

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054910.D
 Acq On : 2 Apr 2019 18:55
 Operator : JC/SP
 Sample : K1696-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 03 05:08:54 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	555675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	924692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	795502	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	305341	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	363962	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
35) Dibromofluoromethane	7.59	113	293764	47.65	ug/l	0.00
Spiked Amount			Recovery	=	95.30%	
50) Toluene-d8	10.09	98	1106838	48.29	ug/l	0.00
Spiked Amount			Recovery	=	96.58%	
62) 4-Bromofluorobenzene	12.40	95	357059	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1959	0.252	ug/l	99
5) Bromomethane	2.57	94	138	Below Cal	#	2
8) Diethyl Ether	3.41	74	584	0.211	ug/l #	6
11) Tert butyl alcohol	4.82	59	36499	93.521	ug/l #	92
13) Acrolein	3.60	56	6636	19.020	ug/l	97
16) Acetone	3.82	43	654041	366.152	ug/l #	82
18) Methyl Acetate	4.33	43	86980	18.109	ug/l #	88
25) 2-Butanone	6.85	43	37175	14.079	ug/l	95
31) Cyclohexane	7.66	56	15910	Below Cal	#	30
36) 1,1-Dichloropropene	7.67	75	42852	4.973	ug/l #	43
37) Ethyl Acetate	6.85	43	37175	5.883	ug/l #	68
38) Carbon Tetrachloride	7.67	117	52546	6.279	ug/l #	16
39) Methylcyclohexane	9.08	83	2592	0.274	ug/l #	87
40) Benzene	8.04	78	554482	22.490	ug/l	100
42) 1,2-Dichloroethane	8.04	62	5357	0.609	ug/l	94
43) Isopropyl Acetate	8.30	43	51007	4.968	ug/l #	60
48) Methyl methacrylate	9.17	41	14155	2.543	ug/l #	39
49) 1,4-Dioxane	9.20	88	681	12.332	ug/l #	27
51) 4-Methyl-2-Pentanone	9.99	43	6050	1.048	ug/l	95
52) Toluene	10.16	92	616700	42.037	ug/l	100
53) t-1,3-Dichloropropene	10.16	75	7695	0.995	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.70	63	1077	10.689	ug/l #	44
59) 2-Hexanone	10.75	43	1617	0.438	ug/l	80
67) Ethyl Benzene	11.51	91	39057	1.390	ug/l	94
68) m/p-Xylenes	11.62	106	84897	8.162	ug/l	94
69) o-Xylene	11.95	106	32839	3.220	ug/l	97
70) Styrene	11.96	104	9469	0.581	ug/l #	46
71) Bromoform	12.40	173	3860	1.130	ug/l #	1
74) N-amyl acetate	12.02	43	2850	0.367	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.51	83	96	Below Cal	#	40
76) 1,2,3-Trichloropropane	12.40	75	183838	34.657	ug/l #	100
78) n-propylbenzene	12.59	91	6554	0.239	ug/l #	61
80) 1,3,5-Trimethylbenzene	12.73	105	12557	0.613	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	183838	134.807	ug/l #	11

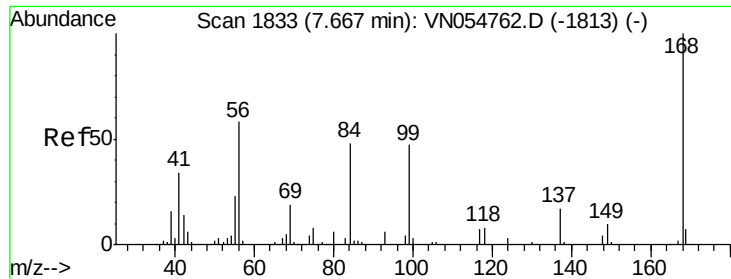
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
83) tert-Butylbenzene	13.24	119	1777	Below Cal	76
84) 1,2,4-Trimethylbenzene	13.04	105	42373	2.172 ug/l	90
85) sec-Butylbenzene	13.04	105	42373	1.905 ug/l #	55
90) Hexachloroethane	13.89	117	899	0.270 ug/l #	2
95) Naphthalene	15.13	128	71976	6.540 ug/l	99

(#) = 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: VN054910.D

Acq: 2 Apr 2019 18:55

Instrument :

MSVOA_N

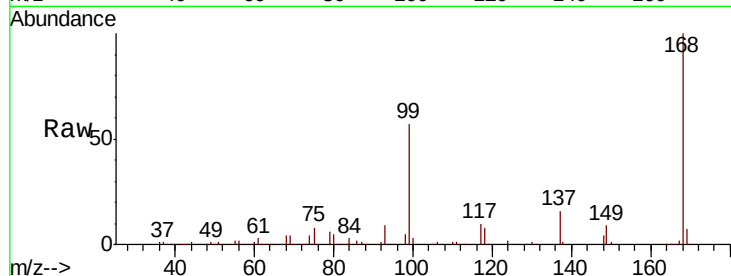
ClientSampleId :

Tot Ion:168 Resp: 555675

Ion Ratio Lower Upper

168 100

99 57.0 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

100000

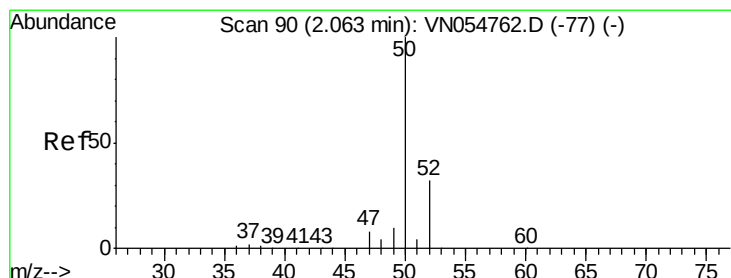
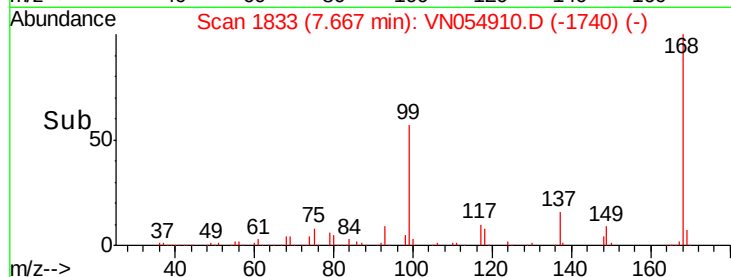
50000

0

7.60

7.70

Time-->



#3

Chloromethane

Concen: 0.252 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054910.D

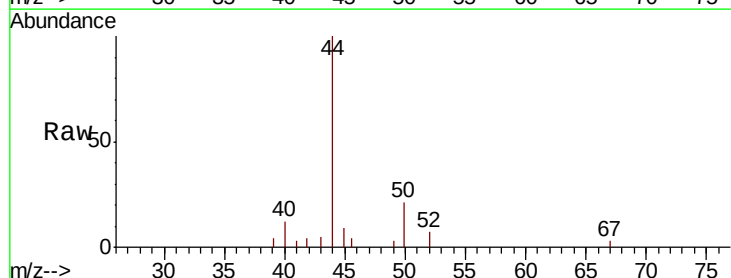
Acq: 2 Apr 2019 18:55

Tgt Ion: 50 Resp: 1959

Ion Ratio Lower Upper

50 100

52 33.6 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

1500

1000

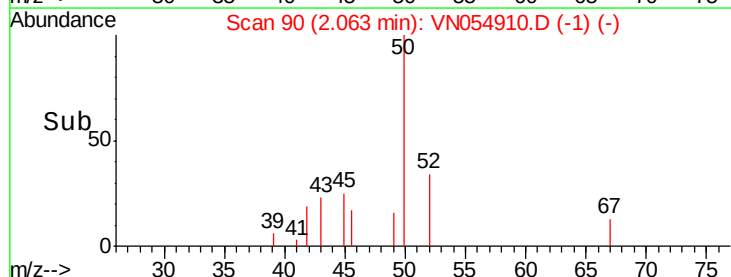
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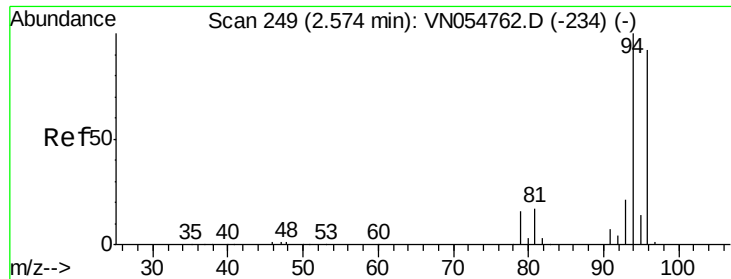
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2.05

2.10

Time-->

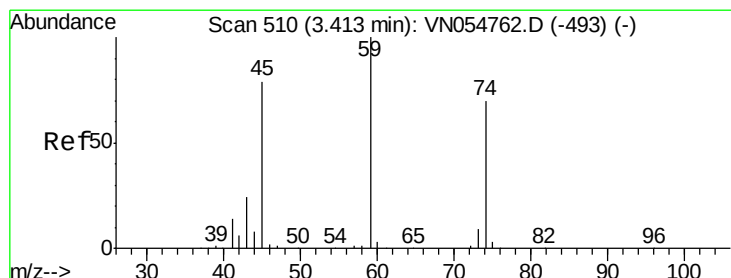
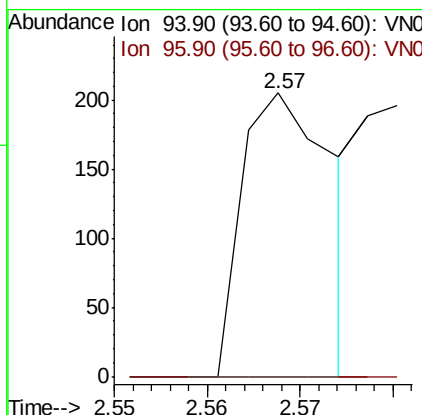
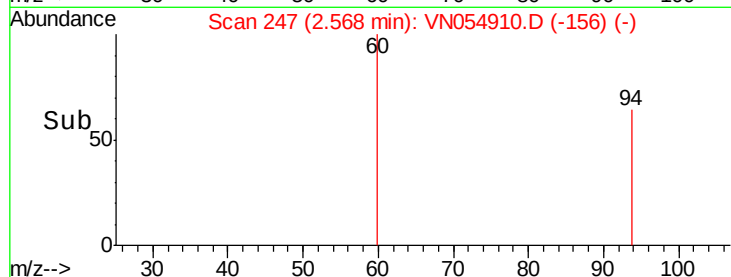
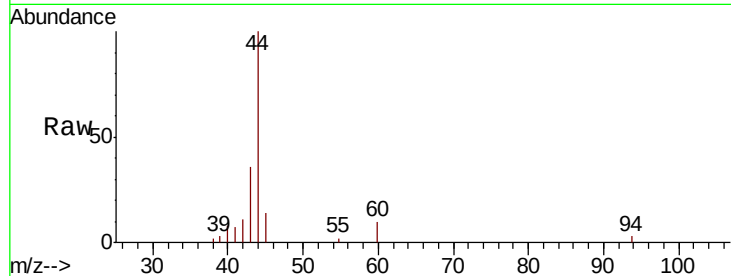




#5
Bromomethane
Concen: Below Cal
RT: 2.57 min Scan# 247
Delta R.T. -0.01 min
Lab File: VN054910.D
Acq: 2 Apr 2019 18:55

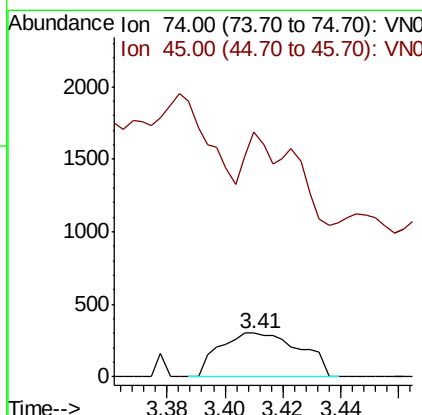
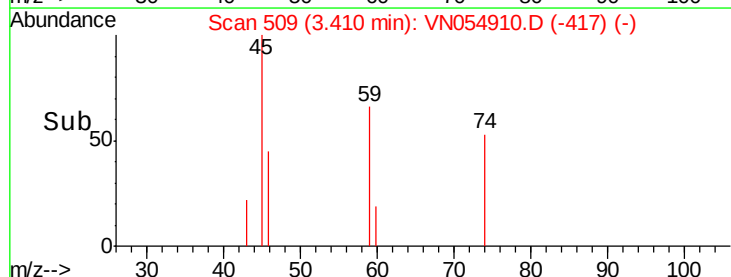
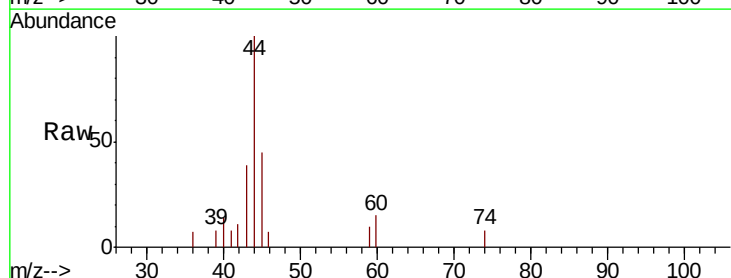
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MSVOA_N
ClientSampled :

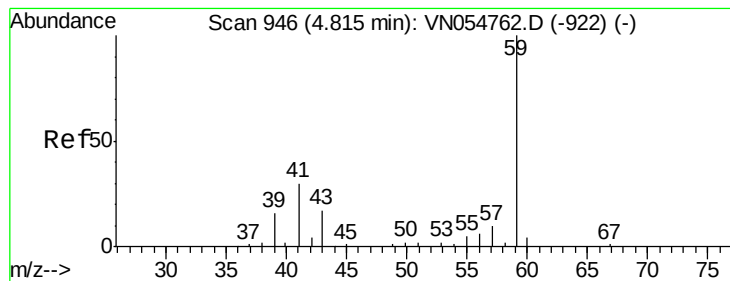
Tot Ion: 94 Resp: 138
Ion Ratio Lower Upper
94 100
96 0.0 77.0 115.4#



#8
Diethyl Ether
Concen: 0.211 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN054910.D
Acq: 2 Apr 2019 18:55

Tgt Ion: 74 Resp: 584
Ion Ratio Lower Upper
74 100
45 0.0 43.1 129.4#



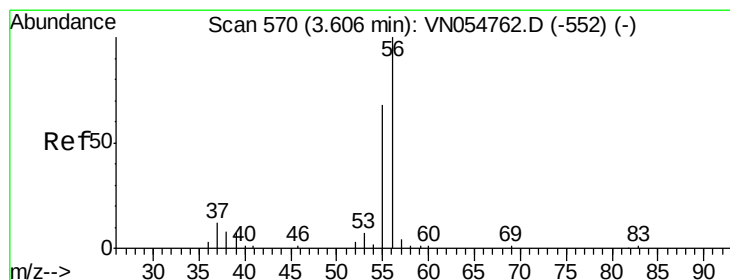
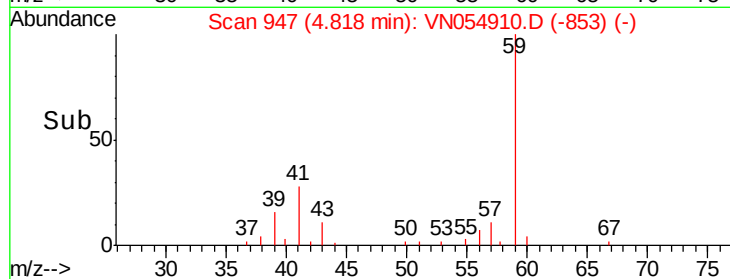
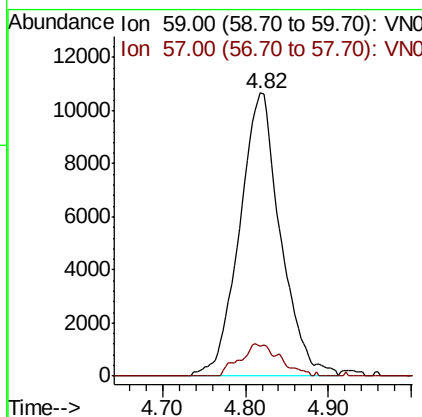
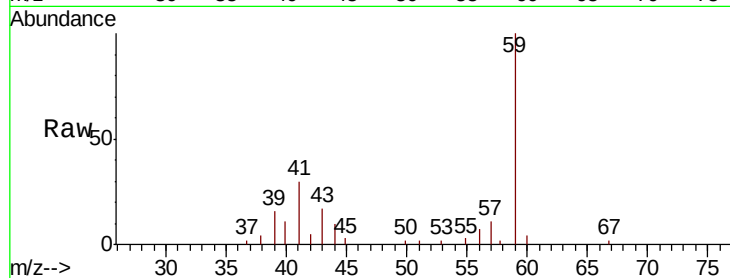


