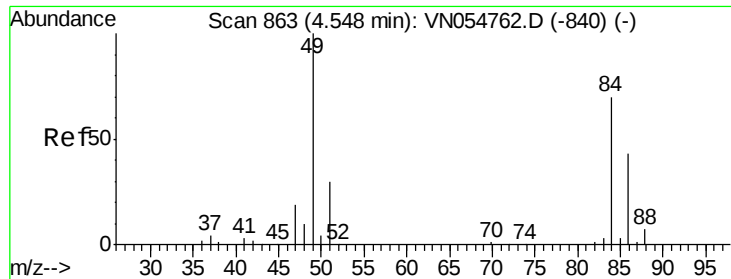
Tot Ion: 56 Resp: 149
Ion Ratio Lower Upper
56 100
55 223.5 56.7 85.1#



#16
Acetone
Concen: 3.721 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.00 min
Lab File: VN054859.D
Acq: 31 Mar 2019 19:04

Tgt Ion: 43 Resp: 6511
Ion Ratio Lower Upper
43 100
58 24.4 29.9 44.9#

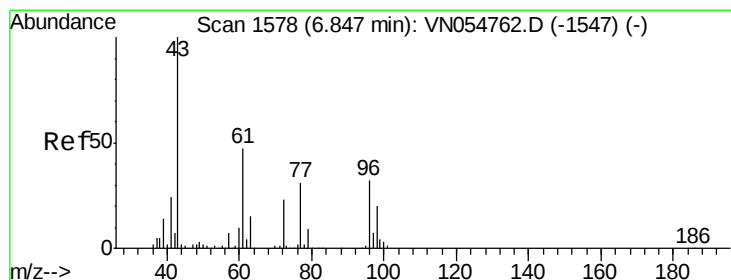
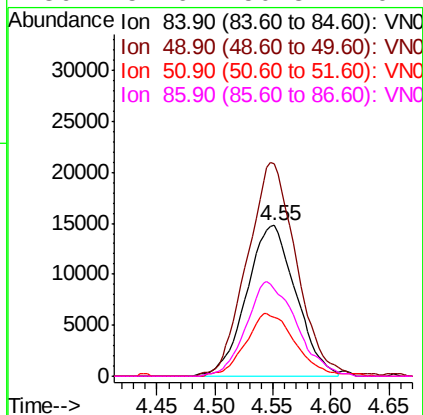
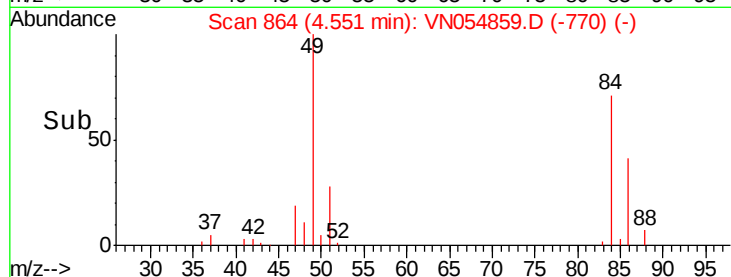
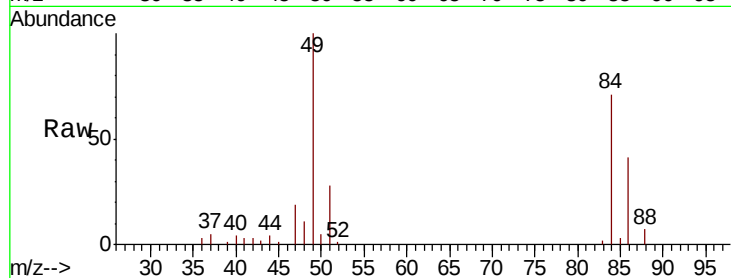




#20
Methvlene Chloride
Concen: 7.087 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054859.D
Acq: 31 Mar 2019 19:04

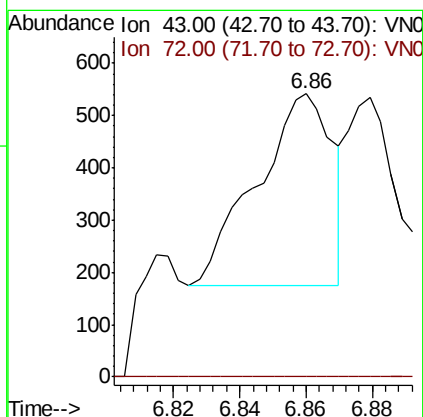
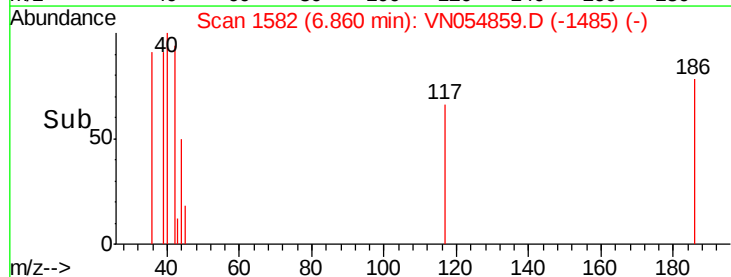
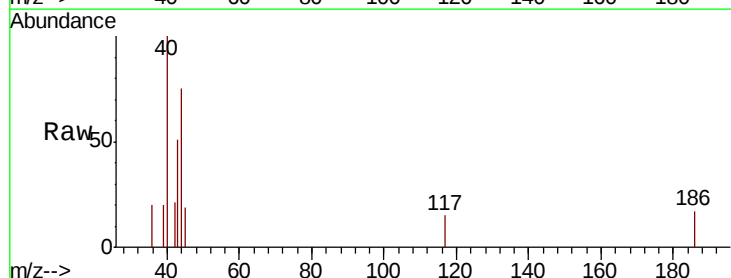
Instrument :
MSVOA_N
ClientSampleId :

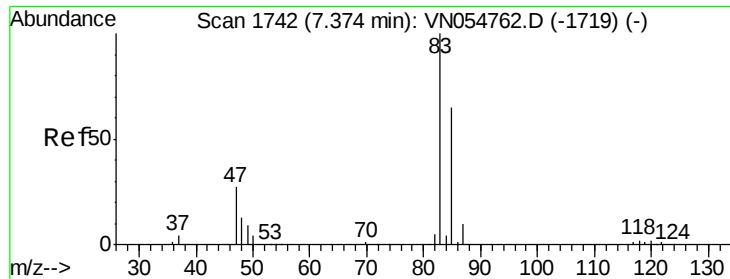
Tot Ion: 84 Resp: 43747
Ion Ratio Lower Upper
84 100
49 140.5 89.7 134.5#
51 38.7 28.2 42.4
86 57.6 50.8 76.2



#25
2-Butanone
Concen: 0.225 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VN054859.D
Acq: 31 Mar 2019 19:04

Tgt Ion: 43 Resp: 582
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#

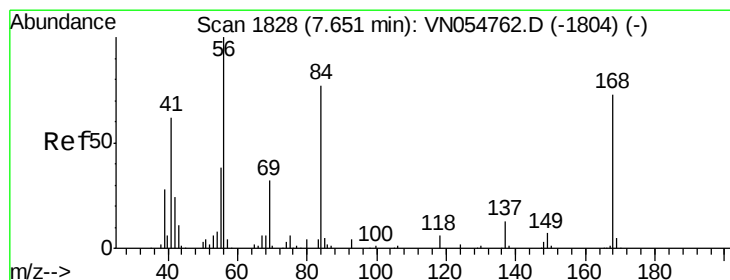
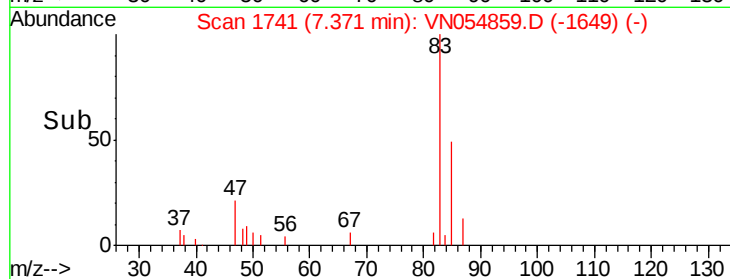
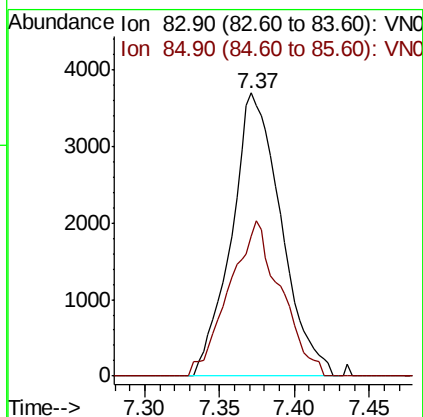
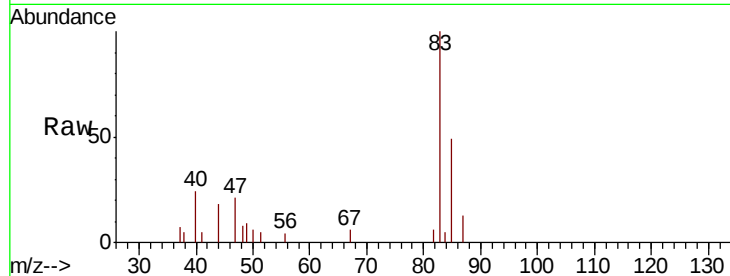




#30
Chloroform
Concen: 0.807 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054859.D
Acq: 31 Mar 2019 19:04

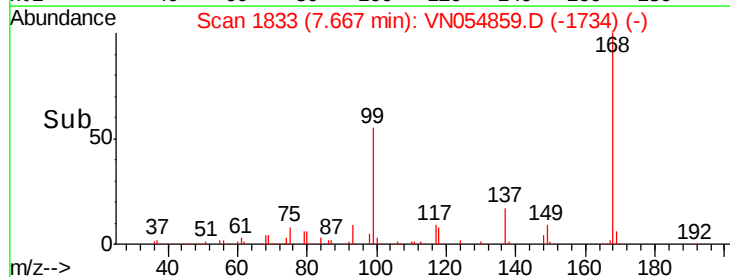
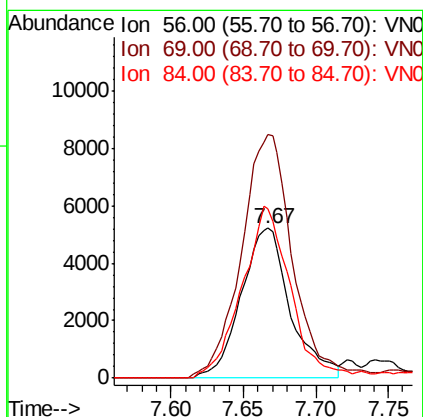
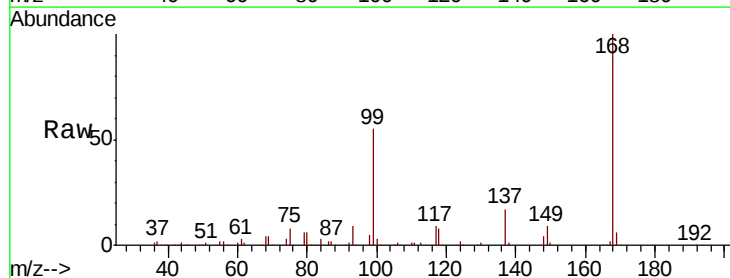
Instrument :
MSVOA_N
ClientSampleId :

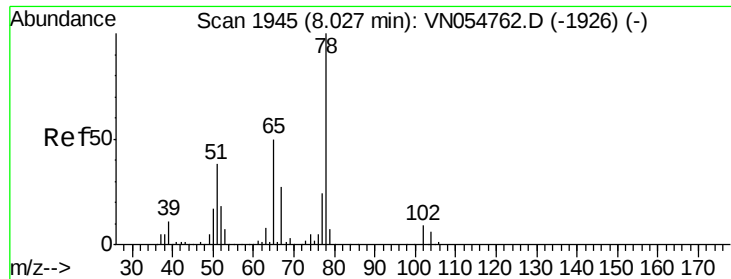
Tot Ion: 83 Resp: 8553
Ion Ratio Lower Upper
83 100
85 49.3 52.2 78.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054859.D
Acq: 31 Mar 2019 19:04

Tgt Ion: 56 Resp: 12339
Ion Ratio Lower Upper
56 100
69 162.7 27.8 41.6#
84 113.3 74.6 111.8#

