

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054410.D
 Acq On : 18 Mar 2019 23:33
 Operator : JC/SP
 Sample : K1902-02 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 19 05:17:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1784267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2554793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2134556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	821487	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	851431	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
35) Dibromofluoromethane	7.59	113	779836	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
50) Toluene-d8	10.09	98	2927902	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.40	95	887637	41.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.38%	

Target Compounds

						Qvalue
10) Methyl Iodide	3.94	142	1449	1.550	ug/l #	64
11) Tert butyl alcohol	4.82	59	5463	4.205	ug/l #	80
14) Allyl chloride	4.09	41	15791	0.664	ug/l #	51
16) Acetone	3.82	43	616233	113.580	ug/l	98
18) Methyl Acetate	4.34	43	9881	0.900	ug/l #	67
22) Diisopropyl ether	6.06	45	29640	0.624	ug/l #	1
23) Vinyl Acetate	6.07	43	75262	2.150	ug/l #	70
25) 2-Butanone	6.85	43	17238	2.707	ug/l	98
29) Tetrahydrofuran	7.21	42	820	0.200	ug/l #	53
31) Cyclohexane	7.66	56	27308	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	105904	4.501	ug/l #	48
37) Ethyl Acetate	6.95	43	3614	0.267	ug/l #	76
38) Carbon Tetrachloride	7.66	117	143163	5.802	ug/l #	16
40) Benzene	8.04	78	23696	0.352	ug/l	99
48) Methyl methacrylate	9.16	41	2518	0.209	ug/l #	17
49) 1,4-Dioxane	9.20	88	69	0.405	ug/l #	27
51) 4-Methyl-2-Pentanone	9.98	43	5652	0.450	ug/l	98
52) Toluene	10.16	92	21406	0.501	ug/l	91
53) t-1,3-Dichloropropene	10.38	75	527	2.005	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.69	63	66	16.836	ug/l #	44
59) 2-Hexanone	10.76	43	9962	1.192	ug/l	99
68) m/p-Xylenes	11.62	106	14179	0.467	ug/l	98
69) o-Xylene	11.94	106	8770	0.296	ug/l	96
71) Bromoform	12.40	173	5153	2.729	ug/l #	1
74) N-amyl acetate	12.07	43	3235	0.222	ug/l #	87
76) 1,2,3-Trichloropropane	12.40	75	420879	34.840	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	420879	119.099	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	30211	0.563	ug/l	87
89) n-Butylbenzene	13.62	91	9607	0.221	ug/l	97
93) 1,2,4-Trichlorobenzene	14.91	180	6842	2.892	ug/l #	86
94) Hexachlorobutadiene	15.01	225	2702	0.248	ug/l	99
95) Naphthalene	15.13	128	471540	15.649	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	9233	0.607	ug/l	86

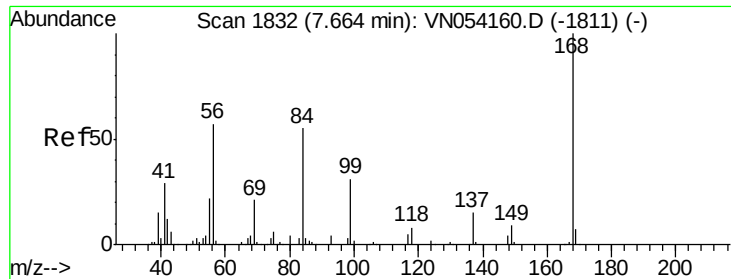
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
Data File : VN054410.D
Acq On : 18 Mar 2019 23:33
Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

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: VN054410.D

Acq: 18 Mar 2019 23:33

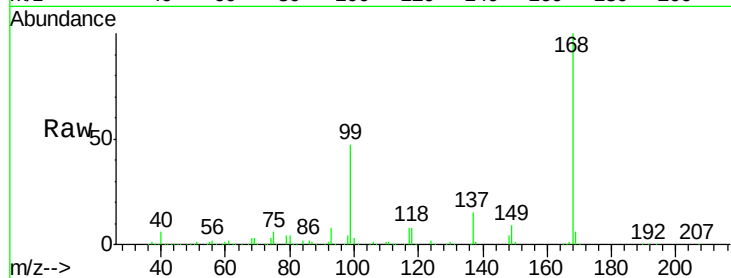
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 1784267

Ion Ratio Lower Upper

168 100

99 47.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

800000

600000

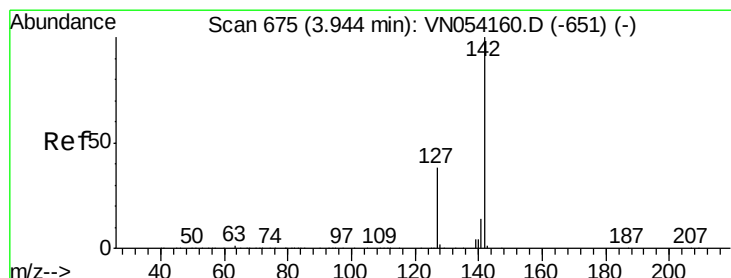
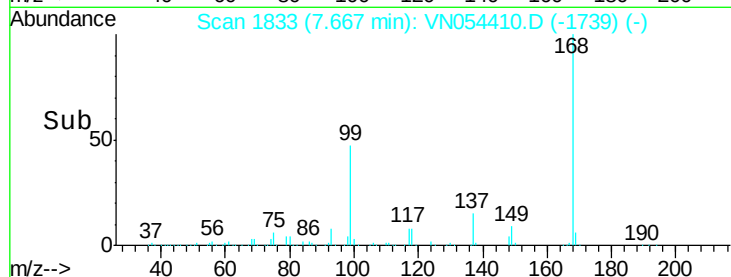
400000

200000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#10

Methyl Iodide

Concen: 1.550 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

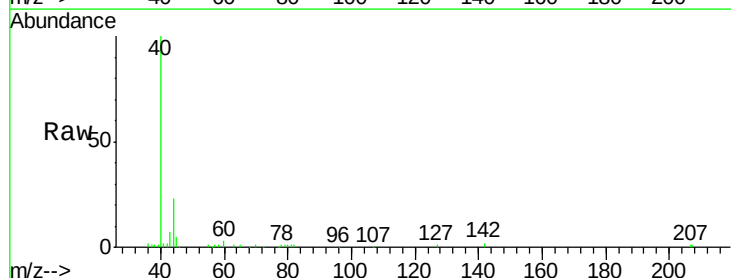
Tgt Ion:142 Resp: 1449

Ion Ratio Lower Upper

142 100

127 15.6 30.3 45.5#

141 0.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

800

600

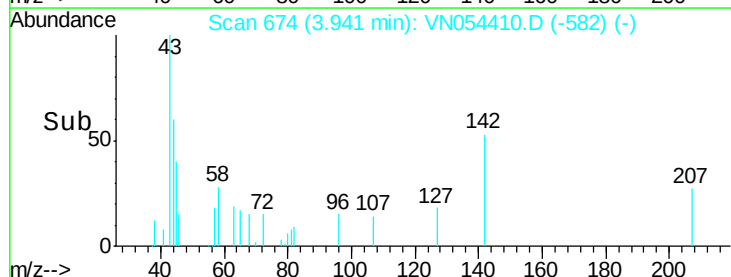
400

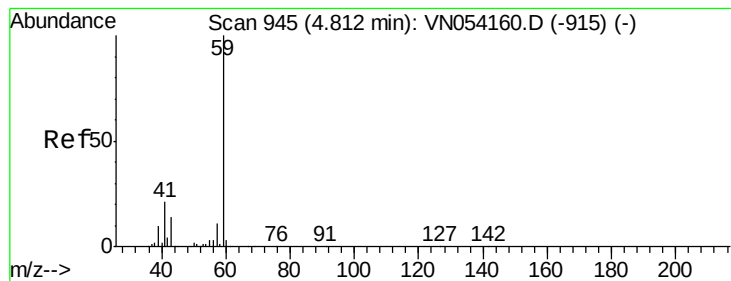
200

0

3.90 3.95 4.00

Time-->





#11

Tert butyl alcohol

Concen: 4.205 ug/l

RT: 4.82 min Scan# 947

Delta R.T. 0.01 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

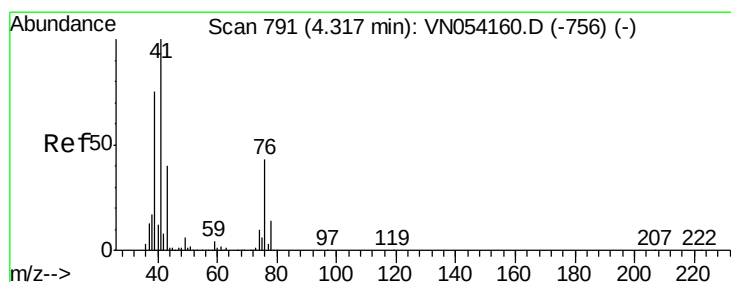
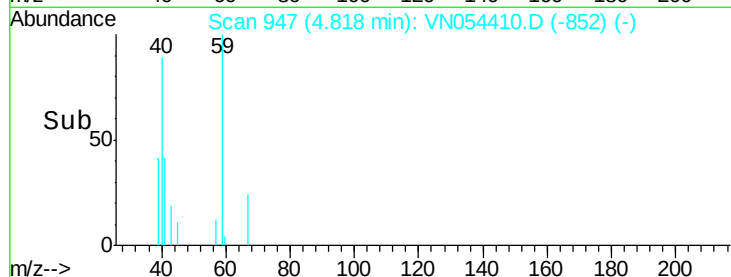
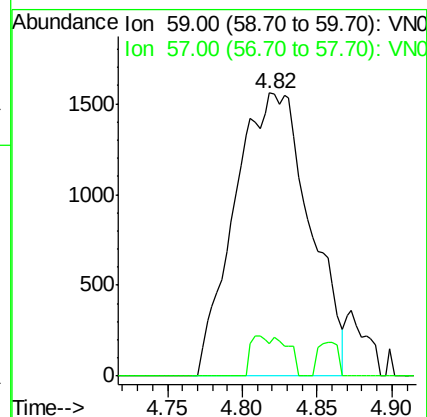
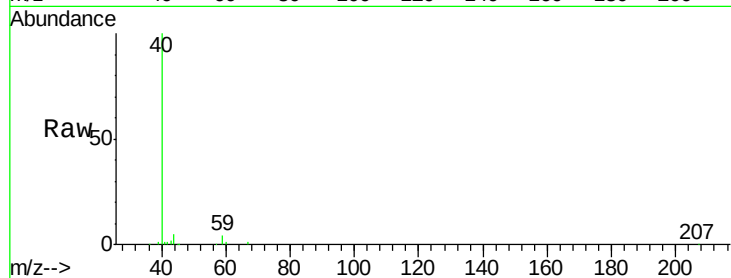
ClientSampled :

Tot Ion: 59 Resp: 5463

Ion Ratio Lower Upper

59 100

57 3.6 9.0 13.6#



#14

Allyl chloride

Concen: 0.664 ug/l

RT: 4.09 min Scan# 720

Delta R.T. -0.23 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

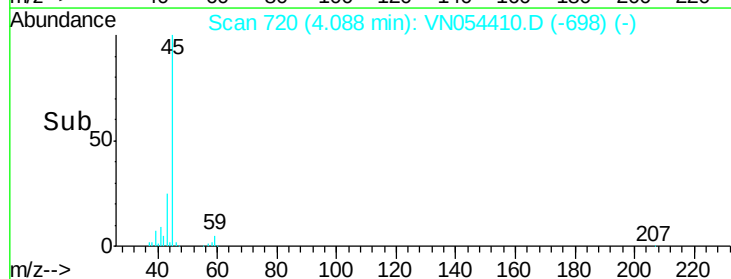
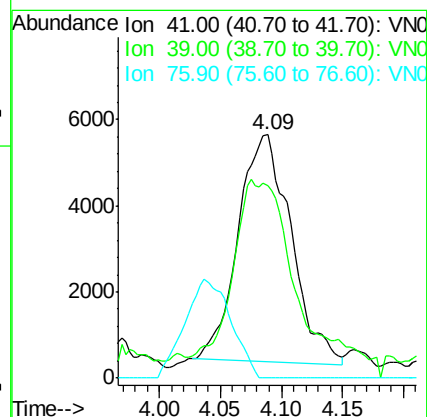
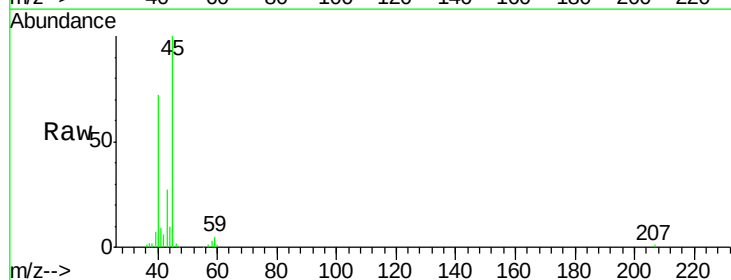
Tgt Ion: 41 Resp: 15791