#11

Tert butyl alcohol
 Concen: 93.521 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: VN054910.D
 Acq: 2 Apr 2019 18:55

Instrument :
 MSVOA_N
 ClientSampled :

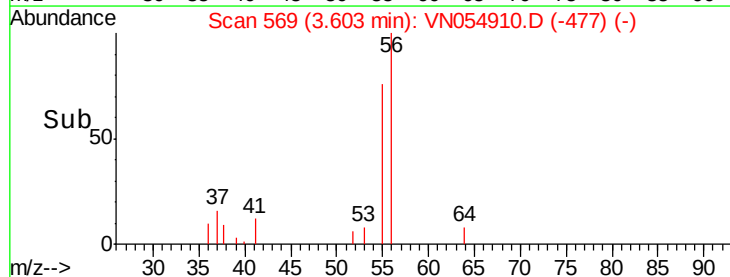
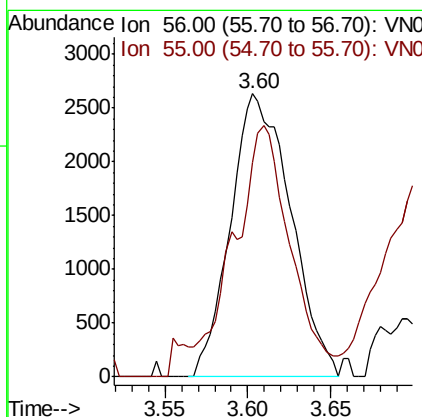
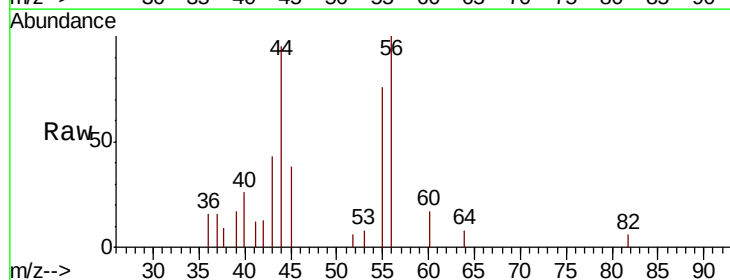
Tot Ion: 59 Resp: 36499
 Ion Ratio Lower Upper
 59 100
 57 8.4 9.0 13.6#

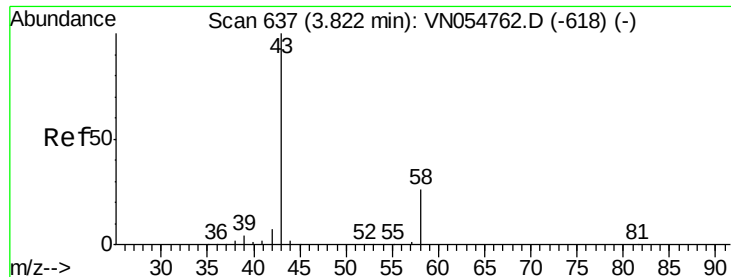


#13

Acrolein
 Concen: 19.020 ug/l
 RT: 3.60 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VN054910.D
 Acq: 2 Apr 2019 18:55

Tgt Ion: 56 Resp: 6636
 Ion Ratio Lower Upper
 56 100
 55 73.2 56.7 85.1





#16

Acetone

Concen: 366.152 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054910.D

Acq: 2 Apr 2019 18:55

Instrument :

MSVOA_N

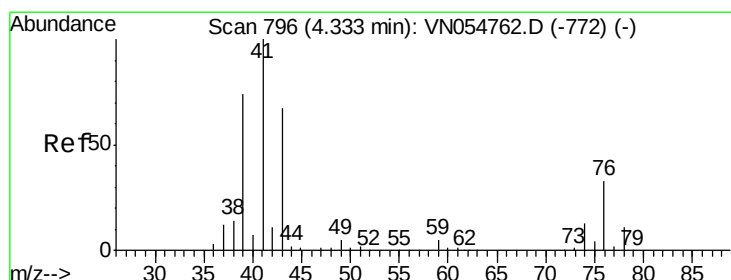
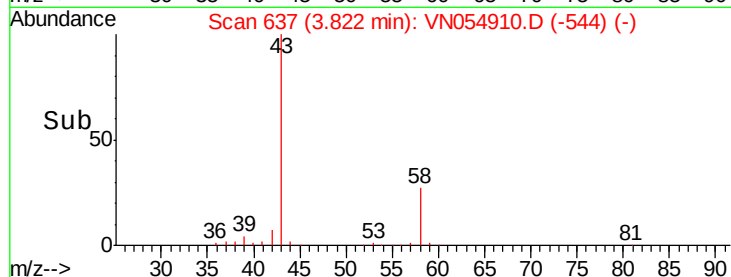
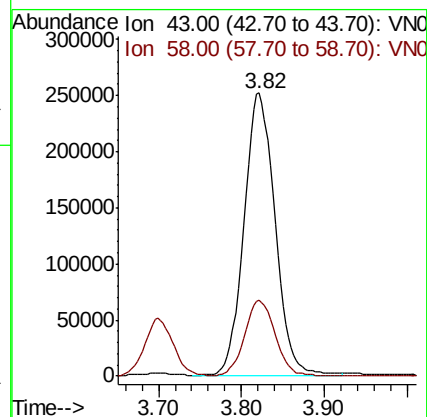
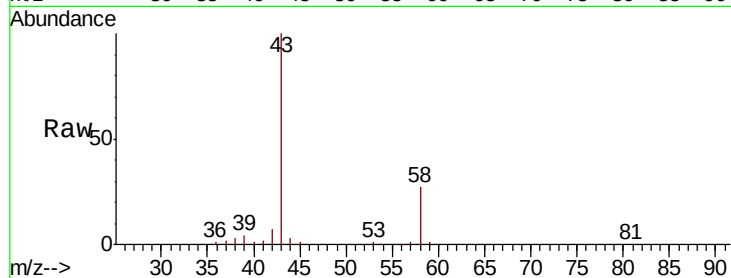
ClientSampled :

Tot Ion: 43 Resp: 654041

Ion Ratio Lower Upper

43 100

58 26.6 29.9 44.9#



#18

Methyl Acetate

Concen: 18.109 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN054910.D

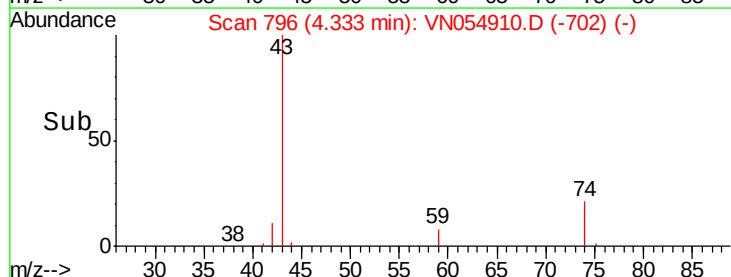
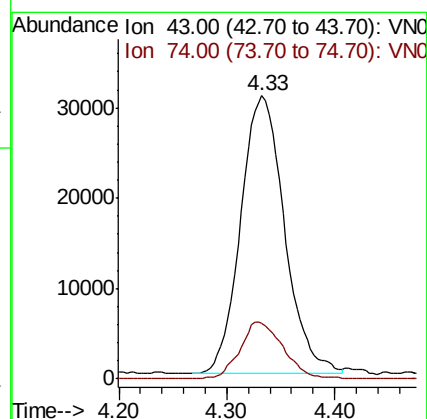
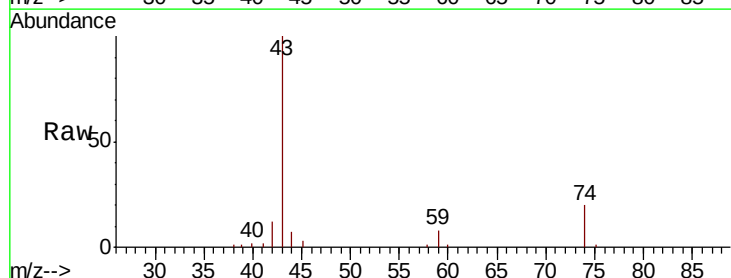
Acq: 2 Apr 2019 18:55

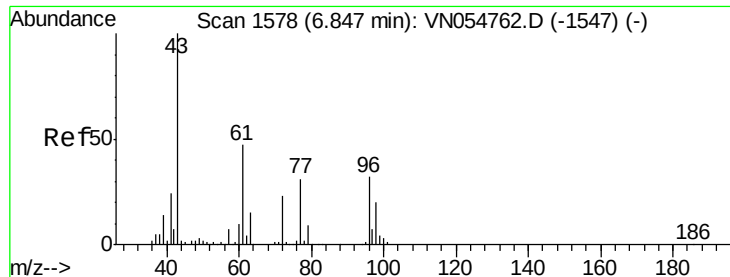
Tgt Ion: 43 Resp: 86980

Ion Ratio Lower Upper

43 100

74 20.1 20.8 31.2#

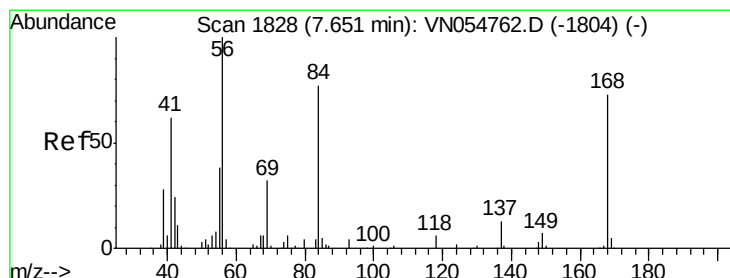
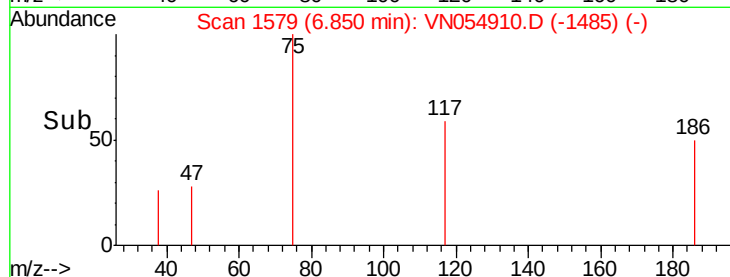
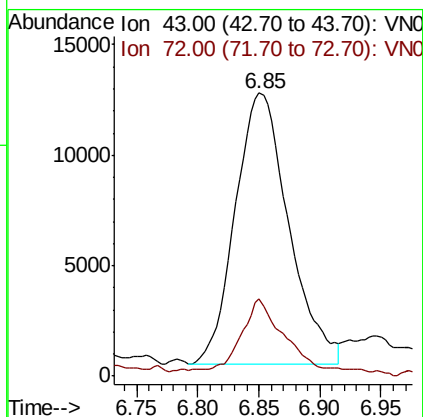
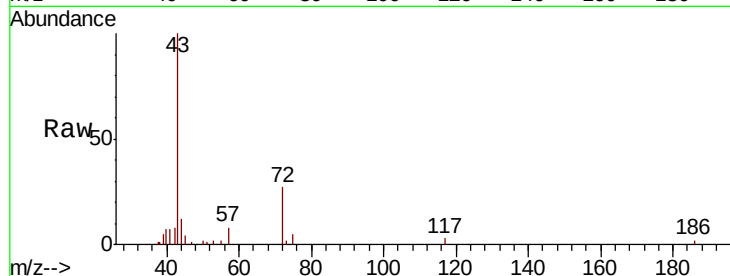




#25
2-Butanone
Concen: 14.079 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VN054910.D
Acq: 2 Apr 2019 18:55

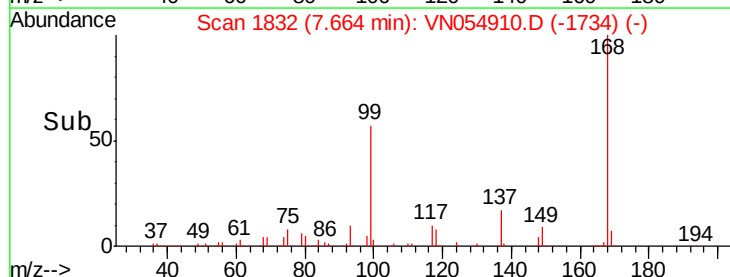
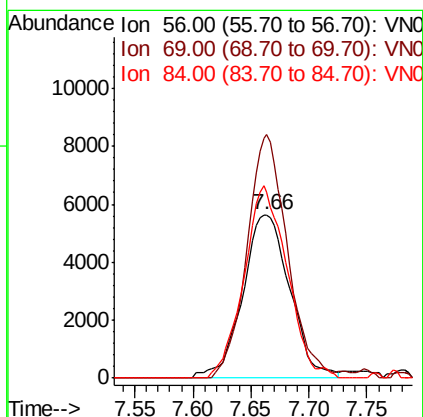
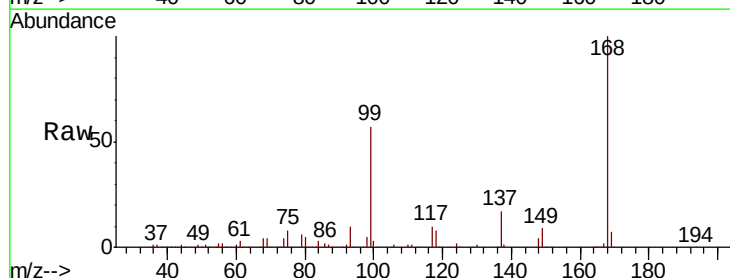
Instrument :
MSVOA_N
ClientSampled :

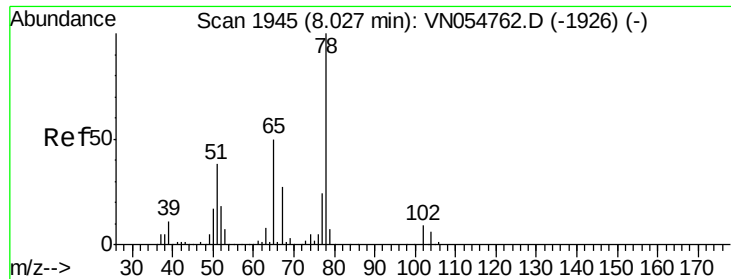
Tot Ion: 43 Resp: 37175
Ion Ratio Lower Upper
43 100
72 26.1 23.0 34.6



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054910.D
Acq: 2 Apr 2019 18:55

Tgt Ion: 56 Resp: 15910
Ion Ratio Lower Upper
56 100
69 149.4 27.8 41.6#
84 114.2 74.6 111.8#

