

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031219\
 Data File : VN054183.D
 Acq On : 13 Mar 2019 00:50
 Operator : JC/SP
 Sample : K1849-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PUMP-PC

Quant Time: Mar 13 07:33:01 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	1460514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2395185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2521457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1219891	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	788285	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
35) Dibromofluoromethane	7.59	113	736427	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
50) Toluene-d8	10.09	98	3002866	52.63	ug/l	0.00
Spiked Amount			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.40	95	1198833	60.05	ug/l	0.00
Spiked Amount			Recovery	=	120.10%	

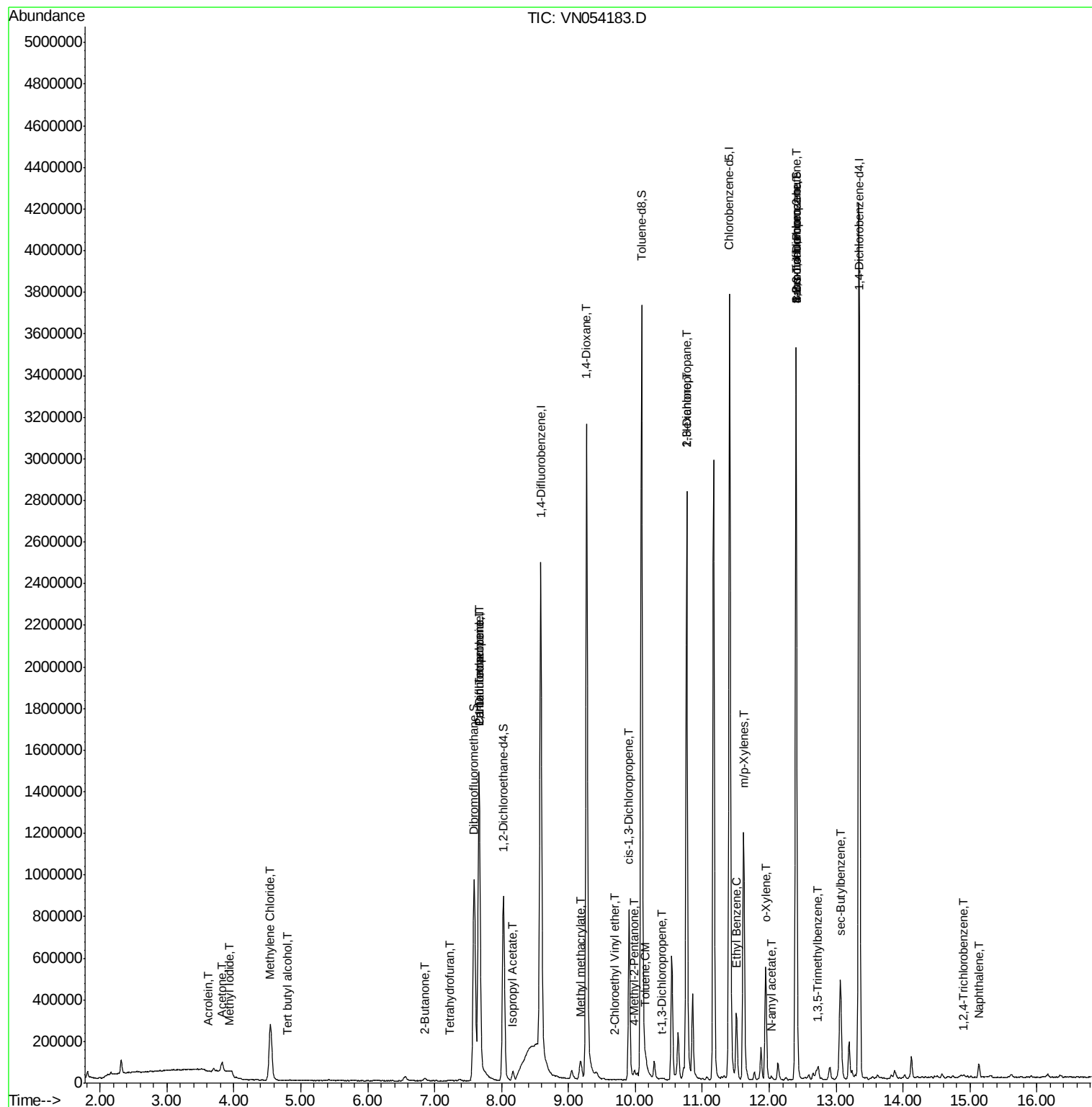
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.94	142	356	1.513	ug/l #	40
11) Tert butyl alcohol	4.81	59	342	0.322	ug/l #	79
13) Acrolein	3.61	56	3661	3.633	ug/l #	58
16) Acetone	3.82	43	74722	16.825	ug/l	90
20) Methylene Chloride	4.55	84	215351	14.768	ug/l	96
25) 2-Butanone	6.86	43	19100	3.664	ug/l	97
29) Tetrahydrofuran	7.23	42	2178	0.650	ug/l	98
31) Cyclohexane	7.66	56	23832	Below Cal	#	11
36) 1,1-Dichloropropene	7.67	75	91517	4.149	ug/l #	42
38) Carbon Tetrachloride	7.66	117	117816	5.093	ug/l #	16
43) Isopropyl Acetate	8.17	43	52873	2.377	ug/l	99
48) Methyl methacrylate	9.18	41	34491	3.055	ug/l #	28
49) 1,4-Dioxane	9.27	88	171	1.071	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	29176	2.478	ug/l	87
52) Toluene	10.16	92	12282	0.307	ug/l	94
53) t-1,3-Dichloropropene	10.39	75	819	2.018	ug/l #	42
54) cis-1,3-Dichloropropene	9.91	75	165974	6.709	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	33130	1.386	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.70	63	236	16.857	ug/l #	44
59) 2-Hexanone	10.77	43	420288	53.651	ug/l #	51
67) Ethyl Benzene	11.51	91	245574	2.676	ug/l	99
68) m/p-Xylenes	11.62	106	416993	11.625	ug/l	99
69) o-Xylene	11.95	106	154951	4.431	ug/l	98
71) Bromoform	12.40	173	7156	2.795	ug/l #	1
74) N-amyl acetate	12.03	43	11814	0.545	ug/l #	44
76) 1,2,3-Trichloropropane	12.40	75	586225	32.679	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	21376	0.263	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	586225	111.710	ug/l #	11
85) sec-Butylbenzene	13.06	105	239691	2.473	ug/l #	55
93) 1,2,4-Trichlorobenzene	14.91	180	4300	2.676	ug/l #	93
95) Naphthalene	15.13	128	59717	4.508	ug/l	96

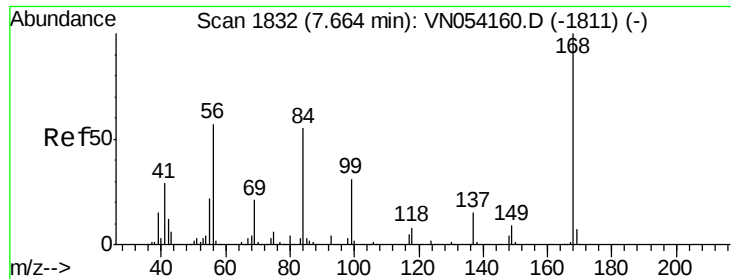
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

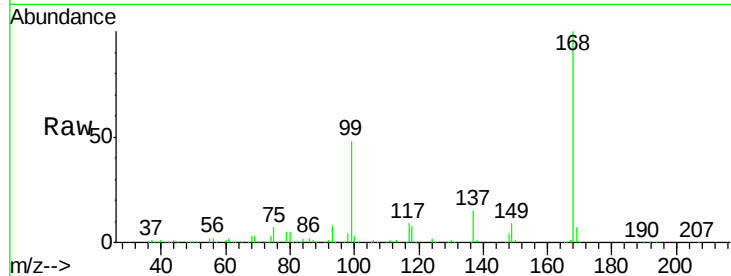
PUMP-PC

Tot Ion:168 Resp: 1460514

Ion Ratio Lower Upper

168 100

99 48.0 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

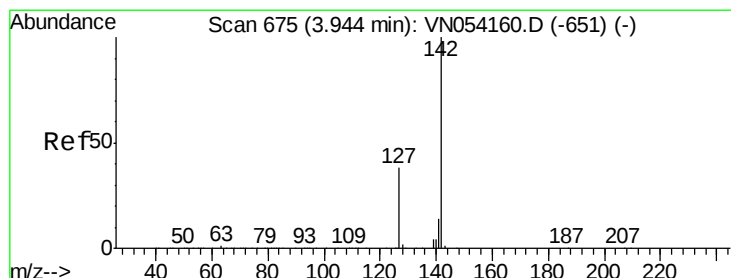
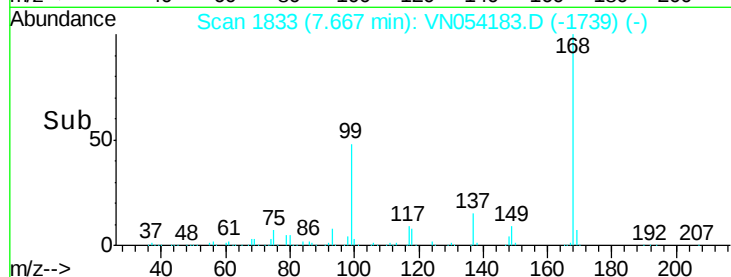
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#10

Methyl Iodide

Concen: 1.513 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.01 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

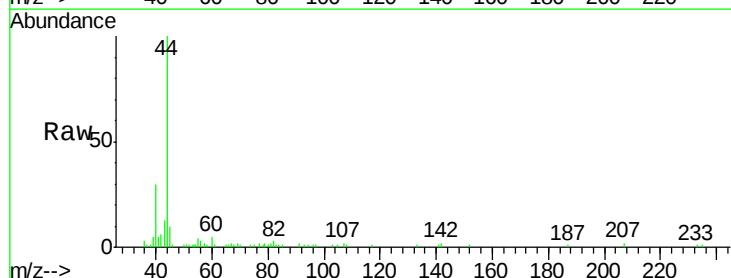
Tgt Ion:142 Resp: 356

Ion Ratio Lower Upper

142 100

127 46.9 30.3 45.5#

141 88.2 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

3.94

500

400

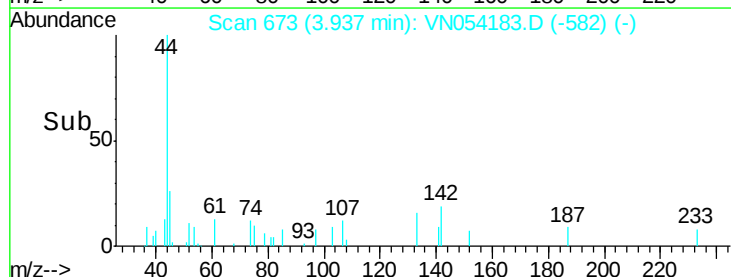
300

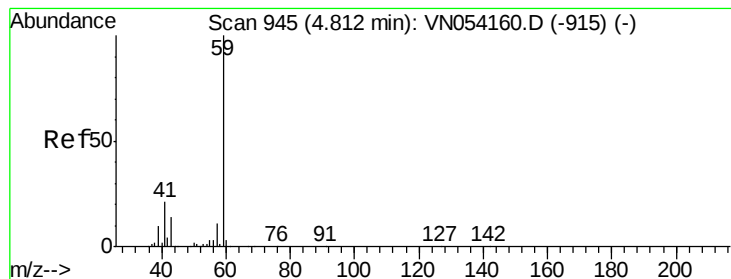
200

100

0

Time--> 3.92 3.94 3.96





#11

Tert butyl alcohol

Concen: 0.322 ug/l

RT: 4.81 min Scan# 945

Delta R.T. 0.00 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

Instrument :

MSVOA_N

ClientSampled :

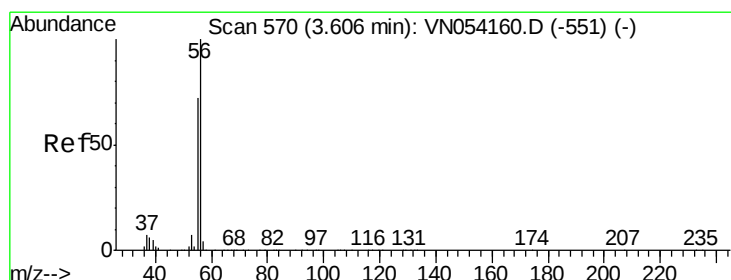
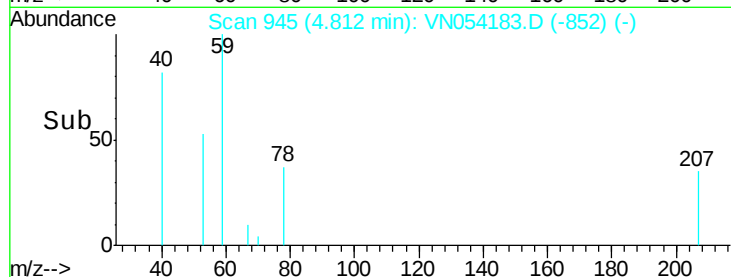
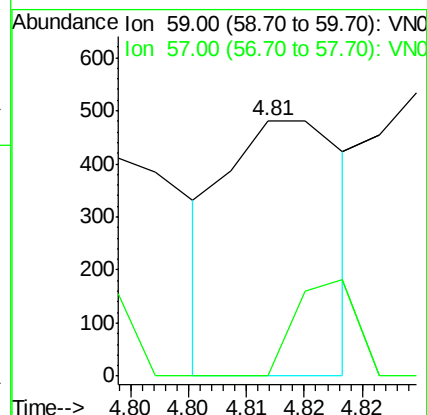
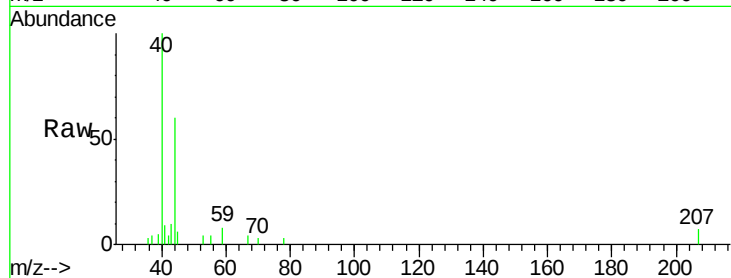
PUMP-PC