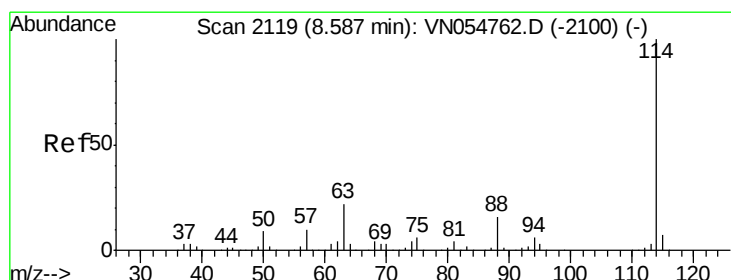
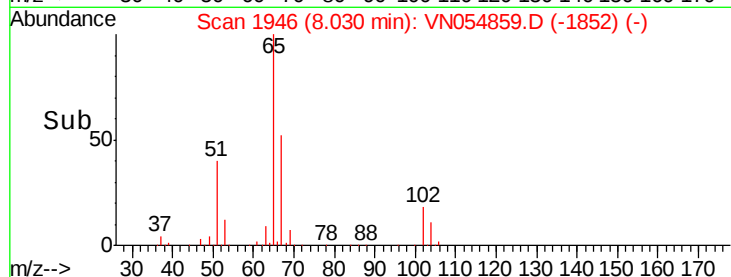
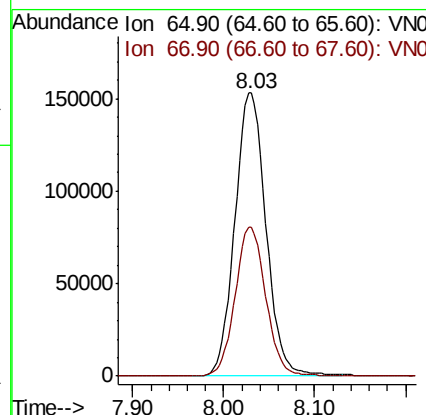
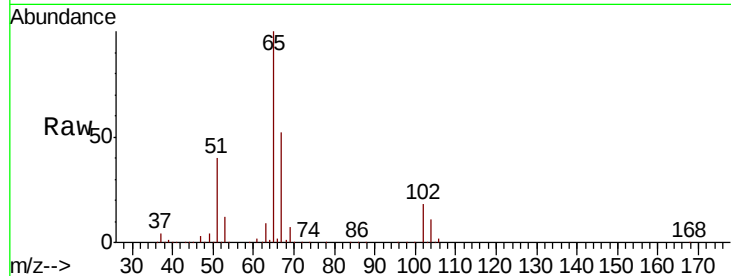




#33
 1,2-Dichloroethane-d4
 Concen: 49.665 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054859.D
 Acq: 31 Mar 2019 19:04

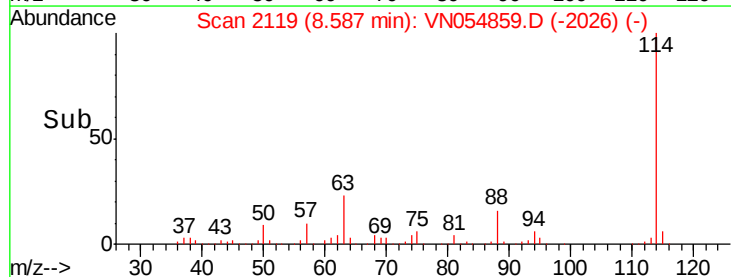
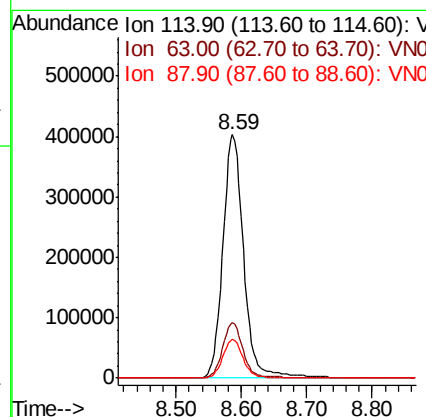
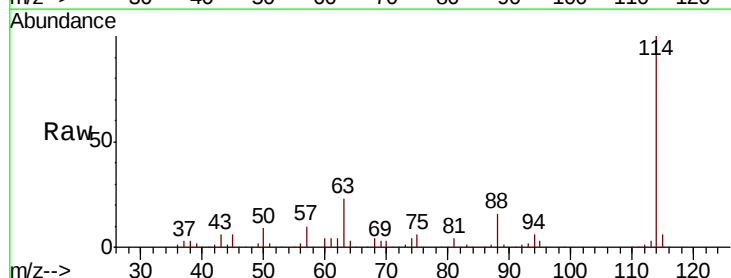
Instrument :
 MSVOA_N
 ClientSampleId :

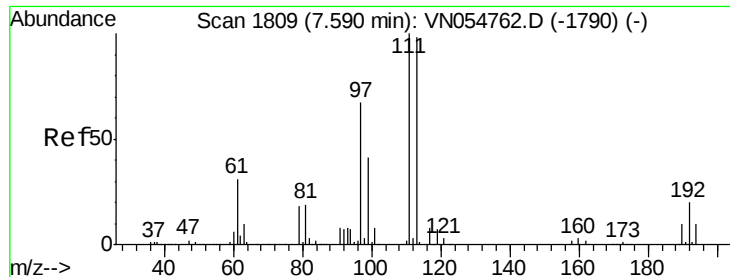
Tot Ion: 65 Resp: 364464
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054859.D
 Acq: 31 Mar 2019 19:04

Tgt Ion: 114 Resp: 895420
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 35.2
 88 16.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.155 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

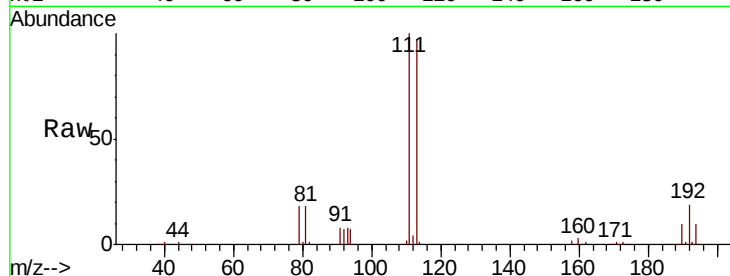
Lab File: VN054859.D

Acq: 31 Mar 2019 19:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:113 Resp: 281499

Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.2	123.4
192	20.7	19.2	28.8

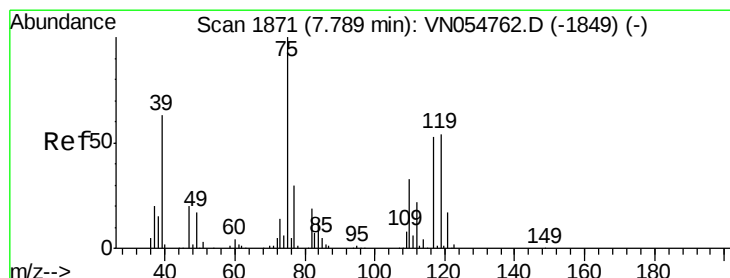
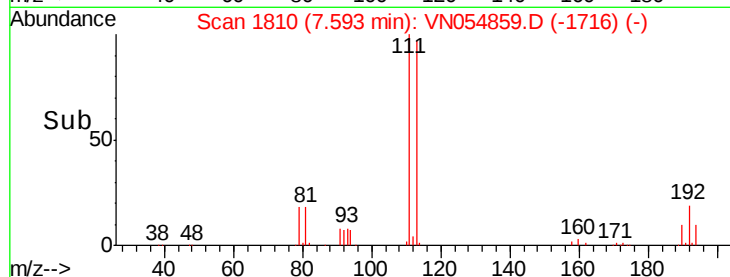
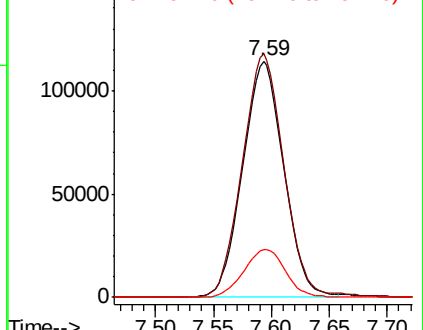


Abundance

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: 4.874 ug/l

RT: 7.66 min Scan# 1832

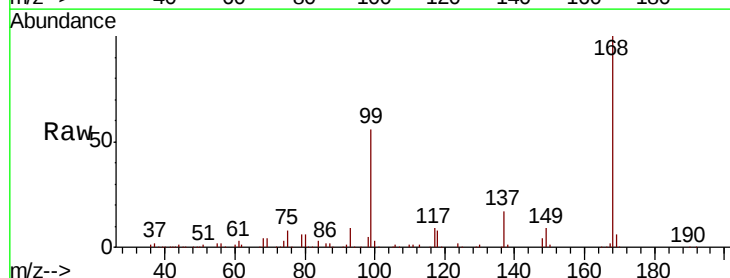
Delta R.T. -0.13 min

Lab File: VN054859.D

Acq: 31 Mar 2019 19:04

Tgt Ion: 75 Resp: 40664

Ion	Ratio	Lower	Upper
75	100		
110	7.5	19.1	57.5#
77	0.0	25.0	37.4#

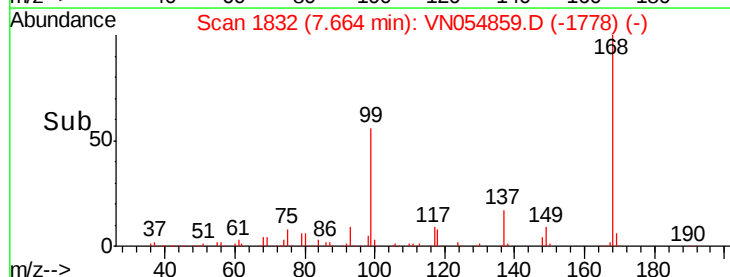
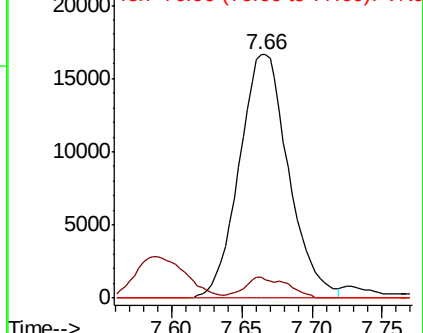


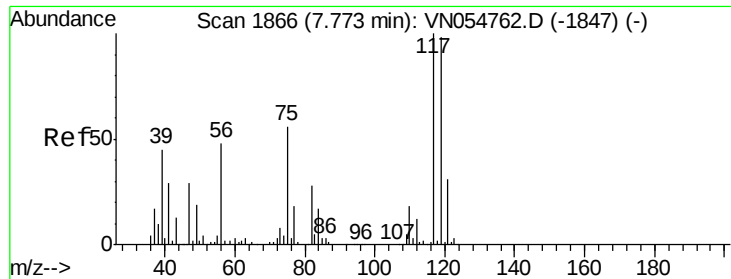
Abundance

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: 6.250 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054859.D

Acq: 31 Mar 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

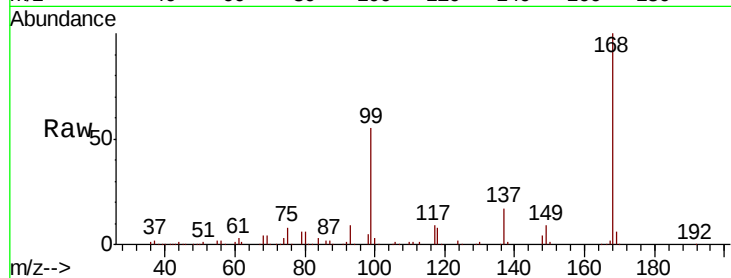
Tot Ion:117 Resp: 50651

Ion Ratio Lower Upper

117 100

119 4.8 76.3 114.5#

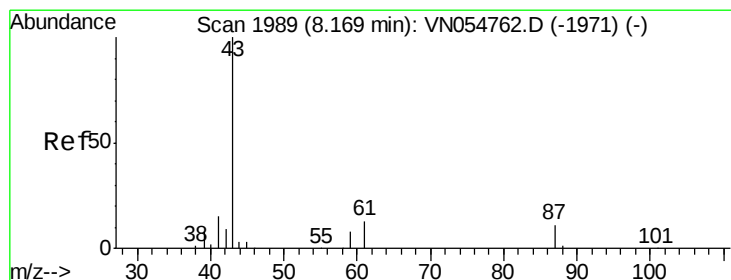
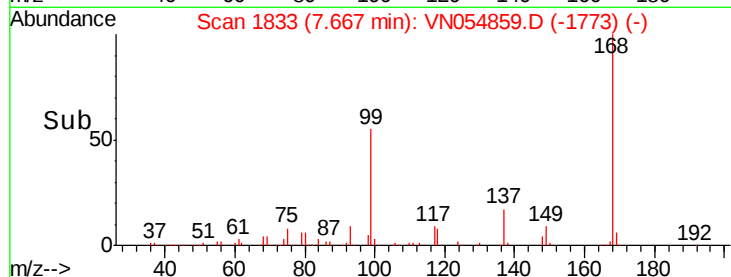
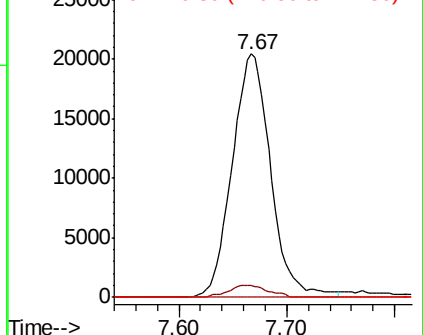
121 0.0 24.6 36.8#