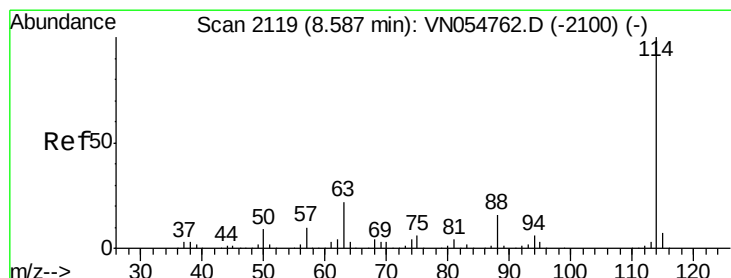
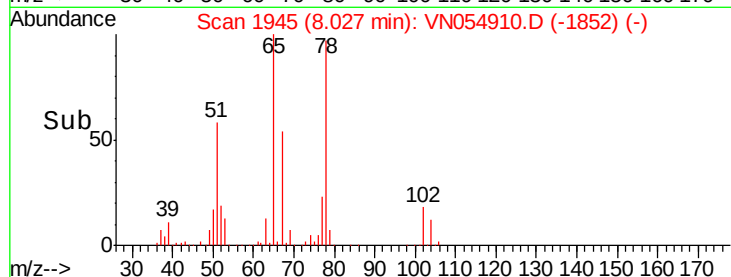
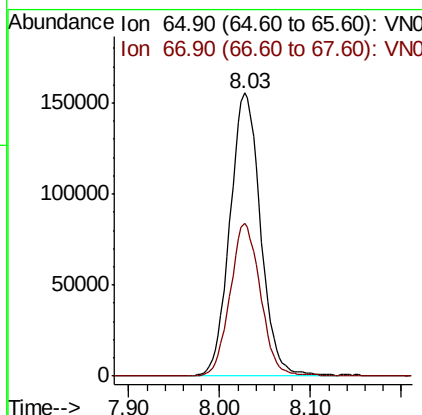
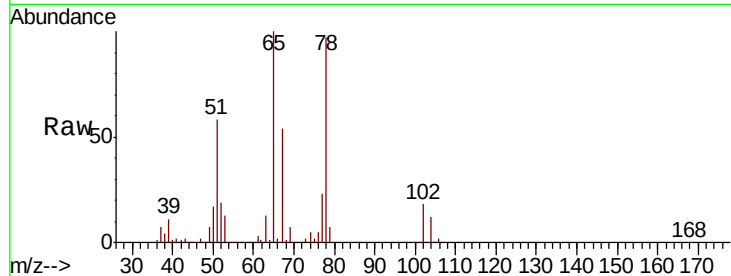




#33
 1,2-Dichloroethane-d4
 Concen: 48.589 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054910.D
 Acq: 2 Apr 2019 18:55

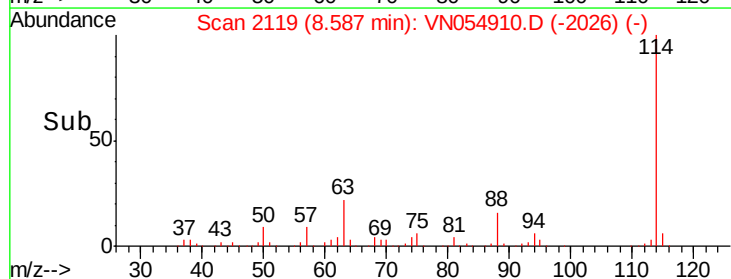
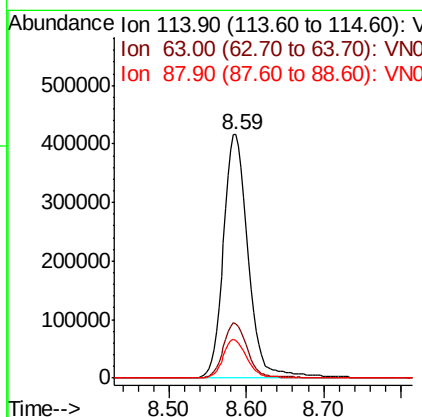
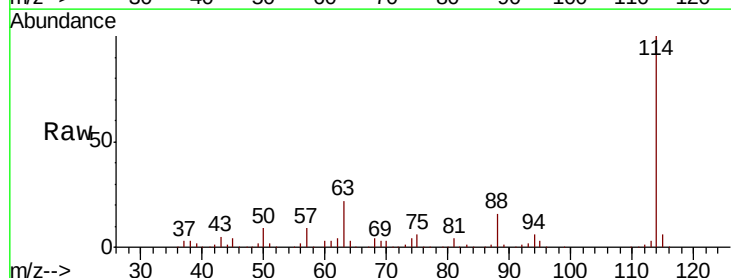
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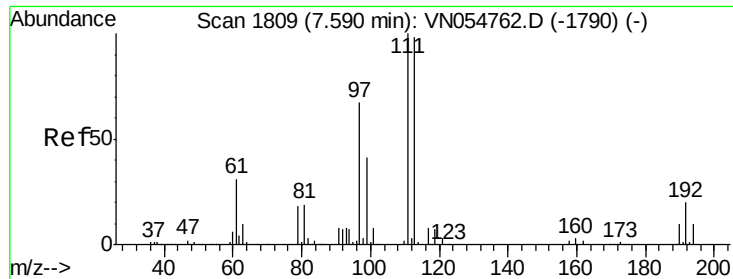
Tot Ion: 65 Resp: 363962
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054910.D
 Acq: 2 Apr 2019 18:55

Tgt Ion: 114 Resp: 924692
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 35.2
 88 15.6 0.0 30.2

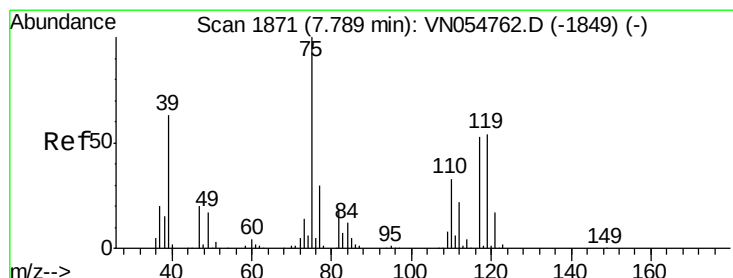
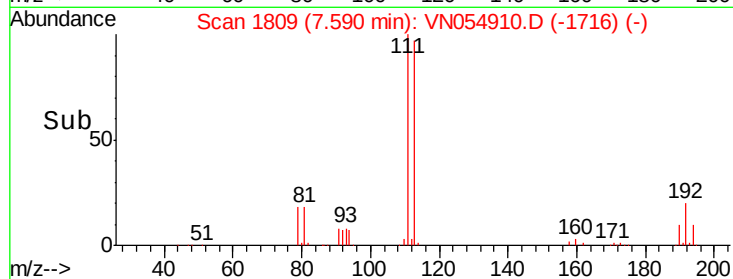
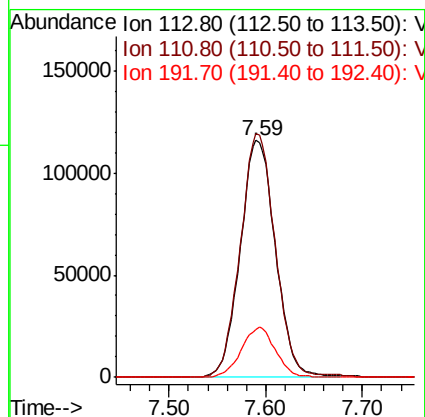
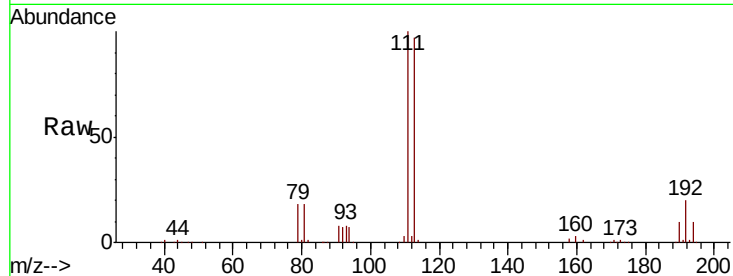




#35
 Dibromofluoromethane
 Concen: 47.652 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054910.D
 Acq: 2 Apr 2019 18:55

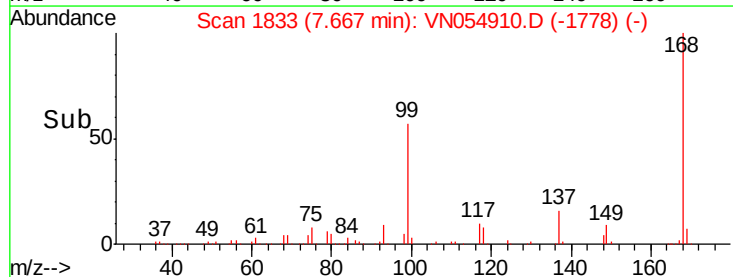
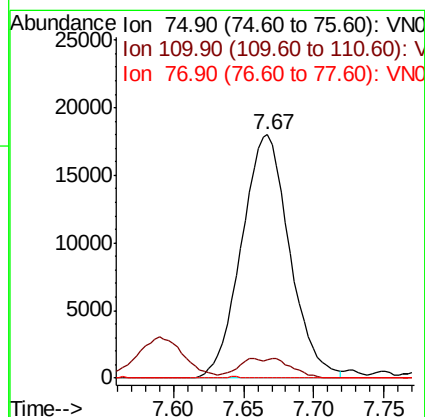
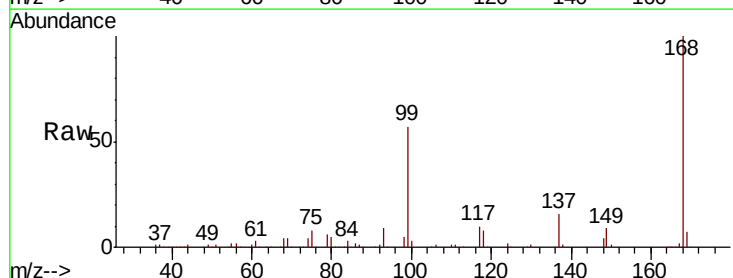
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 ClientSampleId :

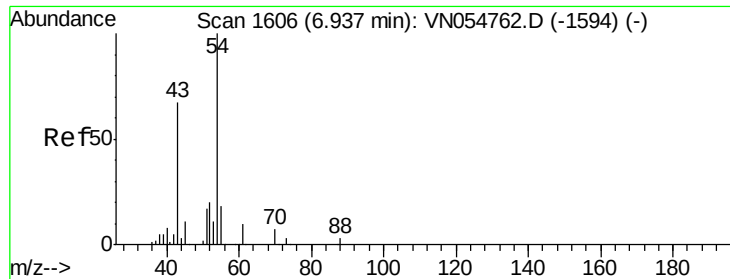
Tot Ion:113 Resp: 293764
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.4
 192 20.6 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 4.973 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054910.D
 Acq: 2 Apr 2019 18:55

Tgt Ion: 75 Resp: 42852
 Ion Ratio Lower Upper
 75 100
 110 3.2 19.1 57.5#
 77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 5.883 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. -0.09 min

Lab File: VN054910.D

Acq: 2 Apr 2019 18:55

Instrument :
MSVOA_N
ClientSampled :

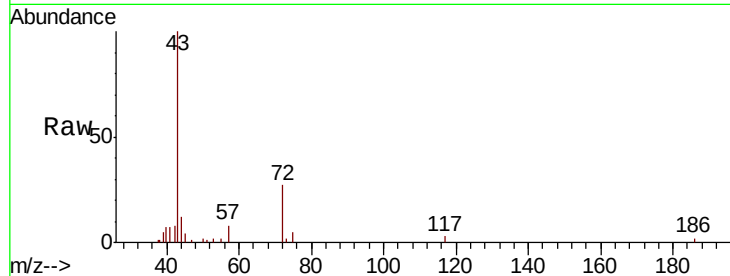
Tot Ion: 43 Resp: 37175

Ion Ratio Lower Upper

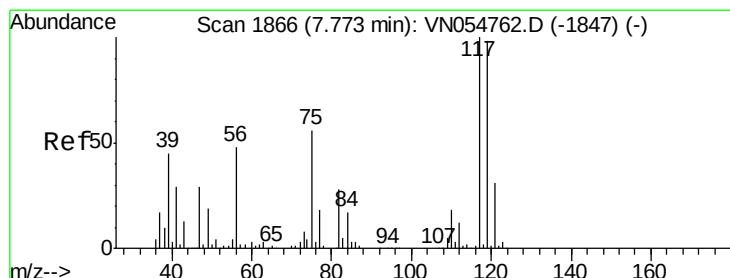
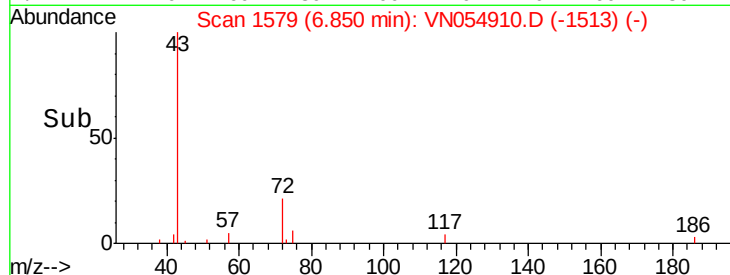
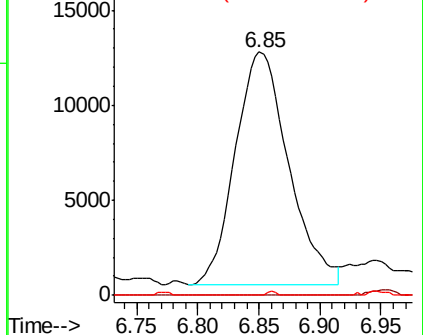
43 100

61 0.0 11.8 17.6#

70 0.3 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0



#38

Carbon Tetrachloride

Concen: 6.279 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054910.D

Acq: 2 Apr 2019 18:55

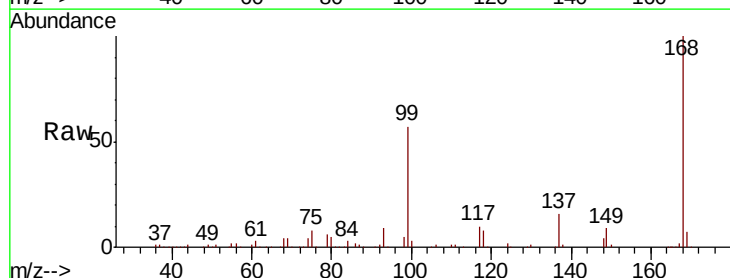
Tgt Ion: 117 Resp: 52546

Ion Ratio Lower Upper

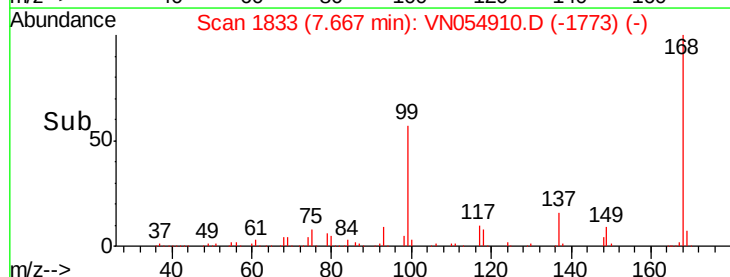
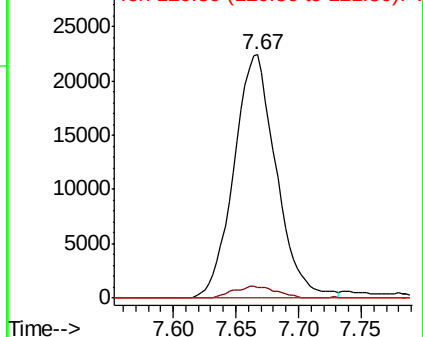
117 100

