

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053680.D
 Acq On : 8 Feb 2019 14:37
 Operator : JC/SP
 Sample : K1409-02 10X
 Misc : 6.22g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-08(14-17)ME

Quant Time: Feb 09 02:35:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	905432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1400890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1308187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	619319	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	425605	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	
35) Dibromofluoromethane	7.59	113	421246	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
50) Toluene-d8	10.09	98	1727148	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.40	95	607309	54.79	ug/l	0.00
Spiked Amount			Recovery	=	109.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	71	0.345	ug/l #	42
13) Acrolein	3.57	56	9784	33.429	ug/l #	1
14) Allyl chloride	4.60	41	938516	70.301	ug/l #	60
15) Acrylonitrile	5.06	53	48176	16.601	ug/l #	40
16) Acetone	3.80	43	88961	38.183	ug/l #	50
18) Methyl Acetate	4.59	43	2405238	348.587	ug/l #	51
20) Methylene Chloride	4.54	84	3417	0.350	ug/l #	1
23) Vinyl Acetate	5.85	43	4519	0.264	ug/l #	73
25) 2-Butanone	6.82	43	14795	4.452	ug/l #	47
26) 2,2-Dichloropropane	6.63	77	10953	0.870	ug/l #	51
28) Bromochloromethane	7.38	49	1581	0.221	ug/l #	10
29) Tetrahydrofuran	7.20	42	627	0.294	ug/l #	33
30) Chloroform	7.33	83	27136	1.659	ug/l #	20
31) Cyclohexane	7.64	56	685655	44.617	ug/l #	77
36) 1,1-Dichloropropene	7.66	75	53557	4.241	ug/l #	61
37) Ethyl Acetate	6.82	43	14795	2.098	ug/l #	67
38) Carbon Tetrachloride	7.67	117	73099	5.746	ug/l #	15
39) Methylcyclohexane	9.08	83	856666	57.180	ug/l	99
41) Methacrylonitrile	7.20	41	3114	0.790	ug/l #	1
43) Isopropyl Acetate	8.15	43	132358	9.717	ug/l #	52
47) Bromodichloromethane	9.39	83	28496	2.283	ug/l #	30
48) Methyl methacrylate	9.14	41	74560	11.468	ug/l #	28
51) 4-Methyl-2-Pentanone	10.09	43	23138	3.457	ug/l #	70
52) Toluene	10.16	92	415510	17.978	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	160644	19.289	ug/l #	19
56) Ethyl methacrylate	10.47	69	6156	0.625	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.67	63	1730	8.283	ug/l #	48
59) 2-Hexanone	10.72	43	108514	23.882	ug/l #	28
67) Ethyl Benzene	11.51	91	2854307	62.531	ug/l	100
68) m/p-Xylenes	11.62	106	2749439	157.820	ug/l	99
69) o-Xylene	11.95	106	777596	46.201	ug/l	99
70) Styrene	11.95	104	41795	1.532	ug/l #	1
73) Isopropylbenzene	12.25	105	335589	7.708	ug/l	100
74) N-ethyl acetate	12.04	43	70703	6.753	ug/l #	53