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: 1.807 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054859.D

Acq: 31 Mar 2019 19:04

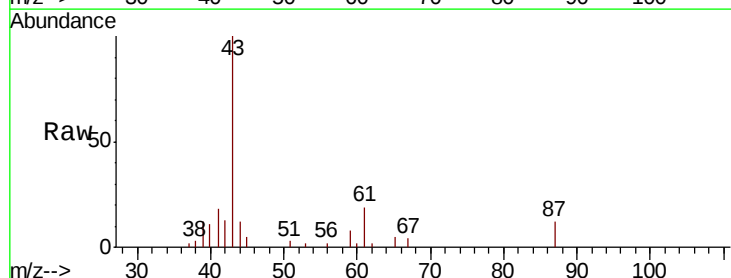
Tgt Ion: 43 Resp: 17969

Ion Ratio Lower Upper

43 100

61 18.4 15.8 23.8

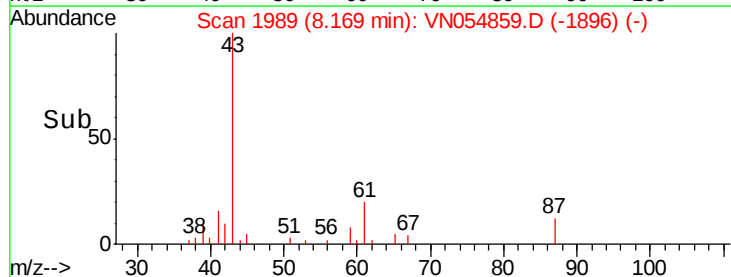
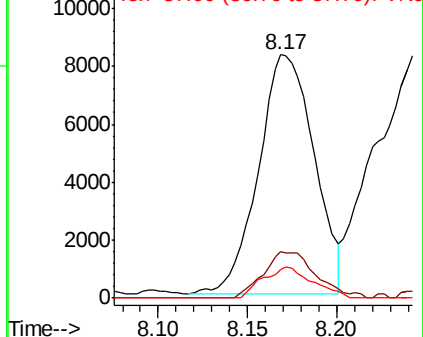
87 11.5 12.0 18.0#

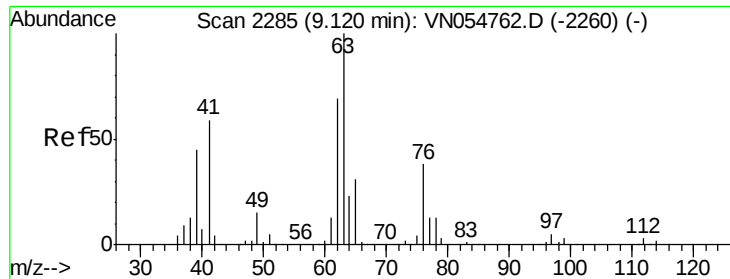


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.279 ug/l

RT: 9.28 min Scan# 2334

Delta R.T. 0.16 min

Lab File: VN054859.D

Acq: 31 Mar 2019 19:04

Instrument :

MSVOA_N

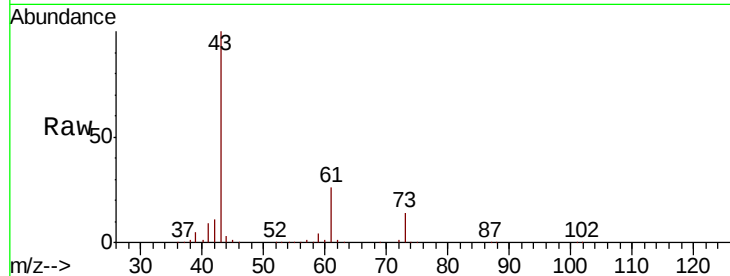
ClientSampled :

Tot Ion: 63 Resp: 1898

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.28

1000

800

600

400

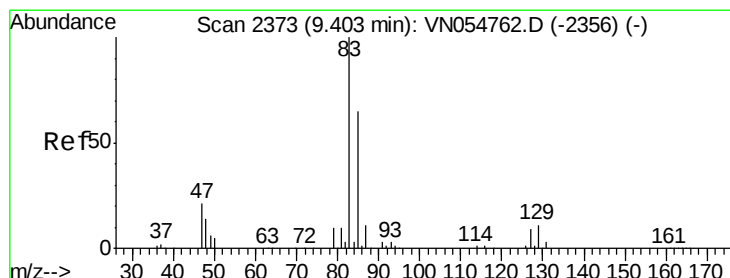
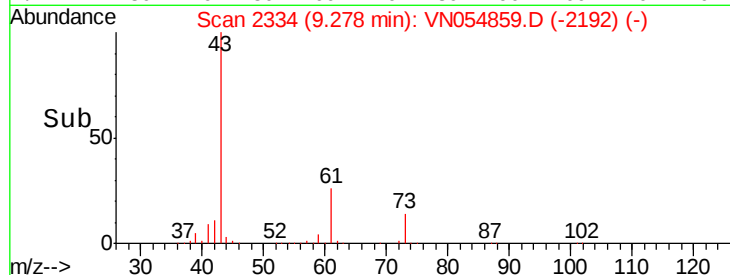
200

0

9.25

9.30

Time-->



#47

Bromodichloromethane

Concen: 0.251 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN054859.D

Acq: 31 Mar 2019 19:04

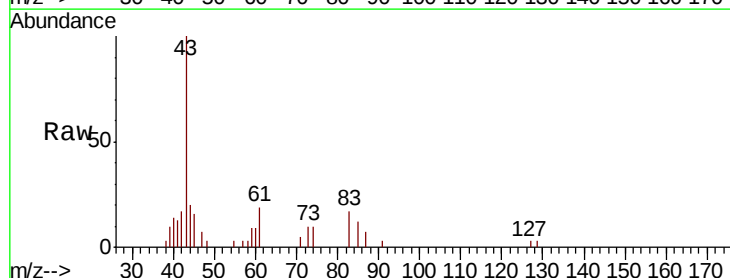
Tgt Ion: 83 Resp: 1995

Ion Ratio Lower Upper

83 100

85 71.1 52.8 79.2

127 18.0 7.4 11.2#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

1000

9.40

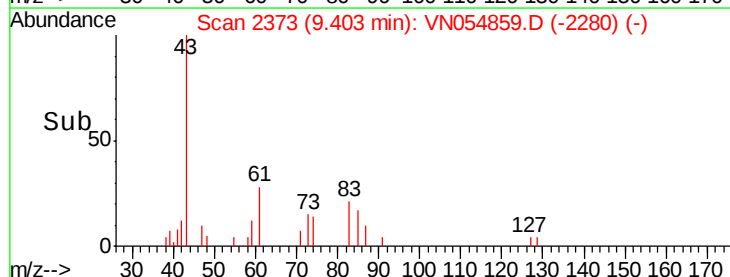
500

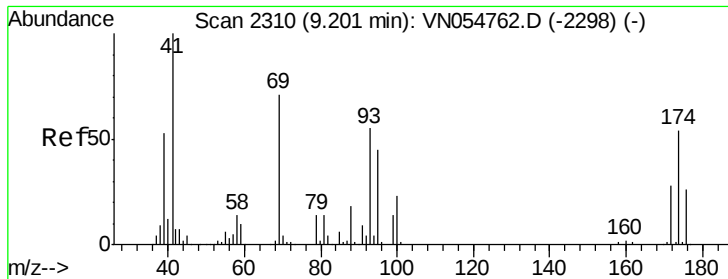
0

9.35

9.45

Time-->

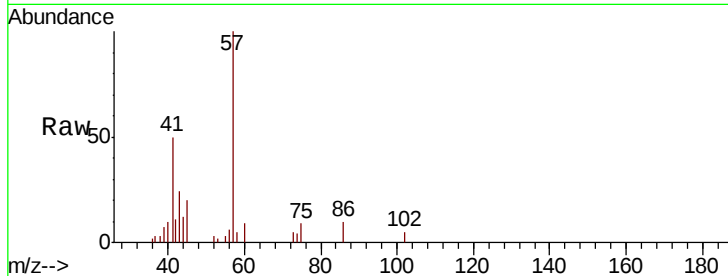




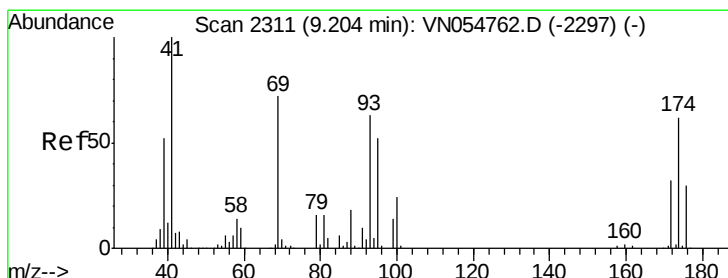
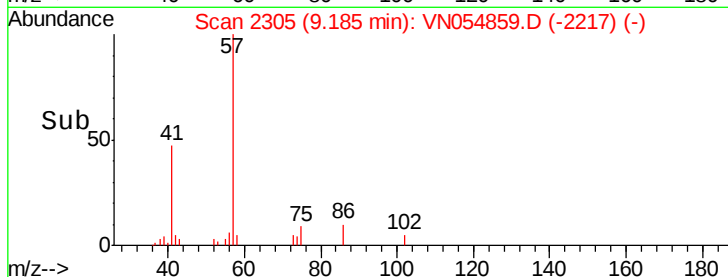
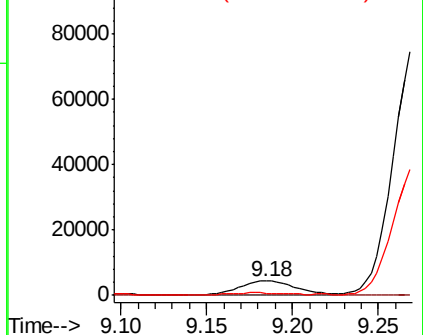
#48
Methyl methacrylate
Concen: 1.696 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054859.D
Acq: 31 Mar 2019 19:04

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 9140
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 0.0 47.5 71.3#

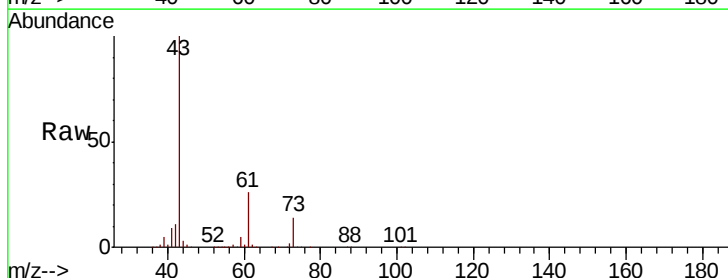


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

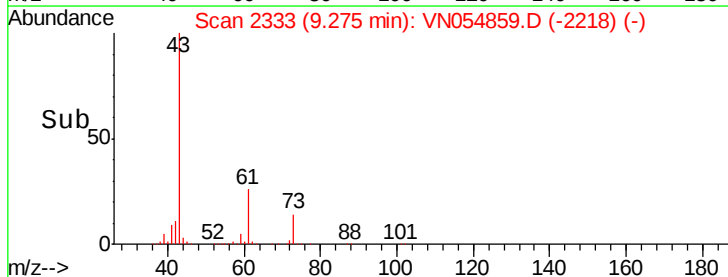
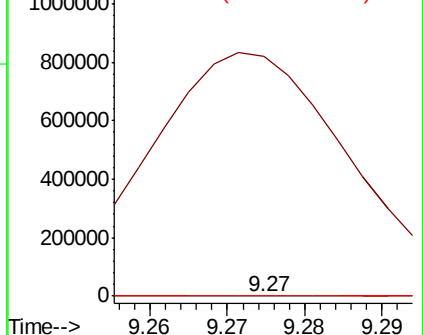