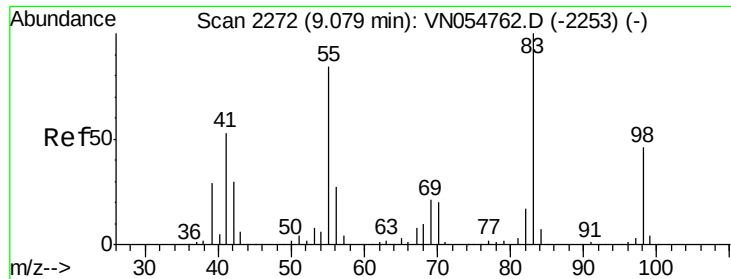
119 4.6 76.3 114.5#

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

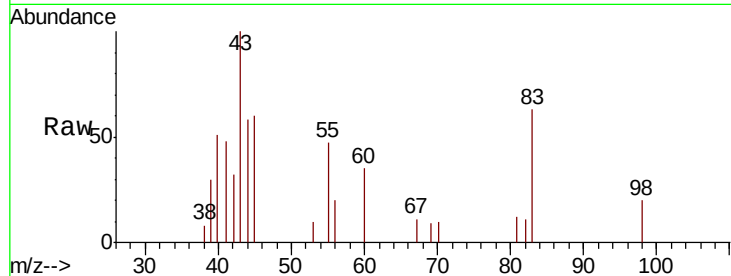




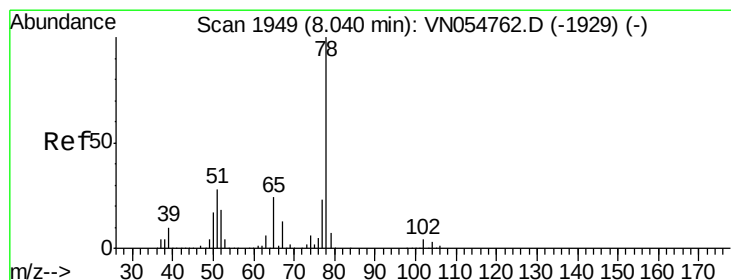
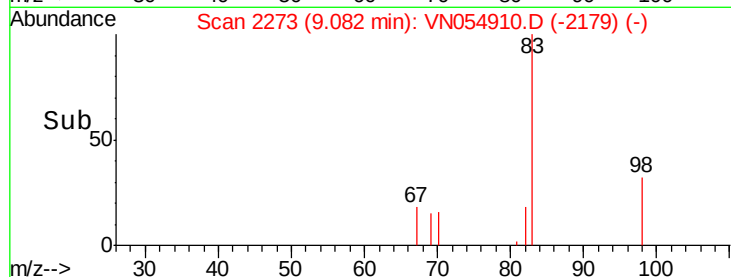
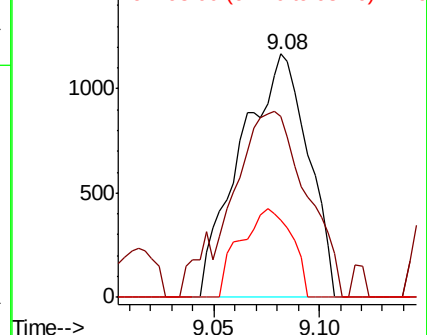
#39
Methylvlcyclohexane
Concen: 0.274 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054910.D
Acq: 2 Apr 2019 18:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 2592
Ion Ratio Lower Upper
83 100
55 74.5 56.6 84.8
98 31.6 38.4 57.6#

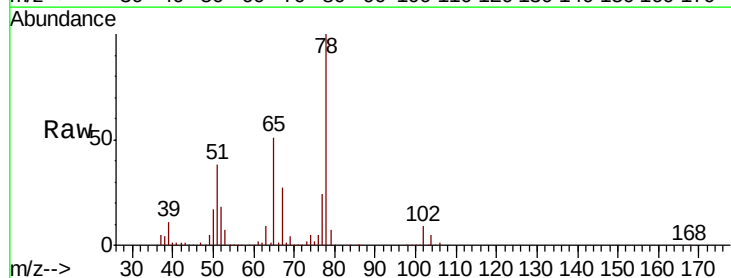


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

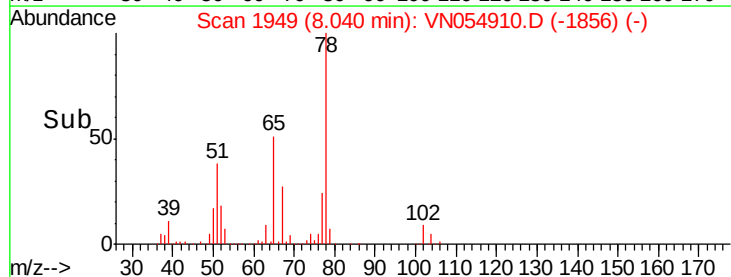
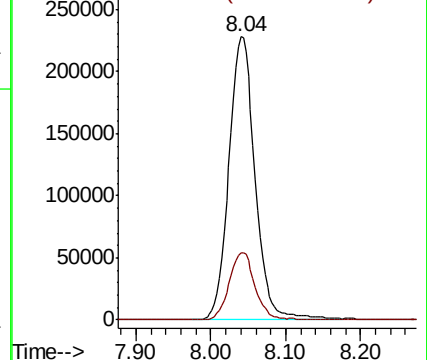


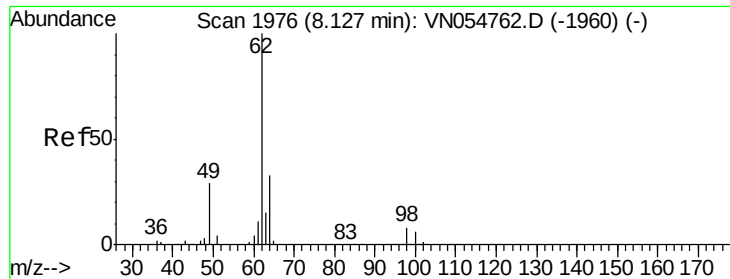
#40
Benzene
Concen: 22.490 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054910.D
Acq: 2 Apr 2019 18:55

Tgt Ion: 78 Resp: 554482
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#42

1,2-Dichloroethane

Concen: 0.609 ug/l

RT: 8.04 min Scan# 1948

Delta R.T. -0.09 min

Lab File: VN054910.D

Acq: 2 Apr 2019 18:55

Instrument :

MSVOA_N

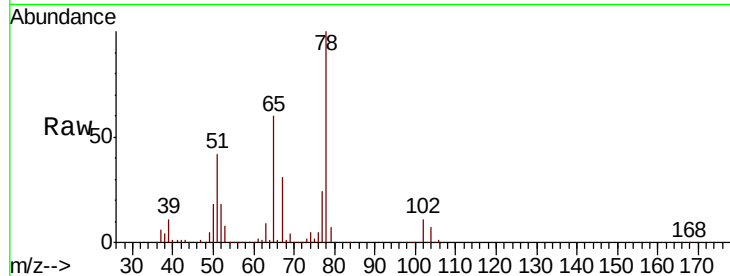
ClientSampleId :

Tot Ion: 62 Resp: 5357

Ion Ratio Lower Upper

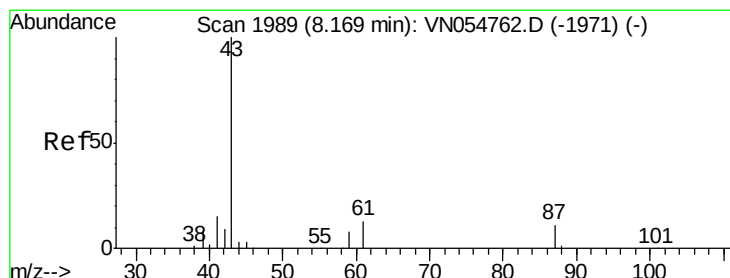
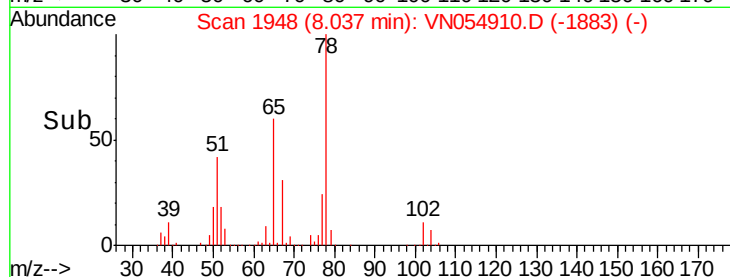
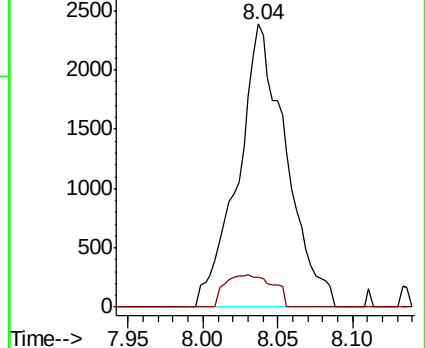
62 100

98 11.3 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#43

Isopropyl Acetate

Concen: 4.968 ug/l

RT: 8.30 min Scan# 2031

Delta R.T. 0.14 min

Lab File: VN054910.D

Acq: 2 Apr 2019 18:55

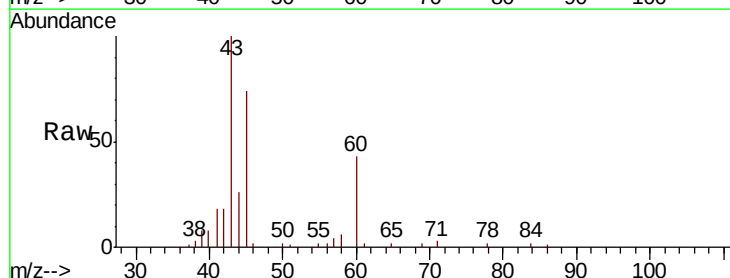
Tgt Ion: 43 Resp: 51007

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

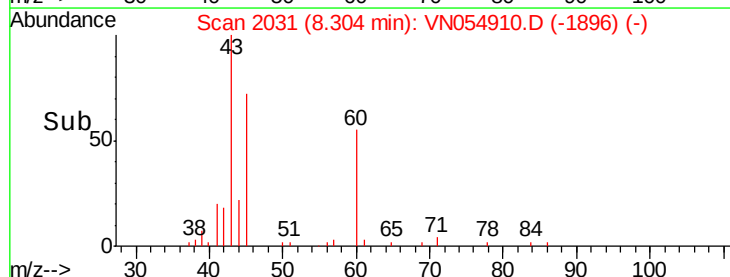
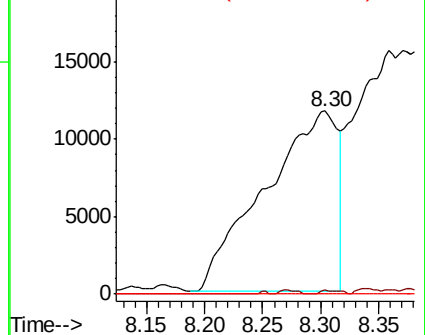
87 0.0 12.0 18.0#

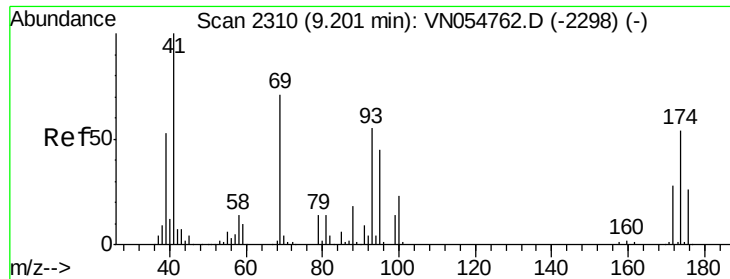


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

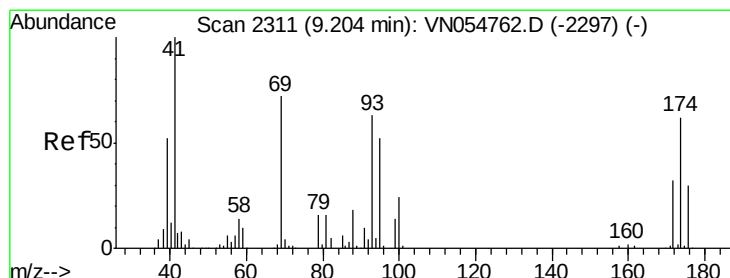
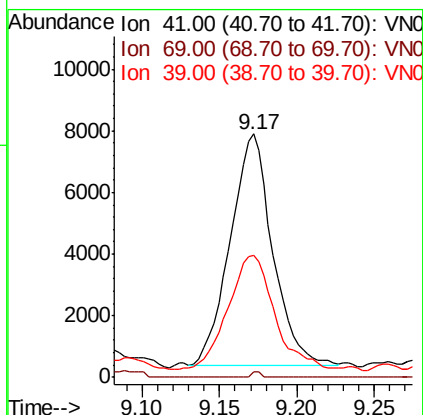
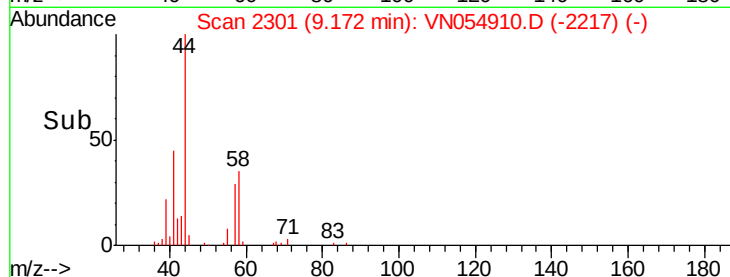
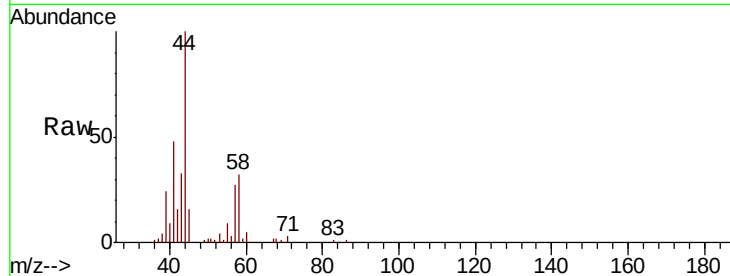




#48
Methvl methacrylate
Concen: 2.543 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.03 min
Lab File: VN054910.D
Acq: 2 Apr 2019 18:55

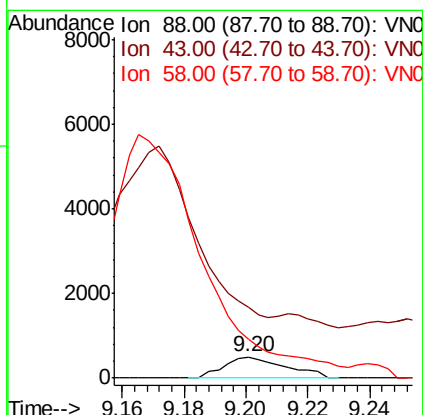
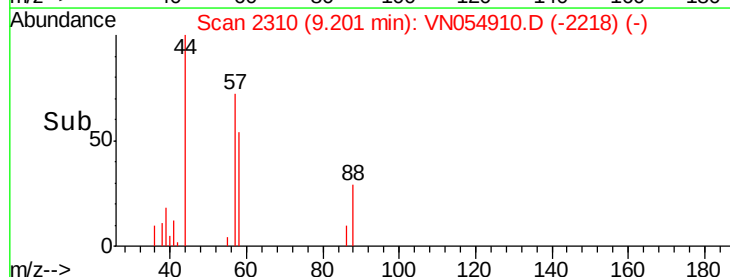
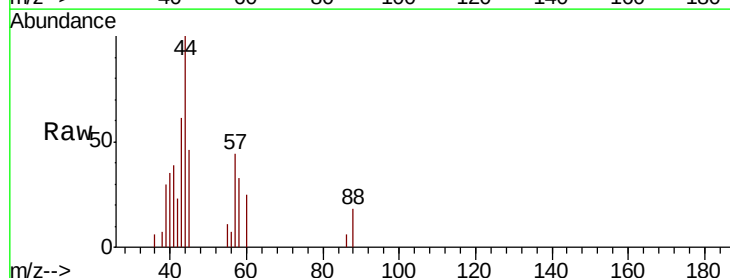
Instrument :
MSVOA_N
ClientSampled :

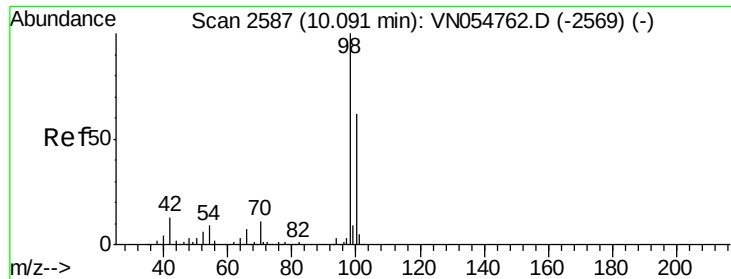
Tot Ion: 41 Resp: 14155
Ion Ratio Lower Upper
41 100
69 0.5 72.6 108.8#
39 53.0 47.5 71.3



#49
1,4-Dioxane
Concen: 12.332 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN054910.D
Acq: 2 Apr 2019 18:55

Tgt Ion: 88 Resp: 681
Ion Ratio Lower Upper
88 100
43 0.0 24.1 36.1#
58 0.0 50.8 76.2#