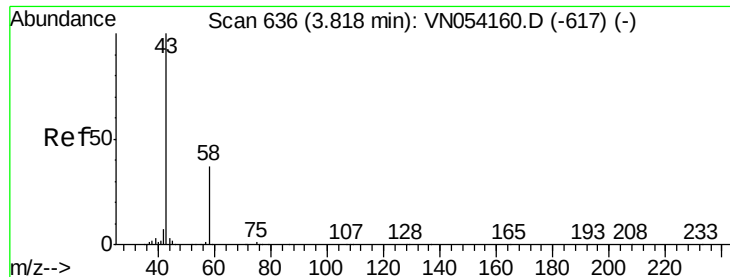
Ion Ratio Lower Upper

41 100

39 38.9 58.2 87.4#

76 0.0 31.7 47.5#





#16

Acetone

Concen: 113.580 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

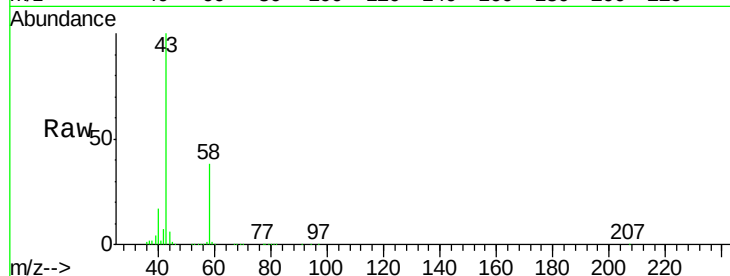
ClientSampleId :

Tot Ion: 43 Resp: 616233

Ion Ratio Lower Upper

43 100

58 38.6 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

250000

200000

150000

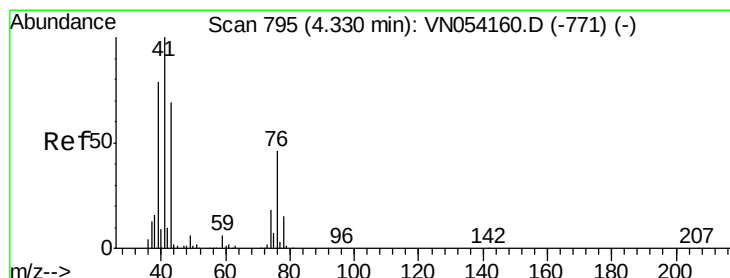
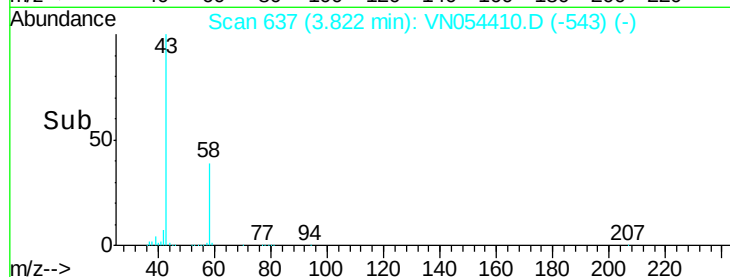
100000

50000

0

3.70 3.80 3.90

Time-->



#18

Methyl Acetate

Concen: 0.900 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN054410.D

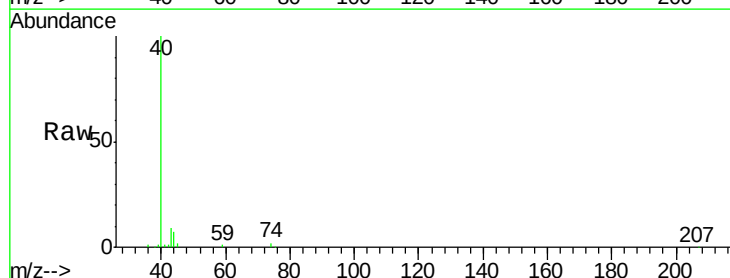
Acq: 18 Mar 2019 23:33

Tgt Ion: 43 Resp: 9881

Ion Ratio Lower Upper

43 100

74 9.4 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4000

3000

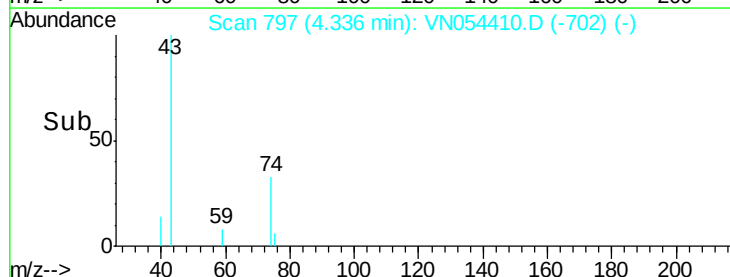
2000

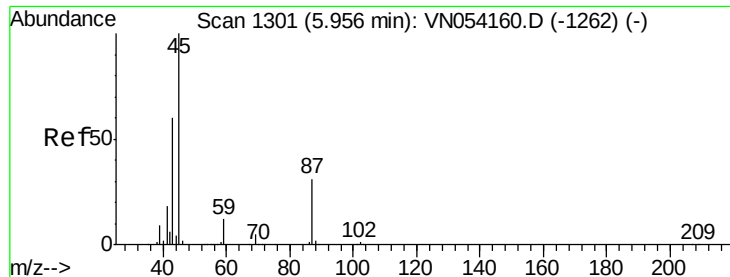
1000

0

4.25 4.30 4.35 4.40

Time-->





#22

Diisopropyl ether

Concen: 0.624 ug/l

RT: 6.06 min Scan# 1334

Delta R.T. 0.11 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 45 Resp: 29640

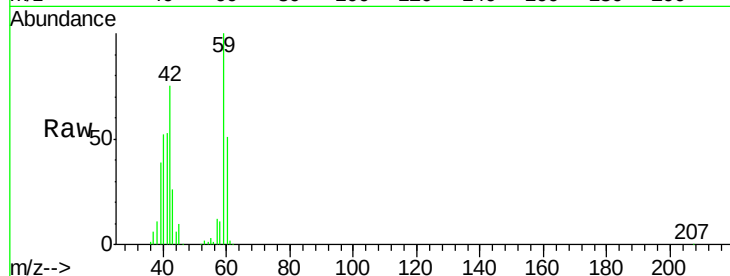
Ion Ratio Lower Upper

45 100

43 246.6 48.2 72.2#

87 0.0 24.9 37.3#

59 983.1 9.5 14.3#

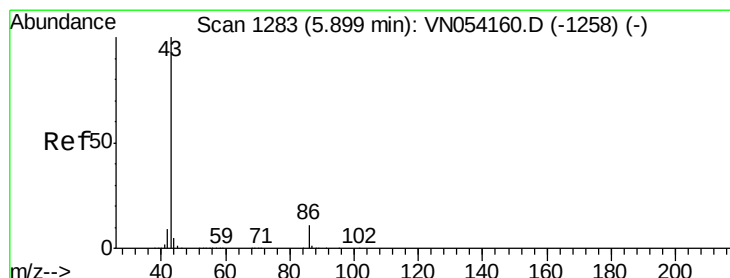
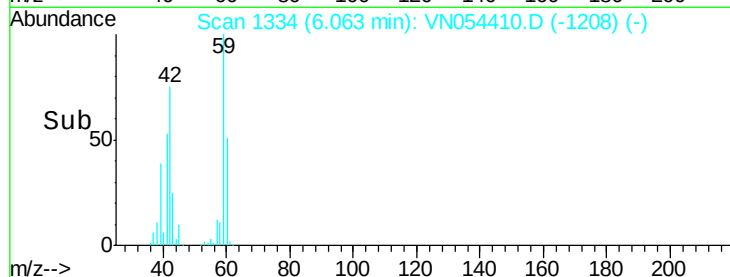
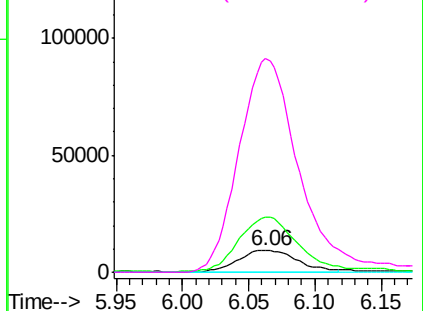


Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0



#23

Vinyl Acetate

Concen: 2.150 ug/l

RT: 6.07 min Scan# 1335

Delta R.T. 0.17 min

Lab File: VN054410.D

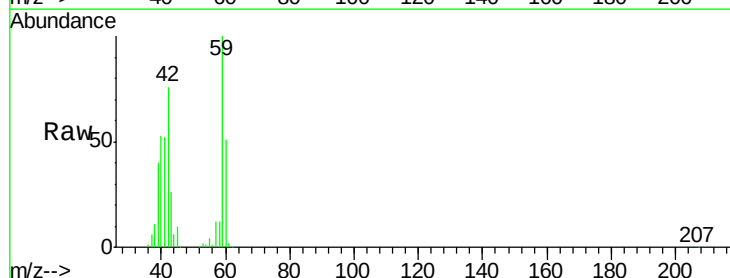
Acq: 18 Mar 2019 23:33

Tgt Ion: 43 Resp: 75262

Ion Ratio Lower Upper

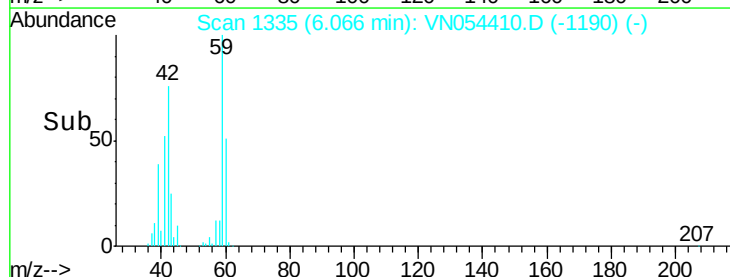
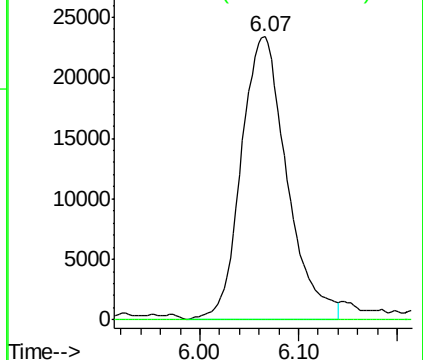
43 100

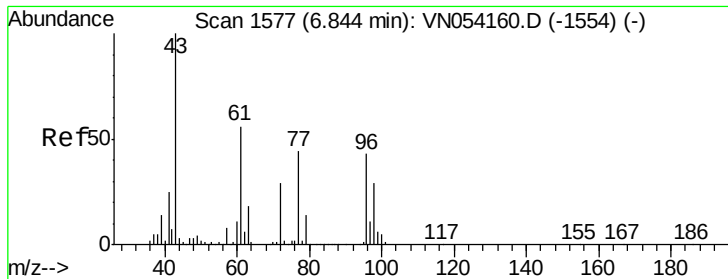
86 0.0 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#25

2-Butanone

Concen: 2.707 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

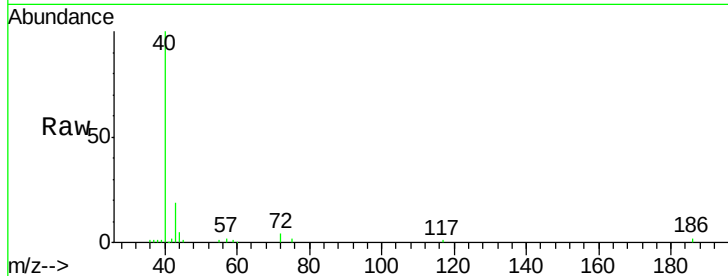
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 17238

Ion Ratio Lower Upper

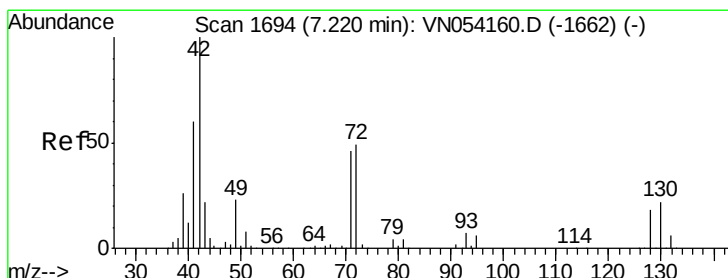
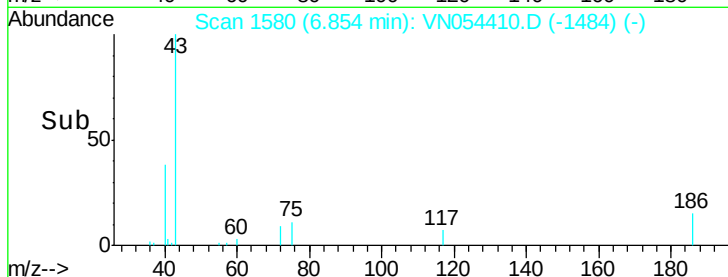
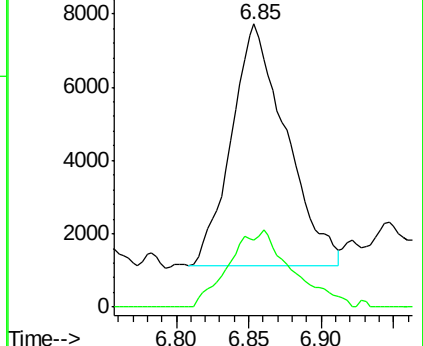
43 100

72 27.6 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.200 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.01 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