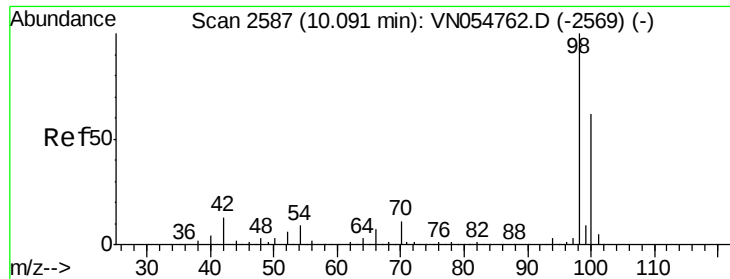
#49
1,4-Dioxane
Concen: 2.356 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN054859.D
Acq: 31 Mar 2019 19:04

Tgt Ion: 88 Resp: 126
Ion Ratio Lower Upper
88 100
43 1304181.0 24.1 36.1#
58 5322.2 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 47.757 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054859.D

Acq: 31 Mar 2019 19:04

Instrument :

MSVOA_N

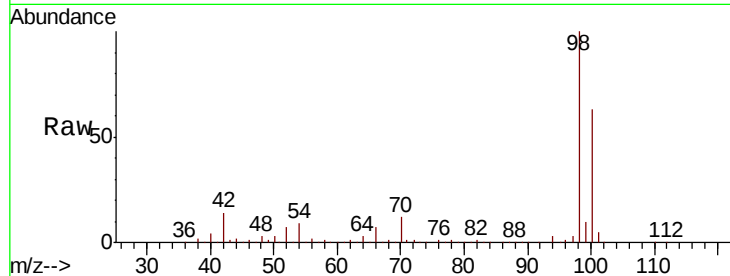
ClientSampled :

Tot Ion: 98 Resp: 1059930

Ion Ratio Lower Upper

98 100

100 63.4 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

600000

500000

400000

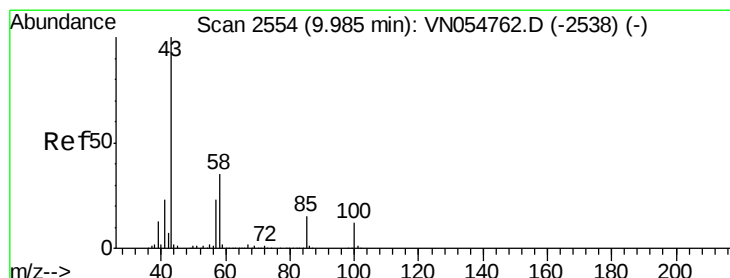
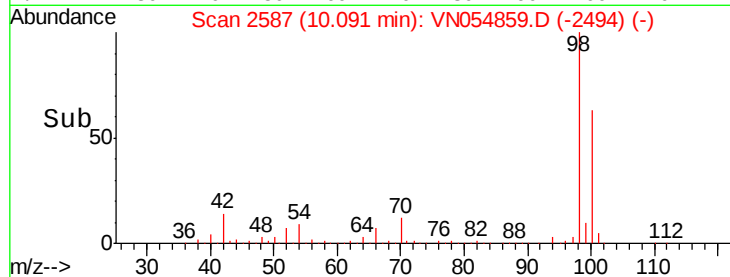
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.712 ug/l

RT: 10.03 min Scan# 2568

Delta R.T. 0.04 min

Lab File: VN054859.D

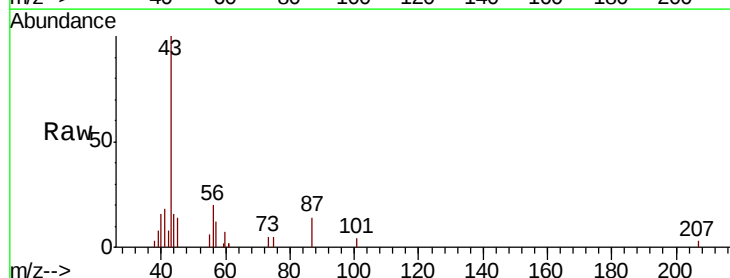
Acq: 31 Mar 2019 19:04

Tgt Ion: 43 Resp: 9568

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN054762.D (-2538) (-)

10.03

8000

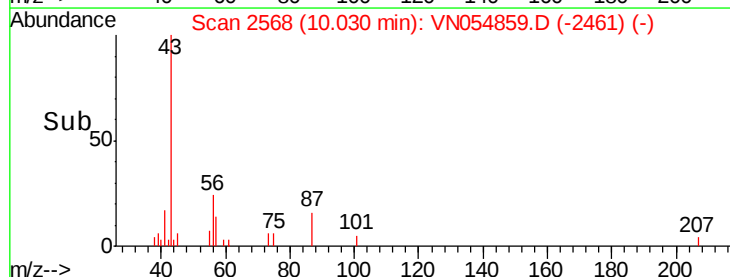
6000

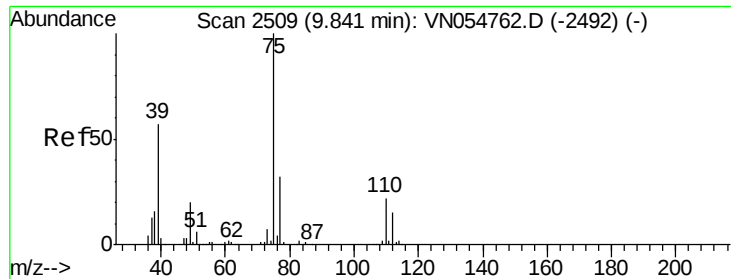
4000

2000

0

Time-->



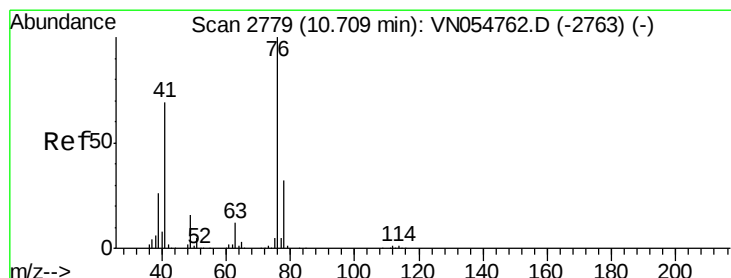
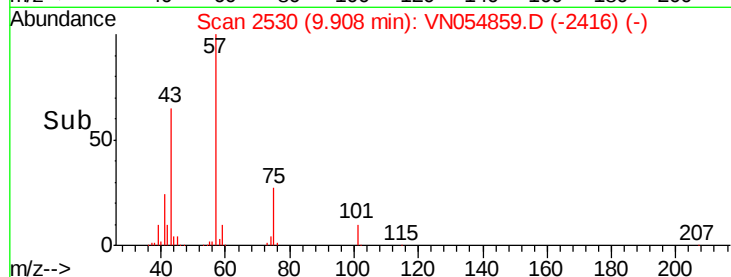
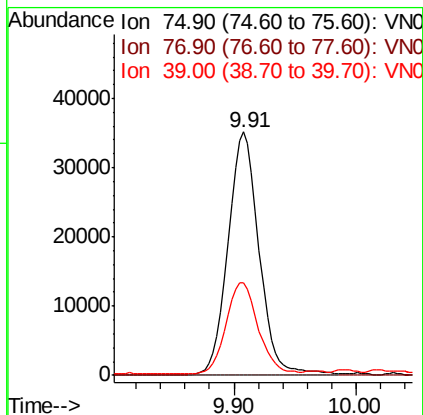
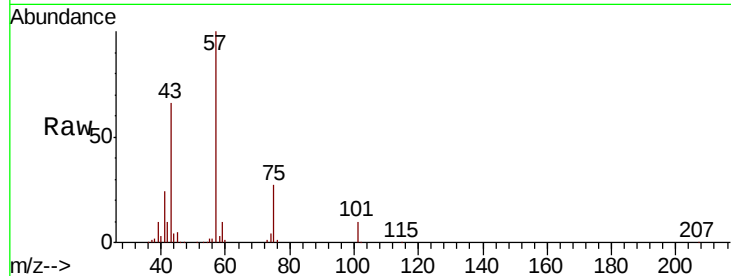


#54

cis-1,3-Dichloropropene
 Concen: 6.997 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN054859.D
 Acq: 31 Mar 2019 19:04

Instrument :
 MSVOA_N
 ClientSampleId :

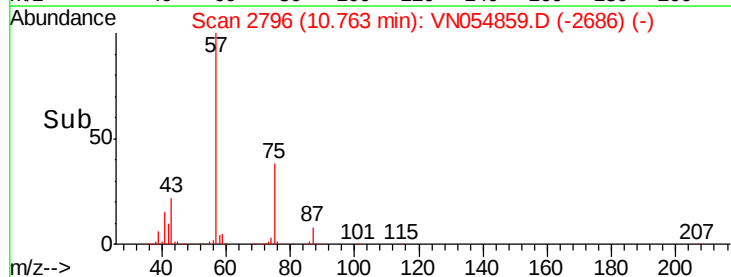
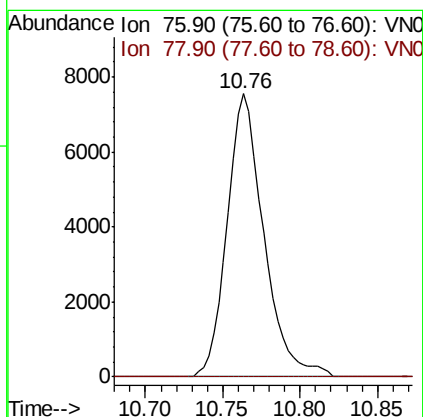
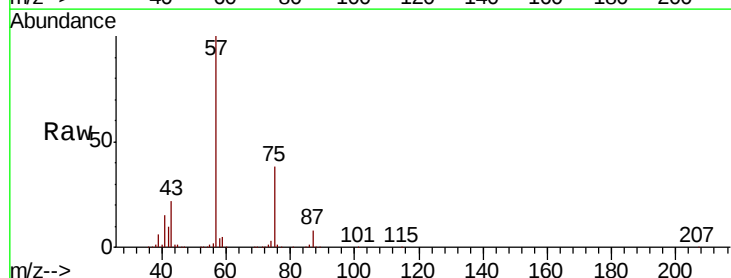
Tot Ion: 75 Resp: 62577
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 37.7 37.2 55.8

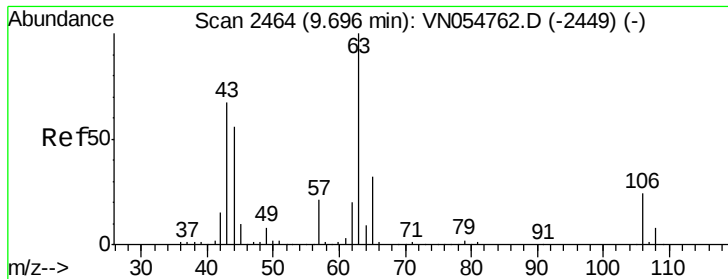


#57

1,3-Dichloropropane
 Concen: 1.365 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN054859.D
 Acq: 31 Mar 2019 19:04

Tgt Ion: 76 Resp: 12393
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#





#58

2-Chloroethyl Vinyl ether

Concen: 10.364 ug/l

RT: 9.78 min Scan# 2490

Delta R.T. 0.08 min

Lab File: VN054859.D

Acq: 31 Mar 2019 19:04

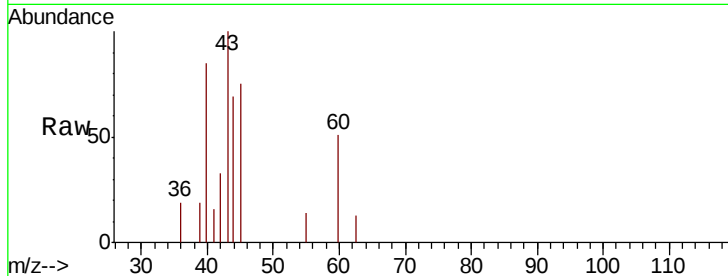
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 63 Resp: 29