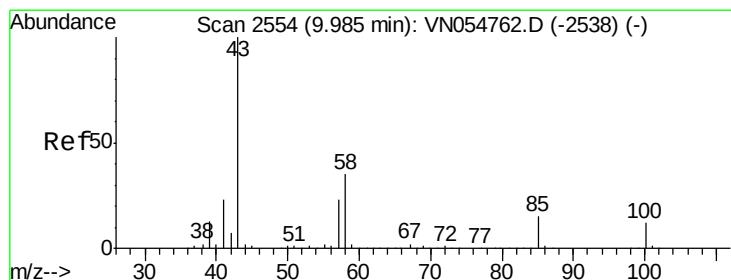
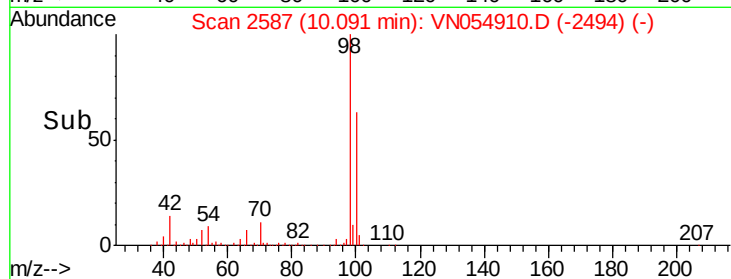
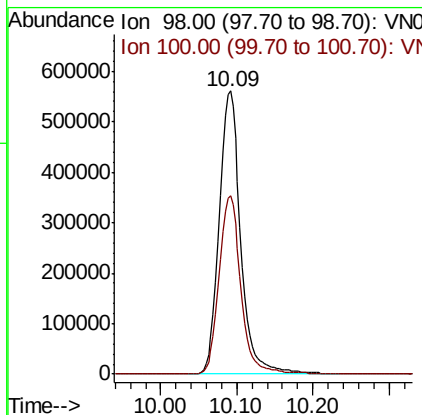
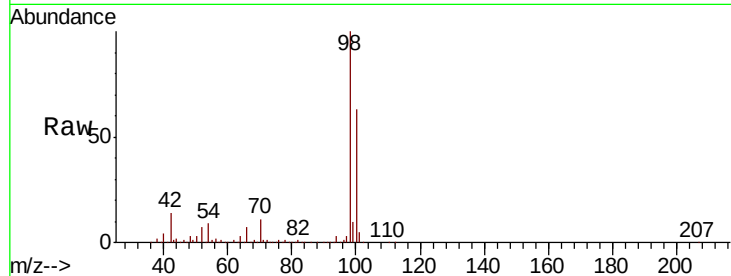




#50
Toluene-d8
Concen: 48.292 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054910.D
Acq: 2 Apr 2019 18:55

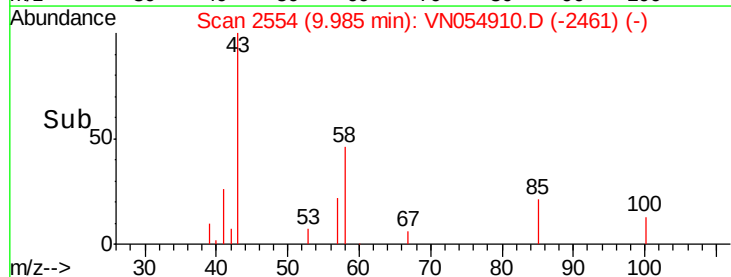
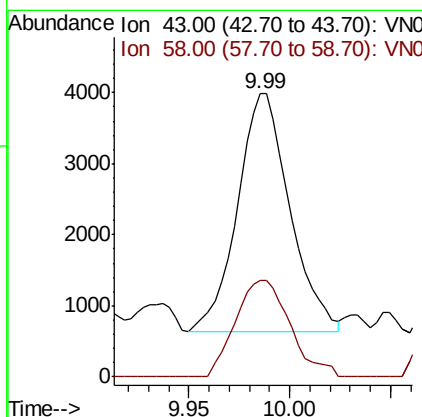
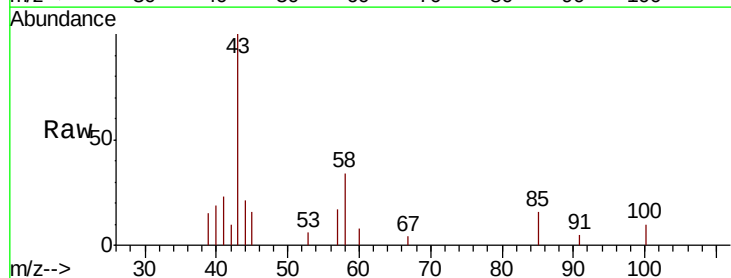
Instrument :
MSVOA_N
ClientSampled :

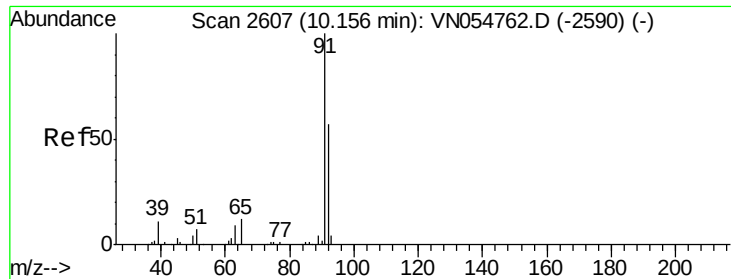
Tot Ion: 98 Resp: 1106838
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 1.048 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN054910.D
Acq: 2 Apr 2019 18:55

Tgt Ion: 43 Resp: 6050
Ion Ratio Lower Upper
43 100
58 42.6 31.8 47.6





#52

Toluene

Concen: 42.037 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054910.D

Acq: 2 Apr 2019 18:55

Instrument :

MSVOA_N

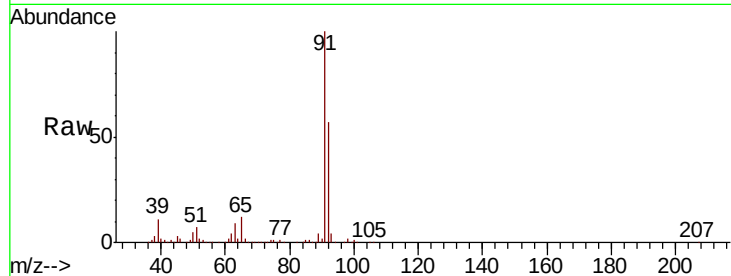
ClientSampled :

Tot Ion: 92 Resp: 616700

Ion Ratio Lower Upper

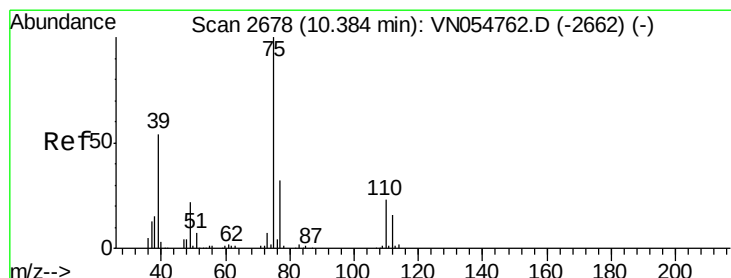
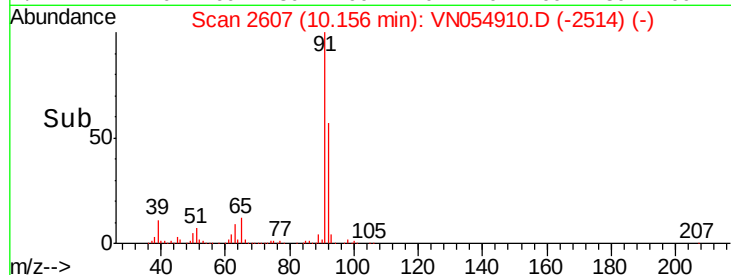
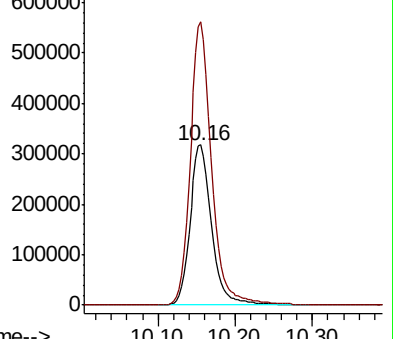
92 100

91 175.3 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 0.995 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.23 min

Lab File: VN054910.D

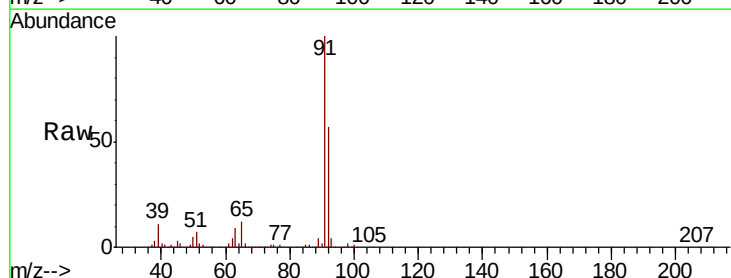
Acq: 2 Apr 2019 18:55

Tgt Ion: 75 Resp: 7695

Ion Ratio Lower Upper

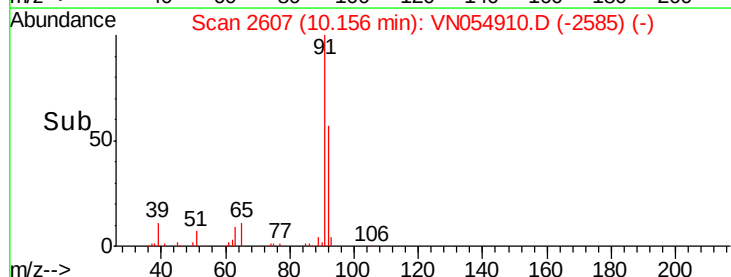
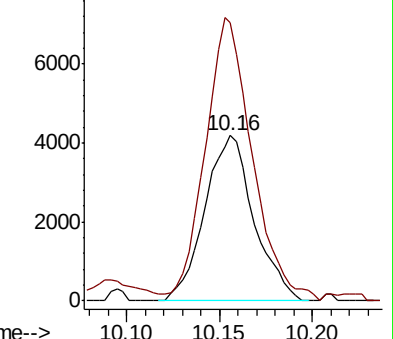
75 100

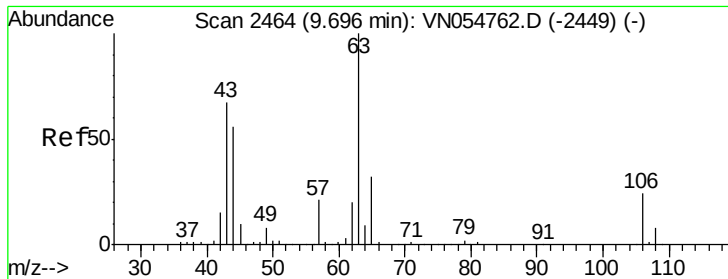
77 163.9 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#58

2-Chloroethyl Vinyl ether

Concen: 10.689 ug/l

RT: 9.70 min Scan# 2466

Delta R.T. 0.01 min

Lab File: VN054910.D

Acq: 2 Apr 2019 18:55

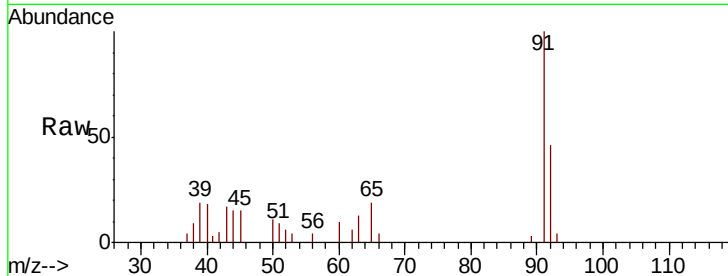
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 1077

Ion Ratio Lower Upper

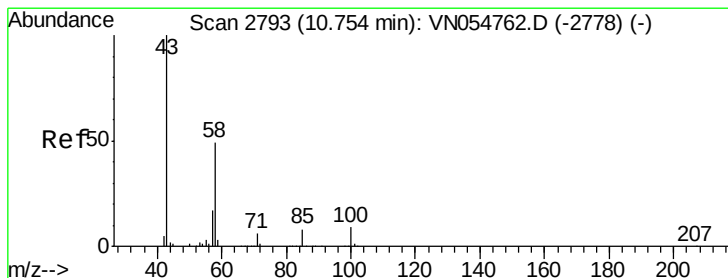
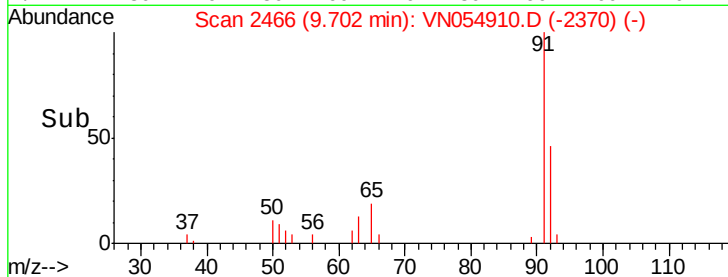
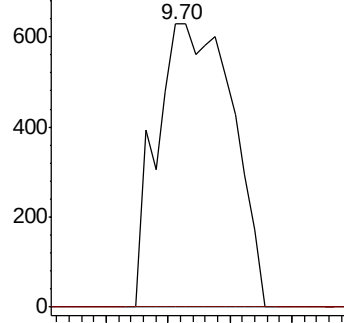
63 100

106 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 0.438 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN054910.D

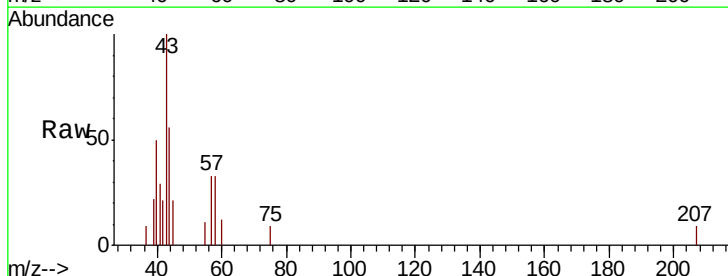
Acq: 2 Apr 2019 18:55

Tgt Ion: 43 Resp: 1617

Ion Ratio Lower Upper

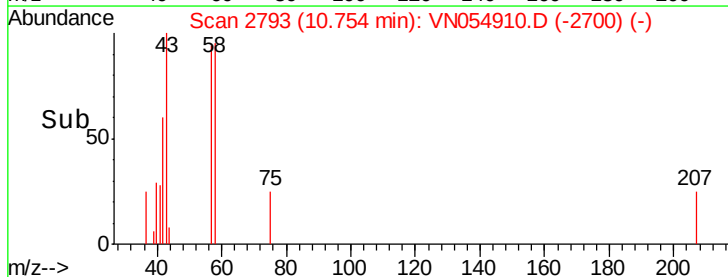
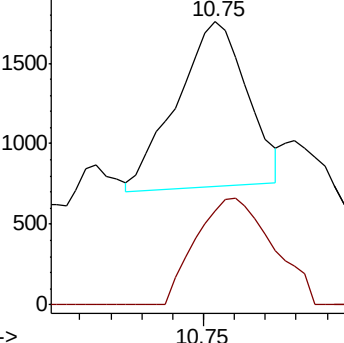
43 100

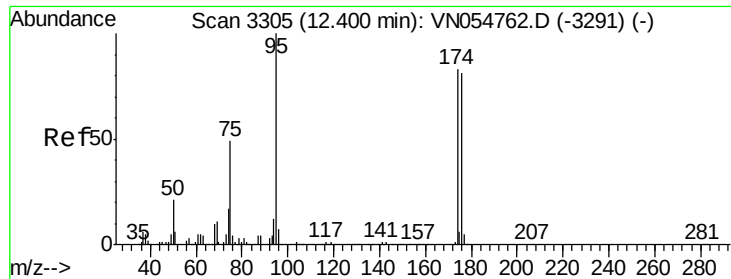
58 70.6 28.0 83.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 46.843 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054910.D

Acq: 2 Apr 2019 18:55

Instrument :

MSVOA_N

ClientSampled :