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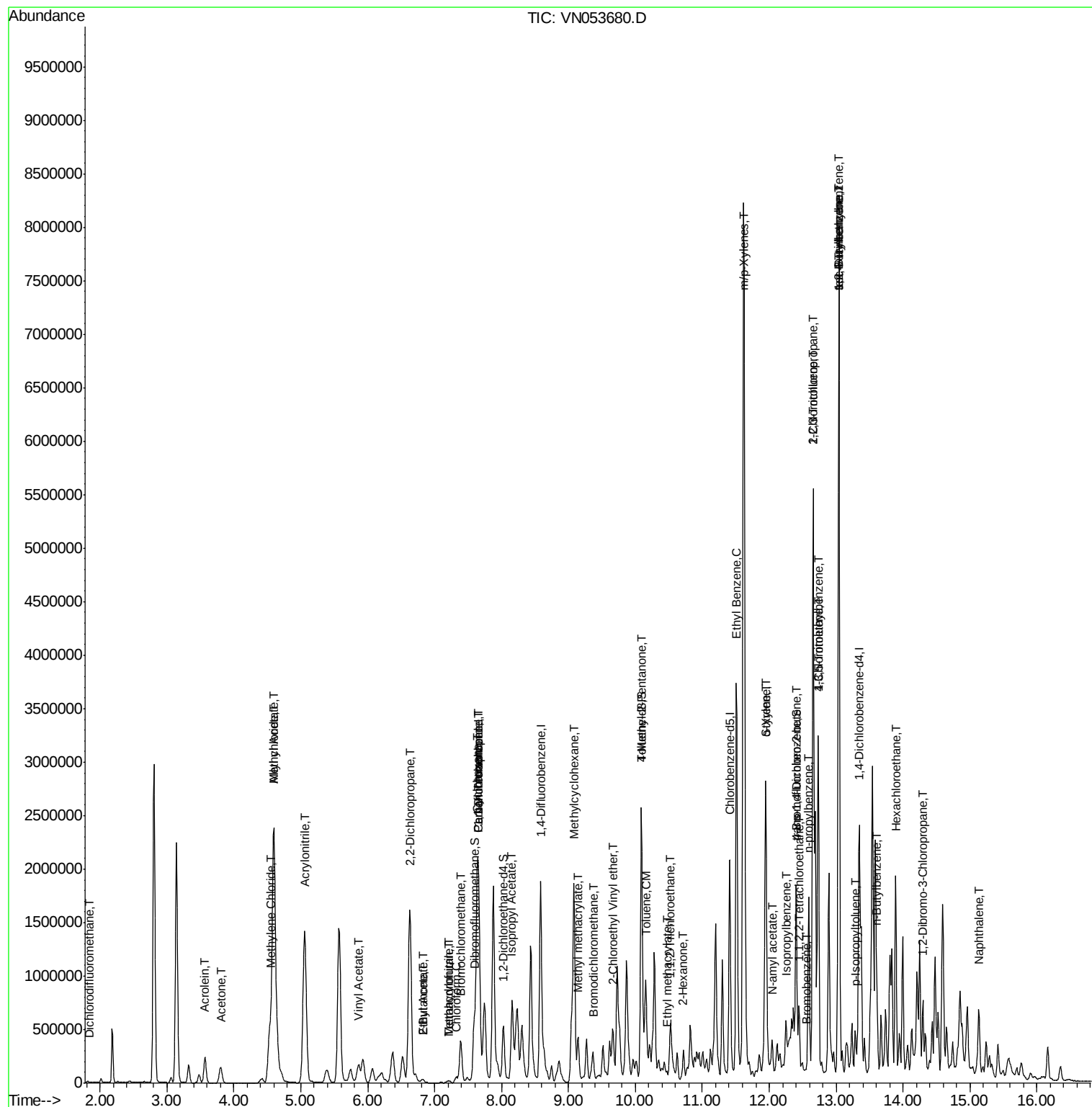
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	12.45	83	6977	0.670	ug/l #	1
76) 1,2,3-Trichloropropane	12.66	75	27825	3.498	ug/l #	100
77) Bromobenzene	12.54	156	10917	0.930	ug/l #	1
78) n-propylbenzene	12.59	91	1356181	26.946	ug/l	100
79) 2-Chlorotoluene	12.65	91	389741	13.052	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	1354433	37.516	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	278245	98.356	ug/l #	15
82) 4-Chlorotoluene	12.73	91	130518	4.260	ug/l #	40
83) tert-Butylbenzene	13.04	119	586227	18.372	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.04	105	4660474	126.704	ug/l	99
85) sec-Butylbenzene	13.04	105	4660474	107.331	ug/l #	56
86) p-Isopropyltoluene	13.29	119	73262	1.929	ug/l	100
89) n-Butylbenzene	13.61	91	311828	9.487	ug/l #	77
90) Hexachloroethane	13.89	117	87600	13.985	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.29	75	2118	1.426	ug/l #	4
95) Naphthalene	15.13	128	494778	19.291	ug/l	99

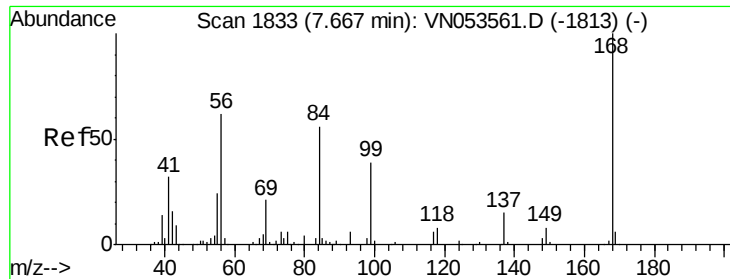
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