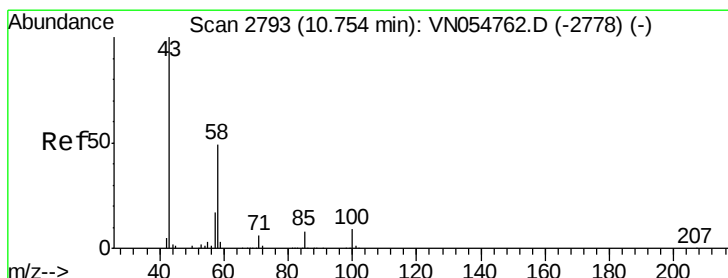
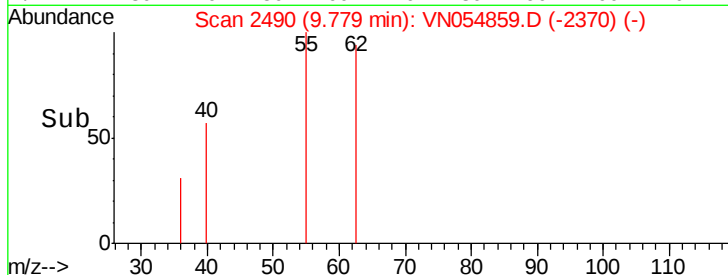
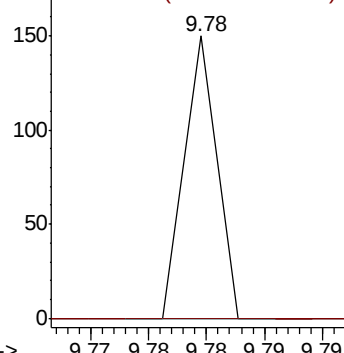
Ion Ratio Lower Upper

63 100

106 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN054762.D (-2449) (-)



#59

2-Hexanone

Concen: 56.198 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN054859.D

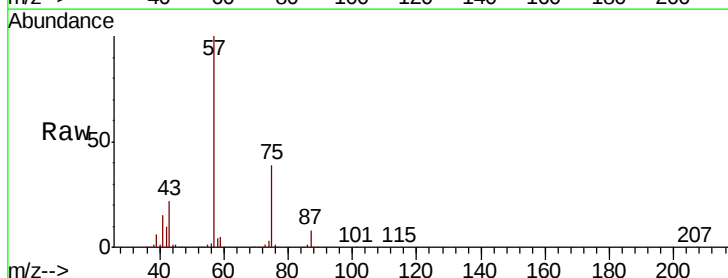
Acq: 31 Mar 2019 19:04

Tgt Ion: 43 Resp: 201086

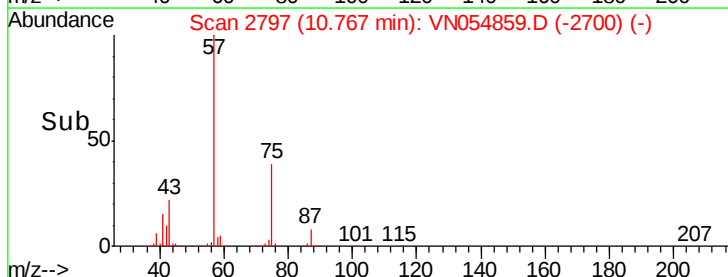
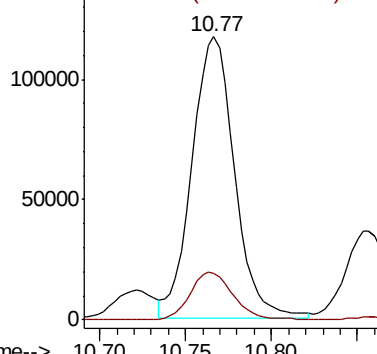
Ion Ratio Lower Upper

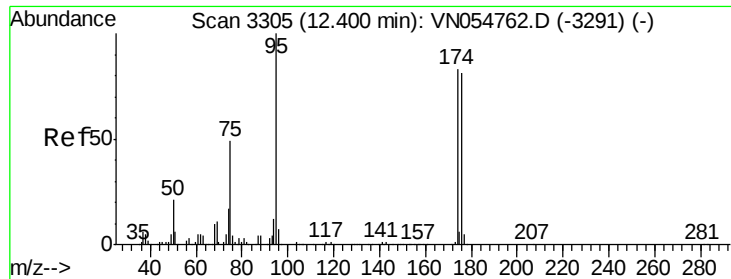
43 100

58 17.3 28.0 83.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-2778) (-)





#62

4-Bromofluorobenzene

Concen: 44.053 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054859.D

Acq: 31 Mar 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

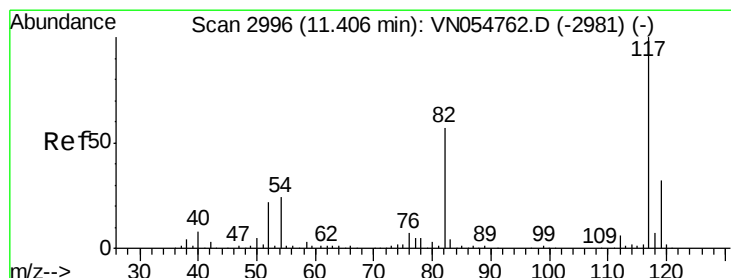
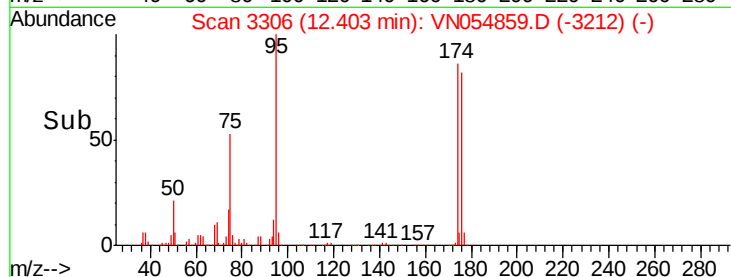
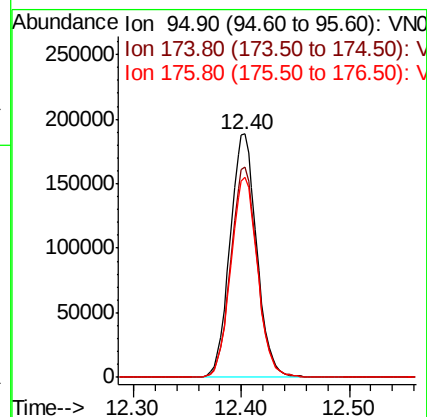
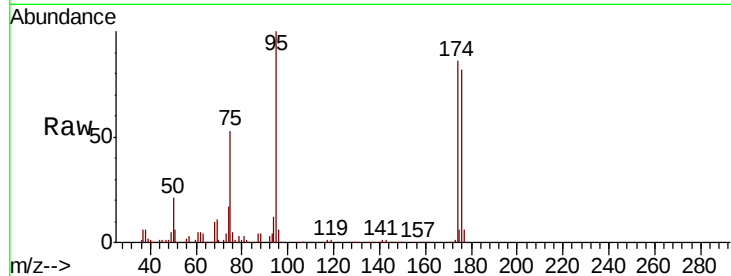
Tot Ion: 95 Resp: 325161

Ion Ratio Lower Upper

95 100

174 85.7 0.0 191.0

176 82.4 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: VN054859.D

Acq: 31 Mar 2019 19:04

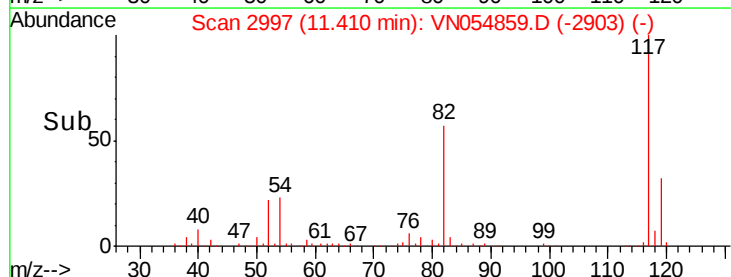
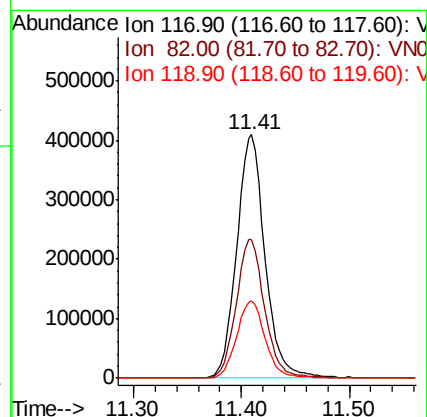
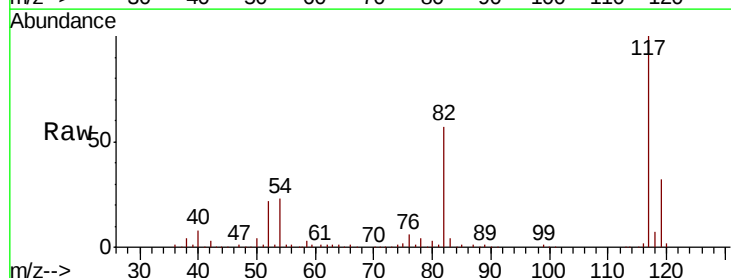
Tgt Ion: 117 Resp: 747879

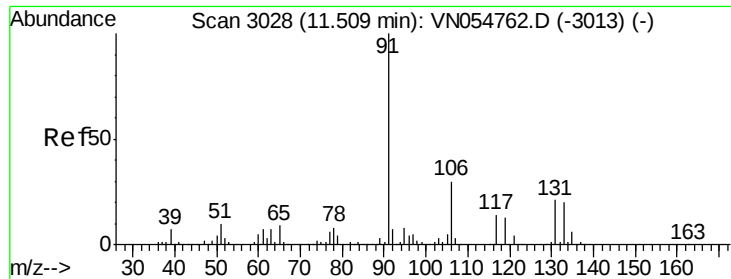
Ion Ratio Lower Upper

117 100

82 56.8 40.0 60.0

119 31.8 25.8 38.6

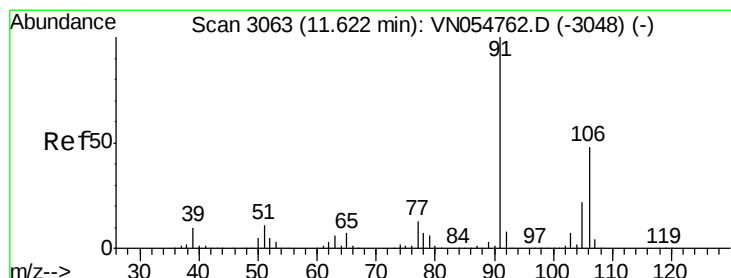
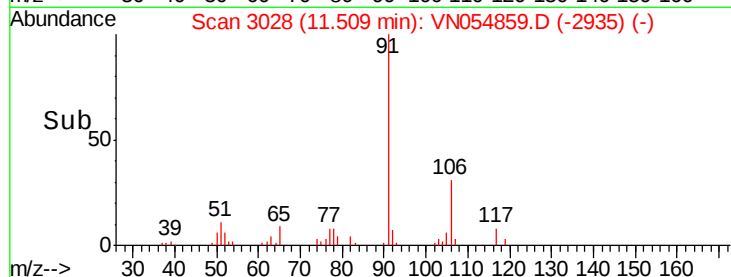
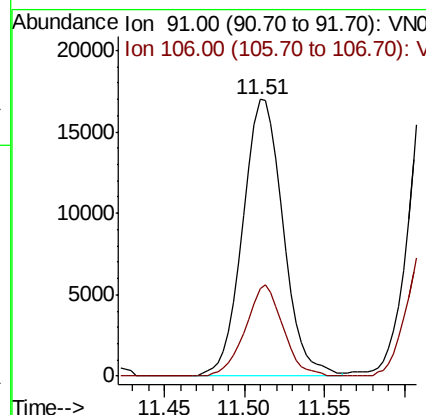
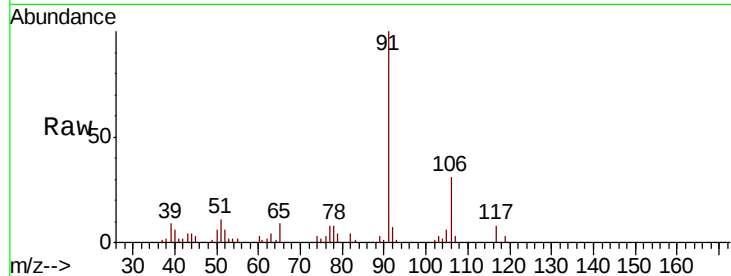