Tot Ion: 59 Resp: 342

Ion Ratio Lower Upper

59 100

57 19.3 9.0 13.6#



#13

Acrolein

Concen: 3.633 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN054183.D

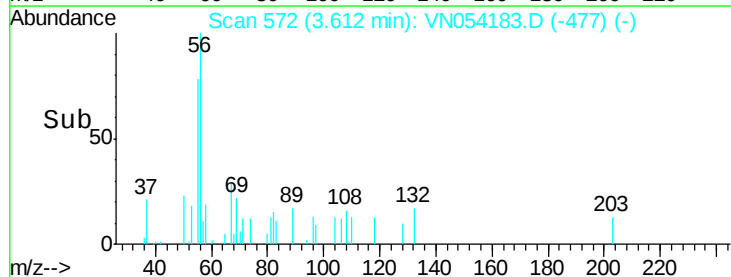
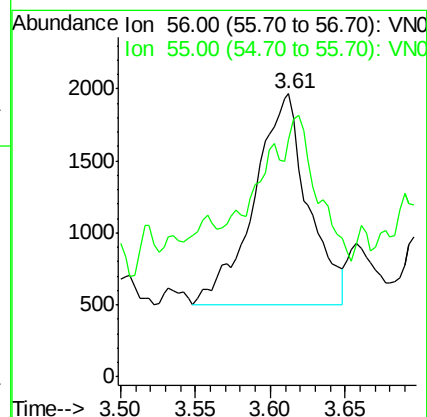
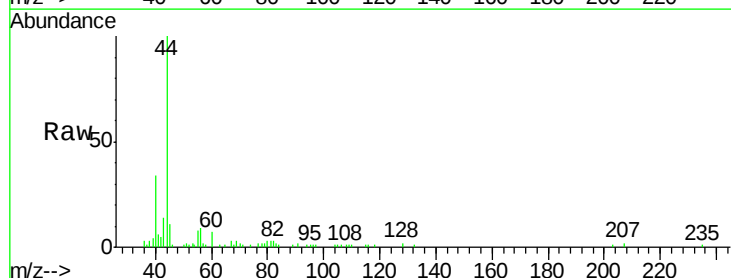
Acq: 13 Mar 2019 00:50

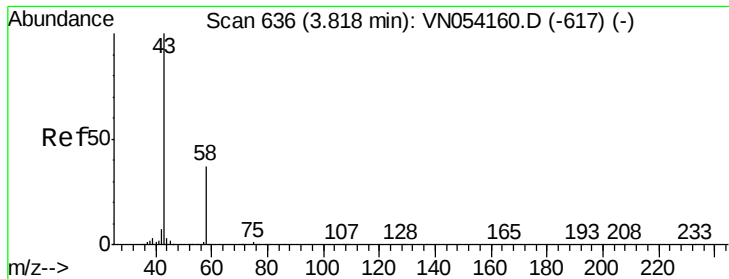
Tgt Ion: 56 Resp: 3661

Ion Ratio Lower Upper

56 100

55 35.9 56.7 85.1#





#16

Acetone

Concen: 16.825 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

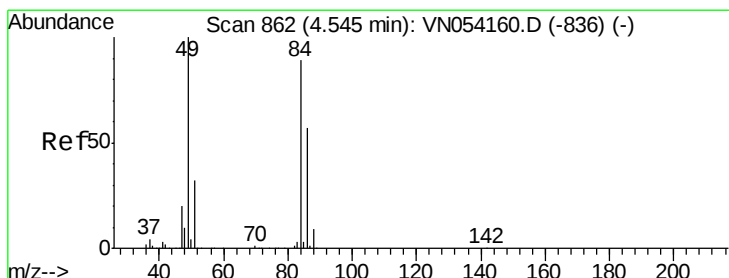
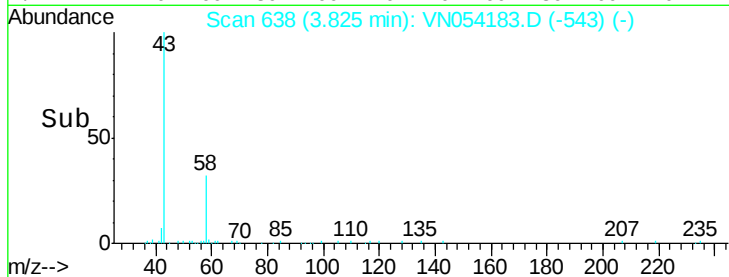
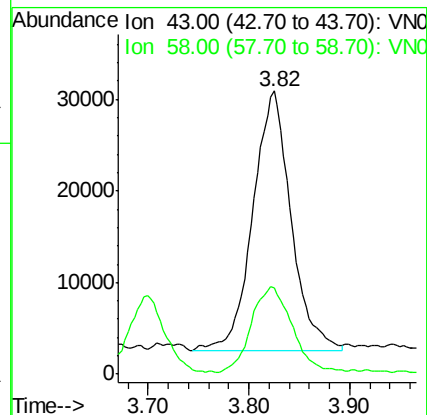
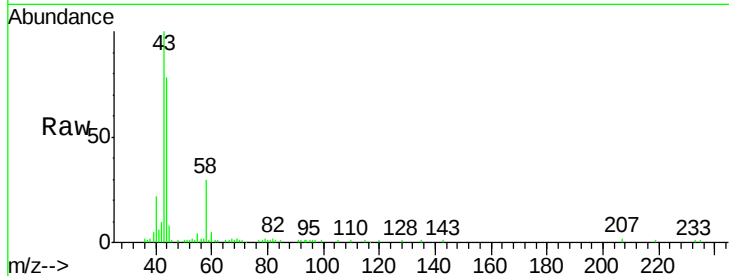
PUMP-PC

Tot Ion: 43 Resp: 74722

Ion Ratio Lower Upper

43 100

58 31.4 29.9 44.9



#20

Methylene Chloride

Concen: 14.768 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

Tgt Ion: 84 Resp: 215351

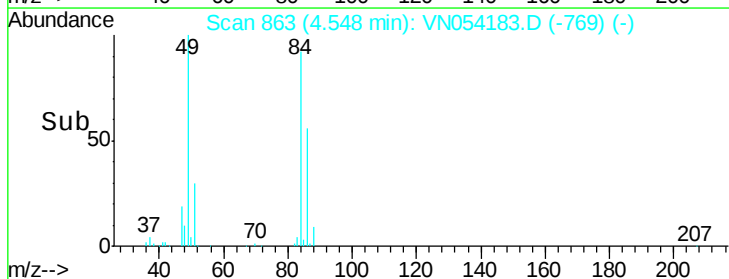
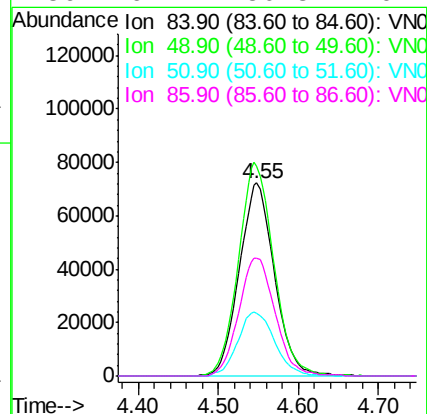
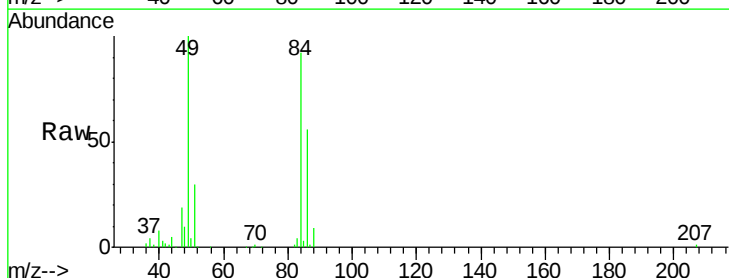
Ion Ratio Lower Upper

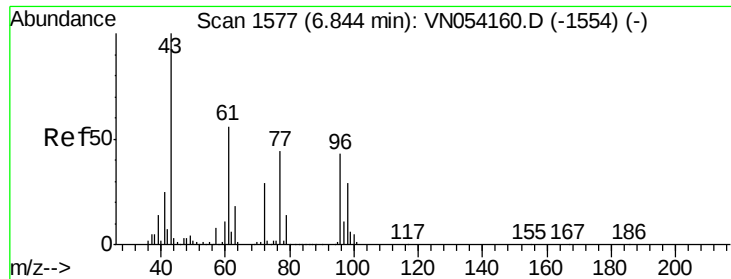
84 100

49 108.3 89.7 134.5

51 32.4 28.2 42.4

86 61.2 50.8 76.2

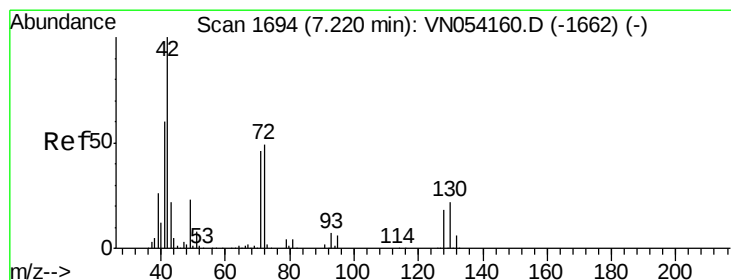
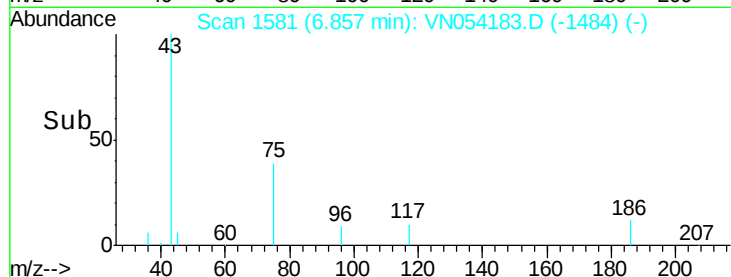
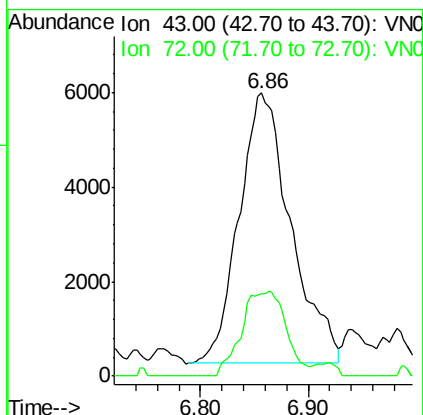
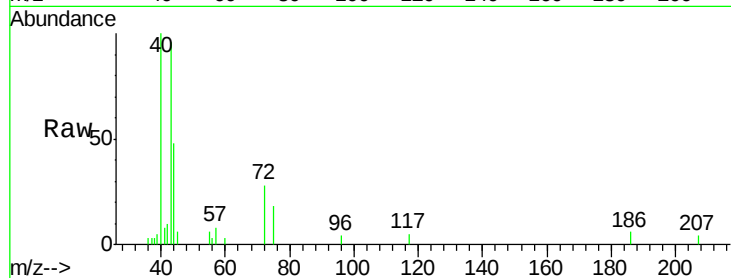




#25
 2-Butanone
 Concen: 3.664 ug/l
 RT: 6.86 min Scan# 1581
 Delta R.T. 0.01 min
 Lab File: VN054183.D
 Acq: 13 Mar 2019 00:50

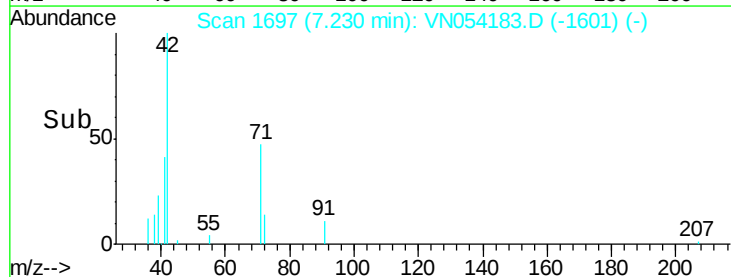
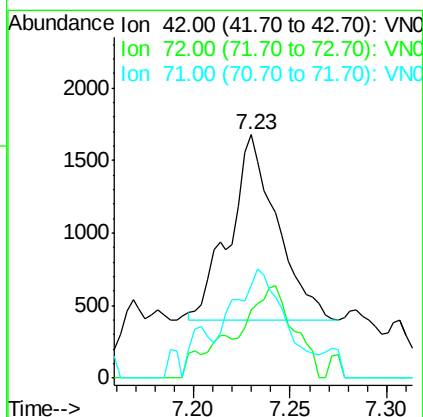
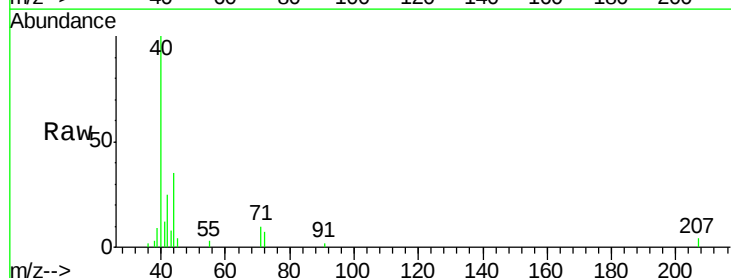
Instrument :
 MSVOA_N
 ClientSampleId :
 PUMP-PC