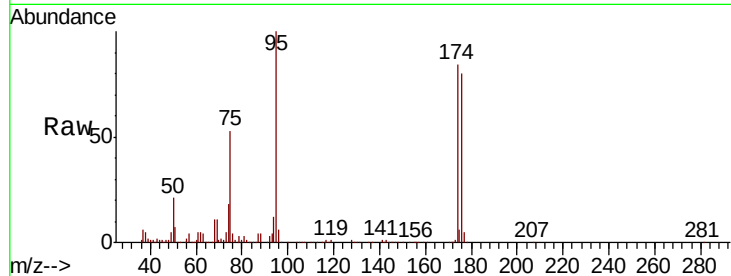
Tot Ion: 95 Resp: 357059

Ion Ratio Lower Upper

95 100

174 85.3 0.0 191.0

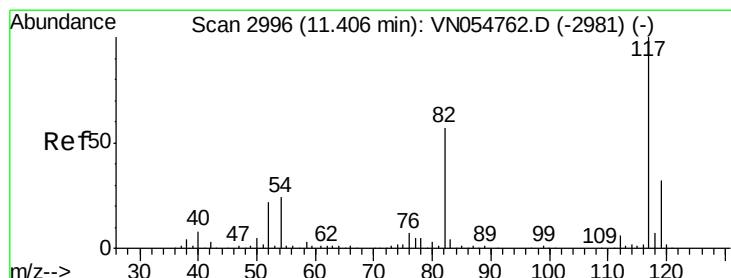
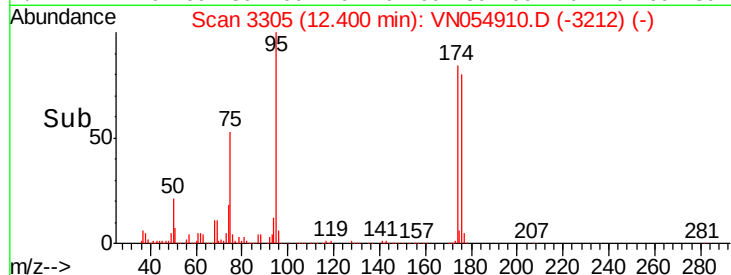
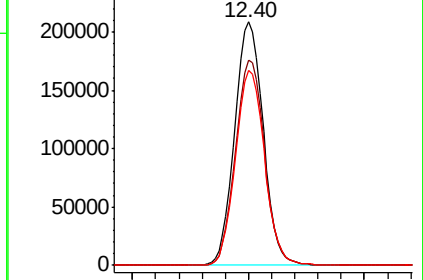
176 81.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054910.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054910.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054910.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054910.D

Acq: 2 Apr 2019 18:55

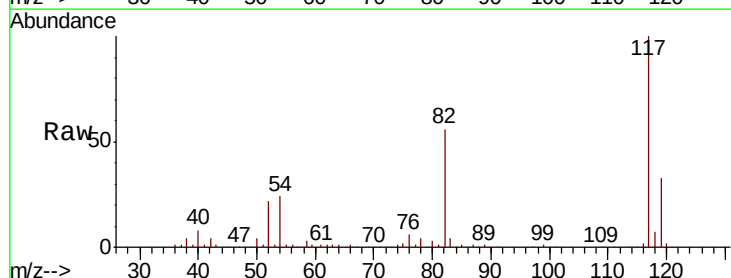
Tgt Ion: 117 Resp: 795502

Ion Ratio Lower Upper

117 100

82 56.0 40.0 60.0

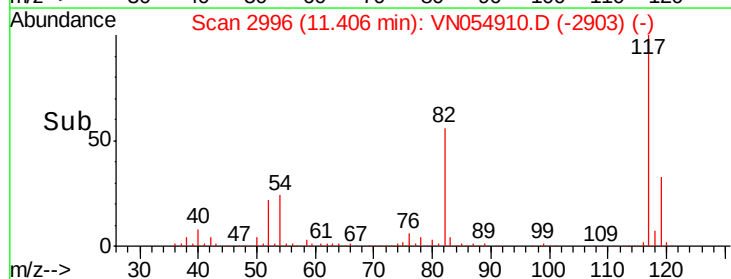
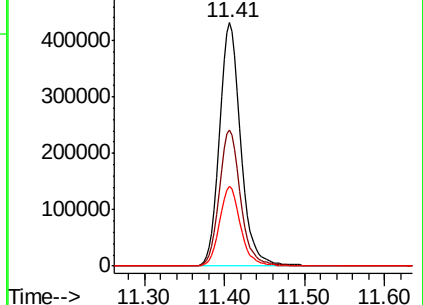
119 32.8 25.8 38.6

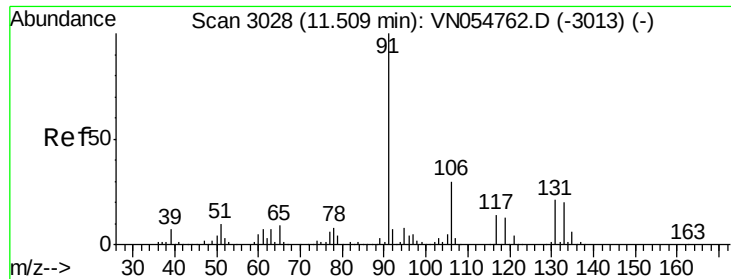


Abundance Ion 116.90 (116.60 to 117.60): VN054910.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054910.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054910.D (-2903) (-)

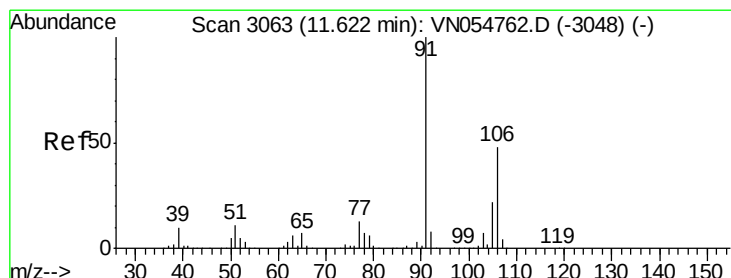
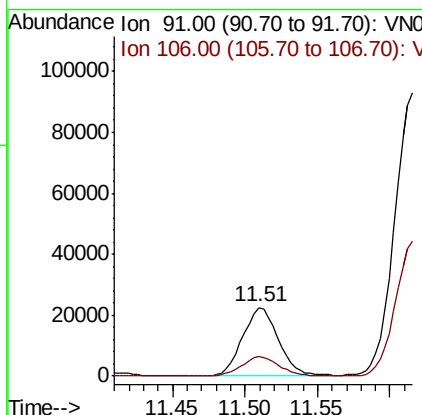
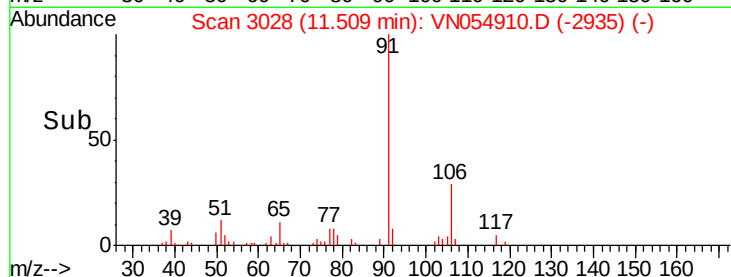
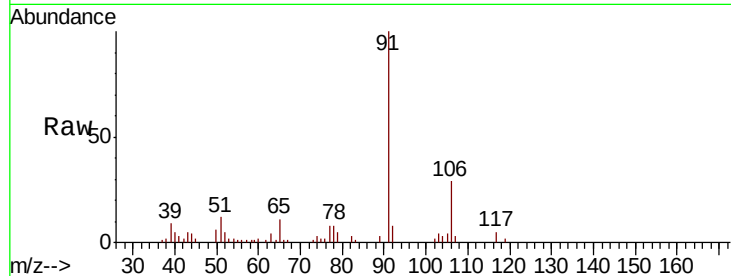




#67
Ethyl Benzene
Concen: 1.390 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054910.D
Acq: 2 Apr 2019 18:55

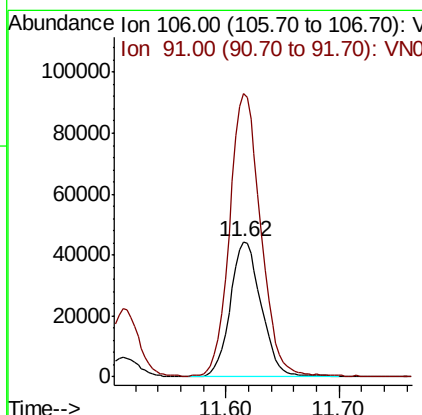
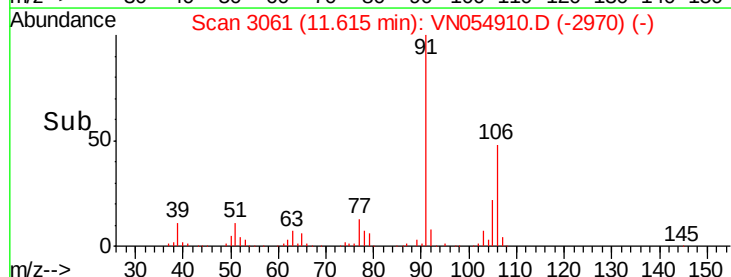
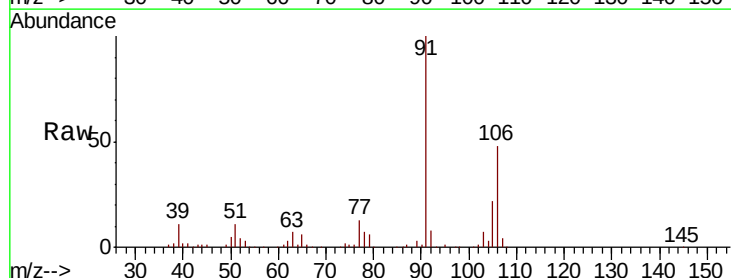
Instrument :
MSVOA_N
ClientSampled :

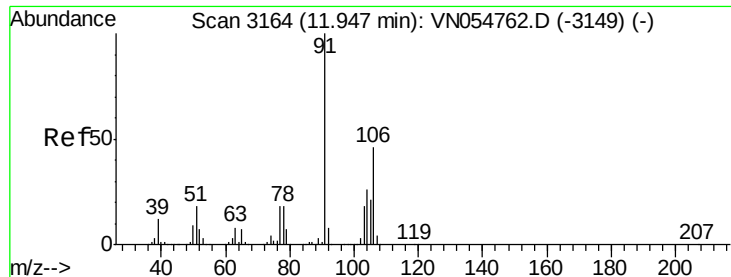
Tot Ion: 91 Resp: 39057
Ion Ratio Lower Upper
91 100
106 28.6 25.5 38.3



#68
m/p-Xylenes
Concen: 8.162 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054910.D
Acq: 2 Apr 2019 18:55

Tgt Ion: 106 Resp: 84897
Ion Ratio Lower Upper
106 100
91 208.6 159.4 239.2

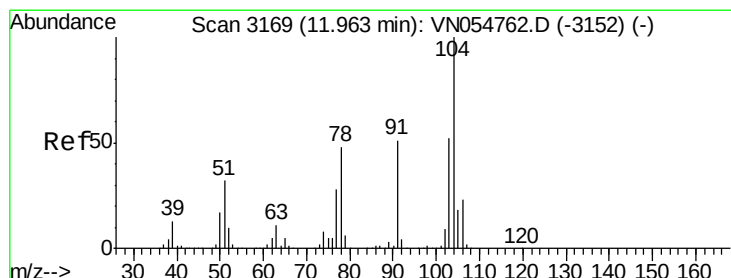
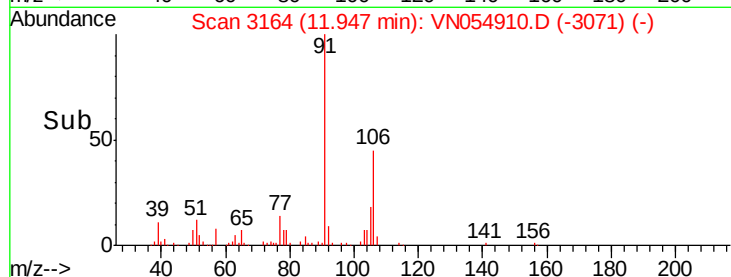
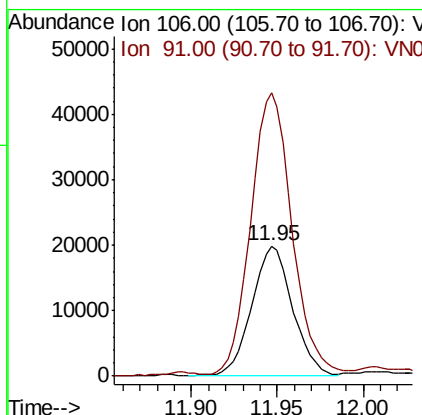
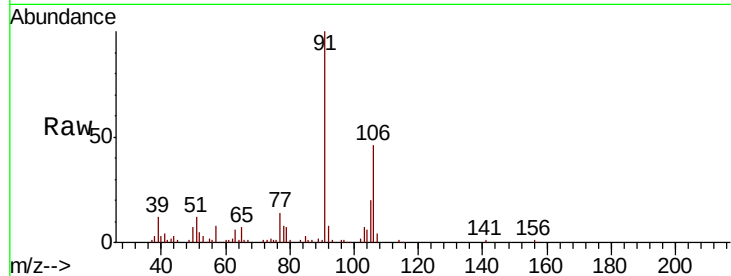




#69
o-Xylene
Concen: 3.220 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054910.D
Acq: 2 Apr 2019 18:55

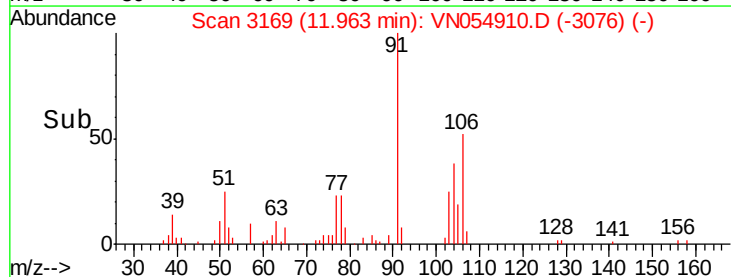
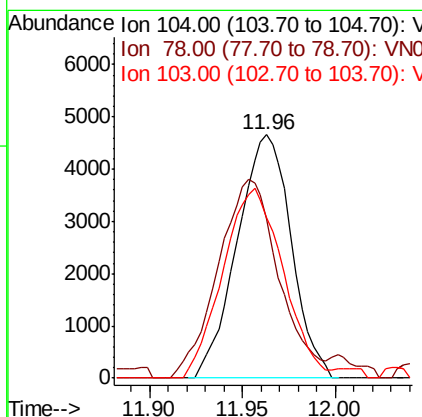
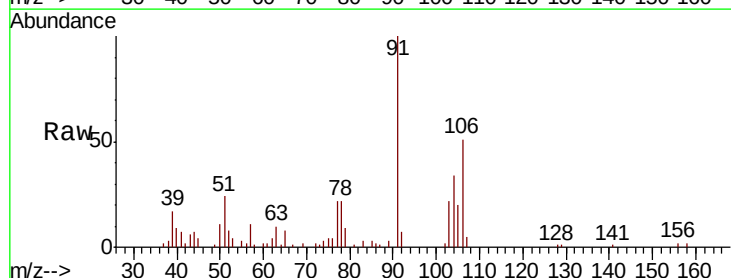
Instrument :
MSVOA_N
ClientSampled :

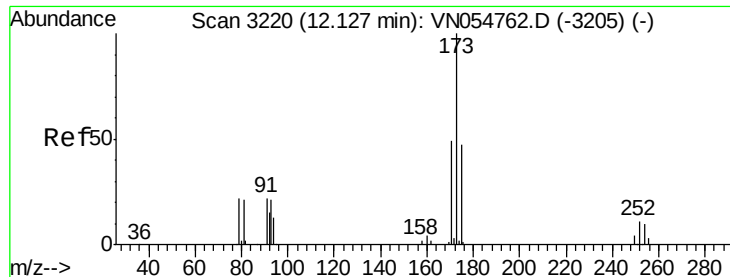
Tot Ion:106 Resp: 32839
Ion Ratio Lower Upper
106 100
91 216.8 105.7 317.1



#70
Styrene
Concen: 0.581 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054910.D
Acq: 2 Apr 2019 18:55

Tgt Ion:104 Resp: 9469
Ion Ratio Lower Upper
104 100
78 91.8 38.2 57.2#
103 86.9 44.4 66.6#





#71

Bromoform

Concen: 1.130 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054910.D

Acq: 2 Apr 2019 18:55

Instrument :

MSVOA_N

ClientSampleId :