#67
Ethyl Benzene
Concen: 1.110 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054859.D
Acq: 31 Mar 2019 19:04

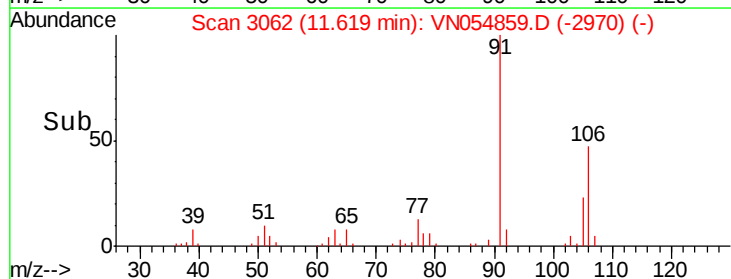
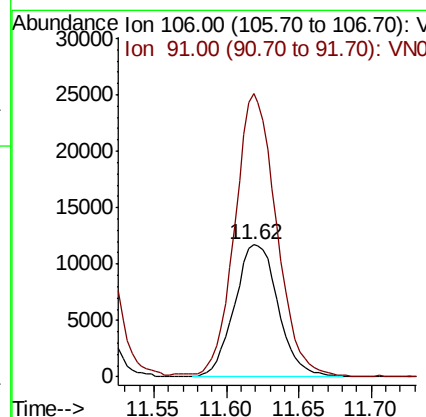
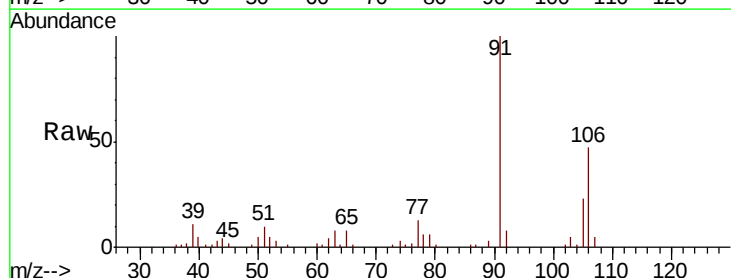
Instrument :
MSVOA_N
ClientSampleId :

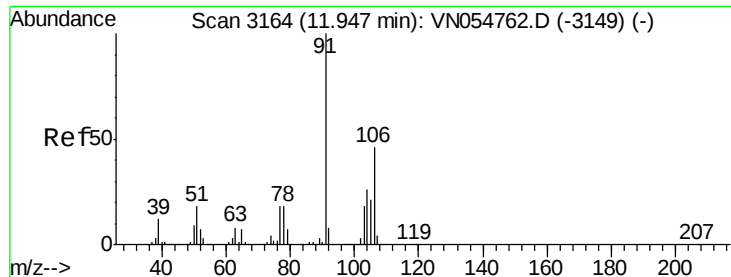
Tot Ion: 91 Resp: 29324
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 2.508 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054859.D
Acq: 31 Mar 2019 19:04

Tgt Ion: 106 Resp: 24525
Ion Ratio Lower Upper
106 100
91 204.1 159.4 239.2

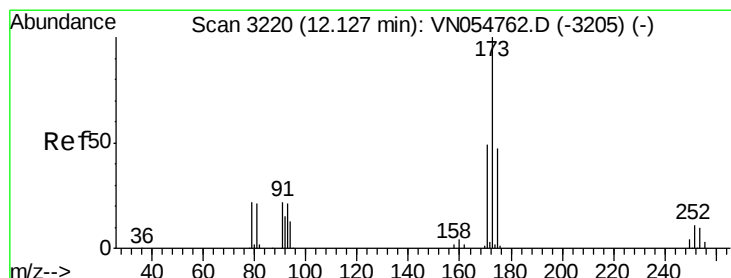
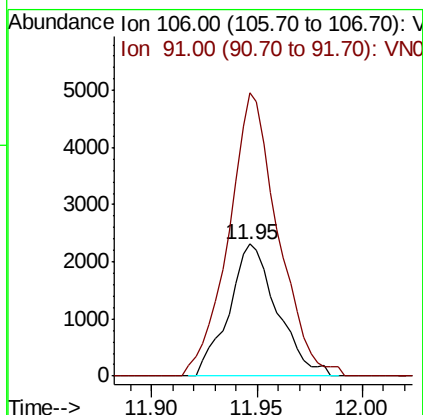
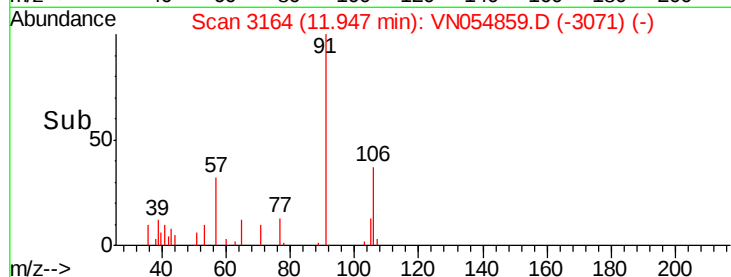
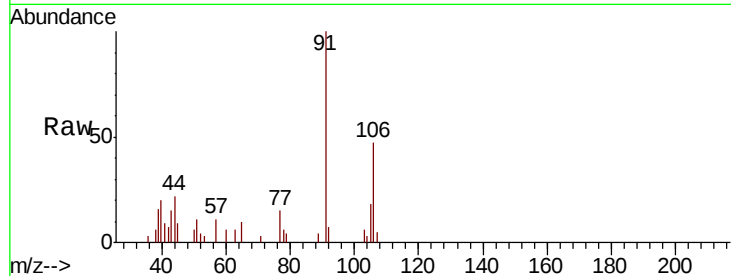




#69
o-Xylene
Concen: 0.381 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054859.D
Acq: 31 Mar 2019 19:04

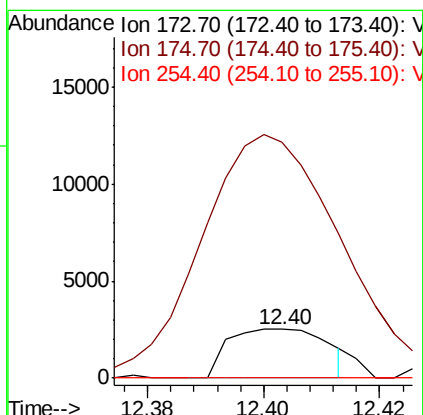
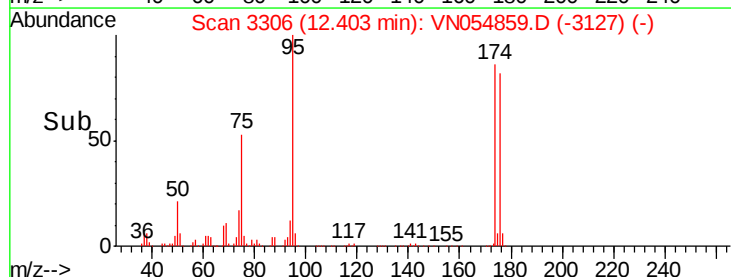
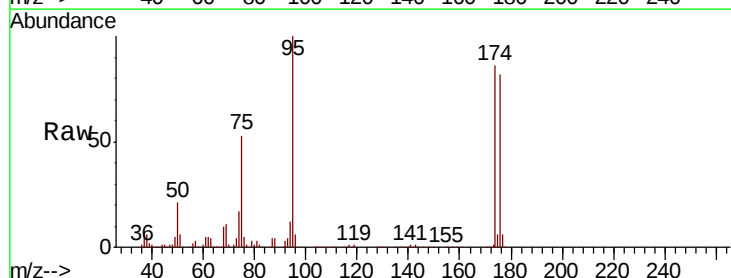
Instrument :
MSVOA_N
ClientSampled :

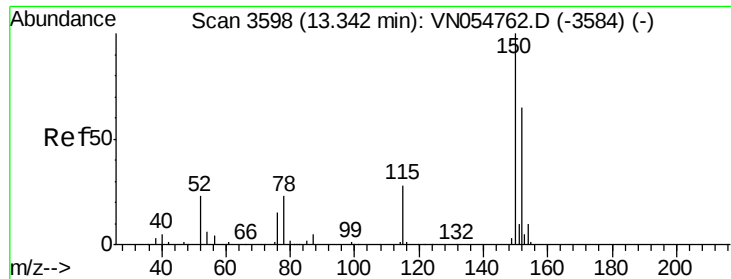
Tot Ion:106 Resp: 3658
Ion Ratio Lower Upper
106 100
91 219.9 105.7 317.1



#71
Bromoform
Concen: 0.925 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054859.D
Acq: 31 Mar 2019 19:04

Tgt Ion:173 Resp: 2970
Ion Ratio Lower Upper
173 100
175 616.9 24.4 73.2#
254 0.0 0.1 0.1#



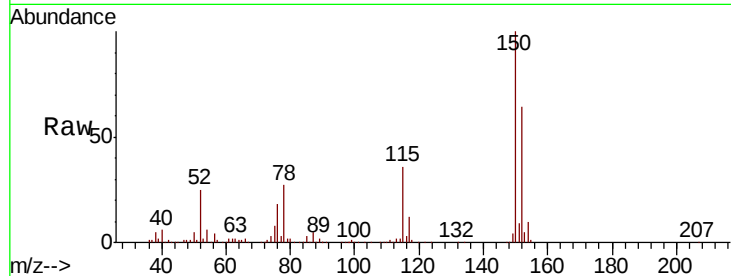


#72

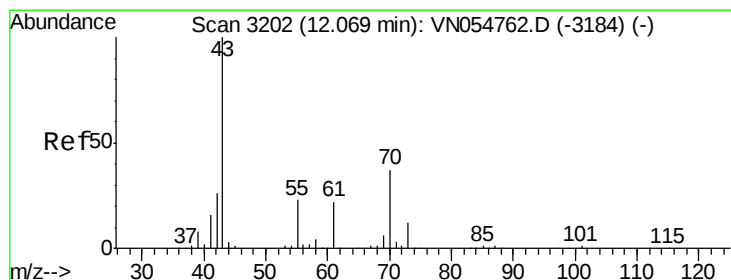
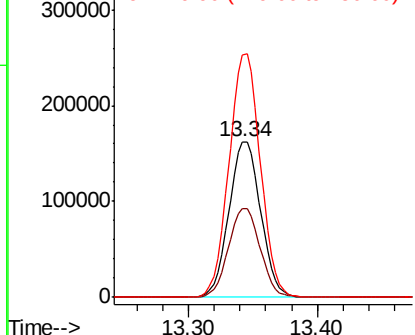
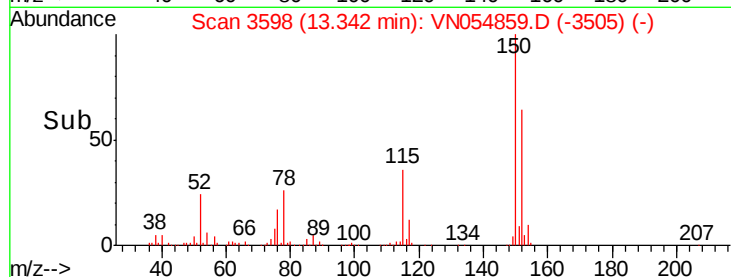
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054859.D
Acq: 31 Mar 2019 19:04

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.2	27.2	81.6
150	154.8	0.0	349.2



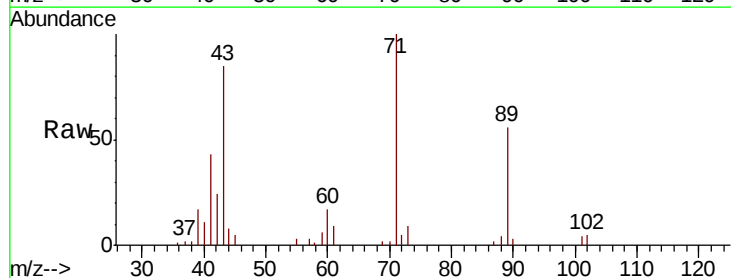
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