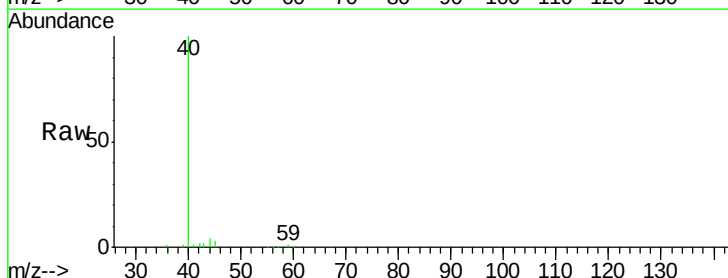
Tgt Ion: 42 Resp: 820

Ion Ratio Lower Upper

42 100

72 29.4 37.8 56.6#

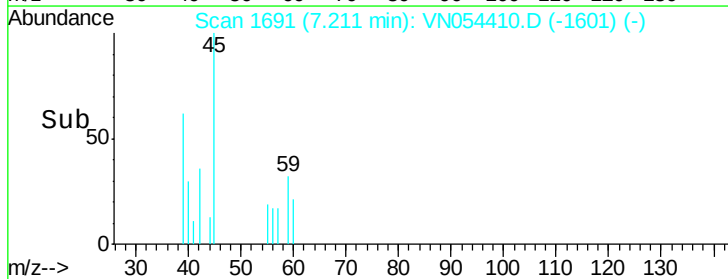
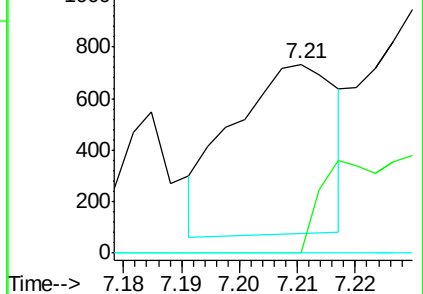
71 0.0 36.2 54.2#

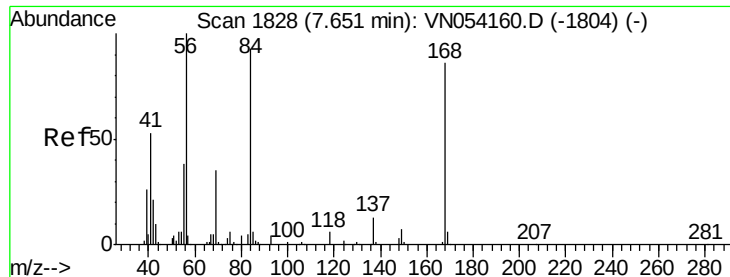


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

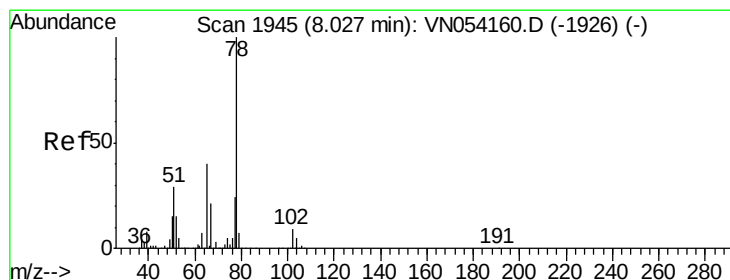
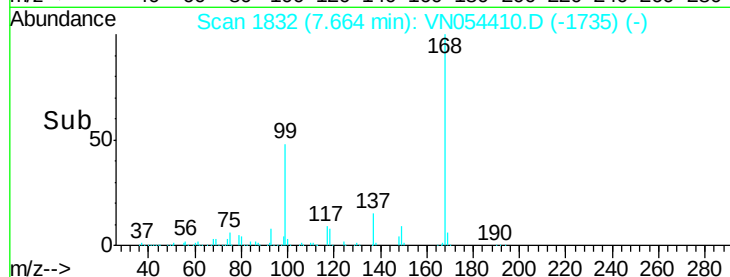
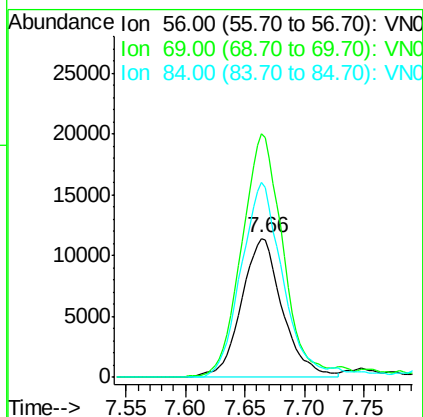
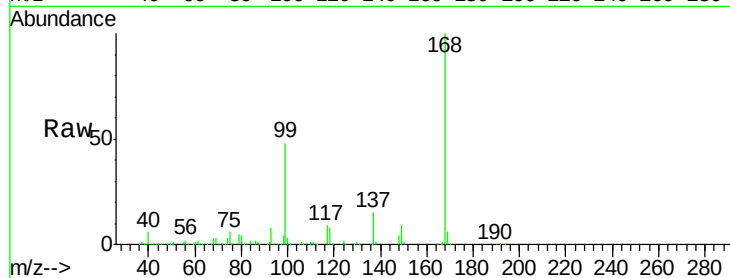




#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054410.D
Acq: 18 Mar 2019 23:33

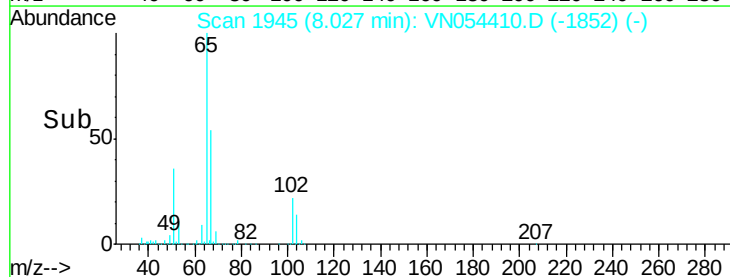
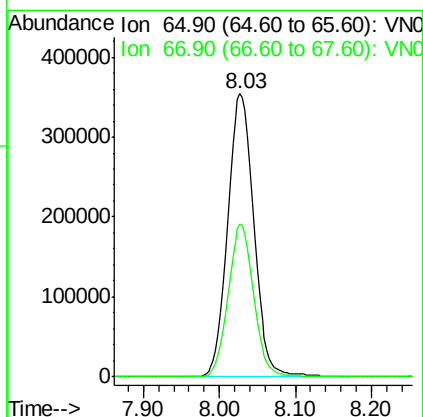
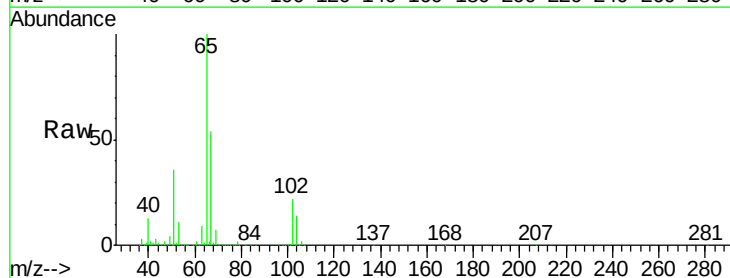
Instrument :
MSVOA_N
ClientSampled :

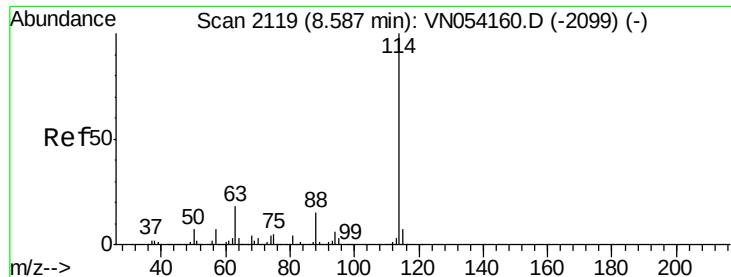
Tot Ion: 56 Resp: 27308
Ion Ratio Lower Upper
56 100
69 174.1 27.8 41.6#
84 140.8 74.6 111.8#



#33
1,2-Dichloroethane-d4
Concen: 44.933 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054410.D
Acq: 18 Mar 2019 23:33

Tgt Ion: 65 Resp: 851431
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

ClientSampled :

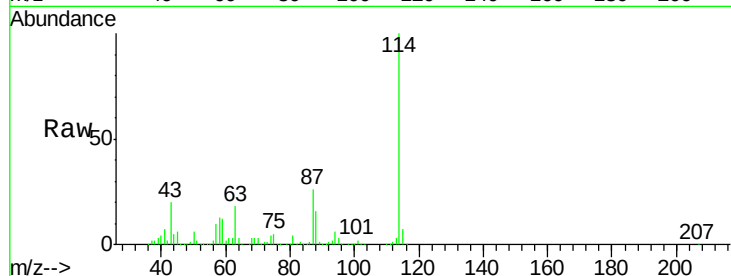
Tot Ion:114 Resp: 2554793

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.2

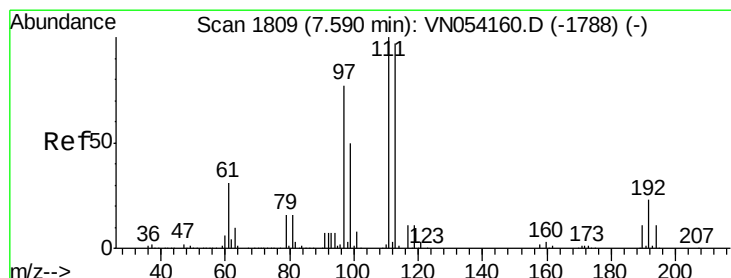
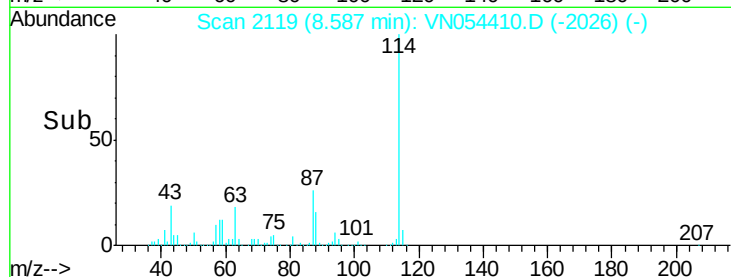
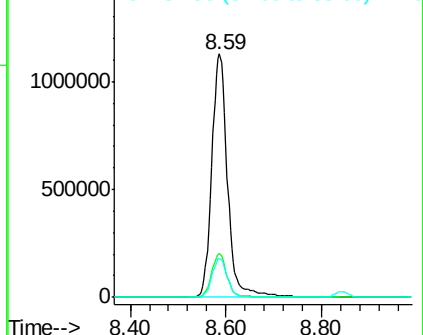
88 16.2 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 47.328 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

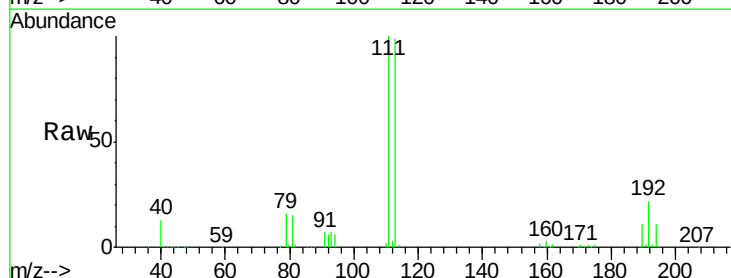
Tgt Ion:113 Resp: 779836

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

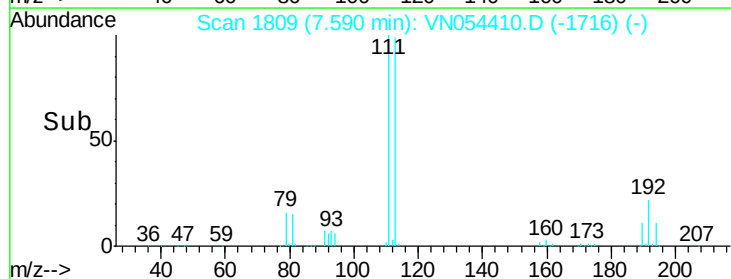
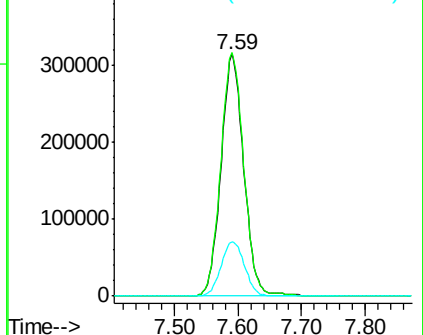
192 23.4 19.2 28.8

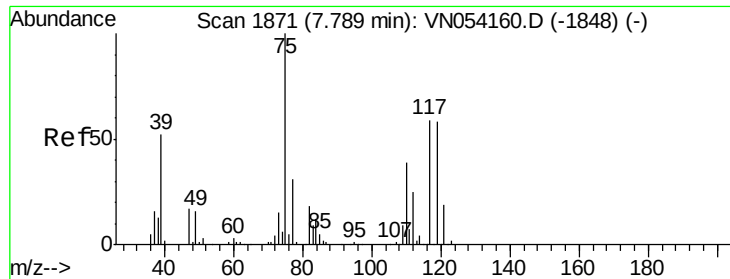


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.501 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