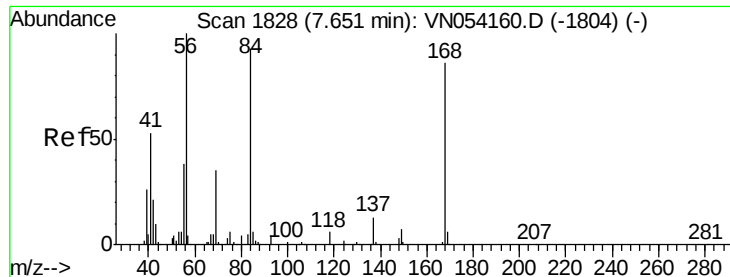
Tot Ion: 43 Resp: 19100
 Ion Ratio Lower Upper
 43 100
 72 30.3 23.0 34.6



#29
 Tetrahydrofuran
 Concen: 0.650 ug/l
 RT: 7.23 min Scan# 1697
 Delta R.T. 0.01 min
 Lab File: VN054183.D
 Acq: 13 Mar 2019 00:50

Tgt Ion: 42 Resp: 2178
 Ion Ratio Lower Upper
 42 100
 72 47.4 37.8 56.6
 71 47.3 36.2 54.2





#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

PUMP-PC

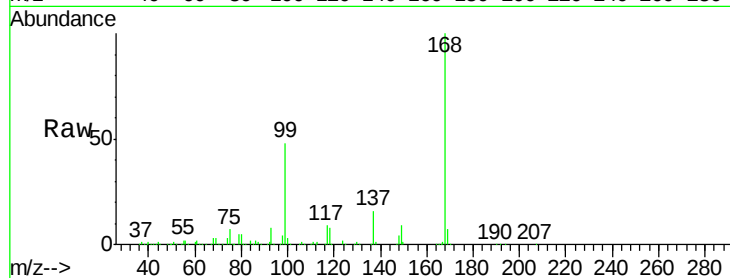
Tot Ion: 56 Resp: 23832

Ion Ratio Lower Upper

56 100

69 161.1 27.8 41.6#

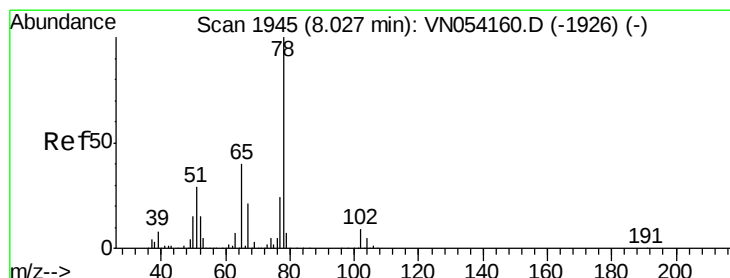
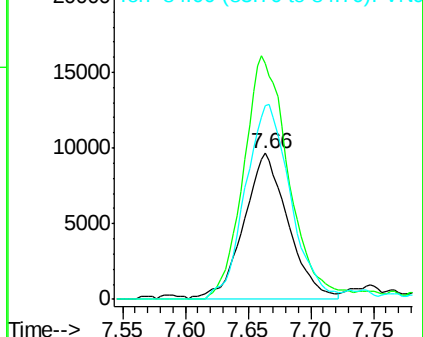
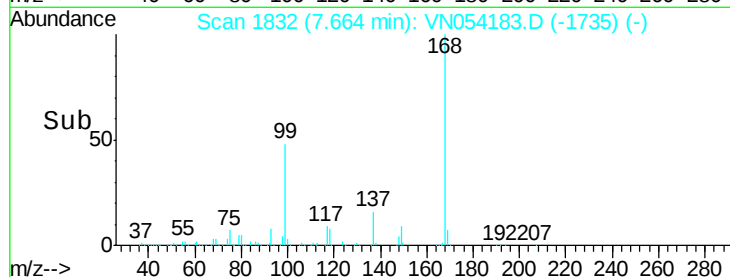
84 132.2 74.6 111.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.822 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054183.D

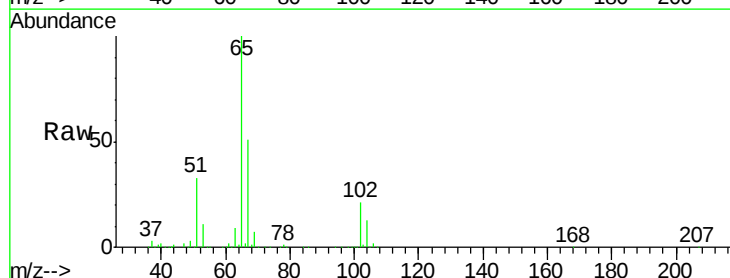
Acq: 13 Mar 2019 00:50

Tgt Ion: 65 Resp: 788285

Ion Ratio Lower Upper

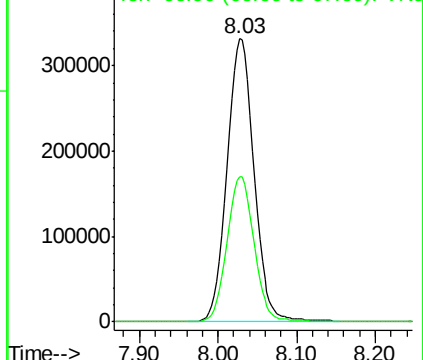
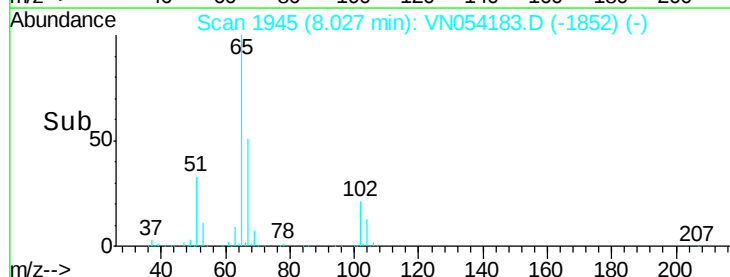
65 100

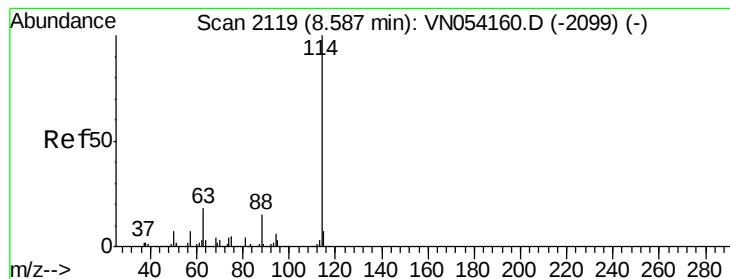
67 51.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

PUMP-PC

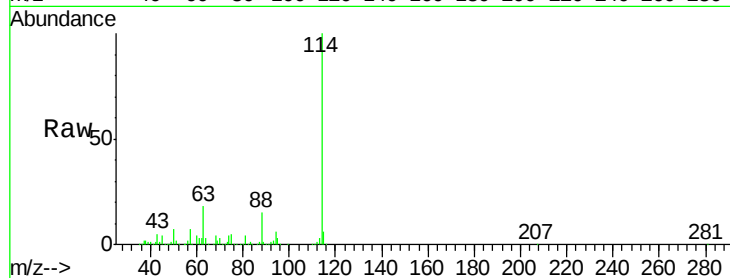
Tot Ion:114 Resp: 2395185

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

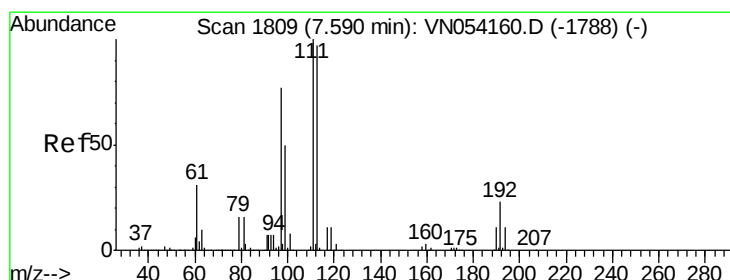
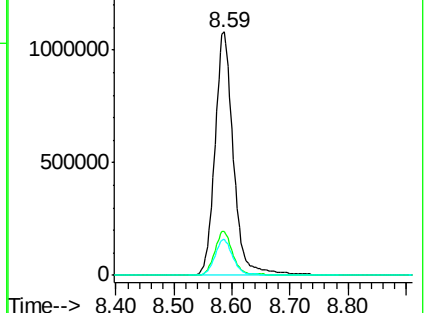
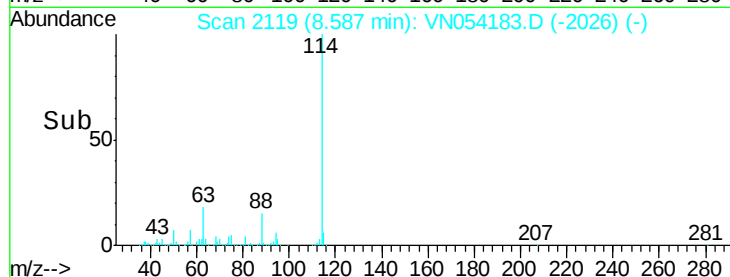
88 14.7 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 47.671 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

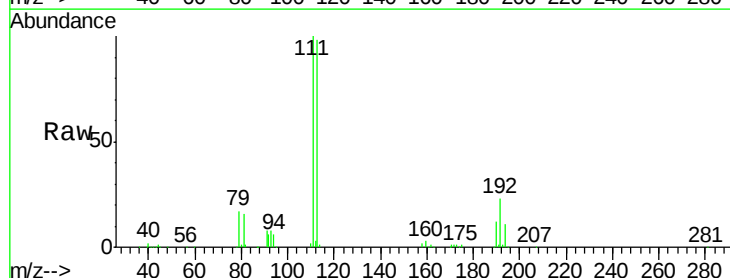
Tgt Ion:113 Resp: 736427

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

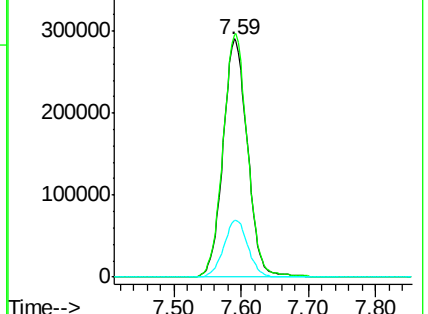
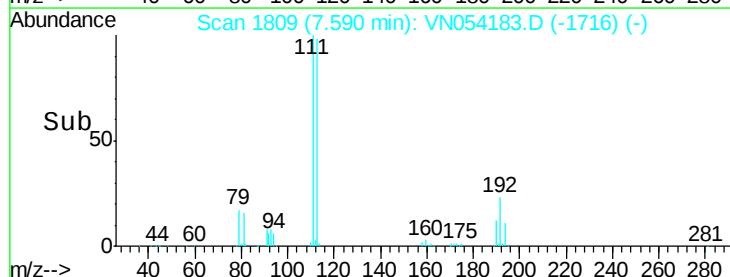
192 23.6 19.2 28.8

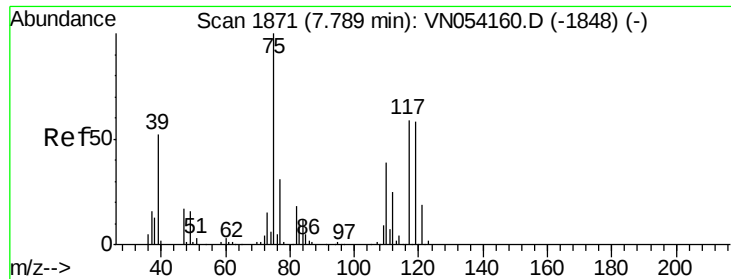


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

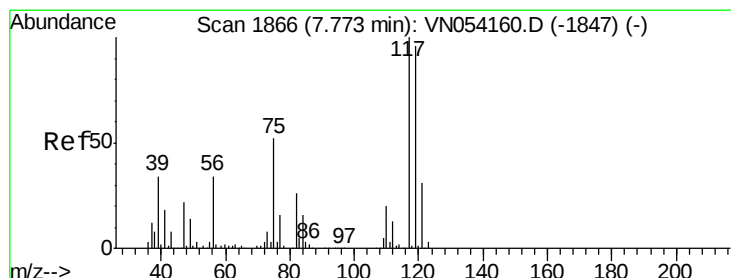
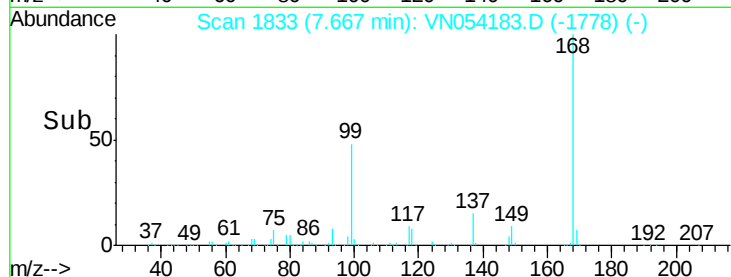
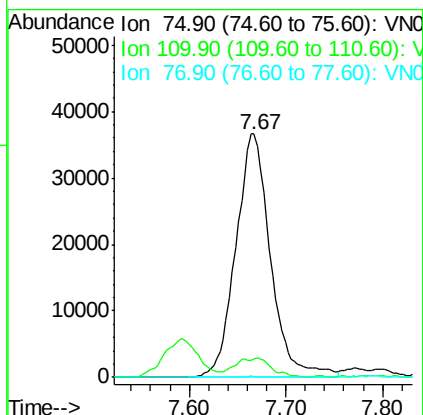
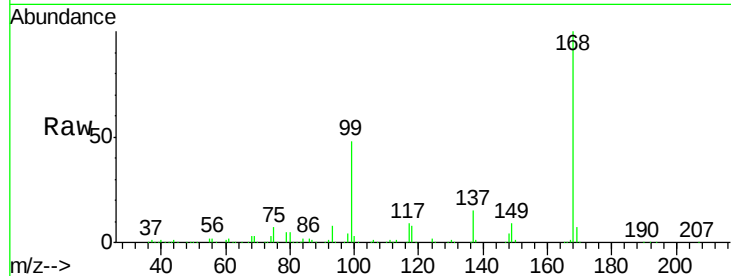