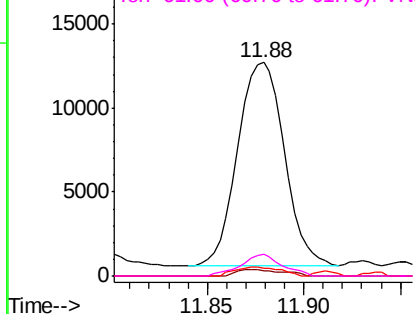
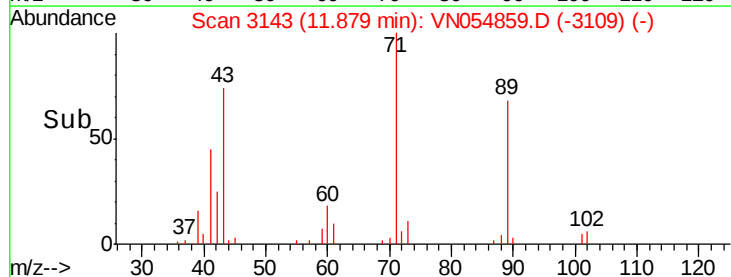
#74

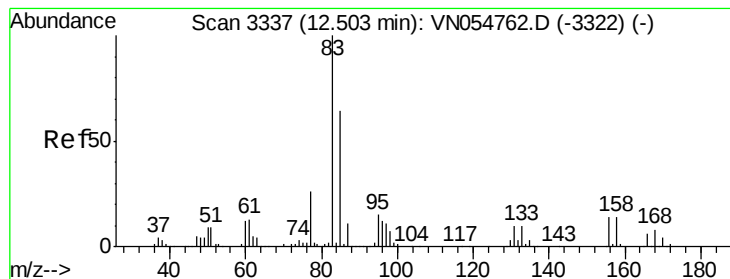
N-ethyl acetate
Concen: 2.897 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN054859.D
Acq: 31 Mar 2019 19:04

Tgt Ion	Ratio	Lower	Upper
43	100		
70	3.1	35.4	53.0#
55	4.3	19.8	29.6#
61	9.3	19.8	29.6#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 70.00 (69.70 to 70.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 61.00 (60.70 to 61.70): VNO





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. -0.11 min

Lab File: VN054859.D

Acq: 31 Mar 2019 19:04

Instrument :

MSVOA_N

ClientSampled :

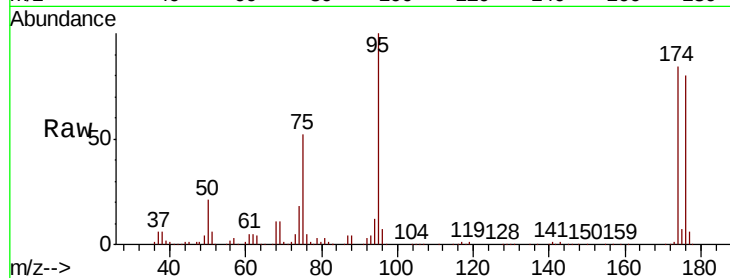
Tot Ion: 83 Resp: 276

Ion Ratio Lower Upper

83 100

131 198.9 5.8 17.4#

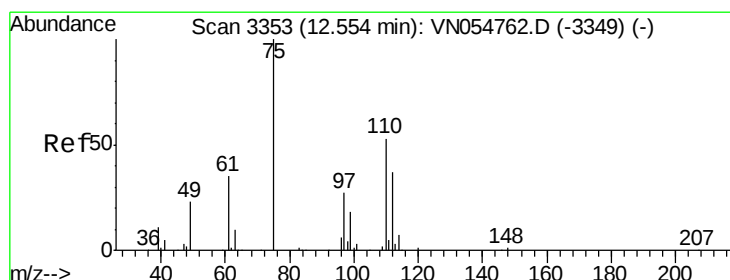
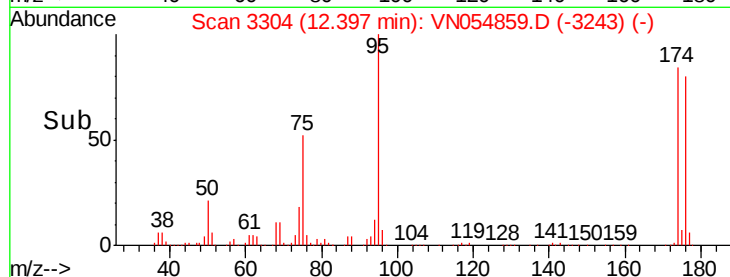
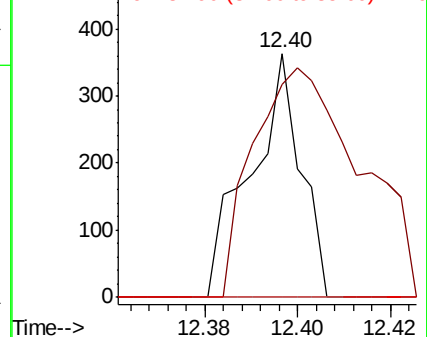
85 0.0 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 35.366 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054859.D

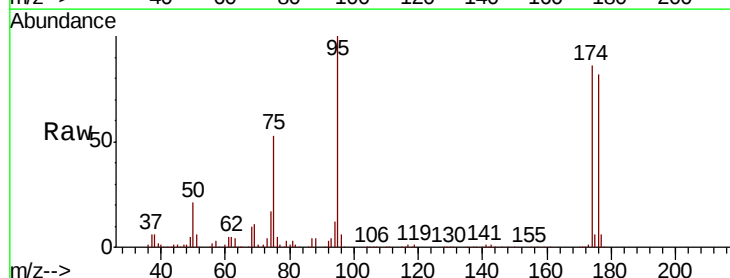
Acq: 31 Mar 2019 19:04

Tgt Ion: 75 Resp: 170301

Ion Ratio Lower Upper

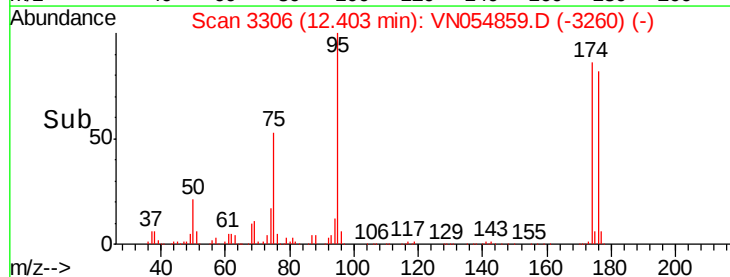
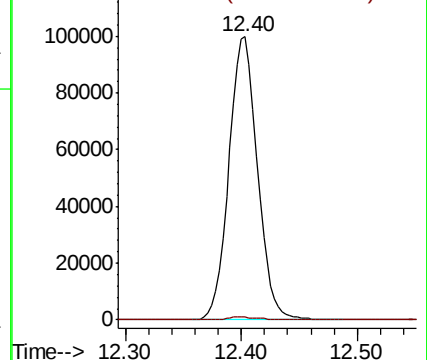
75 100

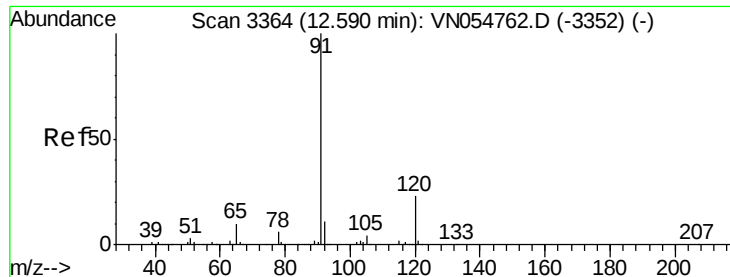
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#78

n-propylbenzene

Concen: 0.402 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054859.D

Acq: 31 Mar 2019 19:04

Instrument :

MSVOA_N

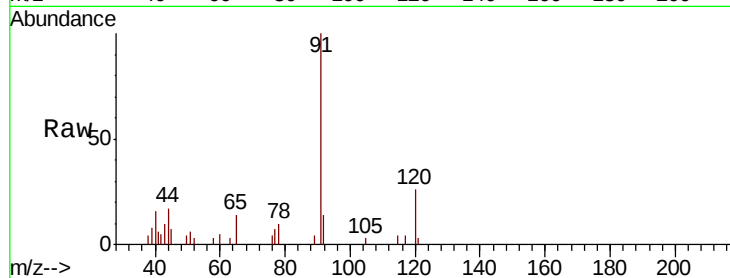
ClientSampleId :

Tot Ion: 91 Resp: 10014

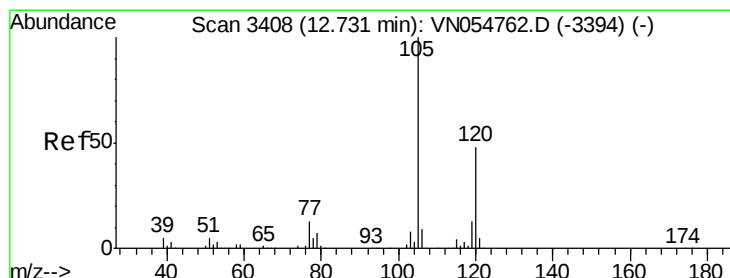
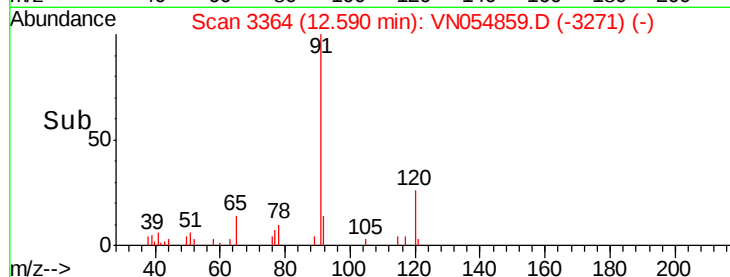
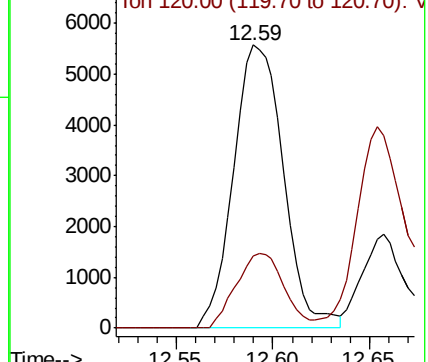
Ion Ratio Lower Upper

91 100

120 25.5 12.3 36.9



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



#80

1,3,5-Trimethylbenzene

Concen: 1.042 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054859.D

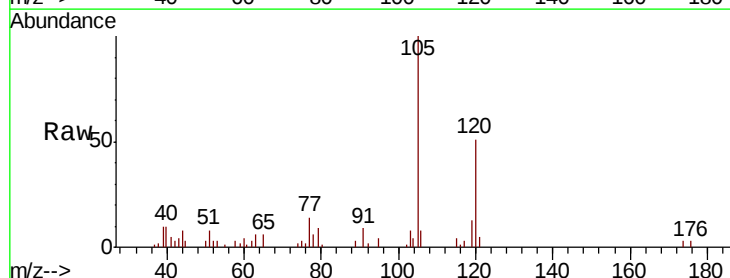
Acq: 31 Mar 2019 19:04

Tgt Ion: 105 Resp: 19364

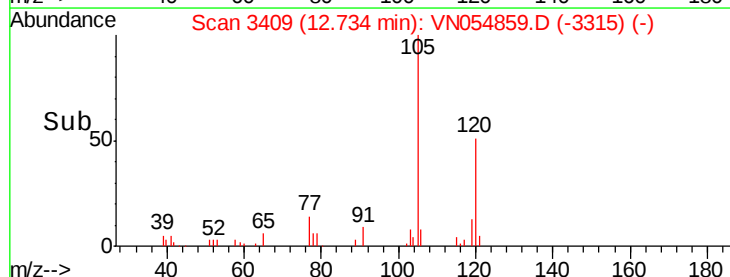
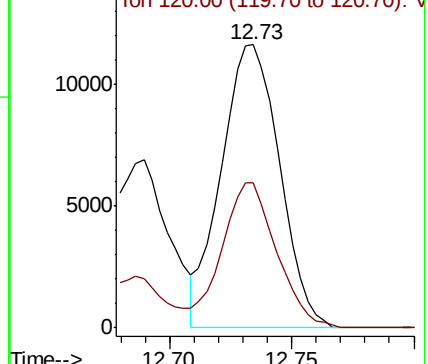
Ion Ratio Lower Upper

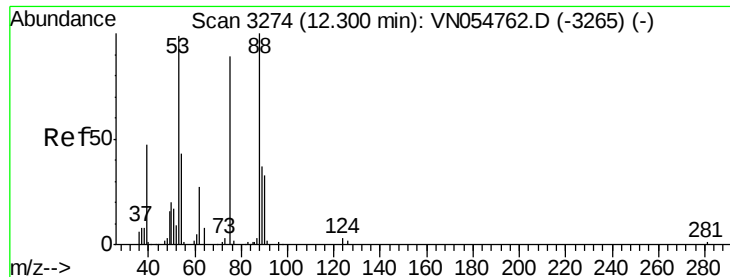
105 100

120 48.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054762.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 137.565 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054859.D