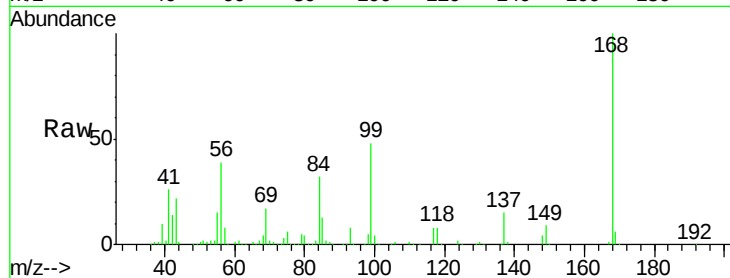
SB-08(14-17)ME

Tot Ion:168 Resp: 905432

Ion Ratio Lower Upper

168 100

99 48.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

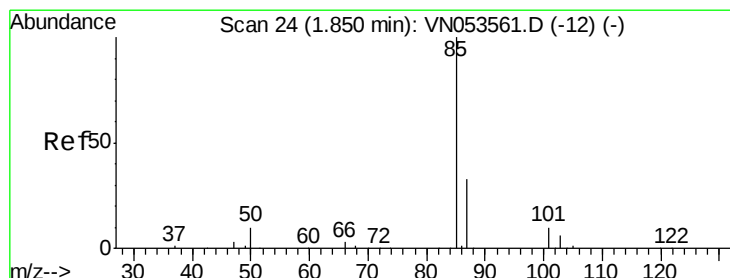
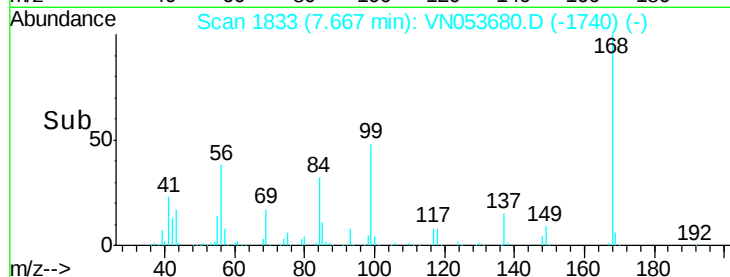
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.345 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053680.D

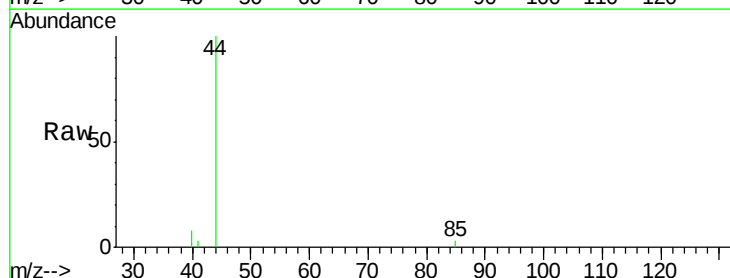
Acq: 8 Feb 2019 14:37

Tgt Ion: 85 Resp: 71

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.5#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

200

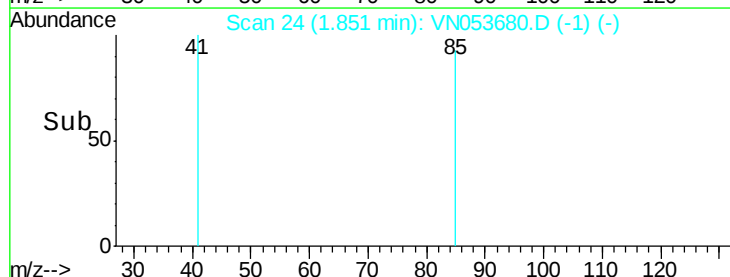
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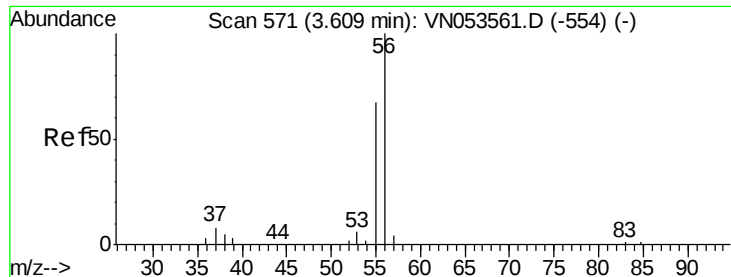
100