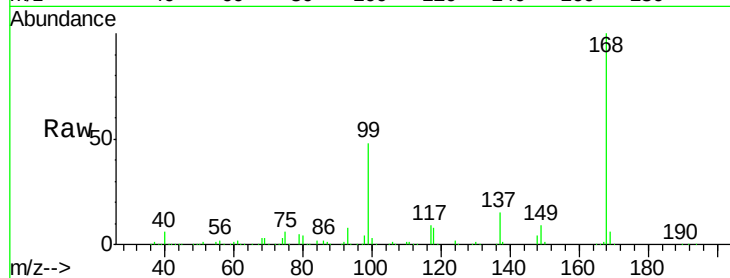
Tot Ion: 75 Resp: 105904

Ion Ratio Lower Upper

75 100

110 8.9 19.1 57.5#

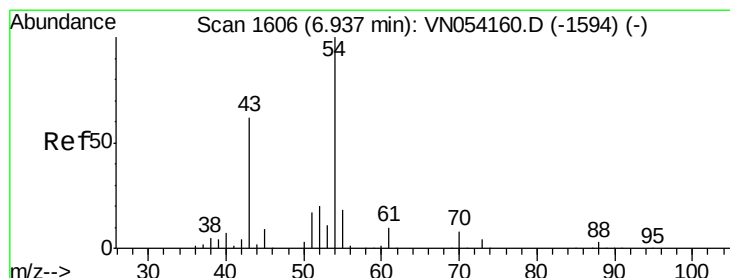
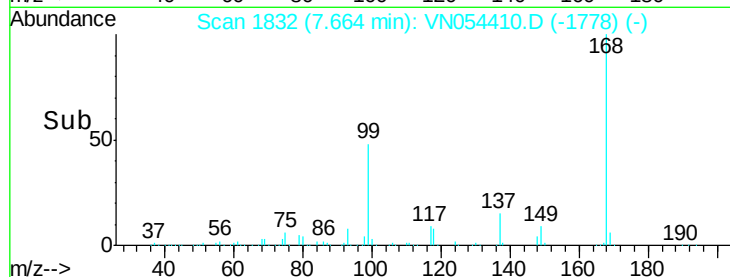
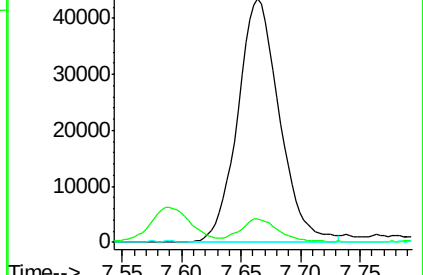
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 0.267 ug/l

RT: 6.95 min Scan# 1609

Delta R.T. 0.01 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

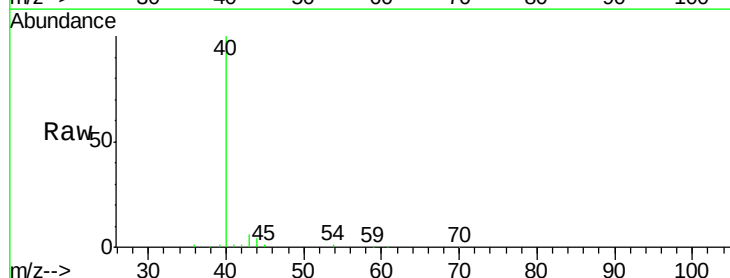
Tgt Ion: 43 Resp: 3614

Ion Ratio Lower Upper

43 100

61 5.1 11.8 17.6#

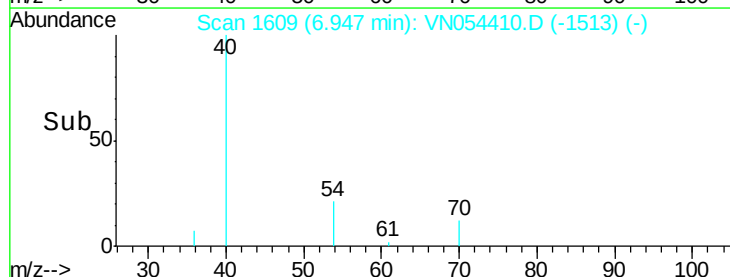
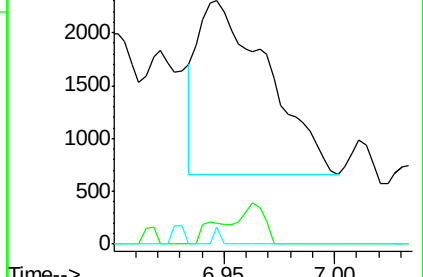
70 0.9 8.4 12.6#

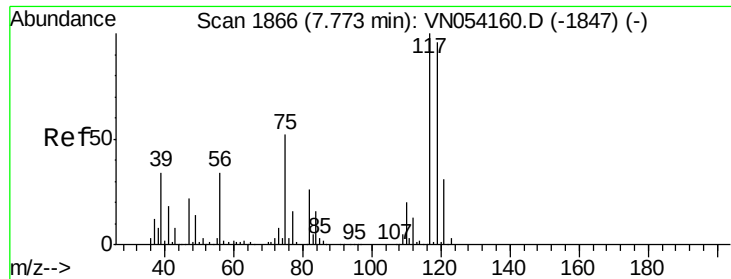


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 5.802 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

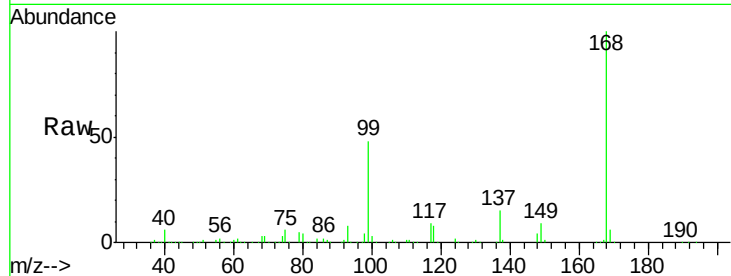
Tot Ion:117 Resp: 143163

Ion Ratio Lower Upper

117 100

119 4.8 76.3 114.5#

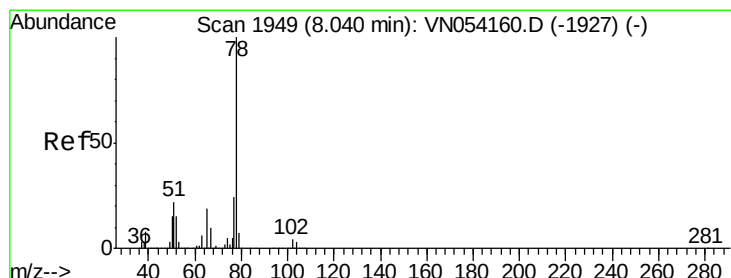
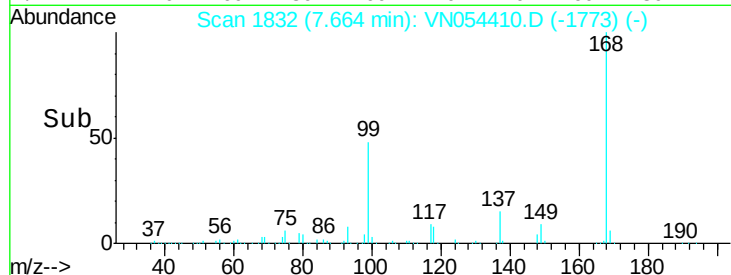
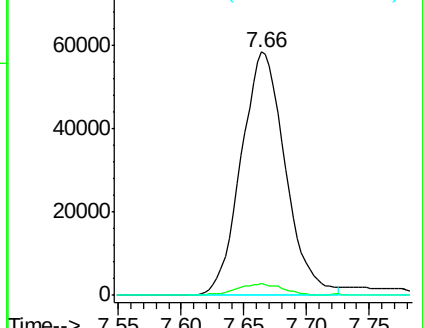
121 0.0 24.6 36.8#



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



#40

Benzene

Concen: 0.352 ug/l

RT: 8.04 min Scan# 1948

Delta R.T. -0.00 min

Lab File: VN054410.D

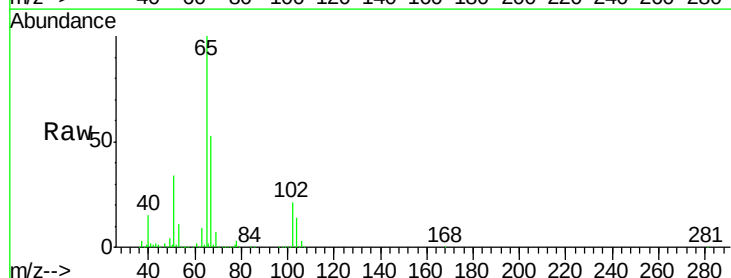
Acq: 18 Mar 2019 23:33

Tgt Ion: 78 Resp: 23696

Ion Ratio Lower Upper

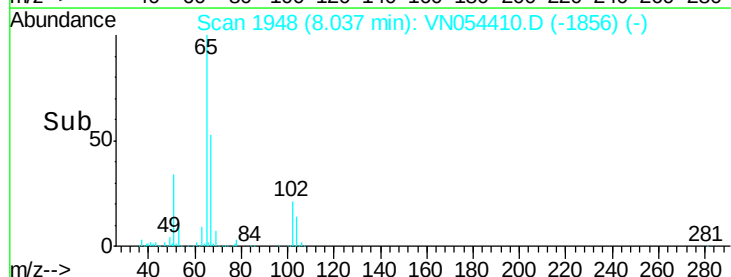
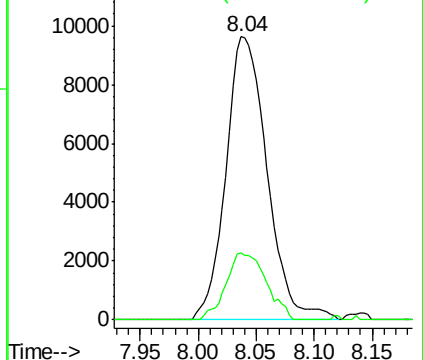
78 100

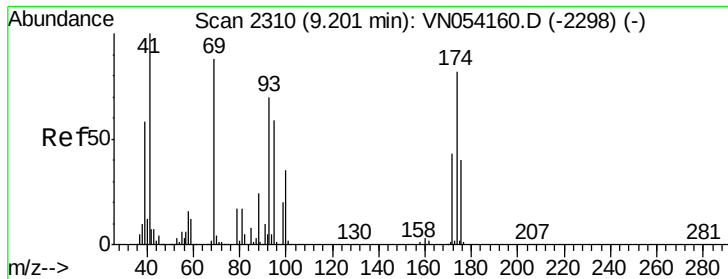
77 23.5 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

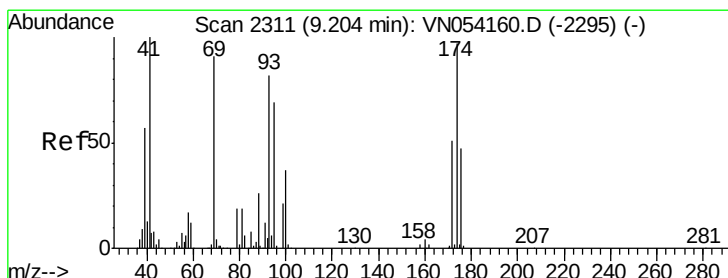
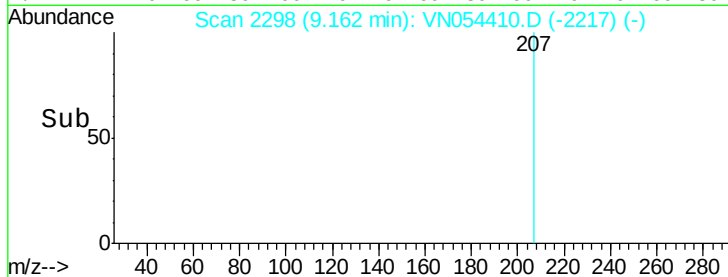
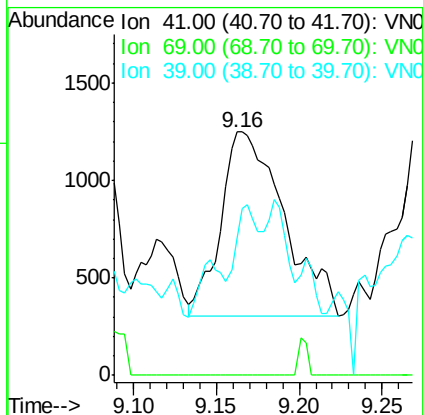
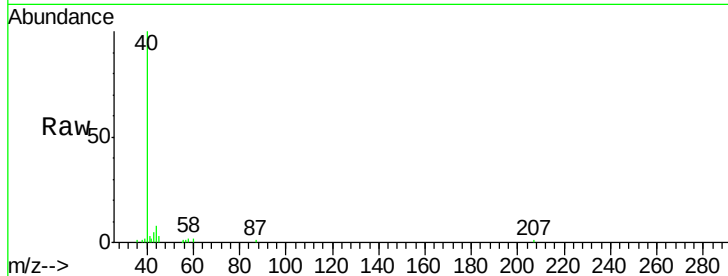




#48
Methvl methacrylate
Concen: 0.209 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.04 min
Lab File: VN054410.D
Acq: 18 Mar 2019 23:33

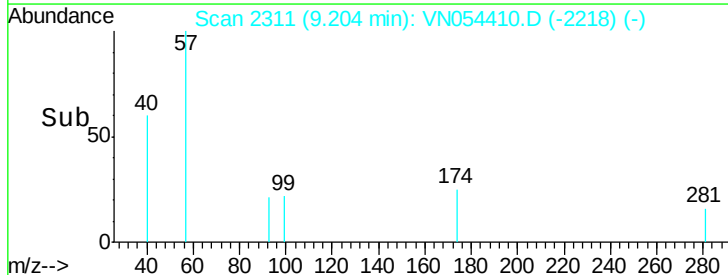
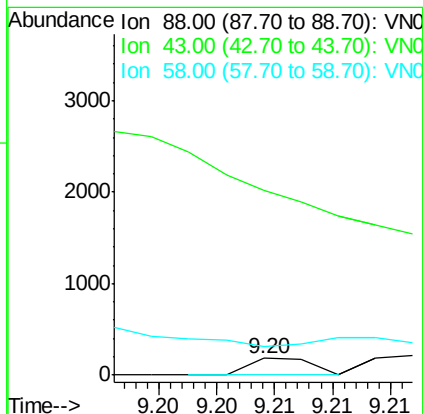
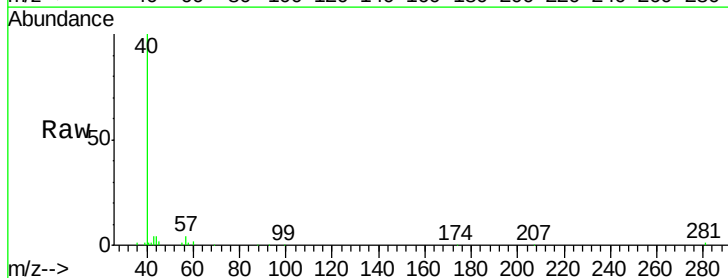
Instrument :
MSVOA_N
ClientSampleId :