Acq: 31 Mar 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

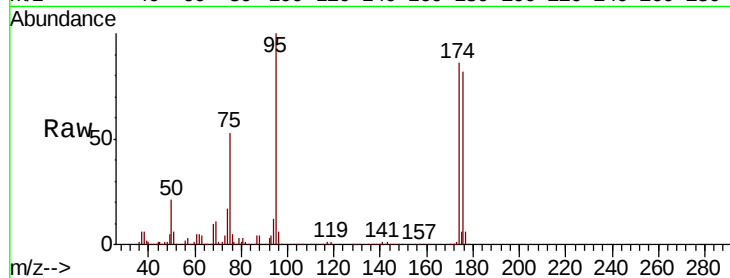
Tot Ion: 75 Resp: 170301

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

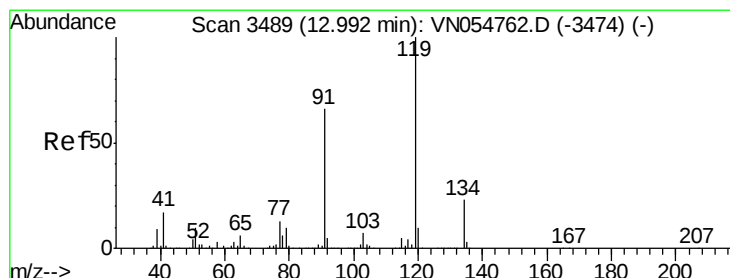
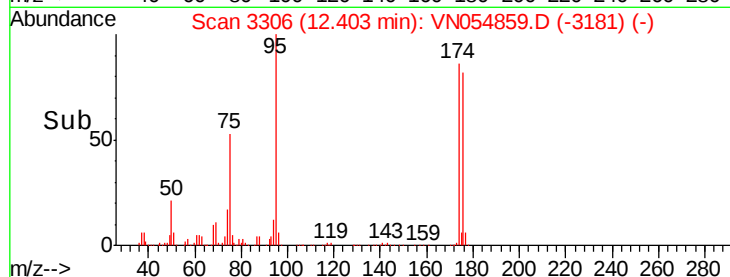
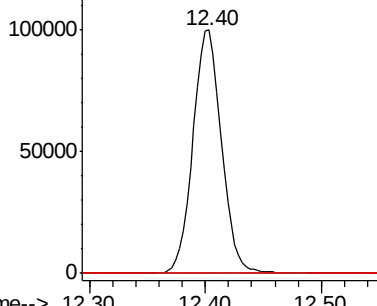
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN054859.D (-3306) (-)

Ion 53.00 (52.70 to 53.70): VN054859.D (-3306) (-)

Ion 88.90 (88.60 to 89.60): VN054859.D (-3306) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

Lab File: VN054859.D

Acq: 31 Mar 2019 19:04

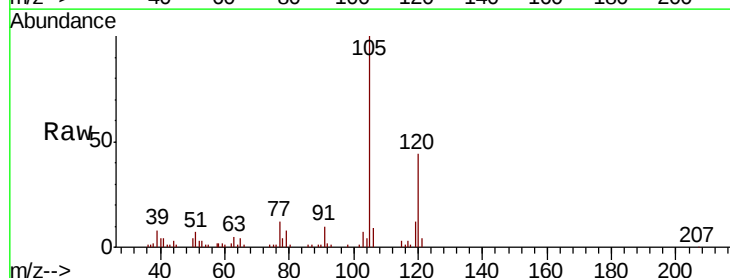
Tgt Ion: 119 Resp: 6028

Ion Ratio Lower Upper

119 100

91 94.8 30.9 92.8#

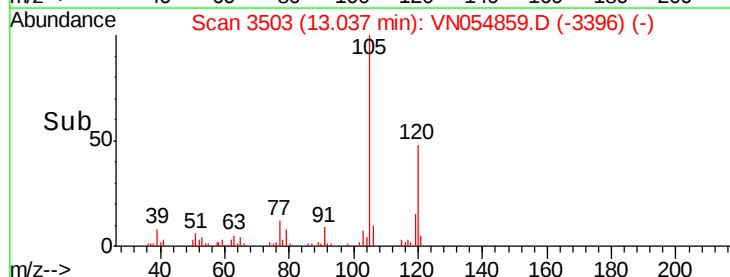
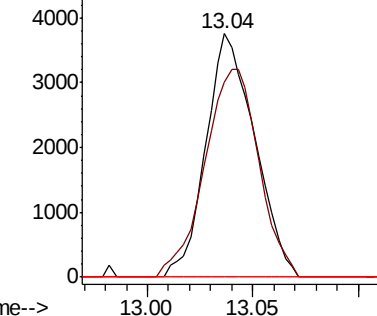
134 0.0 13.2 39.6#

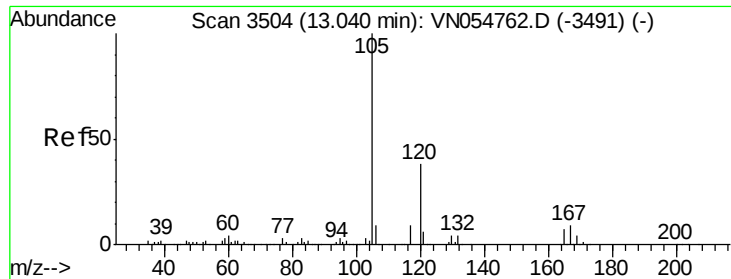


Abundance Ion 119.00 (118.70 to 119.70): VN054859.D (-3503) (-)

Ion 91.00 (90.70 to 91.70): VN054859.D (-3503) (-)

Ion 134.00 (133.70 to 134.70): VN054859.D (-3503) (-)





#84

1,2,4-Trimethylbenzene

Concen: 2.849 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054859.D

Acq: 31 Mar 2019 19:04

Instrument :

MSVOA_N

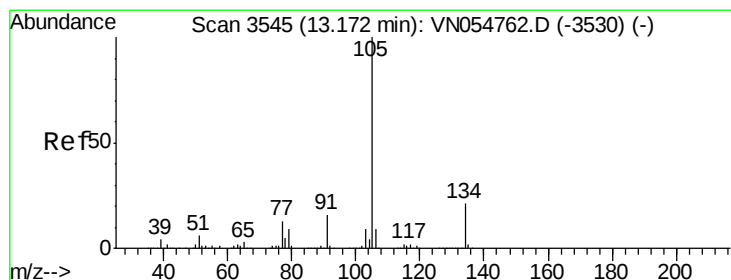
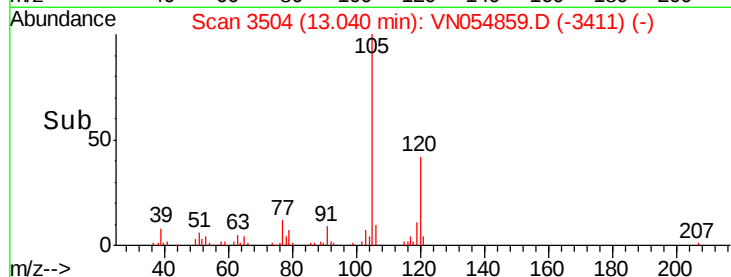
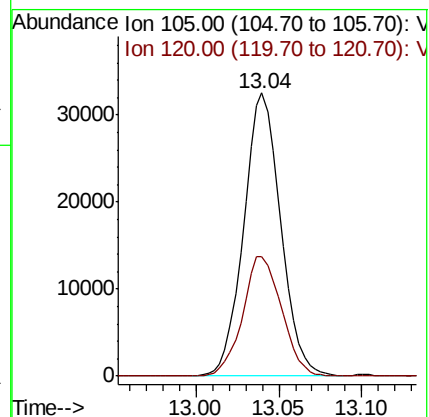
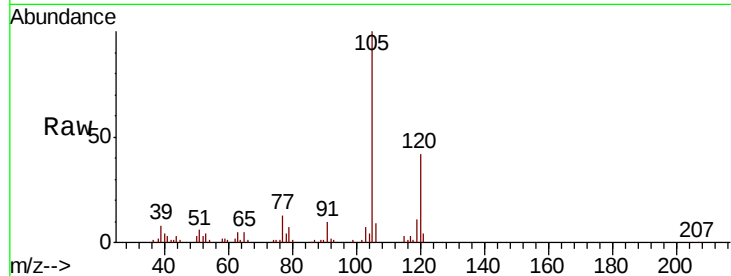
ClientSampled :

Tot Ion:105 Resp: 50463

Ion Ratio Lower Upper

105 100

120 44.5 23.4 70.3



#85

sec-Butylbenzene

Concen: 2.499 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054859.D

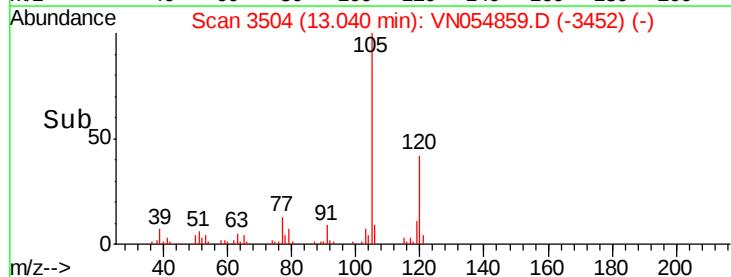
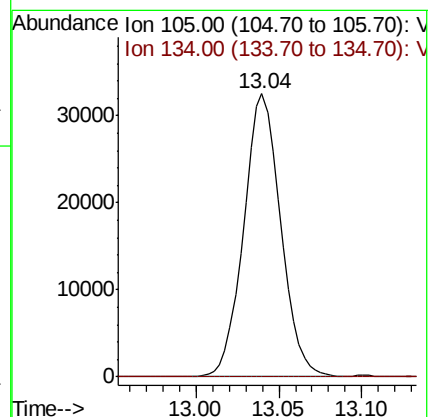
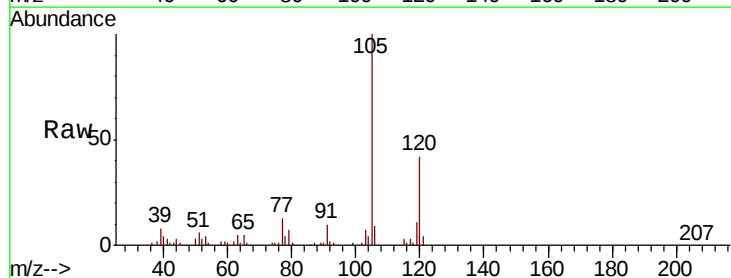
Acq: 31 Mar 2019 19:04

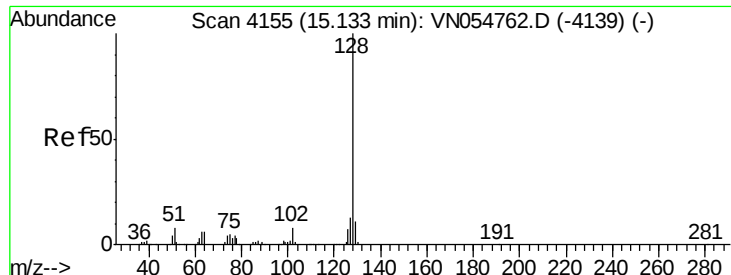
Tgt Ion:105 Resp: 50463

Ion Ratio Lower Upper

105 100

134 0.0 10.7 32.1#





#95

Naphthalene

Concen: 0.904 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

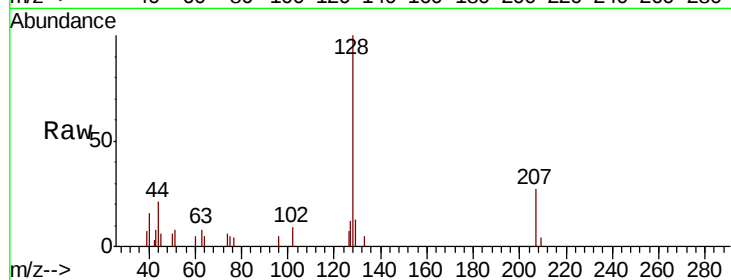
Lab File: VN054859.D

Acq: 31 Mar 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :



Tot Ion:128 Resp: 9030

Ion Ratio Lower Upper

128 100

127 12.1 10.1 15.1

129 9.7 8.7 13.1