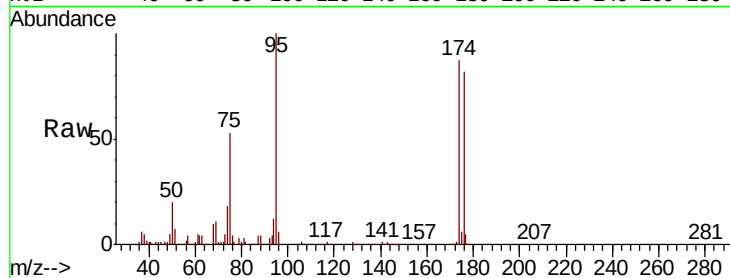
Tot Ion:173 Resp: 3860

Ion Ratio Lower Upper

173 100

175 519.7 24.4 73.2#

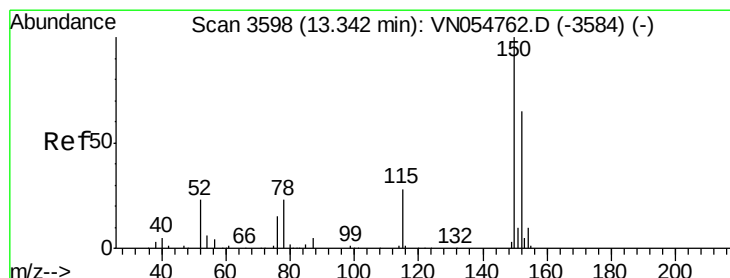
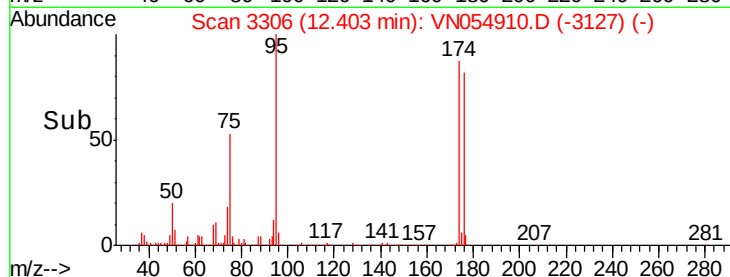
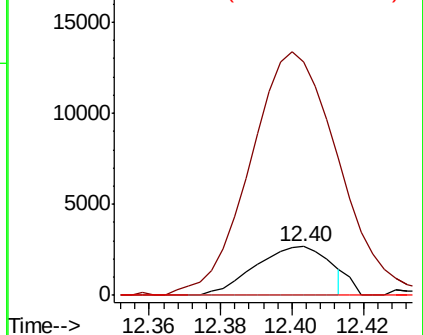
254 0.0 0.1 0.1#



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: VN054910.D

Acq: 2 Apr 2019 18:55

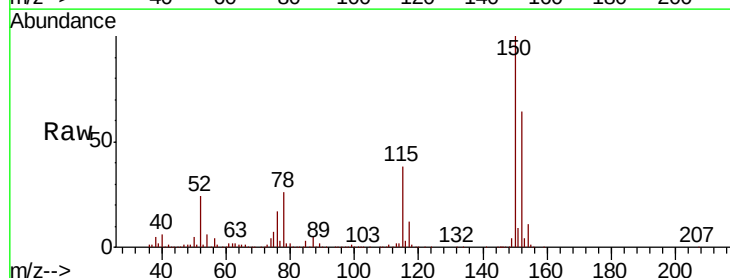
Tgt Ion:152 Resp: 305341

Ion Ratio Lower Upper

152 100

115 59.3 27.2 81.6

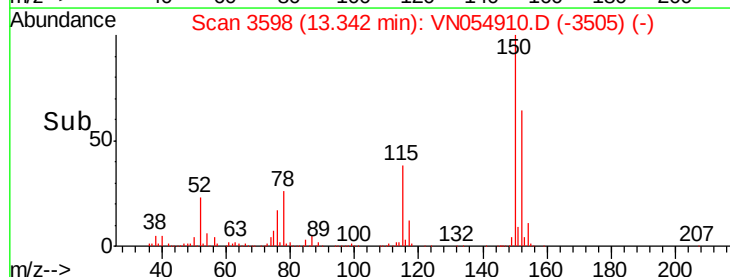
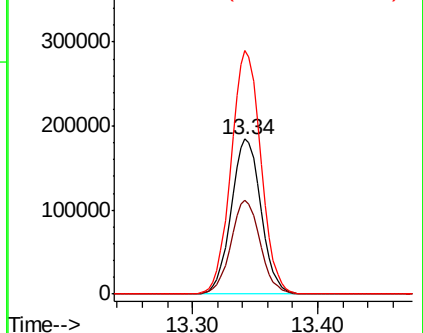
150 156.8 0.0 349.2

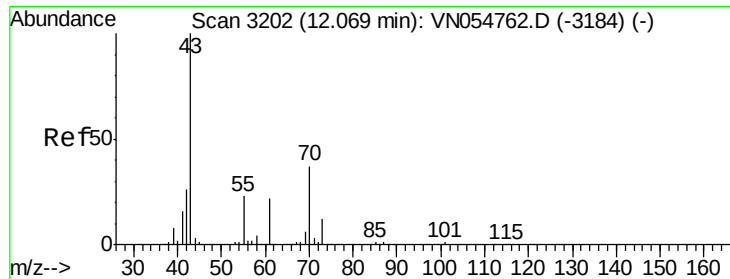


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.367 ug/l

RT: 12.02 min Scan# 3188

Delta R.T. -0.04 min

Lab File: VN054910.D

Acq: 2 Apr 2019 18:55

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 2850

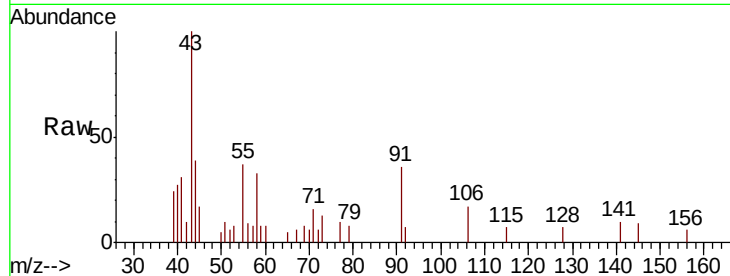
Ion Ratio Lower Upper

43 100

70 0.0 35.4 53.0#

55 0.0 19.8 29.6#

61 0.0 19.8 29.6#

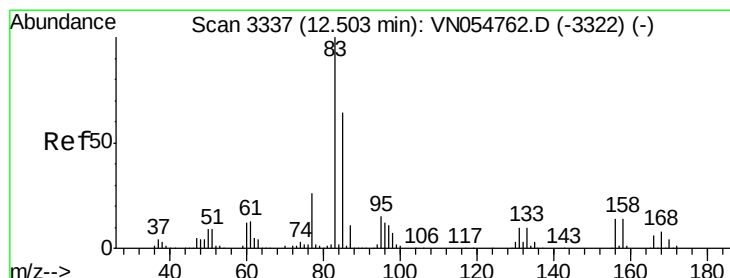
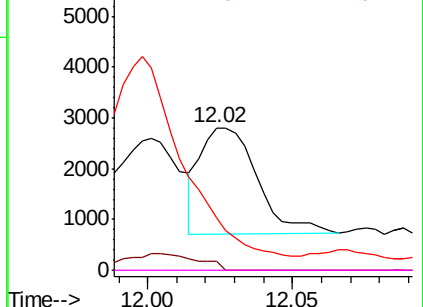
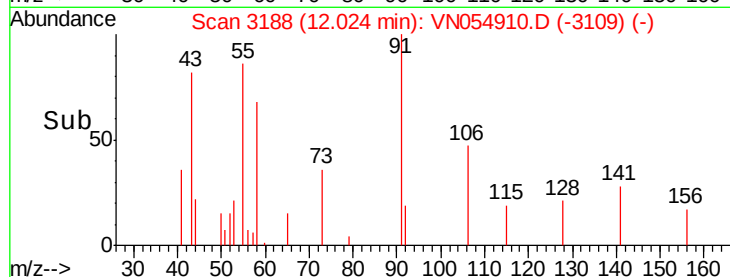


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN054910.D

Acq: 2 Apr 2019 18:55

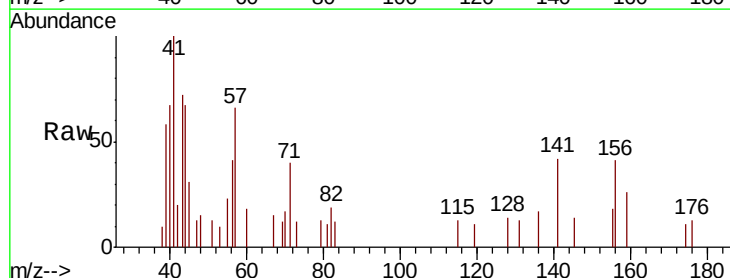
Tgt Ion: 83 Resp: 96

Ion Ratio Lower Upper

83 100

131 160.4 5.8 17.4#

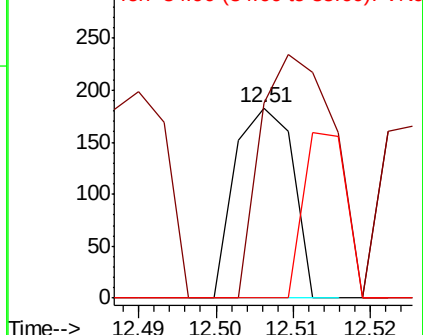
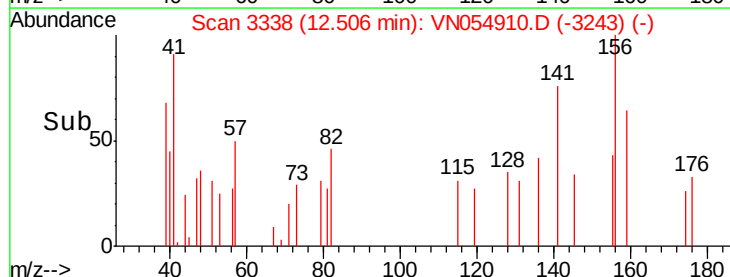
85 63.5 32.2 96.6

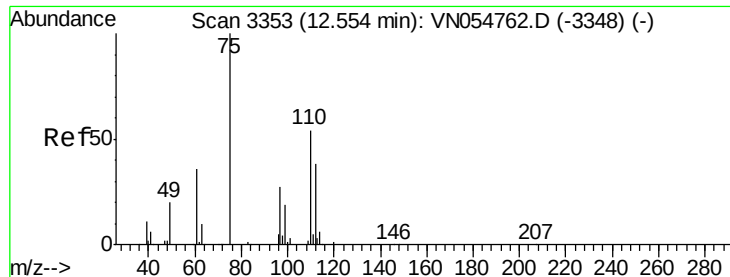


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 34.657 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054910.D

Acq: 2 Apr 2019 18:55

Instrument :

MSVOA_N

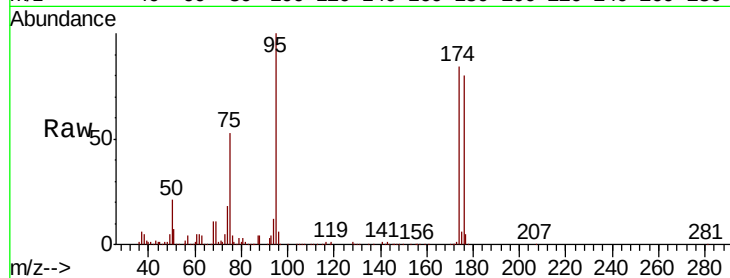
ClientSampled :

Tot Ion: 75 Resp: 183838

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

120000

100000

80000

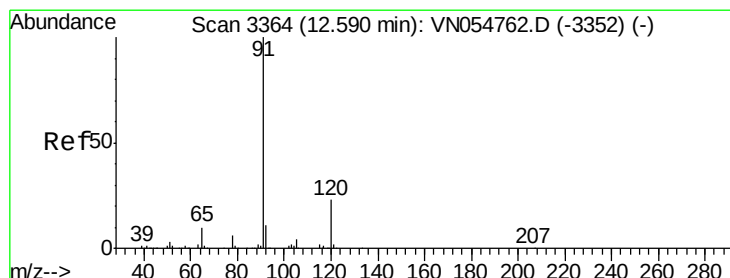
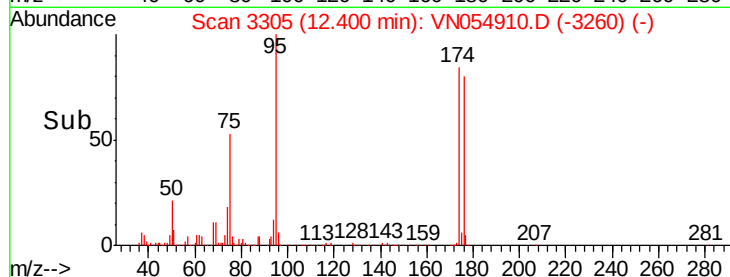
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#78

n-propylbenzene

Concen: 0.239 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054910.D

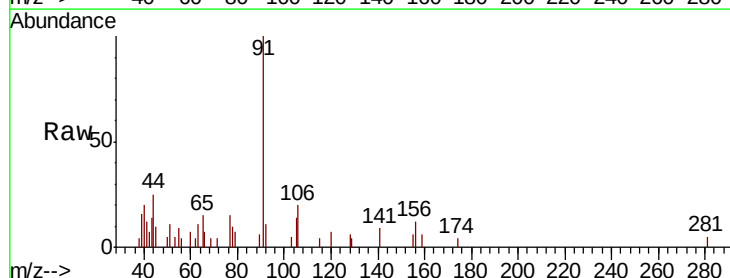
Acq: 2 Apr 2019 18:55

Tgt Ion: 91 Resp: 6554

Ion Ratio Lower Upper

91 100

120 5.3 12.3 36.9#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

5000

4000

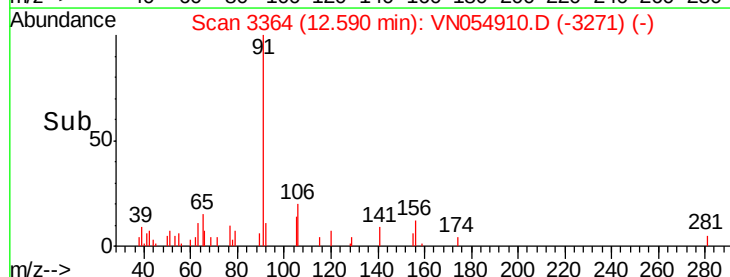
3000

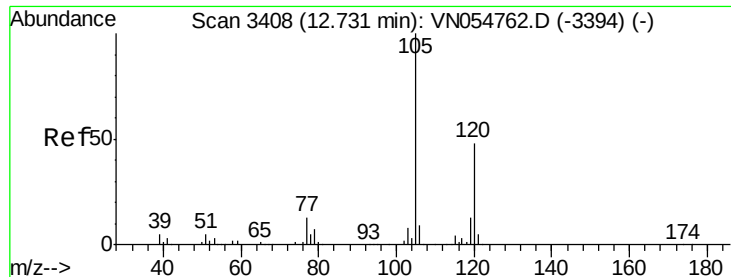
2000

1000

0

Time--> 12.55 12.60 12.65





#80

1,3,5-Trimethylbenzene

Concen: 0.613 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054910.D

Acq: 2 Apr 2019 18:55

Instrument :