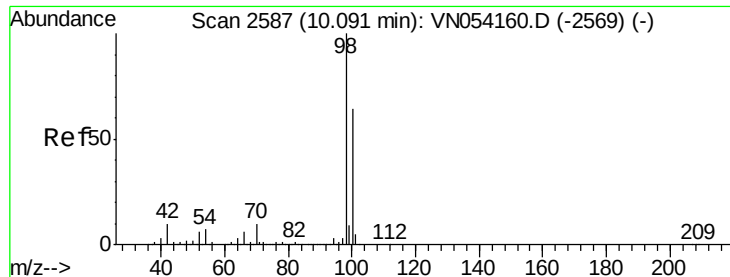
Tot Ion: 41 Resp: 2518
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 12.7 47.5 71.3#



#49
1,4-Dioxane
Concen: 0.405 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN054410.D
Acq: 18 Mar 2019 23:33

Tgt Ion: 88 Resp: 69
Ion Ratio Lower Upper
88 100
43 0.0 24.1 36.1#
58 0.0 50.8 76.2#





#50

Toluene-d8

Concen: 48.114 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

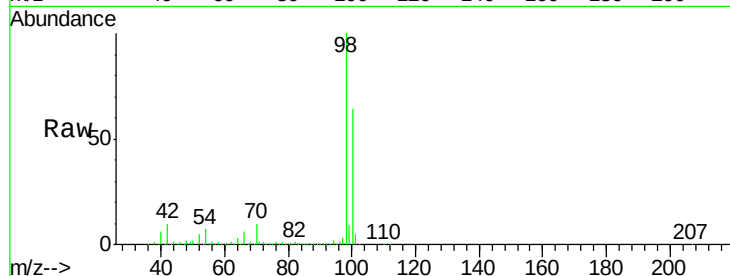
ClientSampleId :

Tot Ion: 98 Resp: 2927902

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054410.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054410.D (-2494) (-)

10.09

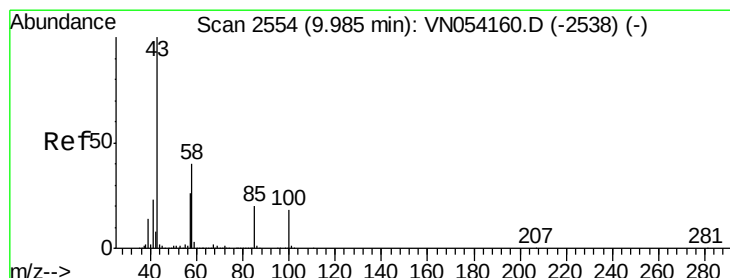
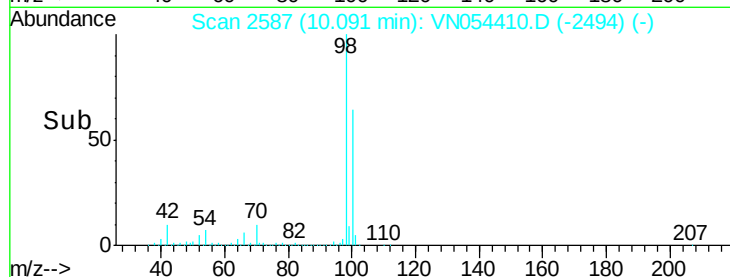
1500000

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.450 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN054410.D

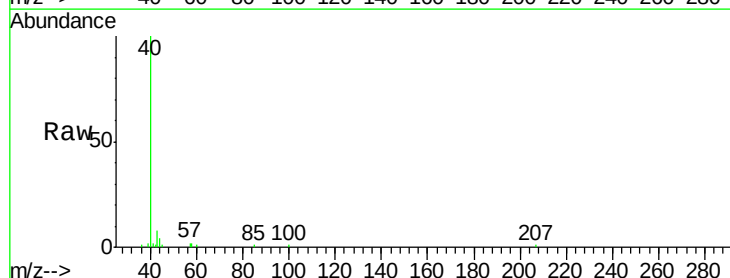
Acq: 18 Mar 2019 23:33

Tgt Ion: 43 Resp: 5652

Ion Ratio Lower Upper

43 100

58 41.0 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN054410.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN054410.D (-2461) (-)

9.98

4000

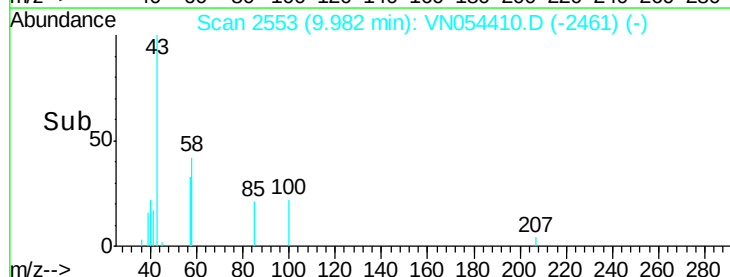
3000

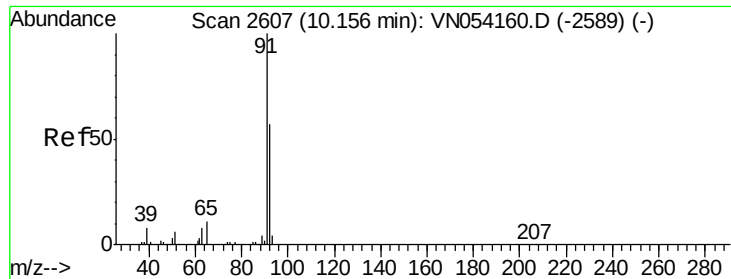
2000

1000

0

Time-->





#52

Toluene

Concen: 0.501 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

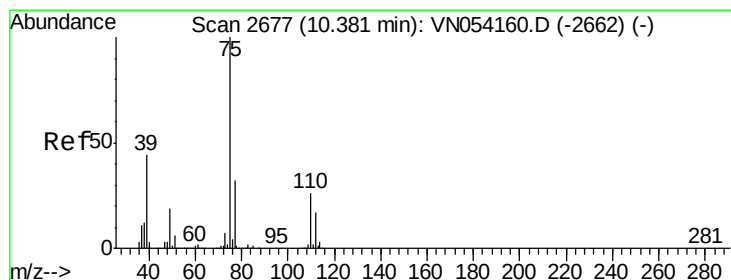
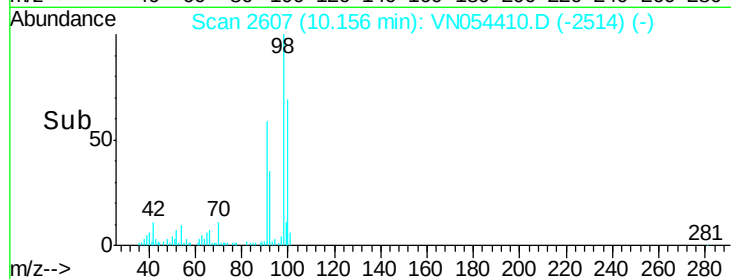
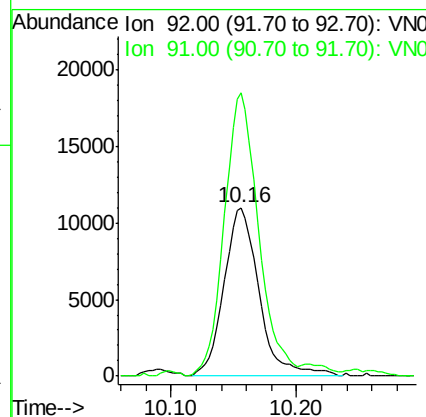
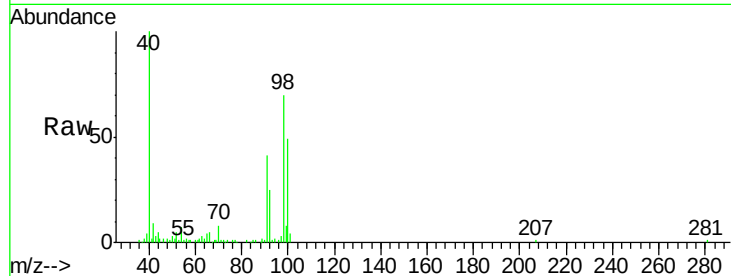
ClientSampleId :

Tot Ion: 92 Resp: 21406

Ion Ratio Lower Upper

92 100

91 163.0 140.7 211.1



#53

t-1,3-Dichloropropene

Concen: 2.005 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054410.D

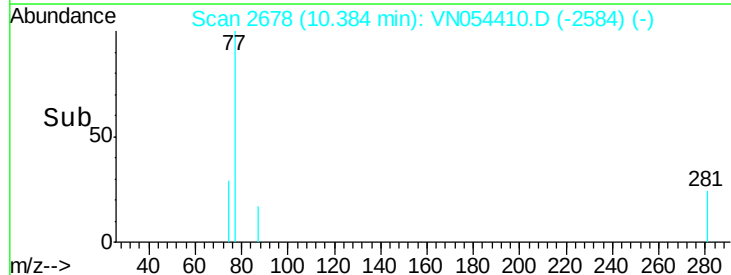
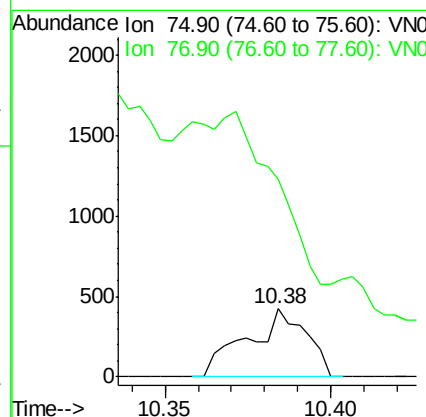
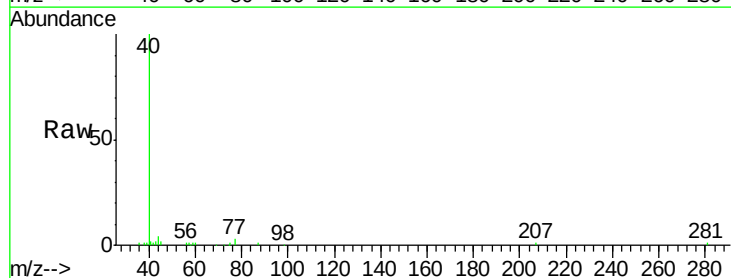
Acq: 18 Mar 2019 23:33

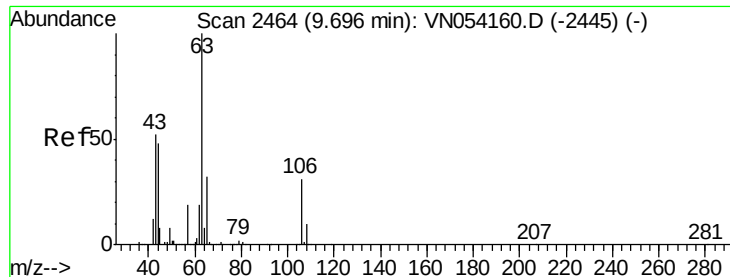
Tgt Ion: 75 Resp: 527

Ion Ratio Lower Upper

75 100

77 146.6 25.8 38.8#





#58

2-Chloroethyl Vinyl ether

Concen: 16.836 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. -0.01 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

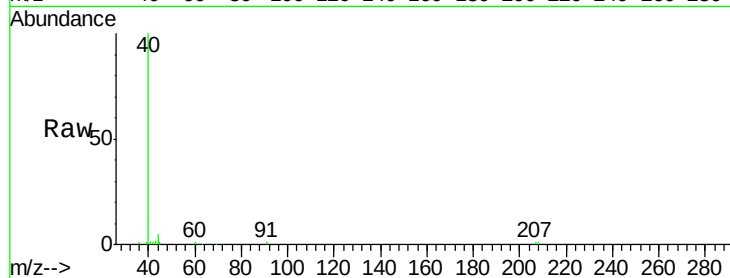
ClientSampled :

Tot Ion: 63 Resp: 66

Ion Ratio Lower Upper

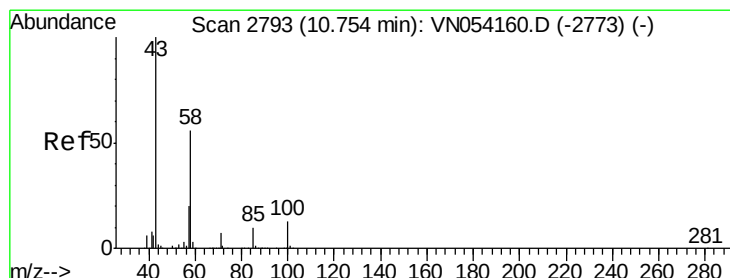
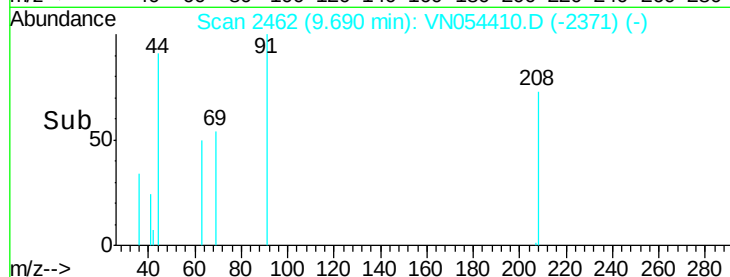
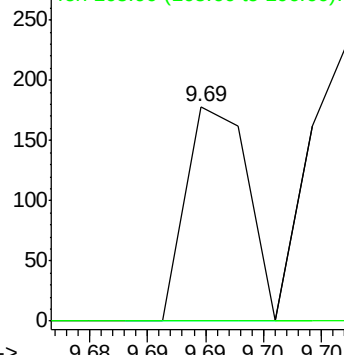
63 100