#36
 1,1-Dichloropropene
 Concen: 4.149 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.12 min
 Lab File: VN054183.D
 Acq: 13 Mar 2019 00:50

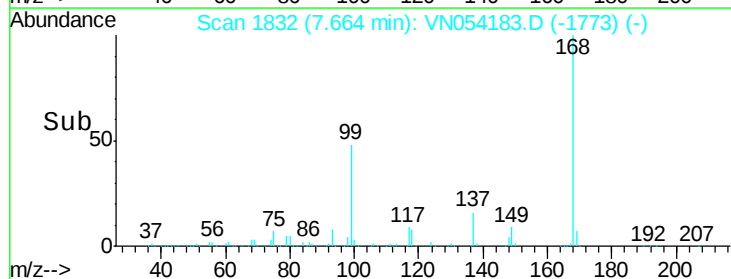
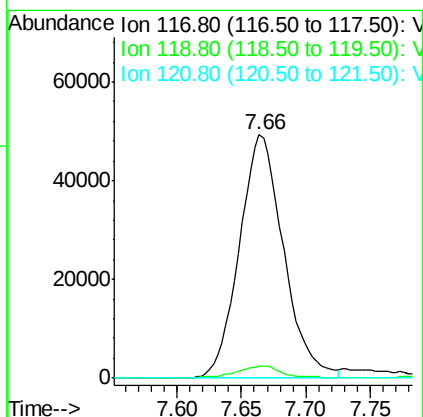
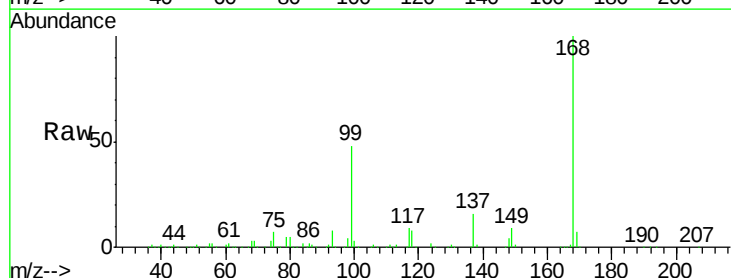
Instrument :
 MSVOA_N
 ClientSampled :
 PUMP-PC

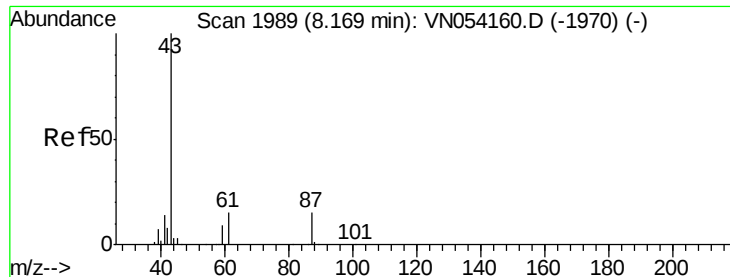
Tot Ion	75	Resp	91517
Ion Ratio	Lower	Upper	
75	100		
110	2.4	19.1	57.5#
77	0.1	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.093 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN054183.D
 Acq: 13 Mar 2019 00:50

Tgt Ion	117	Resp	117816
Ion Ratio	Lower	Upper	
117	100		
119	4.7	76.3	114.5#
121	0.0	24.6	36.8#



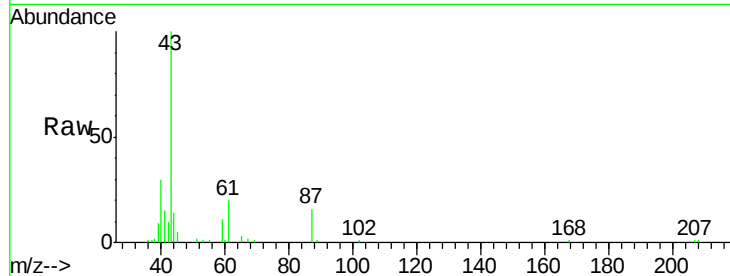


#43

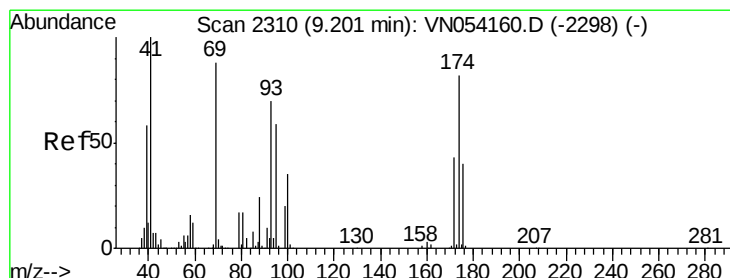
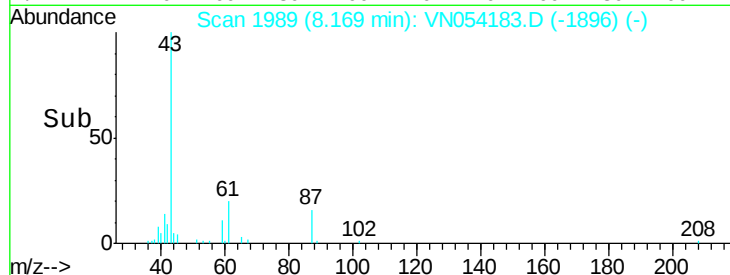
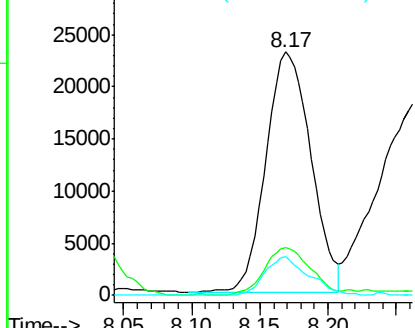
Isopropyl Acetate
 Concen: 2.377 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN054183.D
 Acq: 13 Mar 2019 00:50

Instrument :
 MSVOA_N
 ClientSampleId :
 PUMP-PC

Tot Ion: 43 Resp: 52873
 Ion Ratio Lower Upper
 43 100
 61 20.2 15.8 23.8
 87 15.6 12.0 18.0



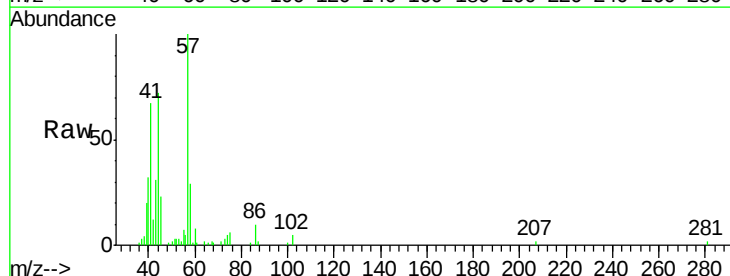
Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO



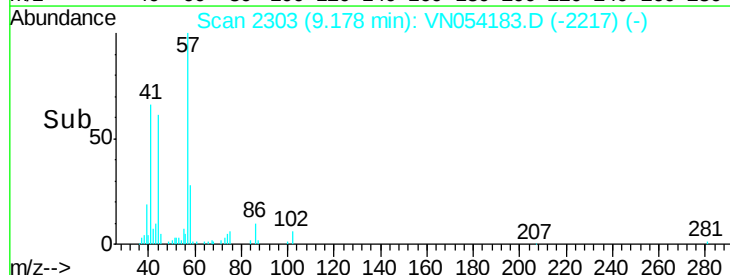
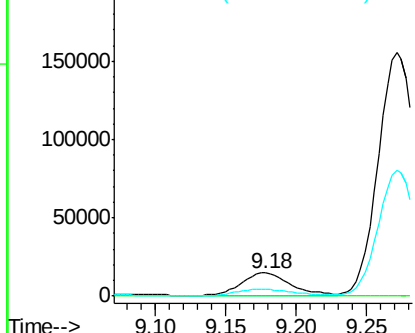
#48

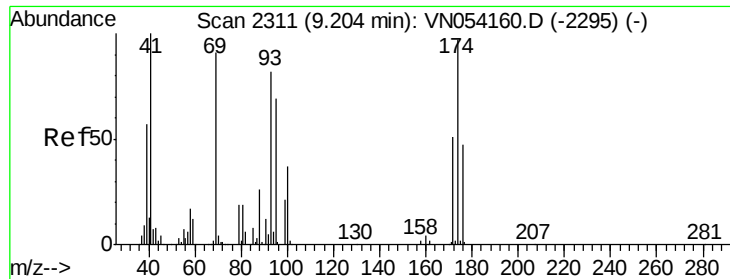
Methyl methacrylate
 Concen: 3.055 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN054183.D
 Acq: 13 Mar 2019 00:50

Tgt Ion: 41 Resp: 34491
 Ion Ratio Lower Upper
 41 100
 69 0.5 72.6 108.8#
 39 32.2 47.5 71.3#



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





#49

1,4-Dioxane

Concen: 1.071 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.06 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

PUMP-PC

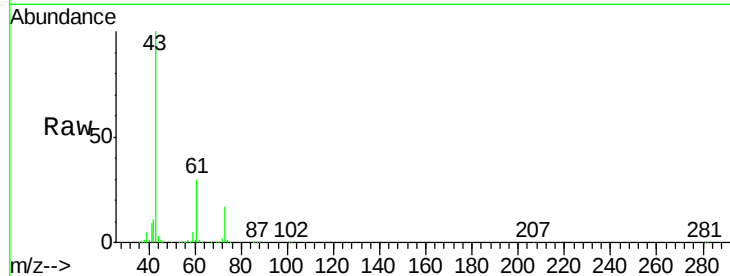
Tot Ion: 88 Resp: 171

Ion Ratio Lower Upper

88 100

43 1937752.6 24.1 36.1#

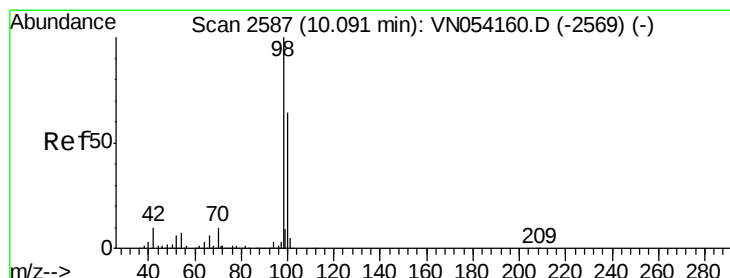
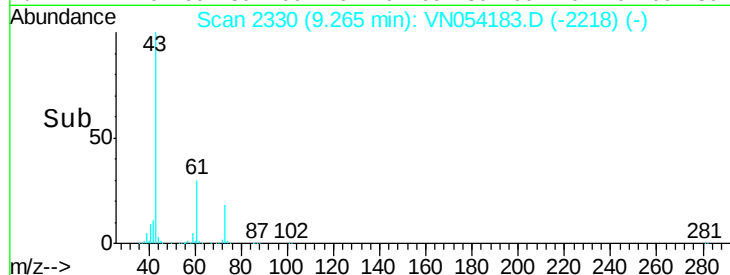
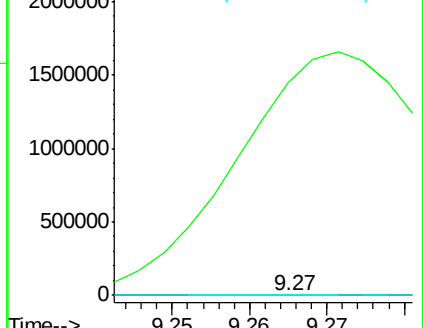
58 7795.9 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 52.634 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054183.D

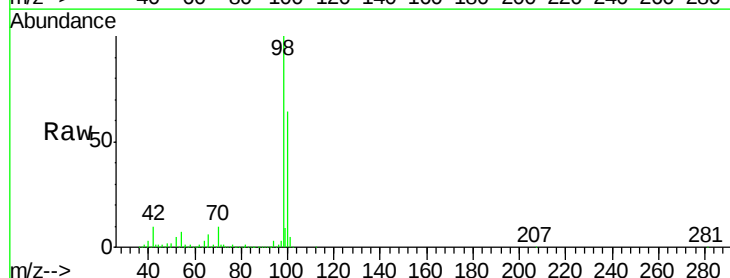
Acq: 13 Mar 2019 00:50

Tgt Ion: 98 Resp: 3002866

Ion Ratio Lower Upper

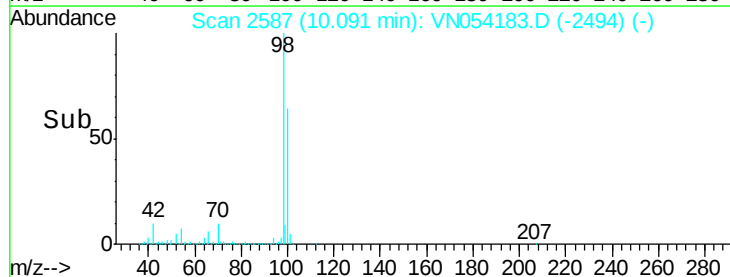
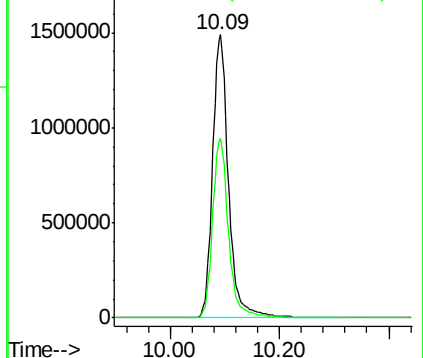
98 100