50

0

Time-->





#13

Acrolein

Concen: 33.429 ug/l

RT: 3.57 min Scan# 558

Delta R.T. -0.04 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

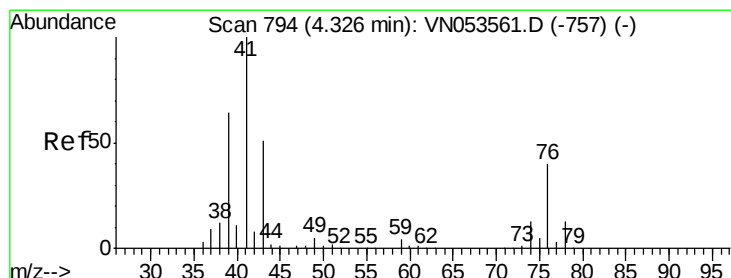
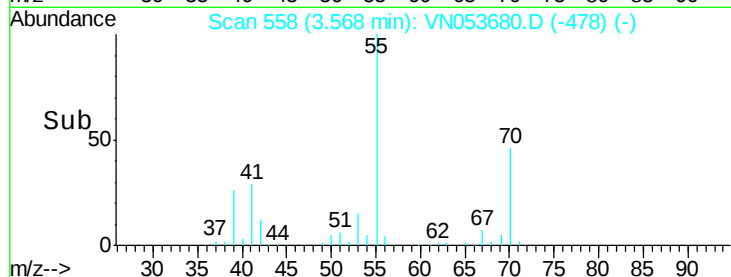
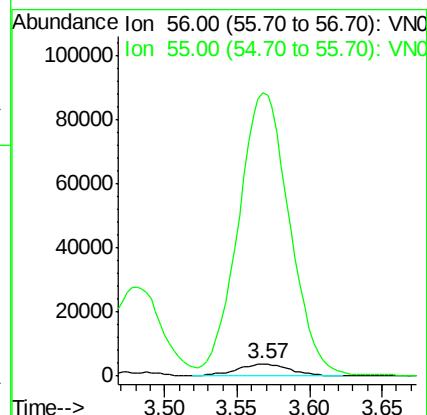
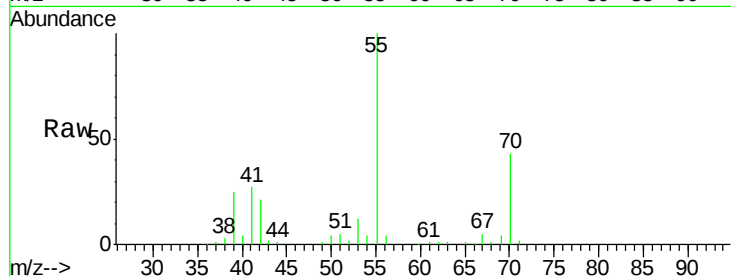
SB-08(14-17)ME

Tot Ion: 56 Resp: 9784

Ion Ratio Lower Upper

56 100

55 2193.2 57.4 86.0#



#14

Allyl chloride

Concen: 70.301 ug/l

RT: 4.60 min Scan# 878

Delta R.T. 0.27 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

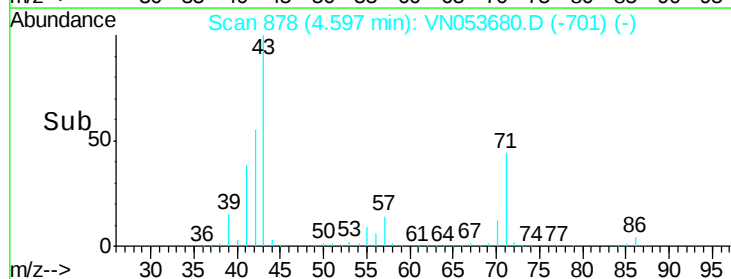
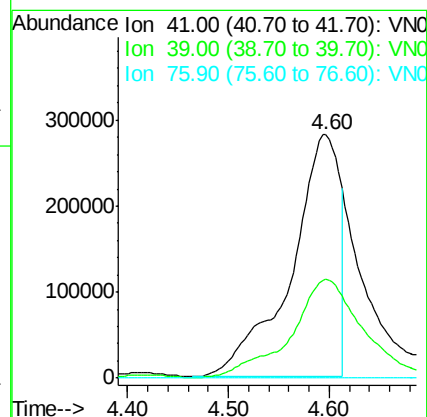
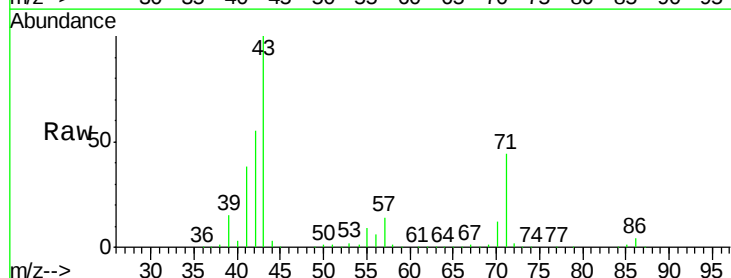
Tgt Ion: 41 Resp: 938516