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: 1.192 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN054410.D

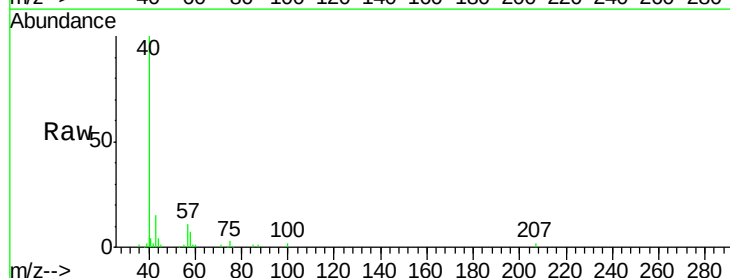
Acq: 18 Mar 2019 23:33

Tgt Ion: 43 Resp: 9962

Ion Ratio Lower Upper

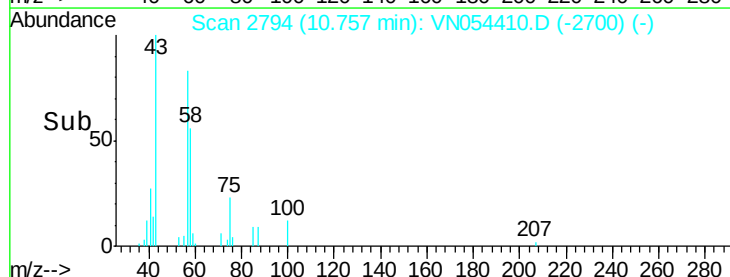
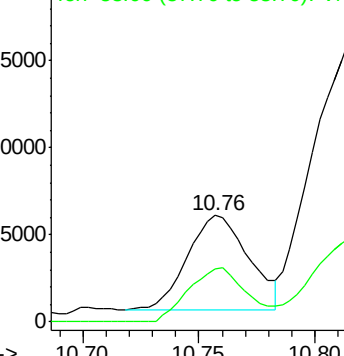
43 100

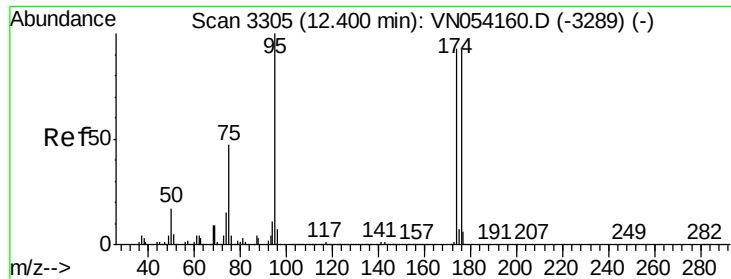
58 55.1 28.0 83.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 41.688 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

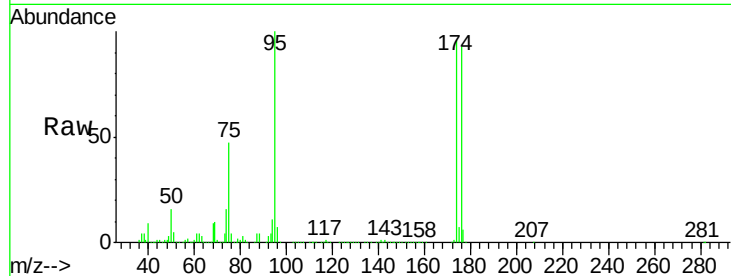
Tot Ion: 95 Resp: 887637

Ion Ratio Lower Upper

95 100

174 97.2 0.0 191.0

176 94.3 0.0 187.4

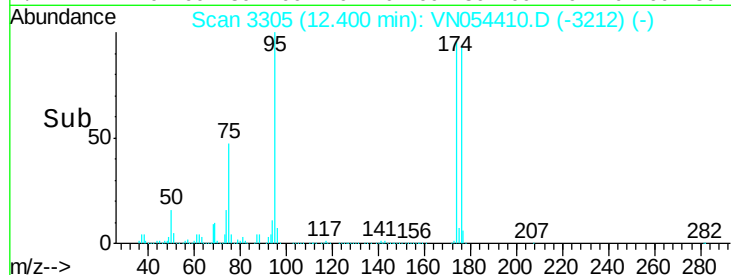


Abundance Ion 94.90 (94.60 to 95.60): VN054410.D (-3289) (-)

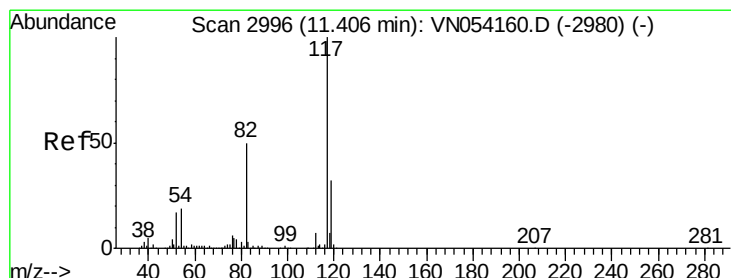
Ion 173.80 (173.50 to 174.50): VN054410.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054410.D (-3289) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

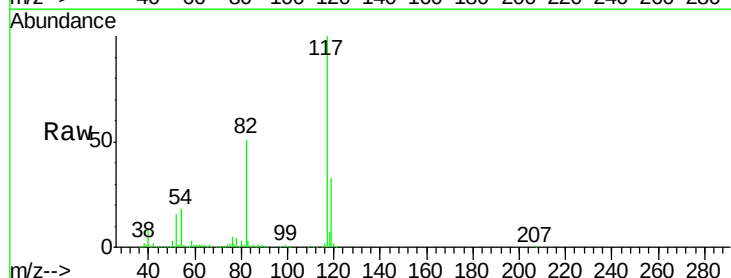
Tgt Ion: 117 Resp: 2134556

Ion Ratio Lower Upper

117 100

82 50.8 40.0 60.0

119 32.6 25.8 38.6

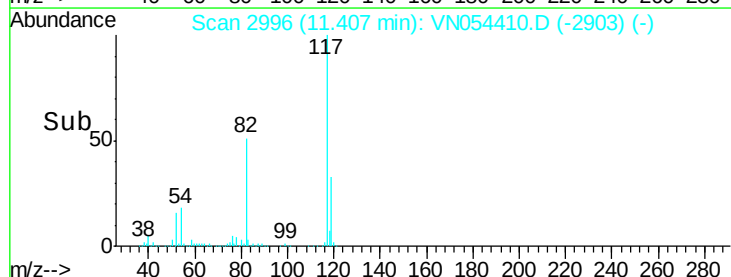


Abundance Ion 116.90 (116.60 to 117.60): VN054410.D (-2980) (-)

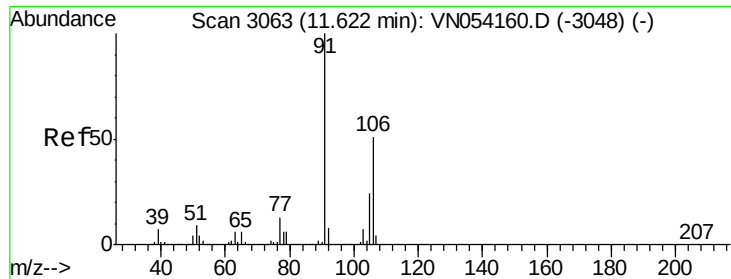
Ion 82.00 (81.70 to 82.70): VN054410.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054410.D (-2980) (-)

Time-->



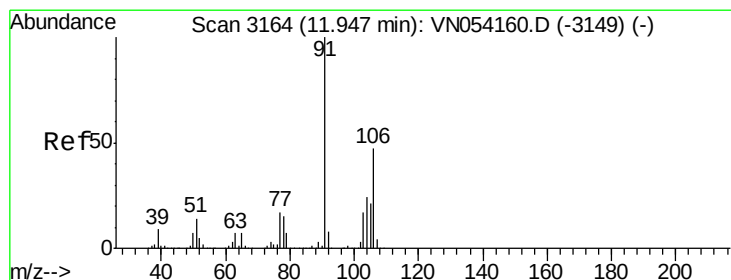
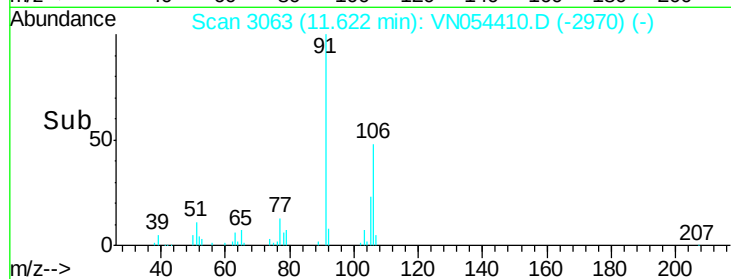
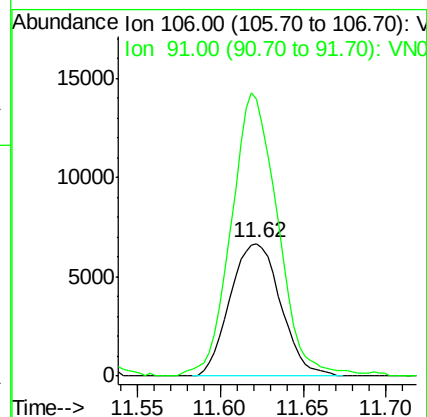
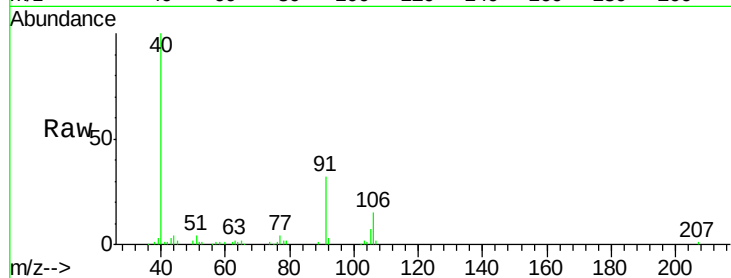
Time-->



#68
m/p-Xylenes
Concen: 0.467 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054410.D
Acq: 18 Mar 2019 23:33

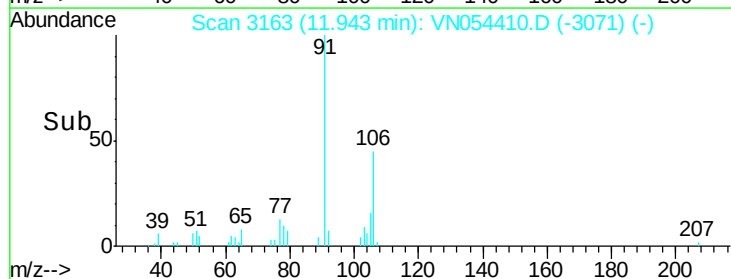
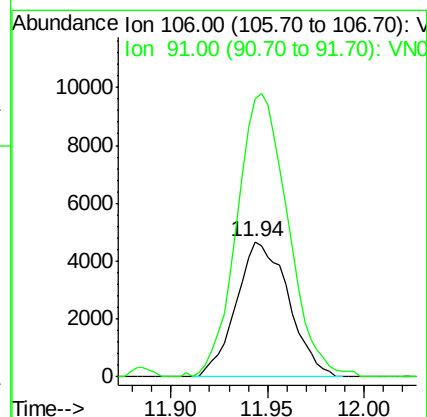
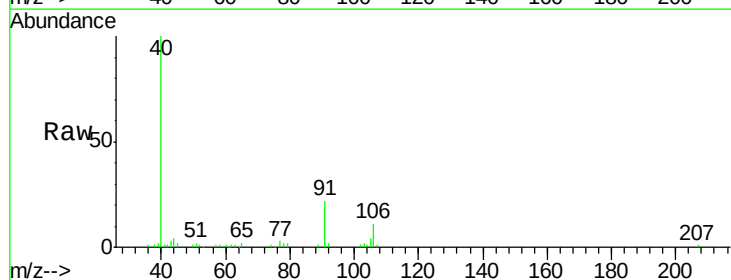
Instrument :
MSVOA_N
ClientSampleId :

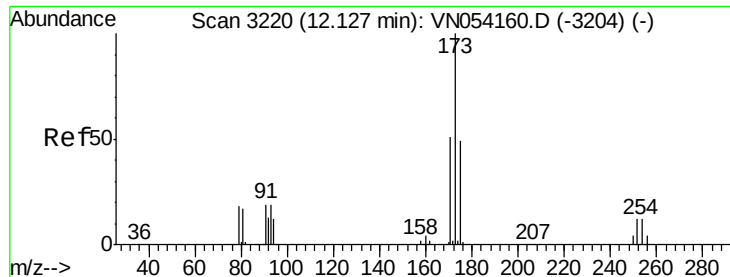
Tot Ion:106 Resp: 14179
Ion Ratio Lower Upper
106 100
91 196.4 159.4 239.2



#69
o-Xylene
Concen: 0.296 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN054410.D
Acq: 18 Mar 2019 23:33