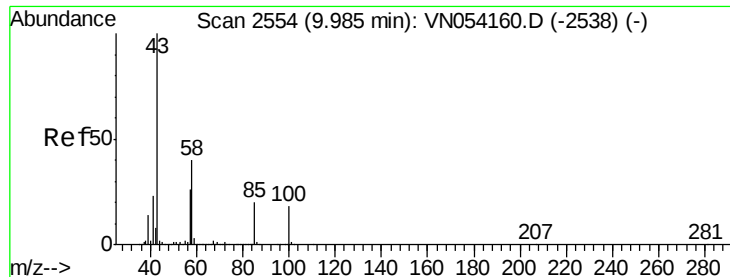
100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 2.478 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

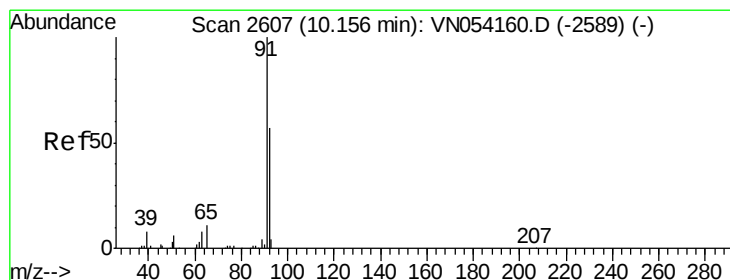
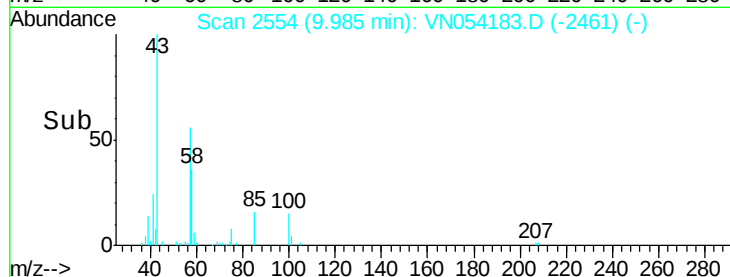
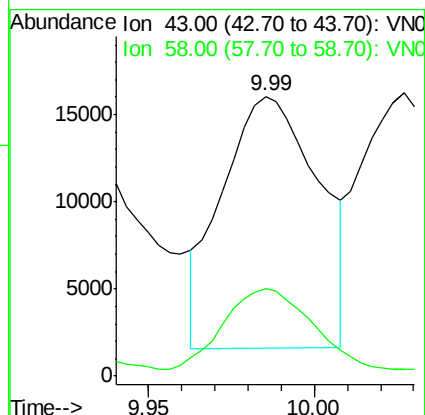
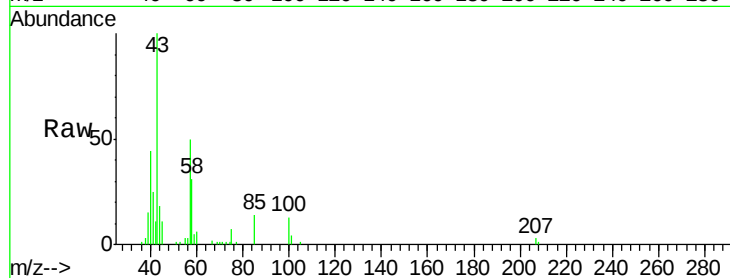
PUMP-PC

Tot Ion: 43 Resp: 29176

Ion Ratio Lower Upper

43 100

58 31.9 31.8 47.6



#52

Toluene

Concen: 0.307 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054183.D

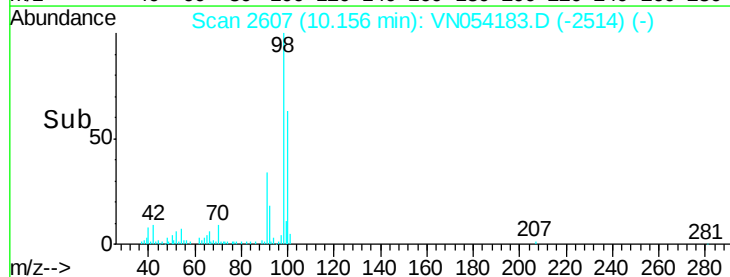
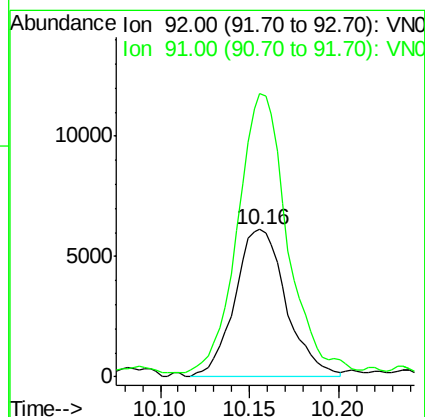
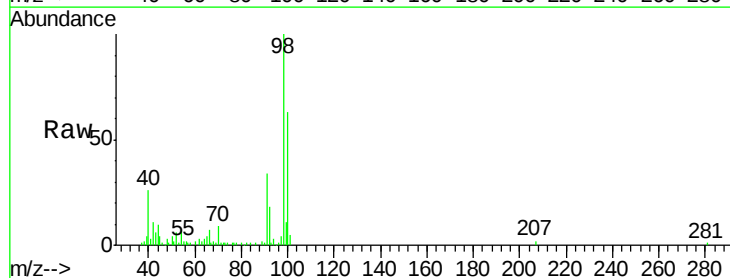
Acq: 13 Mar 2019 00:50

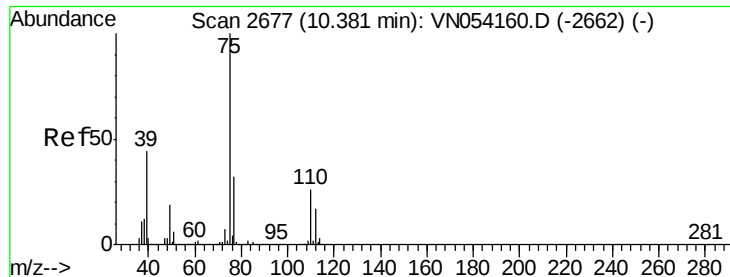
Tgt Ion: 92 Resp: 12282

Ion Ratio Lower Upper

92 100

91 184.3 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 2.018 ug/l

RT: 10.39 min Scan# 2679

Delta R.T. 0.01 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

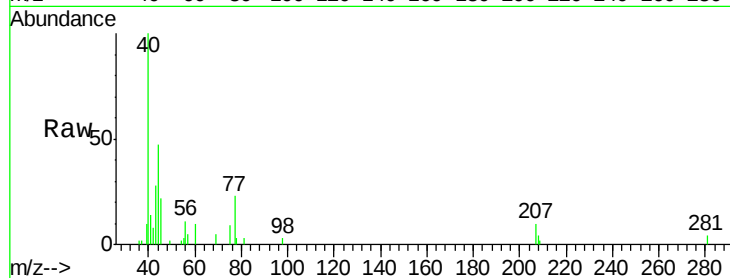
PUMP-PC

Tot Ion: 75 Resp: 819

Ion Ratio Lower Upper

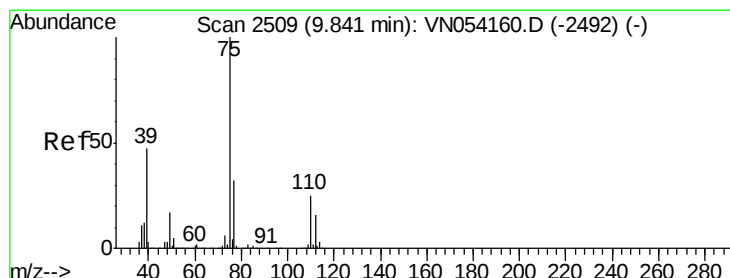
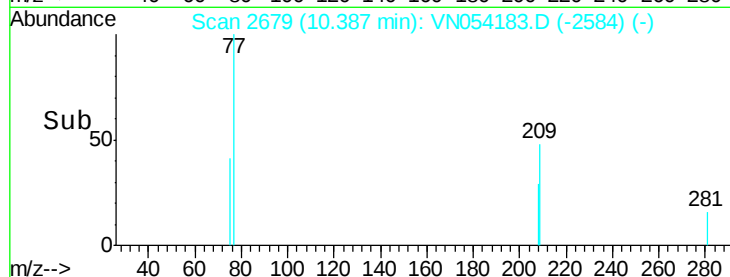
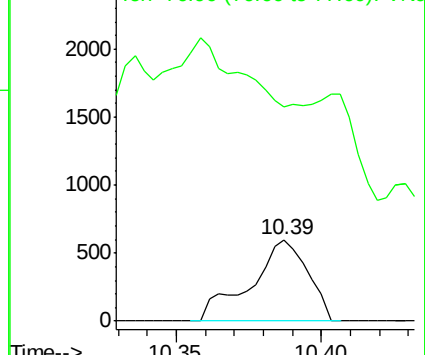
75 100

77 0.0 25.8 38.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 6.709 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

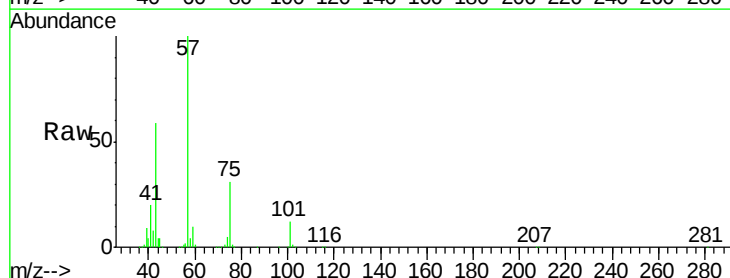
Tgt Ion: 75 Resp: 165974

Ion Ratio Lower Upper

75 100

77 0.8 25.4 38.0#

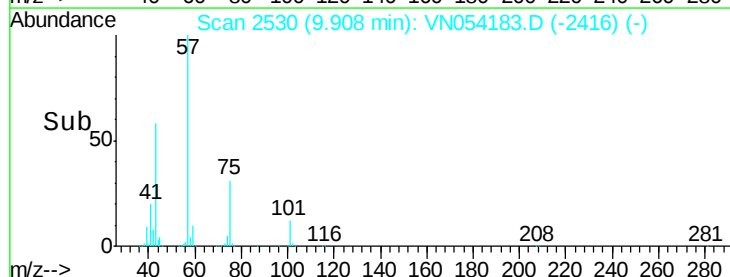
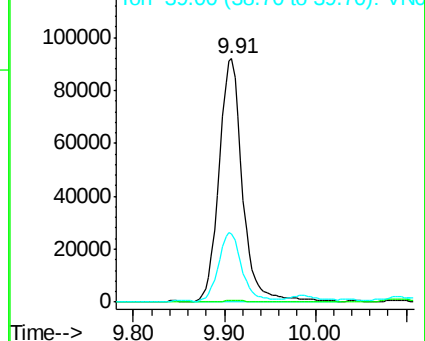
39 27.7 37.2 55.8#

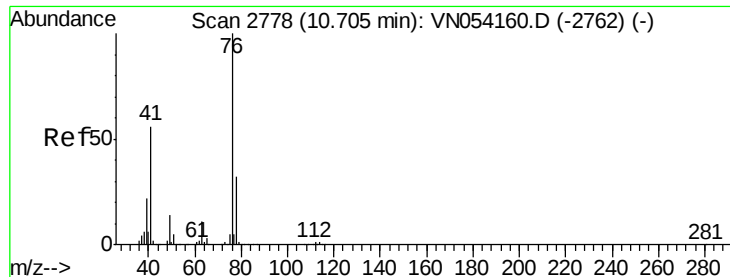


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.386 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

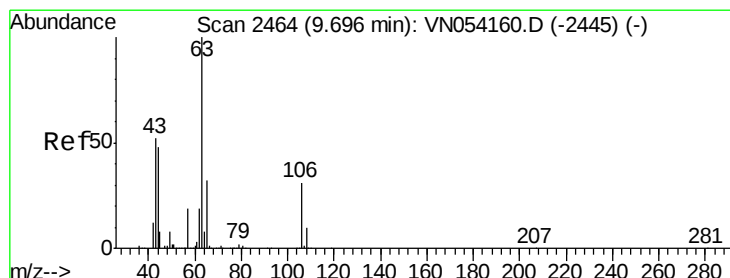
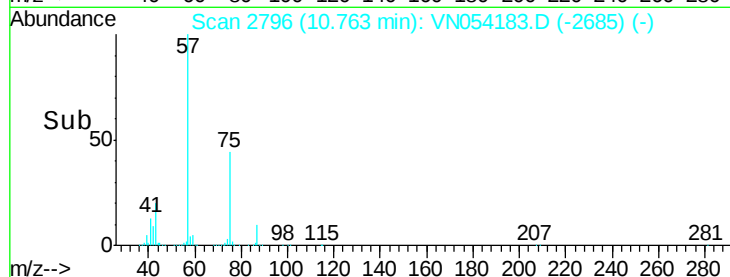
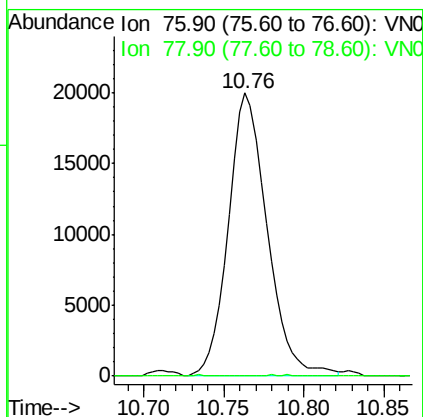
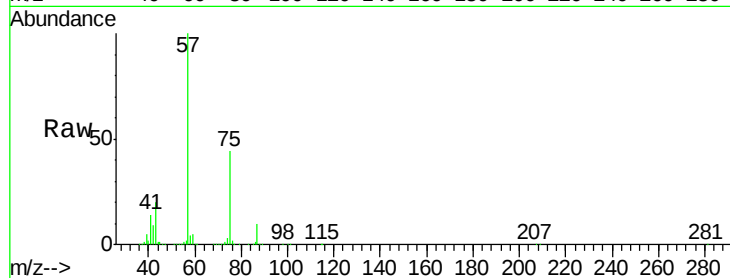
PUMP-PC