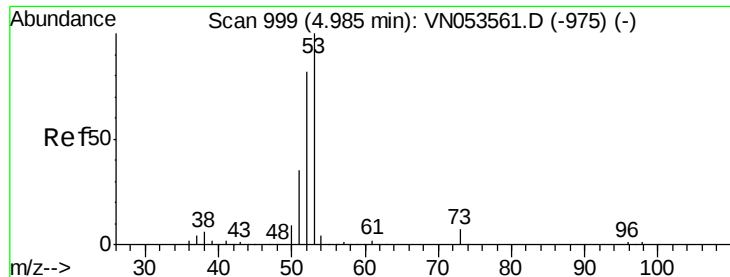
Ion Ratio Lower Upper

41 100

39 41.0 48.9 73.3#

76 0.0 29.4 44.2#





#15

Acrylonitrile

Concen: 16.601 ug/l

RT: 5.06 min Scan# 1021

Delta R.T. 0.07 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

SB-08(14-17)ME

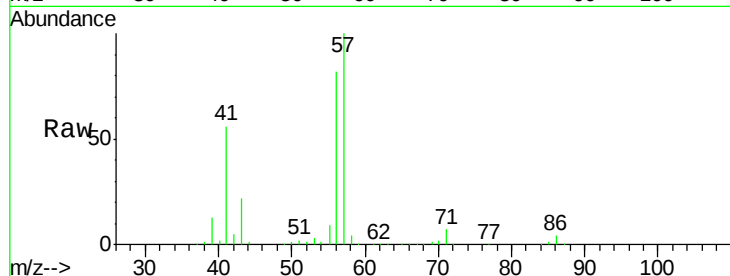
Tot Ion: 53 Resp: 48176

Ion Ratio Lower Upper

53 100

52 19.7 66.0 99.0#

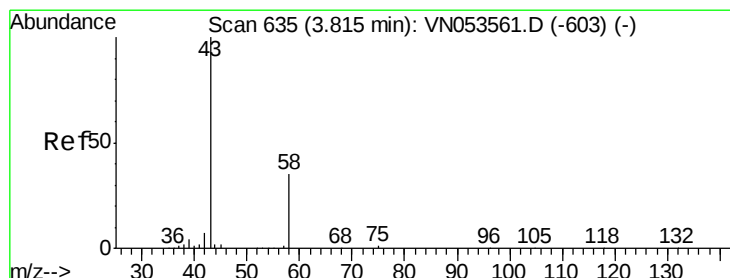
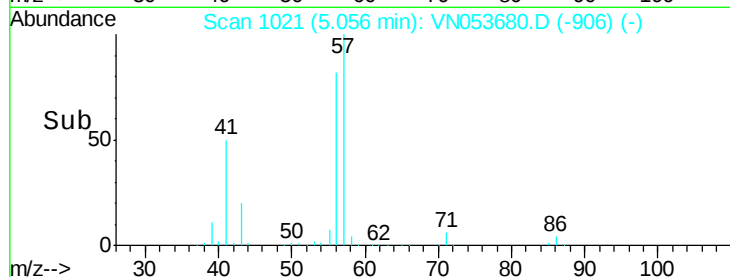
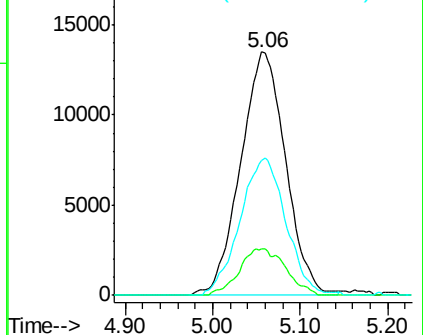
51 57.2 28.3 42.5#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 38.183 ug/l

RT: 3.80 min Scan# 630

Delta R.T. -0.02 min

Lab File: VN053680.D

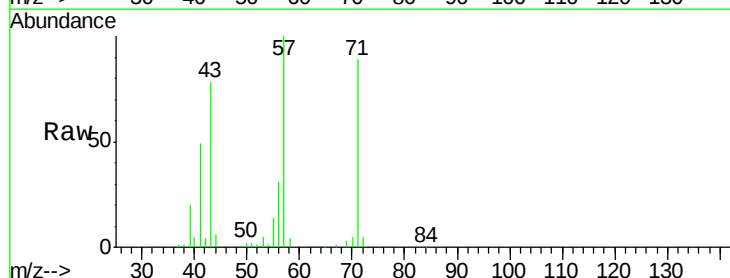
Acq: 8 Feb 2019 14:37

Tgt Ion: 43 Resp: 88961

Ion Ratio Lower Upper

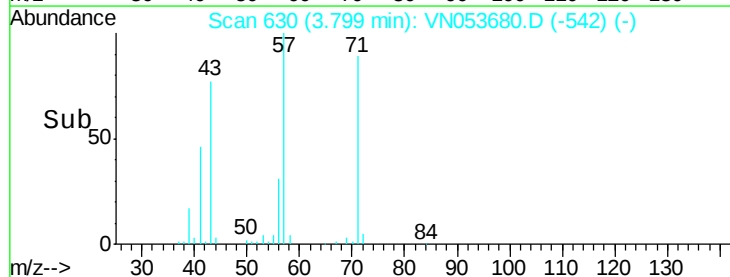
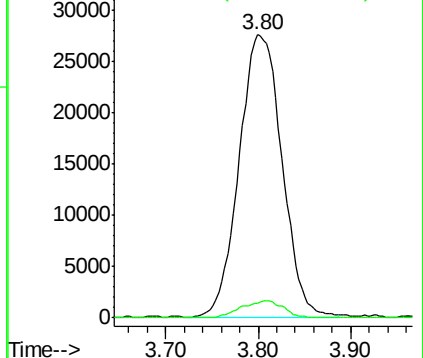
43 100