MSVOA_N

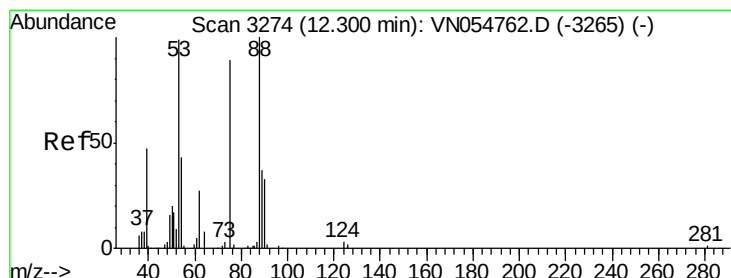
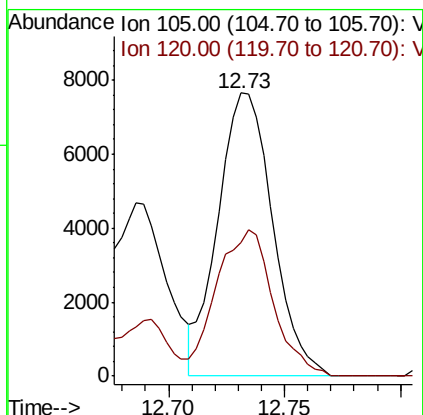
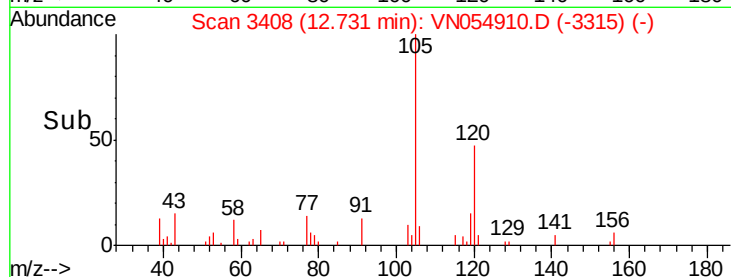
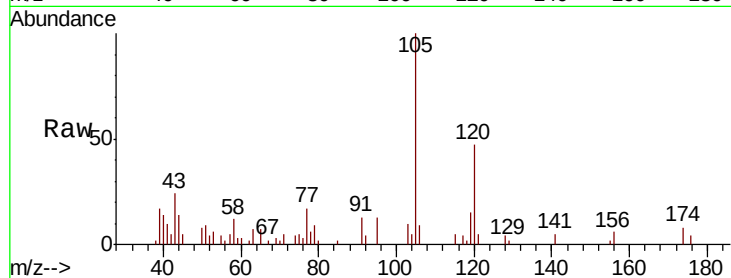
ClientSampleId :

Tot Ion:105 Resp: 12557

Ion Ratio Lower Upper

105 100

120 53.8 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 134.807 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054910.D

Acq: 2 Apr 2019 18:55

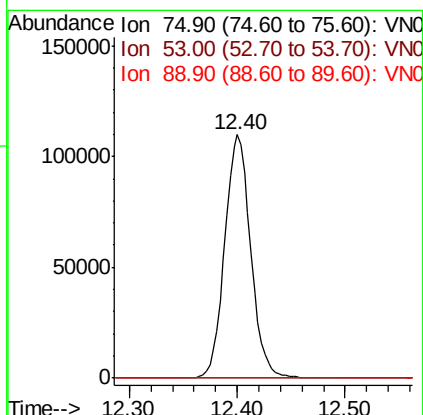
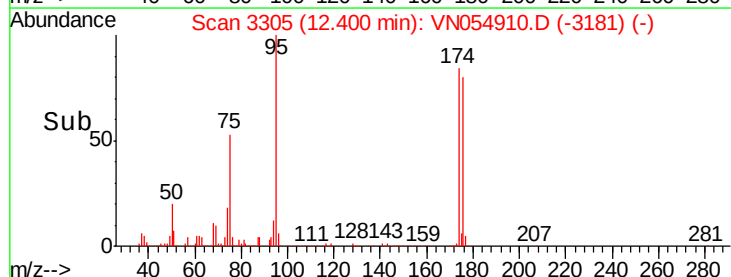
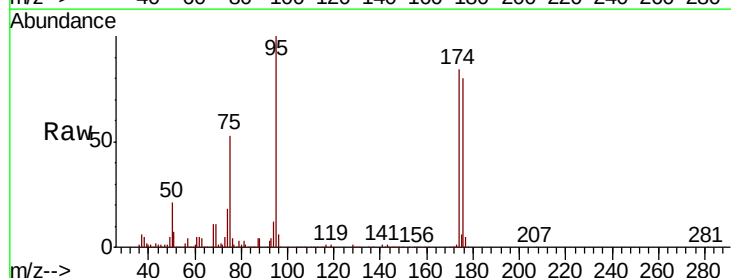
Tgt Ion: 75 Resp: 183838

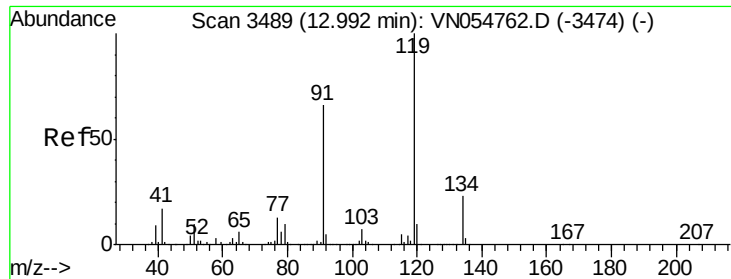
Ion Ratio Lower Upper

75 100

53 0.1 76.2 114.2#

89 0.0 39.2 58.8#

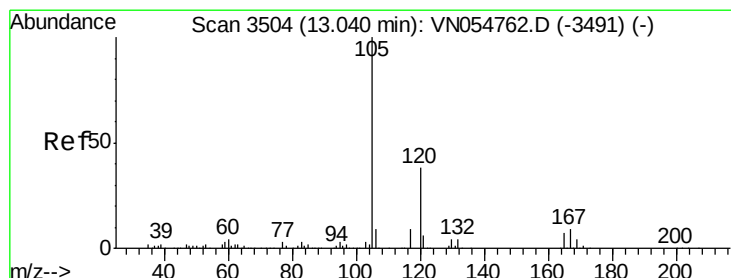
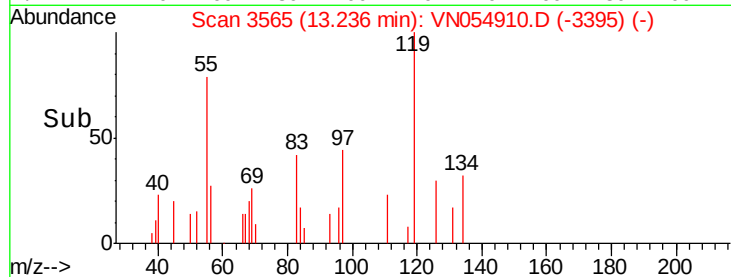
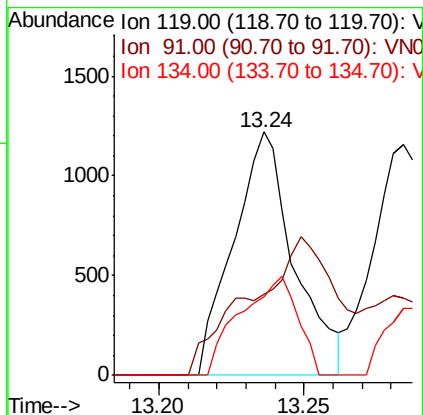
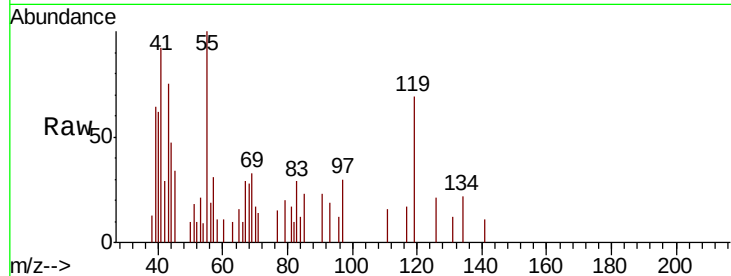




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.24 min Scan# 3565
 Delta R.T. 0.25 min
 Lab File: VN054910.D
 Acq: 2 Apr 2019 18:55

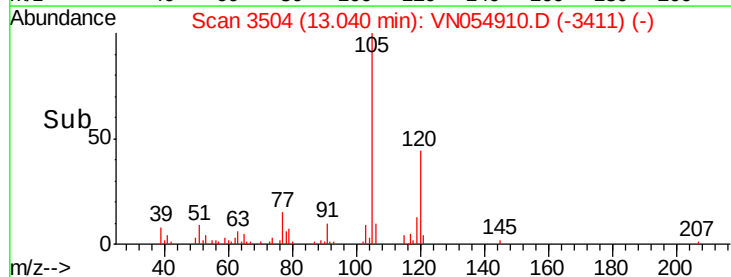
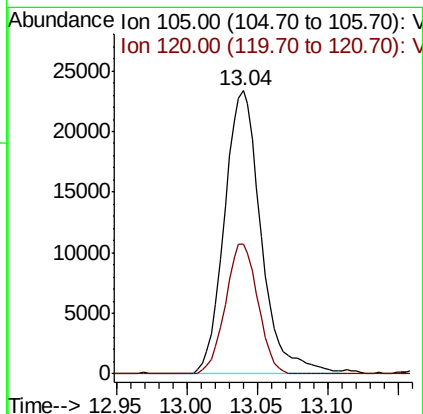
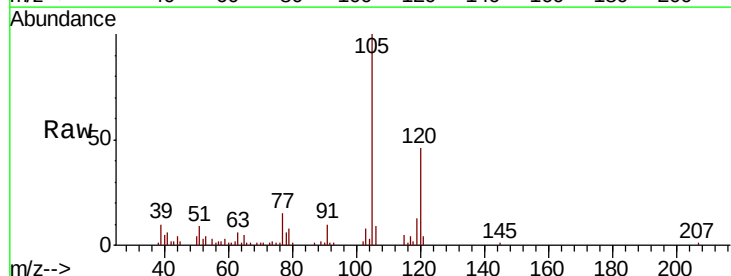
Instrument :
 MSVOA_N
 ClientSampleId :

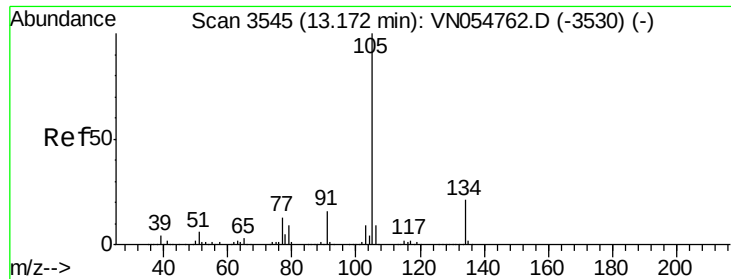
Tot Ion:119 Resp: 1777
 Ion Ratio Lower Upper
 119 100
 91 80.2 30.9 92.8
 134 38.4 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 2.172 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054910.D
 Acq: 2 Apr 2019 18:55

Tgt Ion:105 Resp: 42373
 Ion Ratio Lower Upper
 105 100
 120 40.4 23.4 70.3





#85

sec-Butylbenzene

Concen: 1.905 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054910.D

Acq: 2 Apr 2019 18:55

Instrument :

MSVOA_N

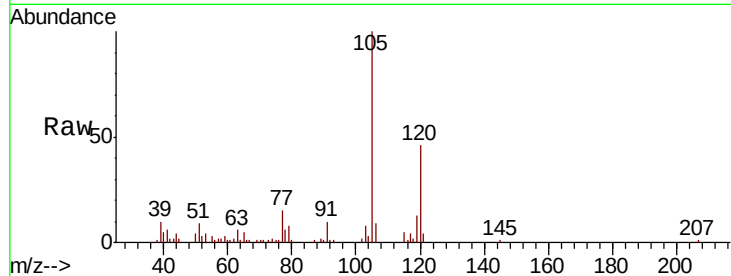
ClientSampled :

Tot Ion:105 Resp: 42373

Ion Ratio Lower Upper

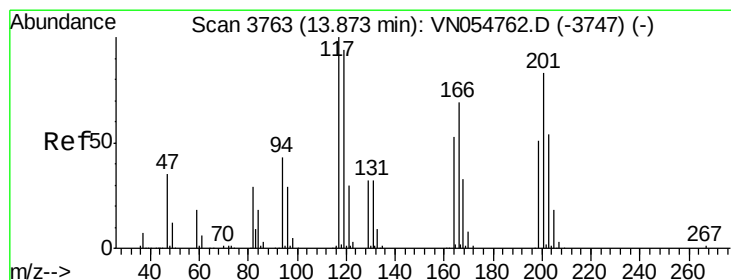
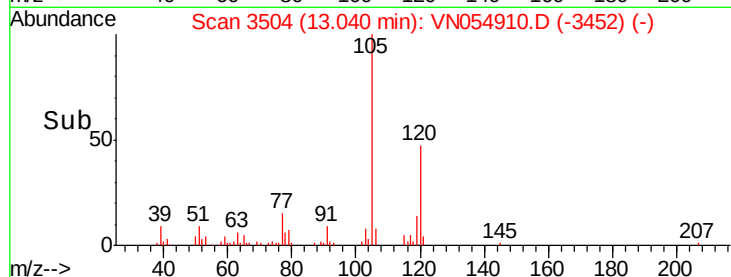
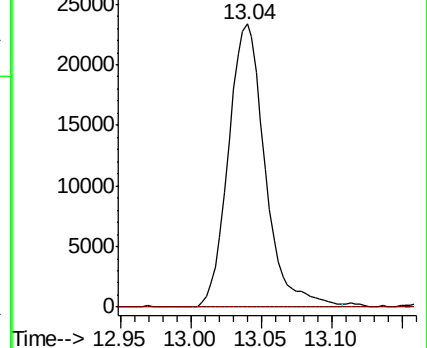
105 100

134 0.0 10.7 32.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.270 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN054910.D

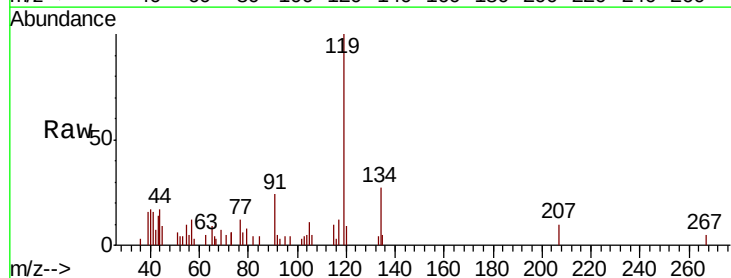
Acq: 2 Apr 2019 18:55

Tgt Ion:117 Resp: 899

Ion Ratio Lower Upper

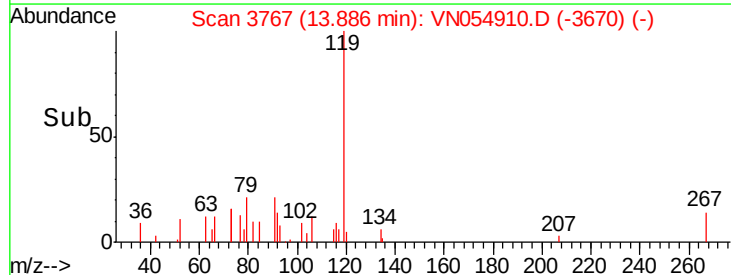
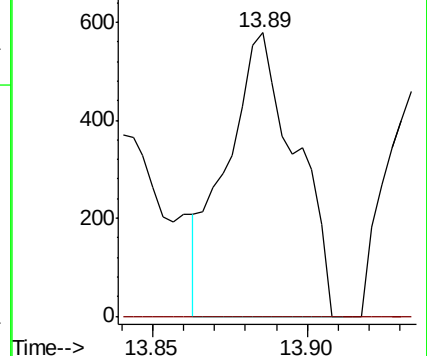
117 100

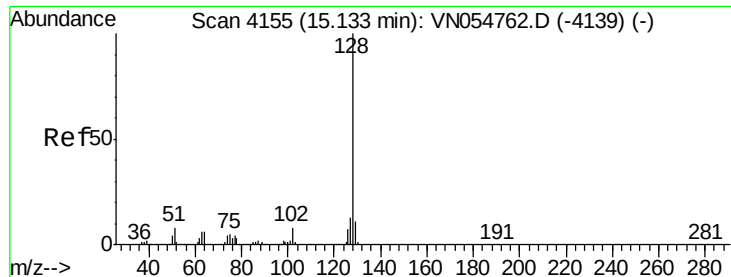
201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

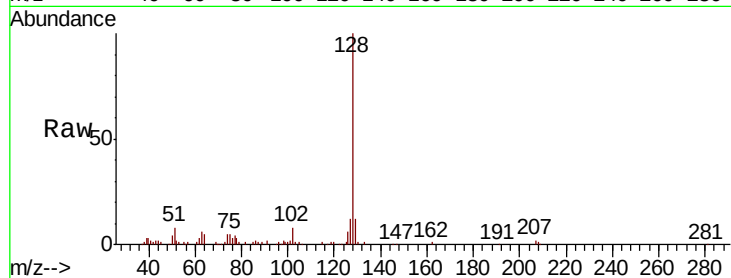




#95
Naphthalene
Concen: 6.540 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054910.D
Acq: 2 Apr 2019 18:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	11.2	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