Tot Ion: 76 Resp: 33130

Ion Ratio Lower Upper

76 100

78 0.1 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 16.857 ug/l

RT: 9.70 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN054183.D

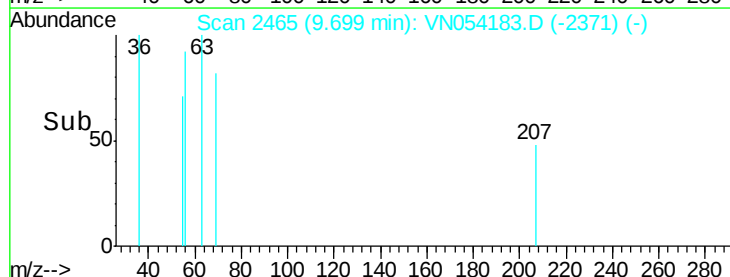
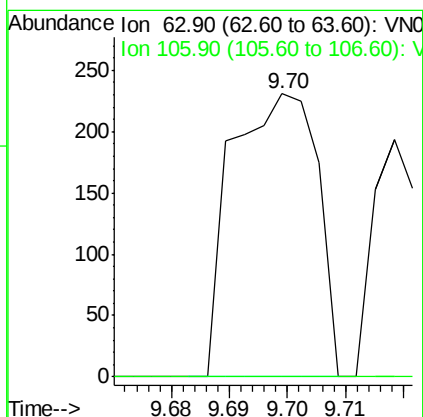
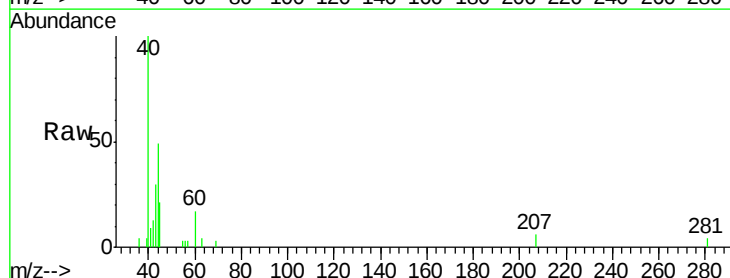
Acq: 13 Mar 2019 00:50

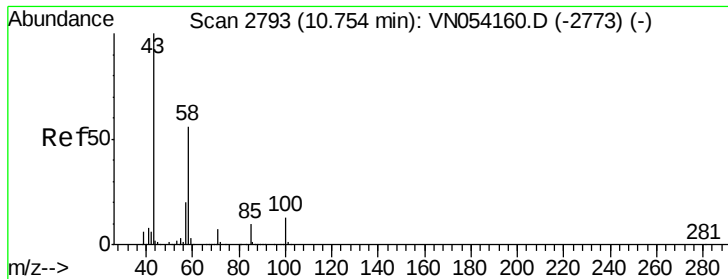
Tgt Ion: 63 Resp: 236

Ion Ratio Lower Upper

63 100

106 0.0 24.4 36.6#

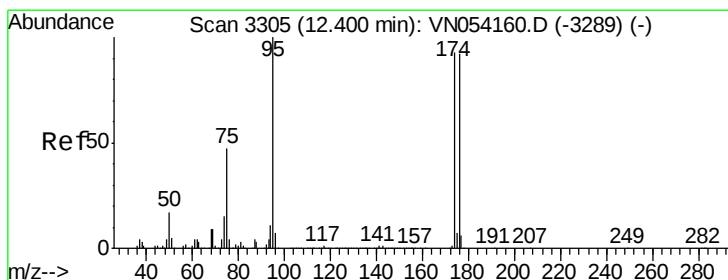
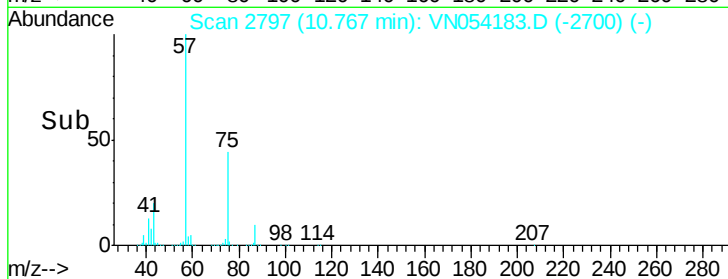
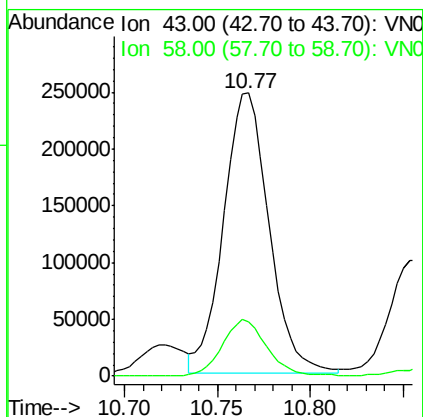
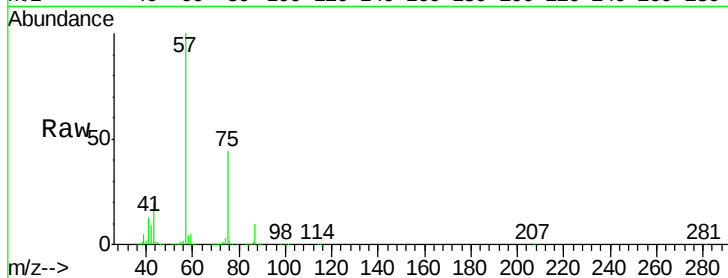




#59
2-Hexanone
Concen: 53.651 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054183.D
Acq: 13 Mar 2019 00:50

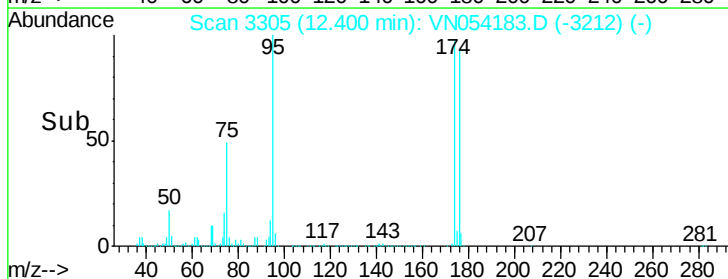
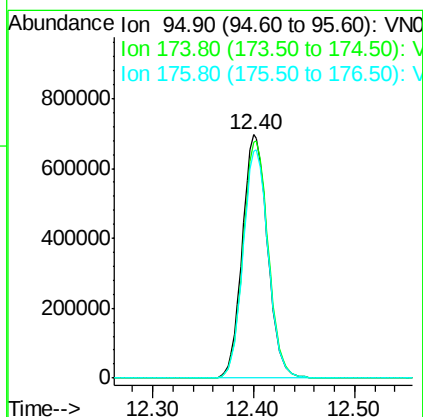
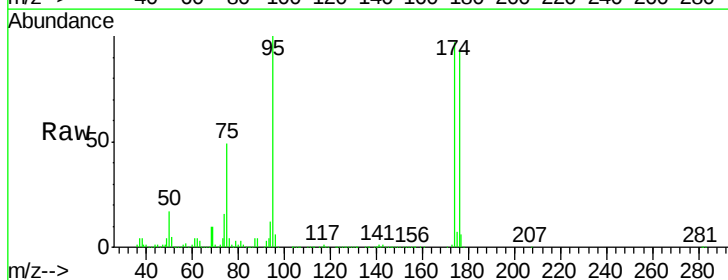
Instrument :
MSVOA_N
ClientSampled :
PUMP-PC

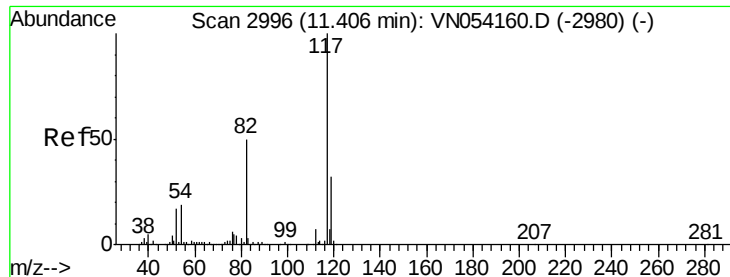
Tot Ion: 43 Resp: 420288
Ion Ratio Lower Upper
43 100
58 20.0 28.0 83.9#



#62
4-Bromofluorobenzene
Concen: 60.055 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054183.D
Acq: 13 Mar 2019 00:50

Tgt Ion: 95 Resp: 1198833
Ion Ratio Lower Upper
95 100
174 97.4 0.0 191.0
176 93.5 0.0 187.4

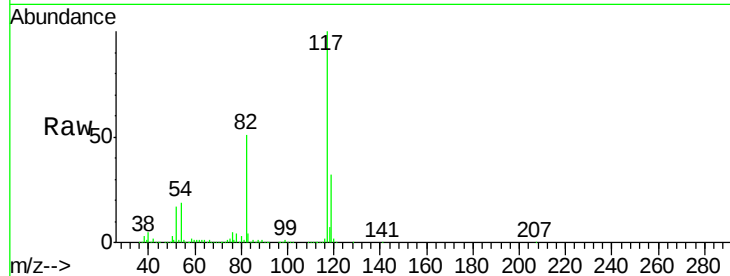




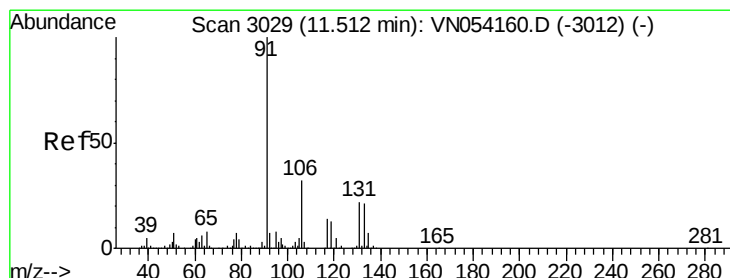
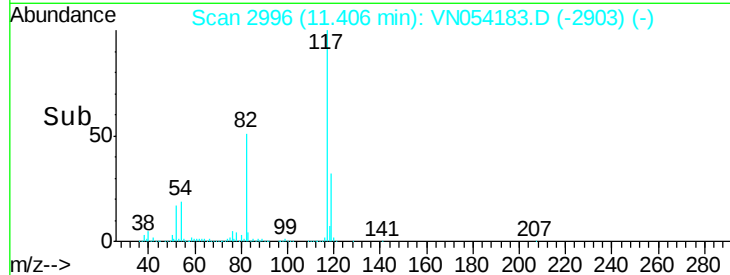
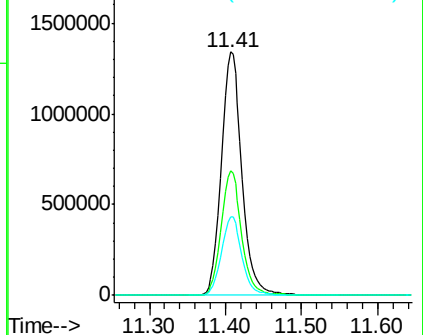
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054183.D
Acq: 13 Mar 2019 00:50

Instrument :
MSVOA_N
ClientSampleId :
PUMP-PC

Tot Ion:117 Resp: 2521457
Ion Ratio Lower Upper
117 100
82 51.3 40.0 60.0
119 32.4 25.8 38.6

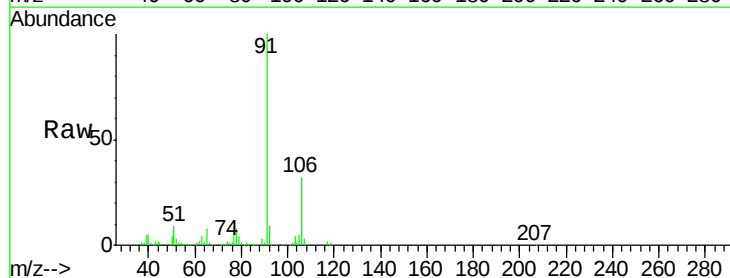


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

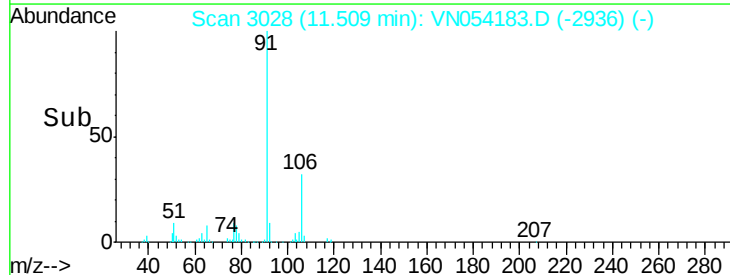
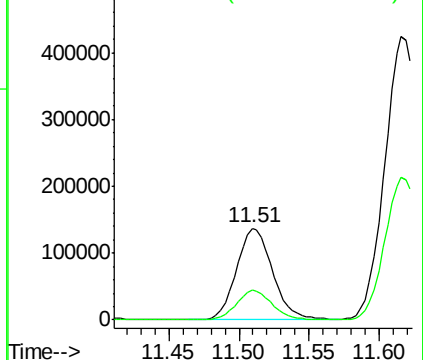