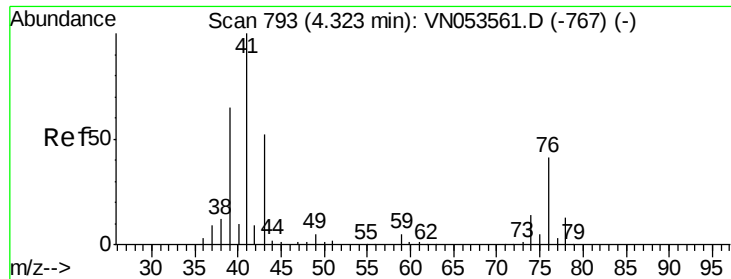
58 5.4 27.1 40.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methyl Acetate

Concen: 348.587 ug/l

RT: 4.59 min Scan# 877

Delta R.T. 0.27 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

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ClientSampleId :

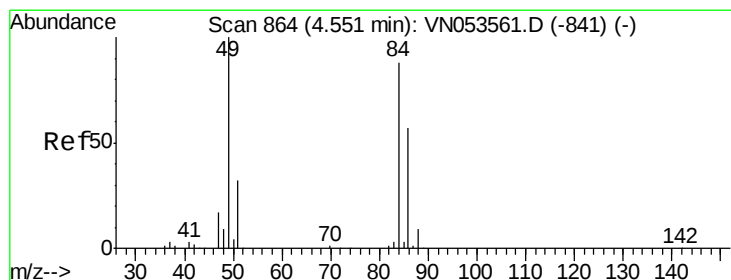
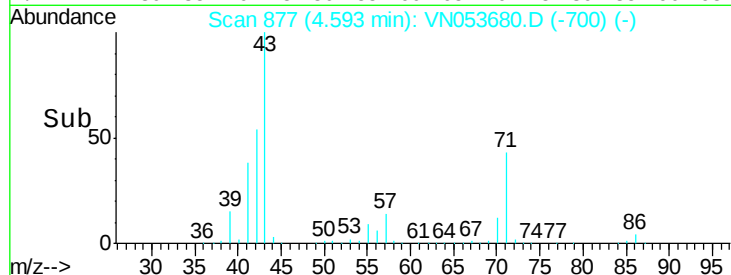
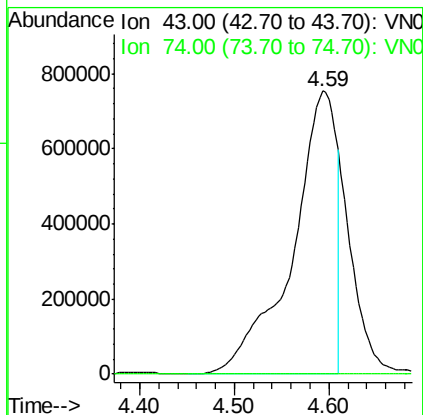
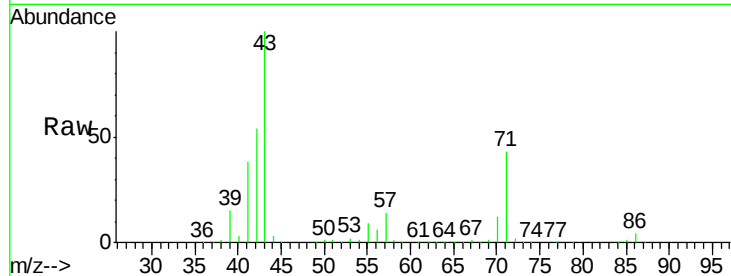
SB-08(14-17)ME

Tot Ion: 43 Resp: 2405238

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#20

Methylene Chloride

Concen: 0.350 ug/l

RT: 4.54 min Scan# 861

Delta R.T. -0.01 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Tgt Ion: 84 Resp: 3417