Tgt Ion:106 Resp: 8770
Ion Ratio Lower Upper
106 100
91 205.4 105.7 317.1





#71

Bromoform

Concen: 2.729 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

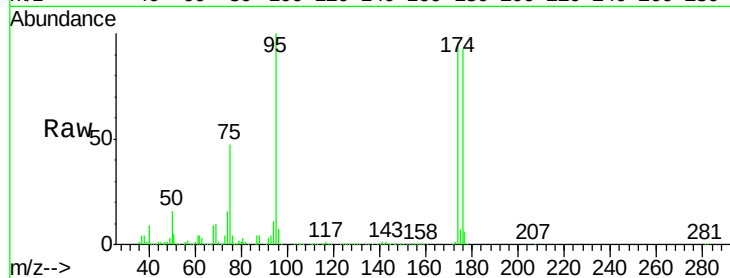
Tot Ion:173 Resp: 5153

Ion Ratio Lower Upper

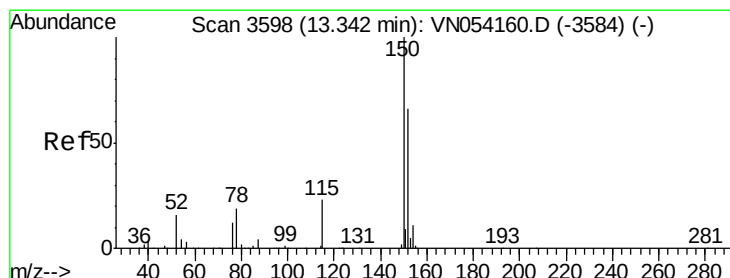
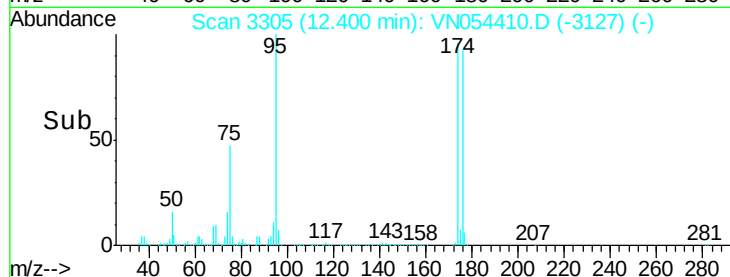
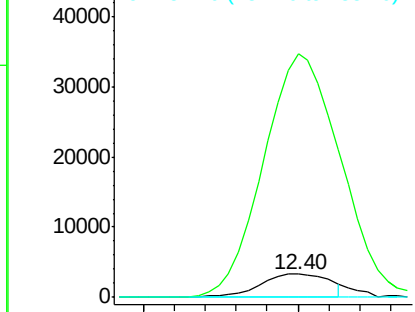
173 100

175 1005.1 24.4 73.2#

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

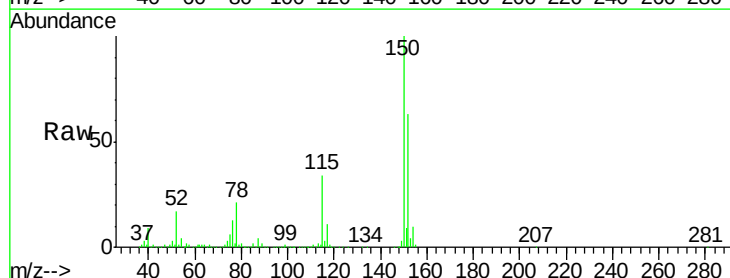
Tgt Ion:152 Resp: 821487

Ion Ratio Lower Upper

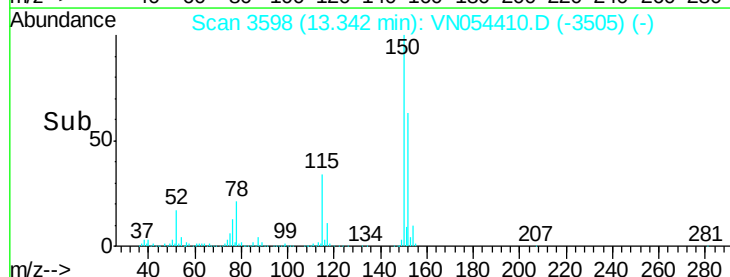
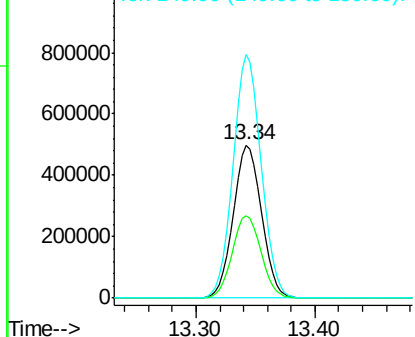
152 100

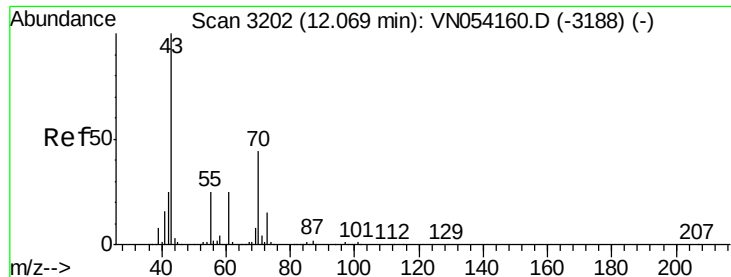
115 54.8 27.2 81.6

150 158.1 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: 0.222 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN054410.D

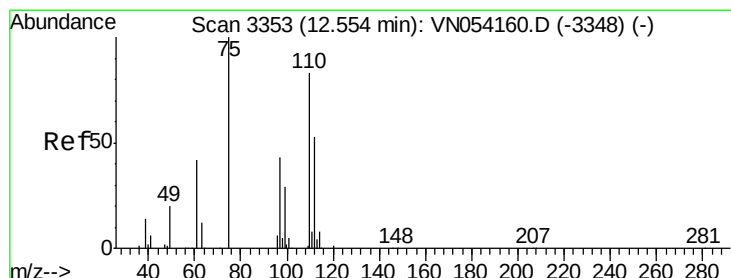
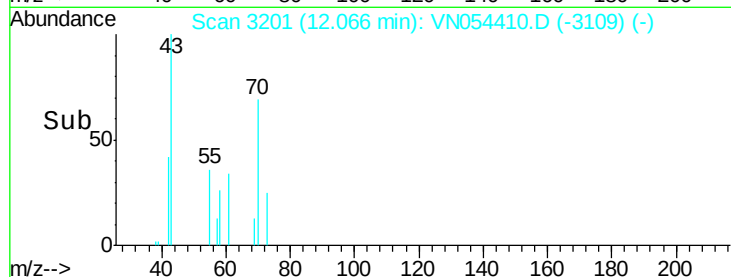
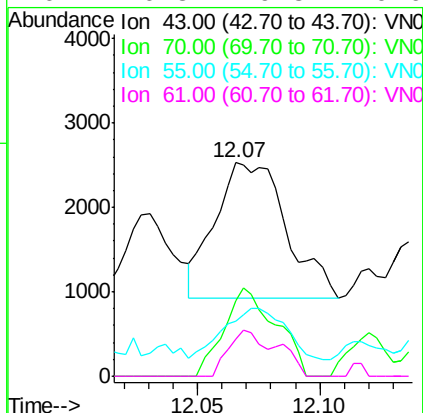
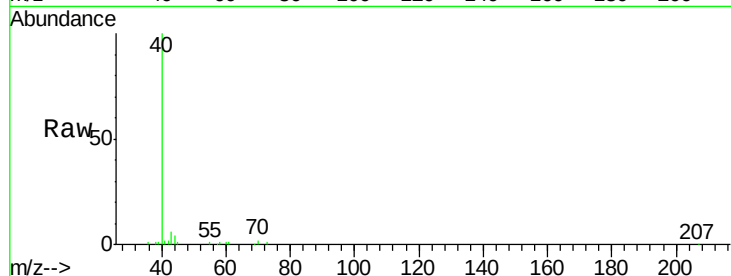
Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	43	Resp:	3235
Ion	Ratio	Lower	Upper
43	100		
70	47.6	35.4	53.0
55	36.8	19.8	29.6#
61	16.3	19.8	29.6#



#76

1,2,3-Trichloropropane

Concen: 34.840 ug/l

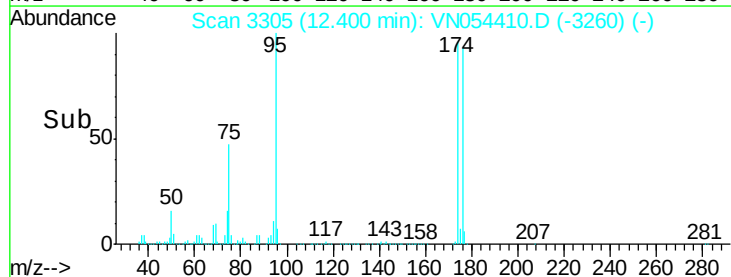
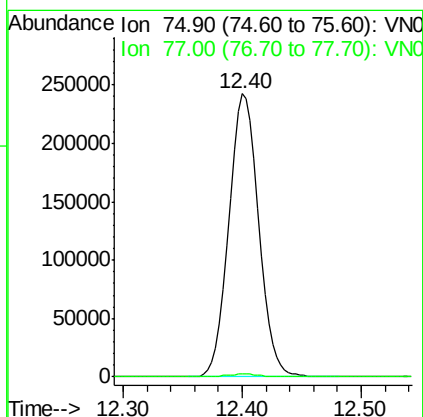
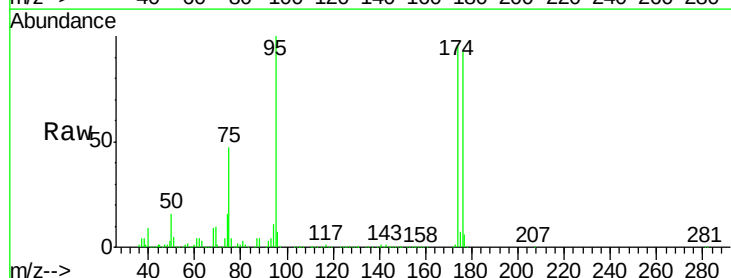
RT: 12.40 min Scan# 3305

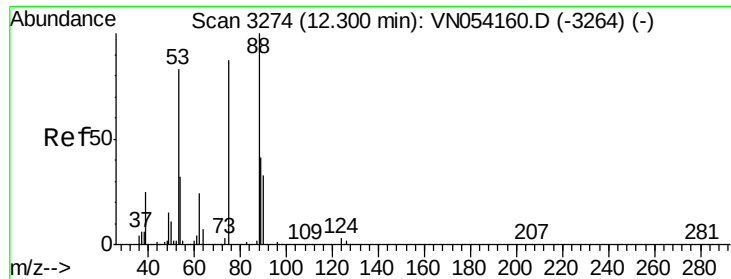
Delta R.T. -0.15 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Tgt Ion:	75	Resp:	420879
Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 119.099 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

ClientSampled :

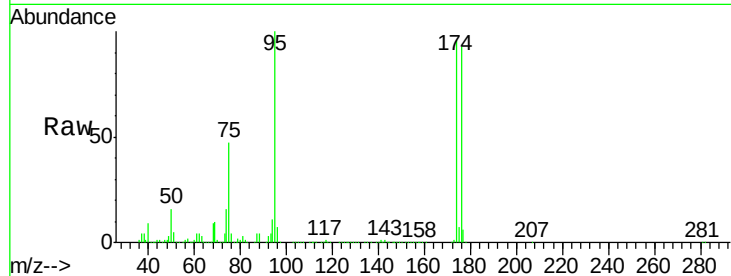
Tot Ion: 75 Resp: 420879

Ion Ratio Lower Upper

75 100

53 0.1 76.2 114.2#

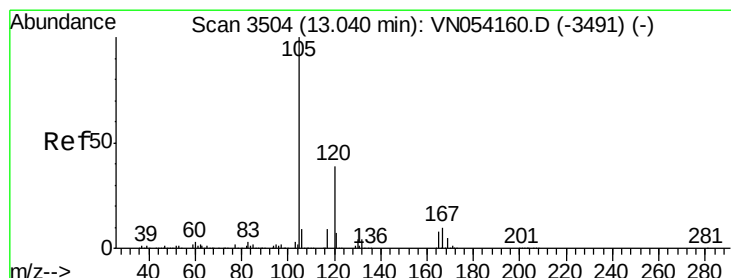
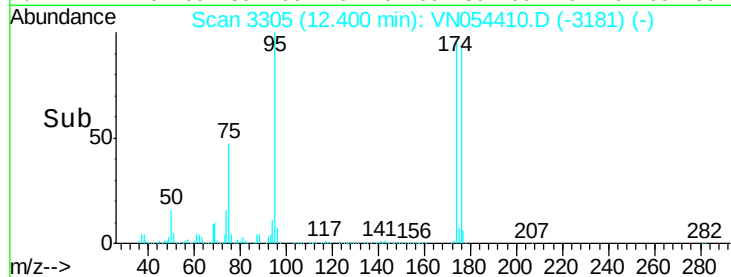
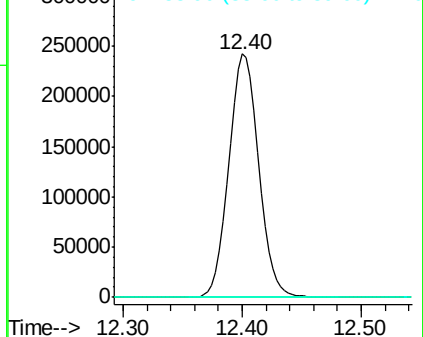
89 0.0 39.2 58.8#



Abundance Ion 74.90 (74.60 to 75.60): VN054410.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN054410.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN054410.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.563 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN054410.D