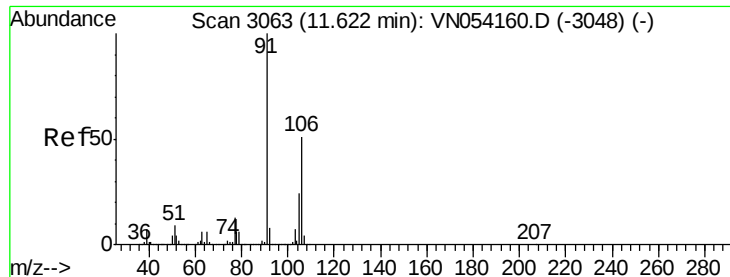
#67
Ethyl Benzene
Concen: 2.676 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054183.D
Acq: 13 Mar 2019 00:50

Tgt Ion: 91 Resp: 245574
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3



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





#68

m/p-Xylenes

Concen: 11.625 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.01 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

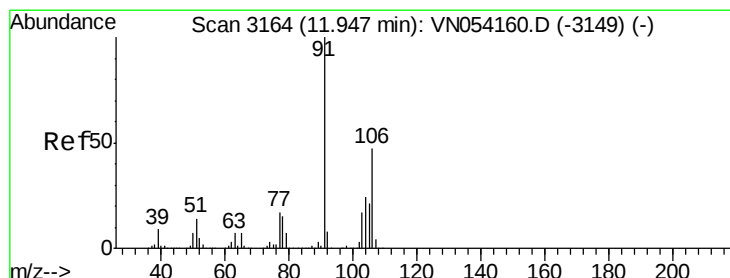
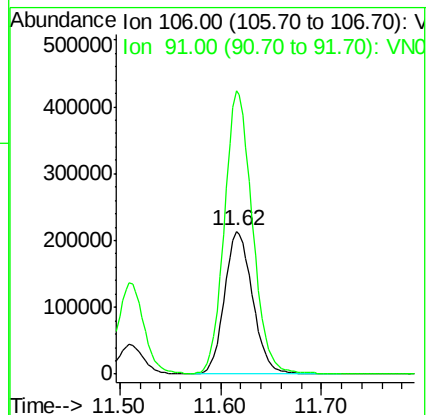
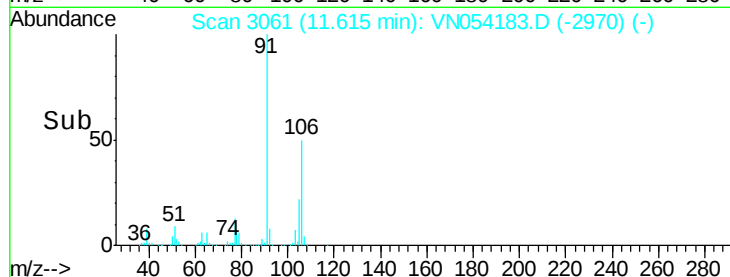
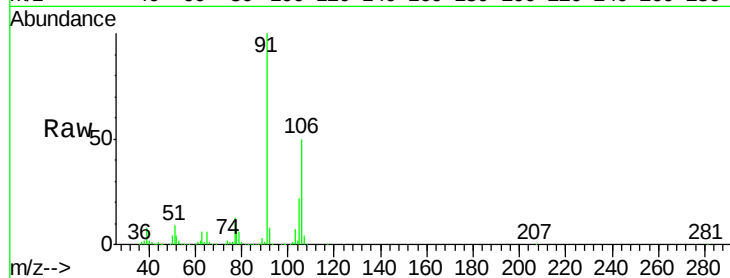
PUMP-PC

Tot Ion:106 Resp: 416993

Ion Ratio Lower Upper

106 100

91 197.5 159.4 239.2



#69

o-Xylene

Concen: 4.431 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN054183.D

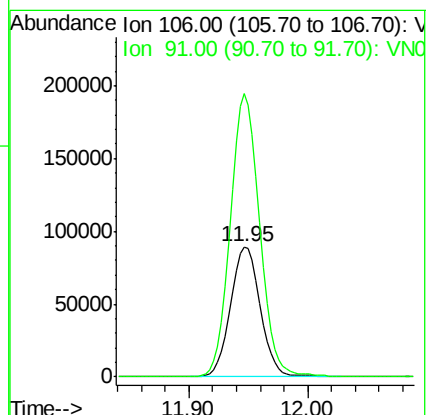
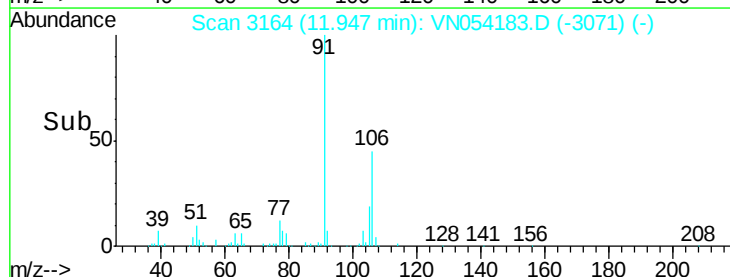
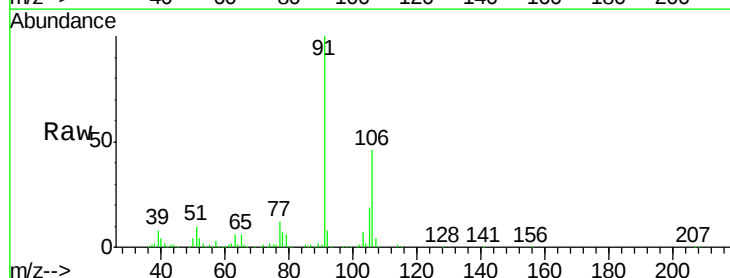
Acq: 13 Mar 2019 00:50

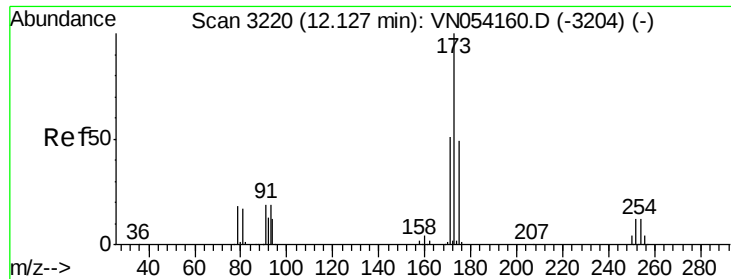
Tgt Ion:106 Resp: 154951

Ion Ratio Lower Upper

106 100

91 214.5 105.7 317.1





#71

Bromoform

Concen: 2.795 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

PUMP-PC

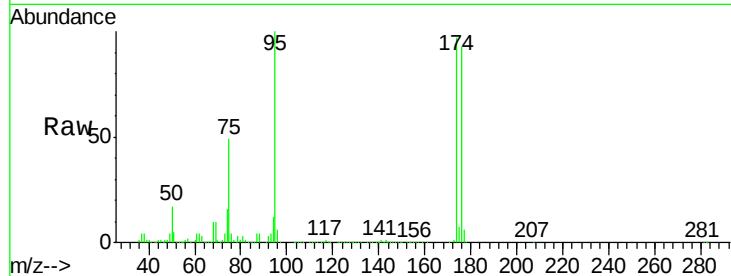
Tot Ion:173 Resp: 7156

Ion Ratio Lower Upper

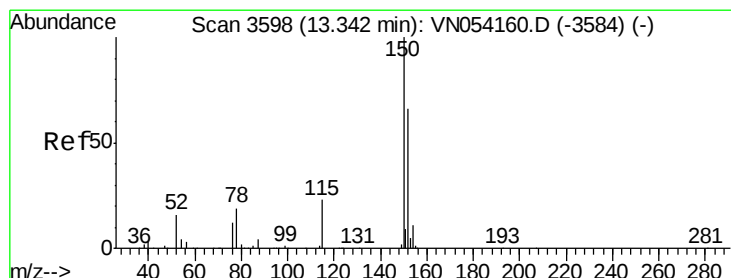
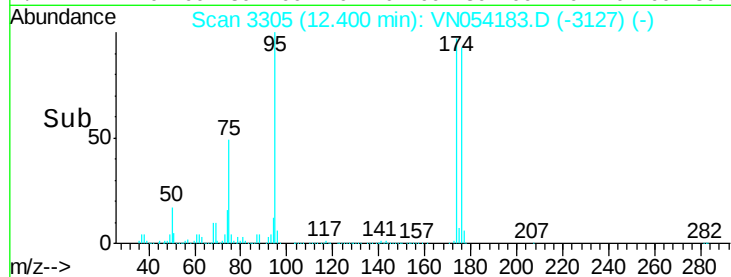
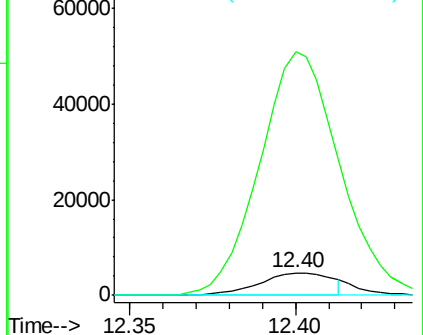
173 100

175 1036.0 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: VN054183.D

Acq: 13 Mar 2019 00:50

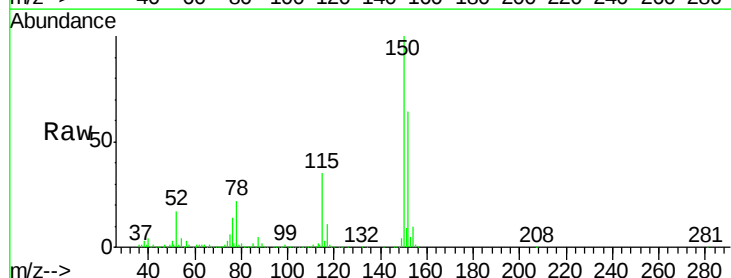
Tgt Ion:152 Resp: 1219891

Ion Ratio Lower Upper

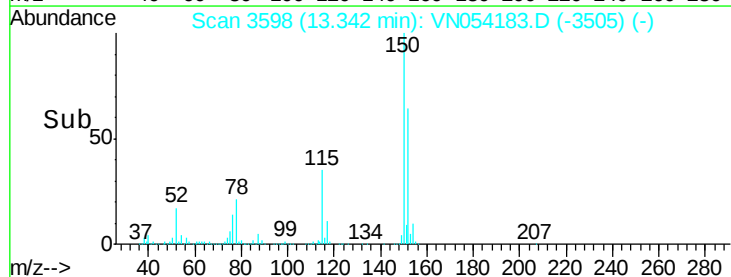
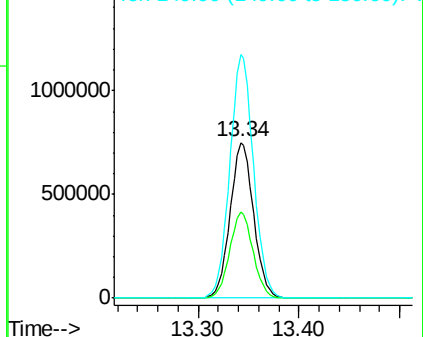
152 100

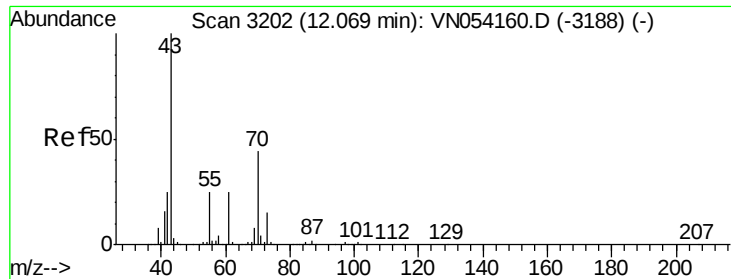
115 54.9 27.2 81.6

150 157.2 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: 0.545 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

Instrument :

MSVOA_N

ClientSampled :

PUMP-PC

Tot Ion: 43 Resp: 11814

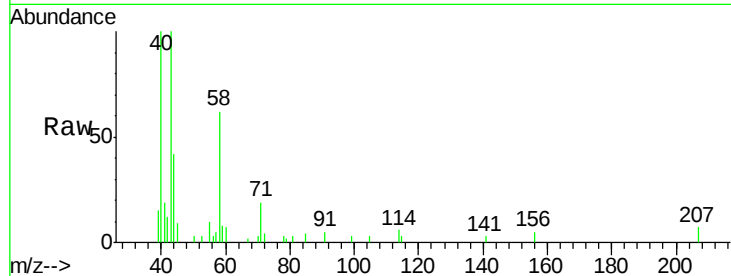
Ion Ratio Lower Upper

43 100

70 0.0 35.4 53.0#

55 4.4 19.8 29.6#

61 0.0 19.8 29.6#

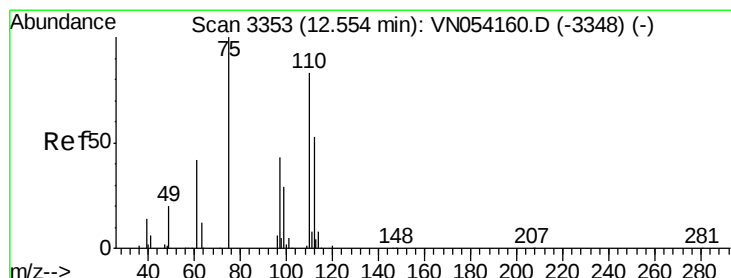
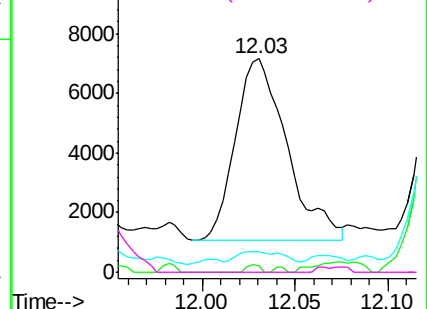
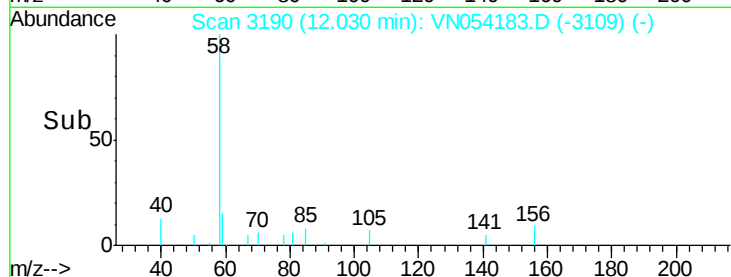