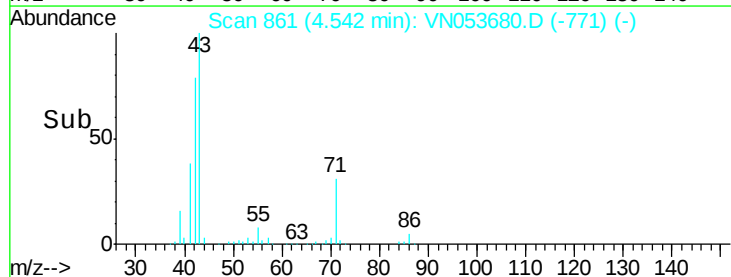
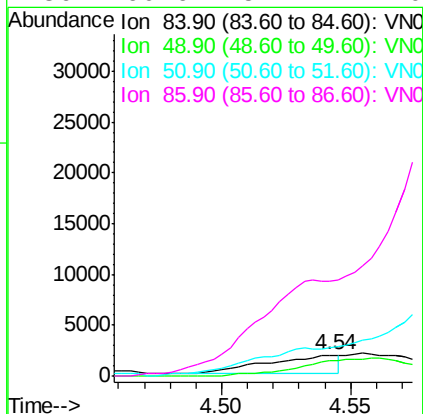
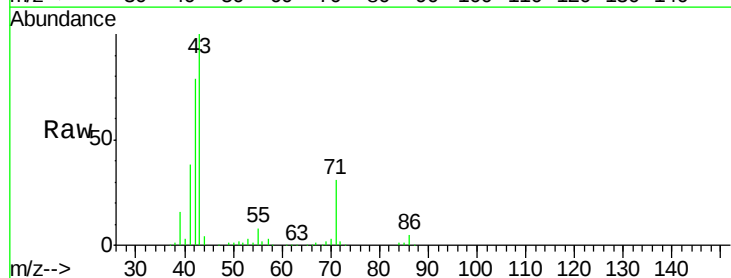
Ion Ratio Lower Upper

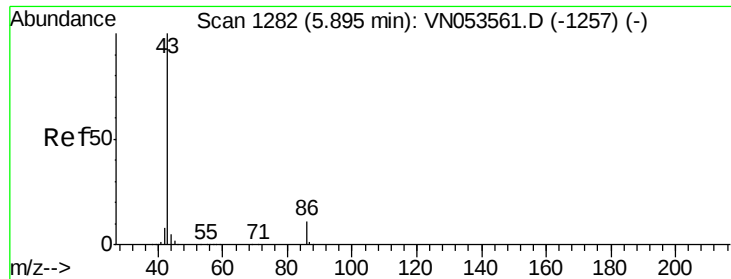
84 100

49 81.0 94.3 141.5#

51 135.8 29.4 44.2#

86 460.6 51.4 77.0#

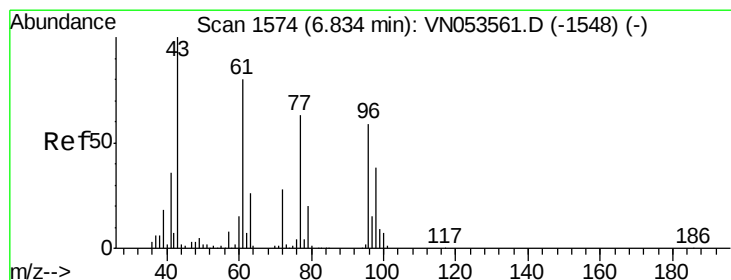
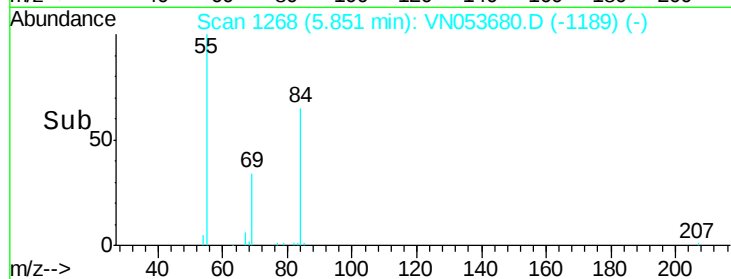
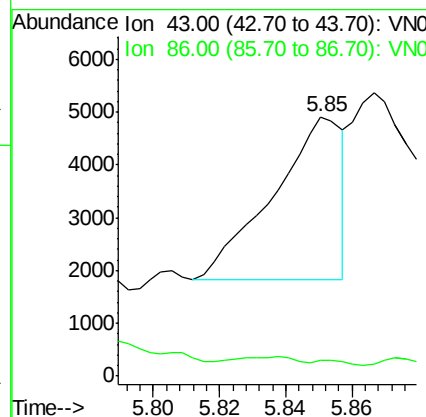
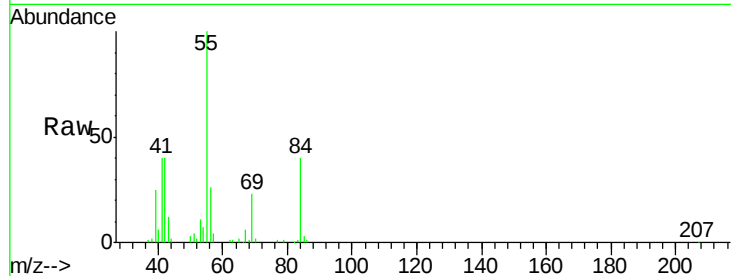