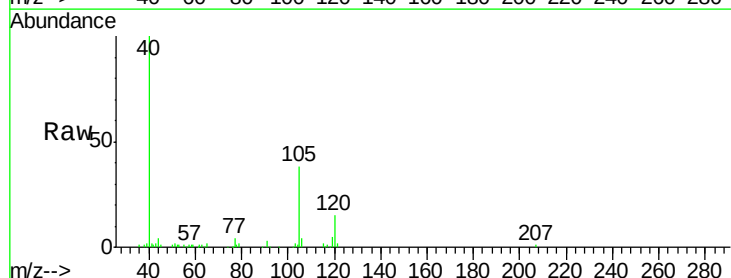
Acq: 18 Mar 2019 23:33

Tgt Ion: 105 Resp: 30211

Ion Ratio Lower Upper

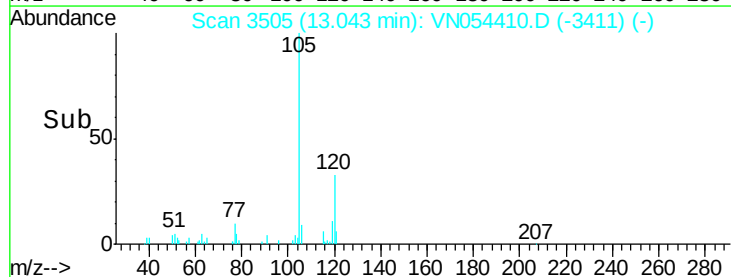
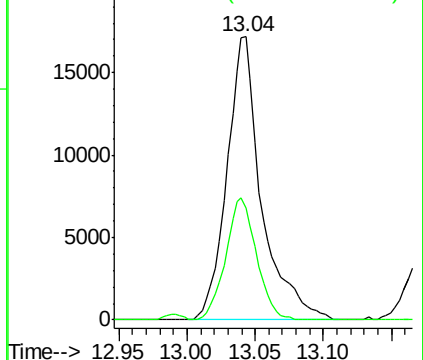
105 100

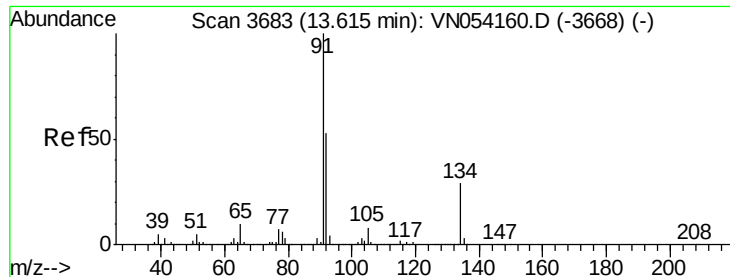
120 38.3 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VN054410.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN054410.D (-3411) (-)





#89

n-Butylbenzene

Concen: 0.221 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

ClientSampleId :

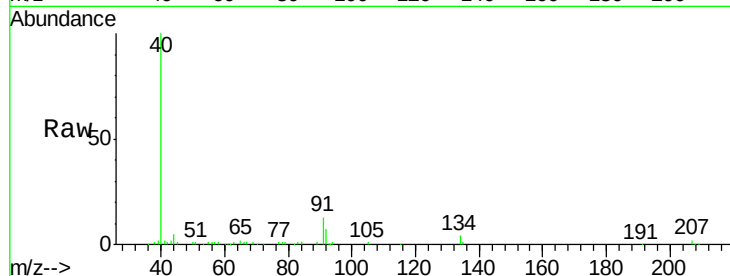
Tot Ion: 91 Resp: 9607

Ion Ratio Lower Upper

91 100

92 49.0 26.2 78.6

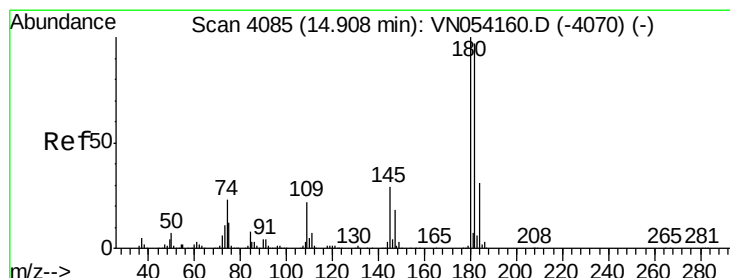
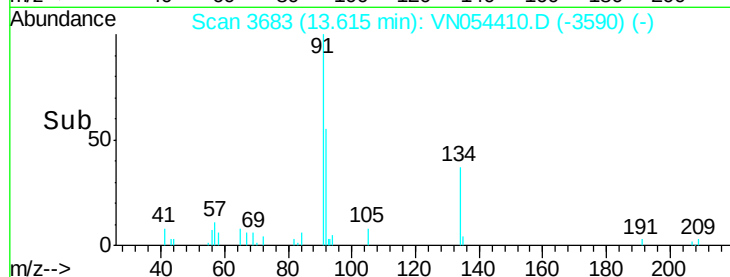
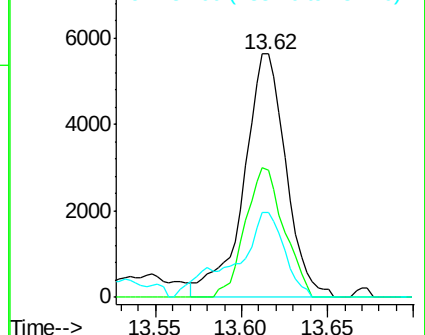
134 28.6 14.3 42.9



Abundance Ion 91.00 (90.70 to 91.70): VN054410.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN054410.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN054410.D (-3668) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.892 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

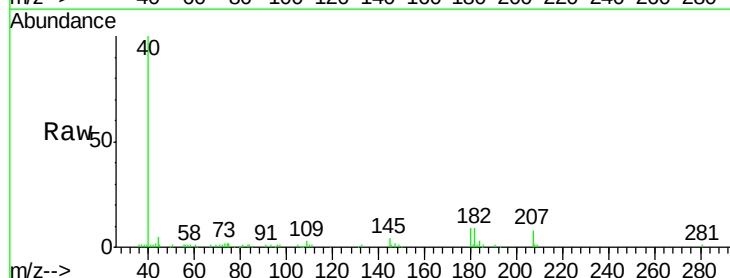
Tgt Ion: 180 Resp: 6842

Ion Ratio Lower Upper

180 100

182 98.3 48.0 144.2

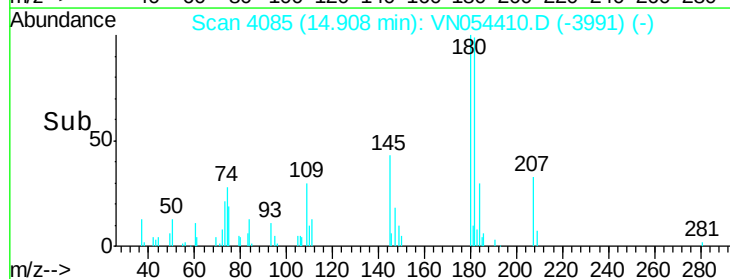
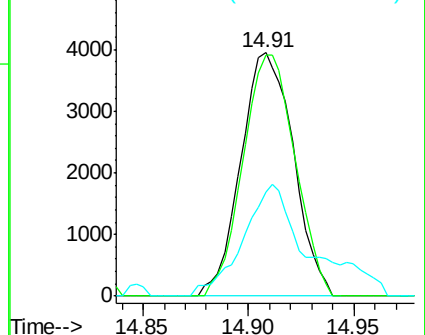
145 57.9 14.2 42.8#

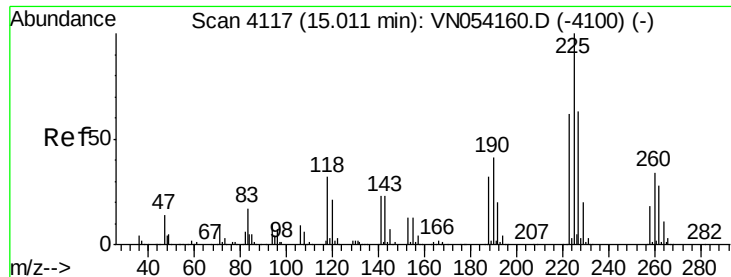


Abundance Ion 179.80 (179.50 to 180.50): VN054410.D (-4070) (-)

Ion 181.80 (181.50 to 182.50): VN054410.D (-4070) (-)

Ion 144.80 (144.50 to 145.50): VN054410.D (-4070) (-)





#94

Hexachlorobutadiene

Concen: 0.248 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN054410.D

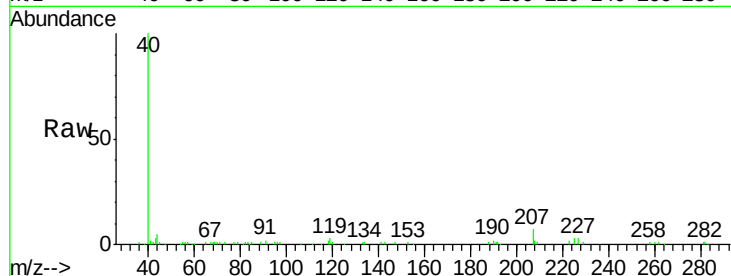
Acq: 18 Mar 2019 23:33

Instrument :

MSVOA_N

ClientSampled :

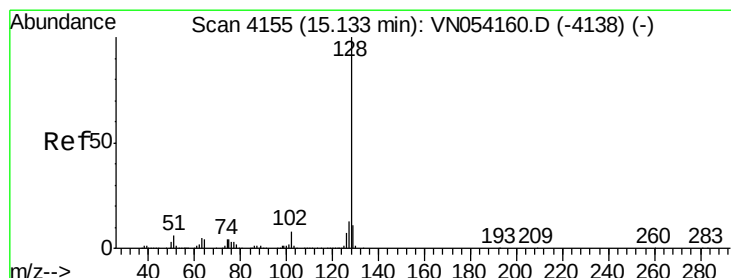
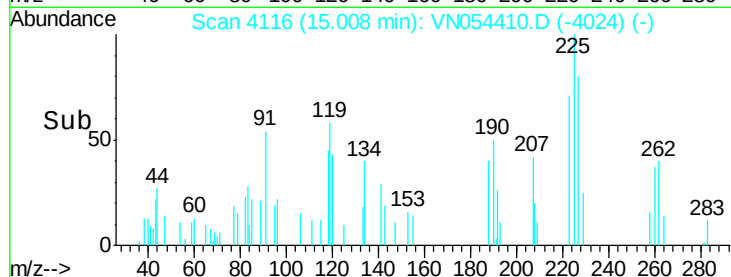
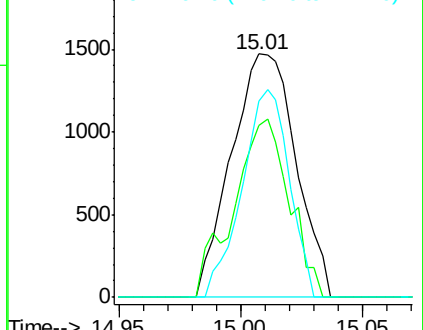
Tot Ion:	225	Resp:	2702
Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.1	93.5
227	62.4	31.9	95.9



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 15.649 ug/l

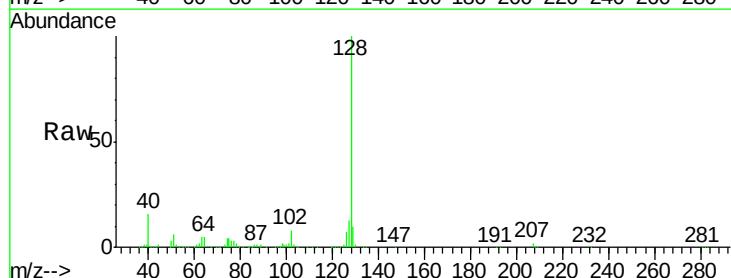
RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054410.D

Acq: 18 Mar 2019 23:33

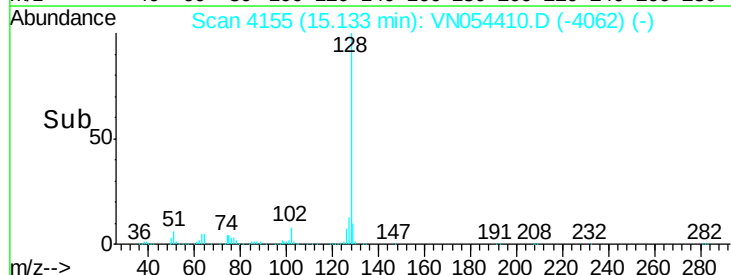
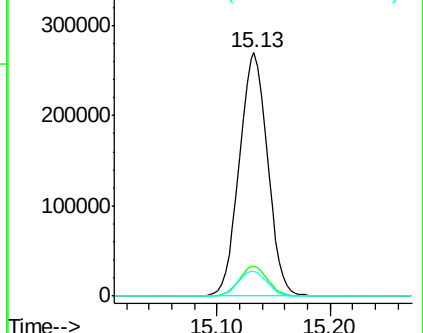
Tgt Ion:	128	Resp:	471540
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.5	8.7	13.1

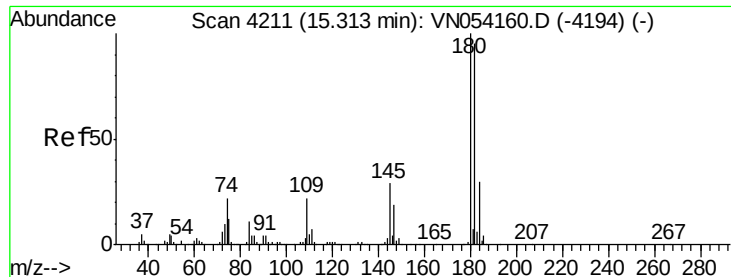


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.607 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN054410.D
 Acq: 18 Mar 2019 23:33

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	82.7	47.5	142.6
145	39.1	14.8	44.3