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#76

1,2,3-Trichloropropane

Concen: 32.679 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054183.D

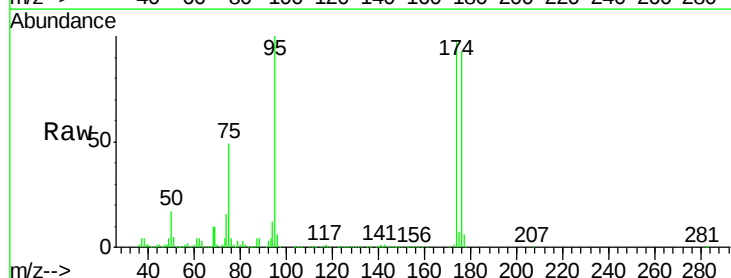
Acq: 13 Mar 2019 00:50

Tgt Ion: 75 Resp: 586225

Ion Ratio Lower Upper

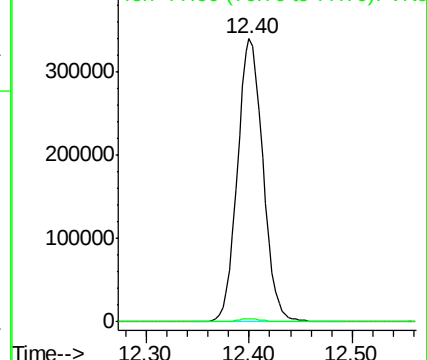
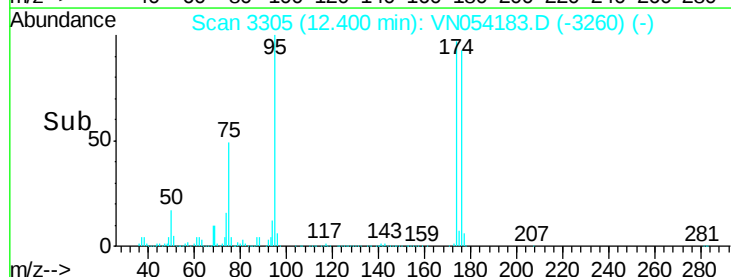
75 100

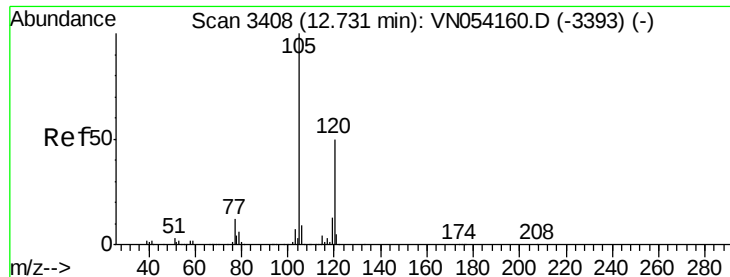
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.263 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

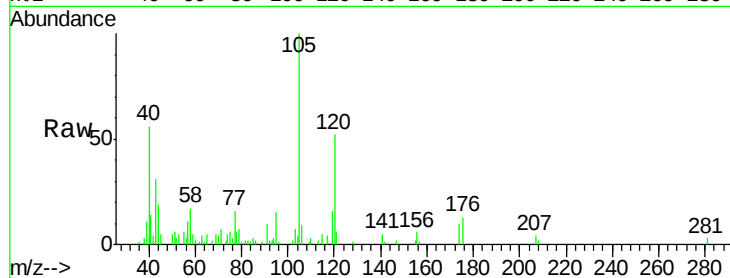
PUMP-PC

Tot Ion:105 Resp: 21376

Ion Ratio Lower Upper

105 100

120 47.6 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

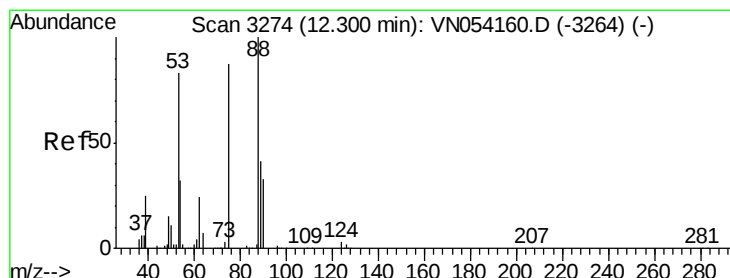
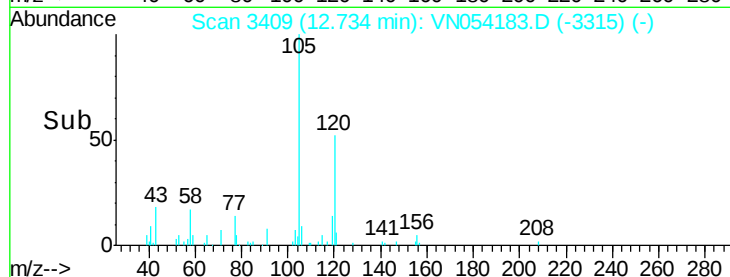
12.73

10000

5000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 111.710 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

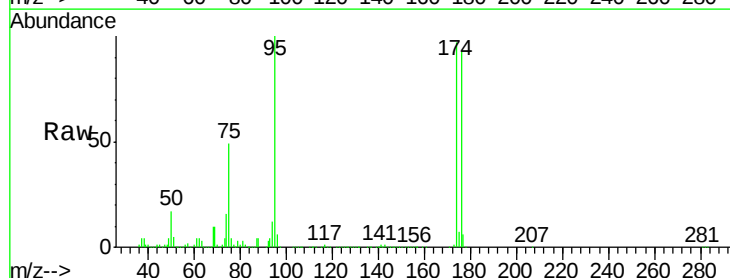
Tgt Ion: 75 Resp: 586225

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): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

12.40

400000

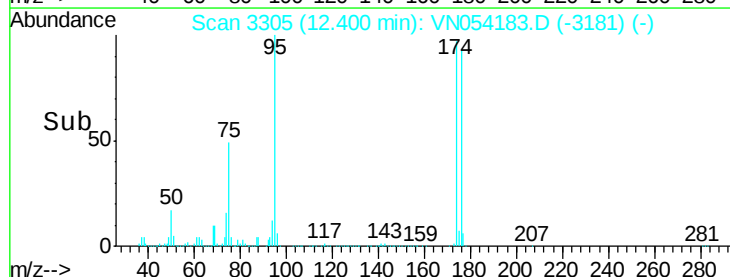
300000

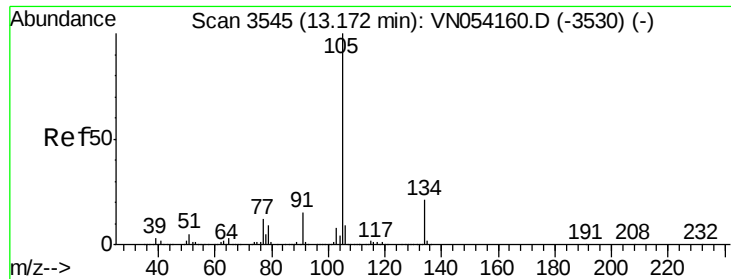
200000

100000

0

Time-->





#85

sec-Butylbenzene

Concen: 2.473 ug/l

RT: 13.06 min Scan# 3511

Delta R.T. -0.11 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

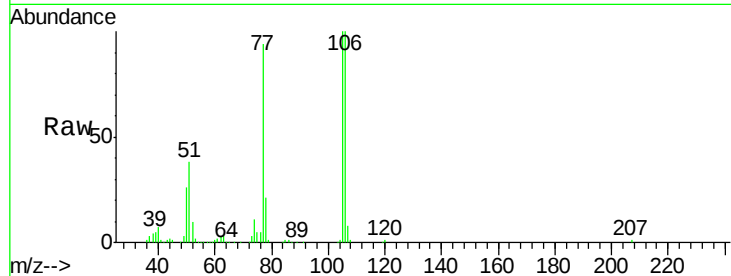
PUMP-PC

Tot Ion:105 Resp: 239691

Ion Ratio Lower Upper

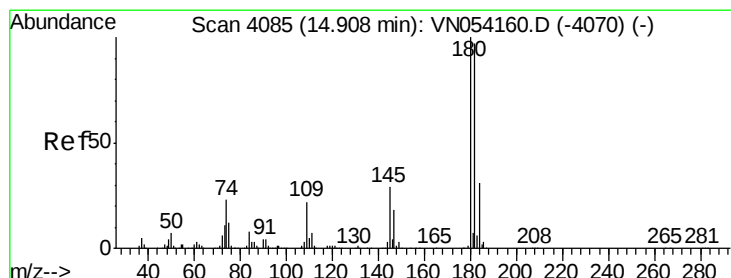
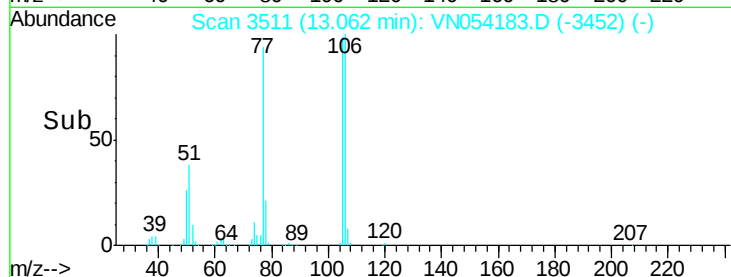
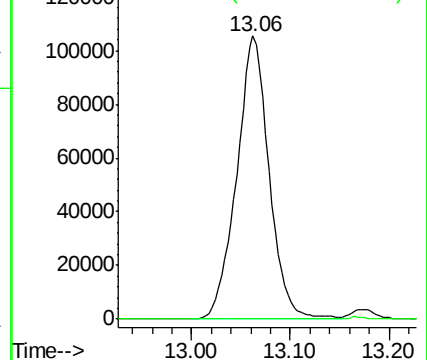
105 100

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



#93

1,2,4-Trichlorobenzene

Concen: 2.676 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

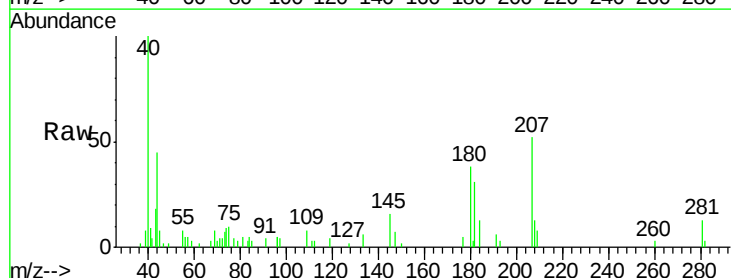
Tgt Ion:180 Resp: 4300

Ion Ratio Lower Upper

180 100

182 95.2 48.0 144.2

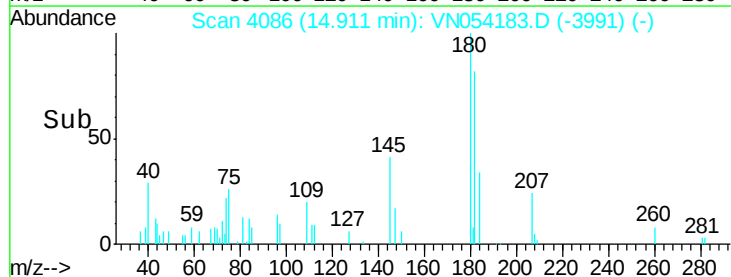
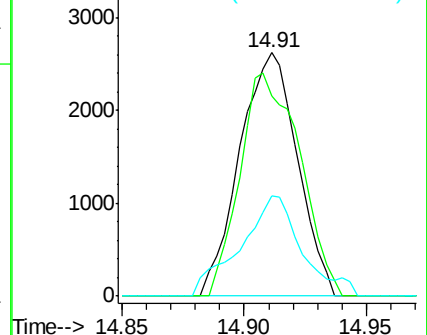
145 44.0 14.2 42.8#

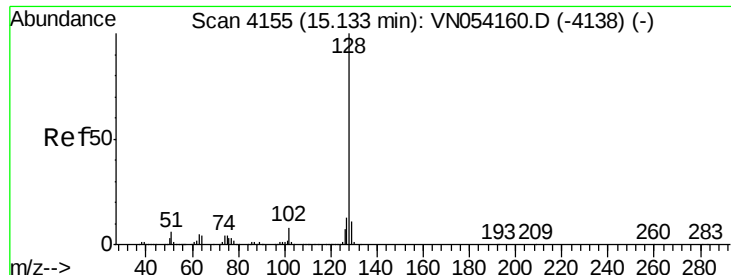


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 4.508 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054183.D

Acq: 13 Mar 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

PUMP-PC

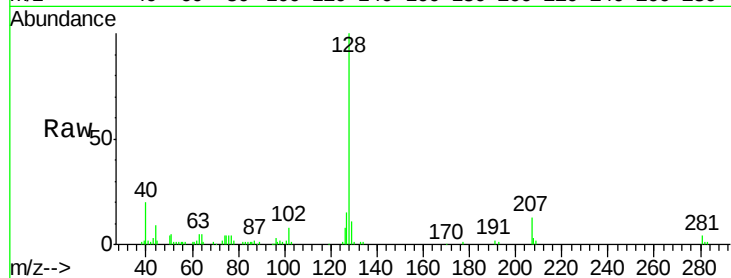
Tot Ion:128 Resp: 59717

Ion Ratio Lower Upper

128 100

127 14.3 10.1 15.1

129 12.4 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