#23
 Vinyl Acetate
 Concen: 0.264 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.04 min
 Lab File: VN053680.D
 Acq: 8 Feb 2019 14:37

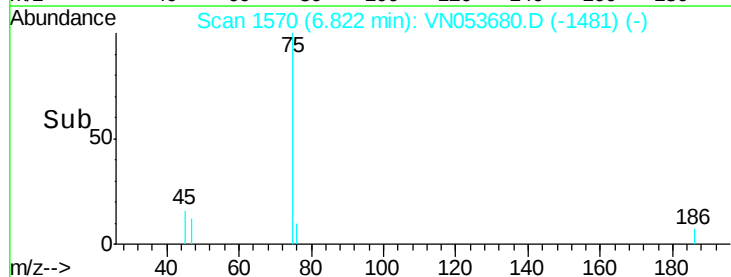
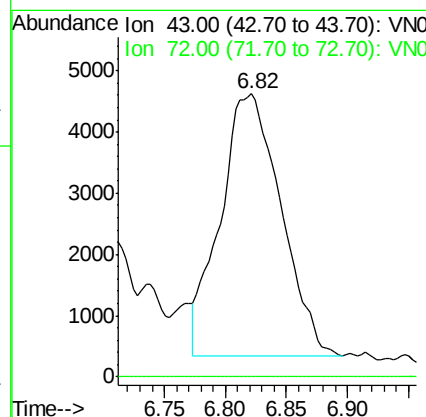
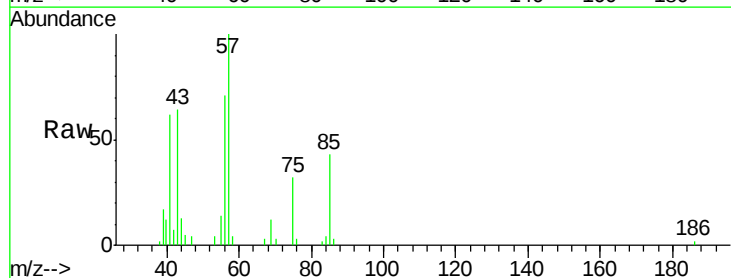
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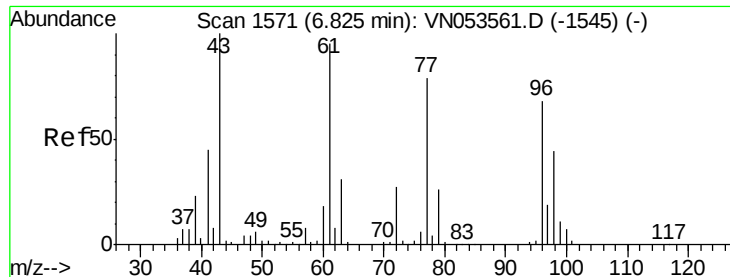
Tot Ion: 43 Resp: 4519
 Ion Ratio Lower Upper
 43 100
 86 0.5 8.4 12.6#



#25
 2-Butanone
 Concen: 4.452 ug/l
 RT: 6.82 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: VN053680.D
 Acq: 8 Feb 2019 14:37

Tgt Ion: 43 Resp: 14795
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.0 33.0#

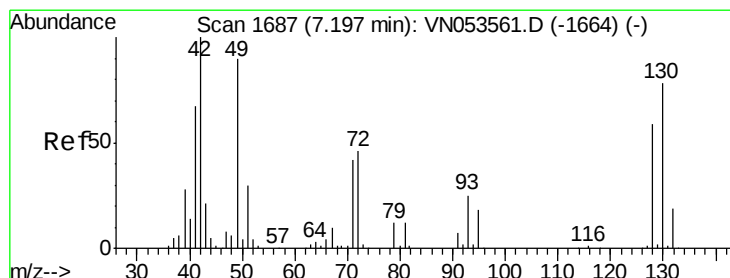
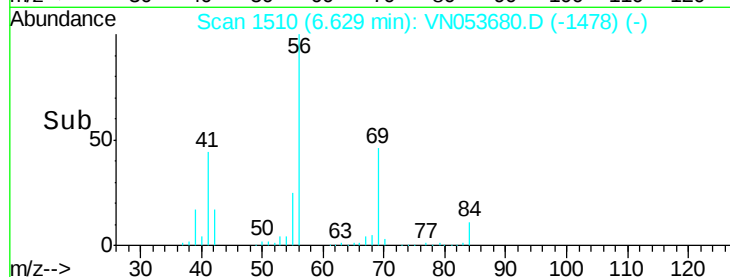
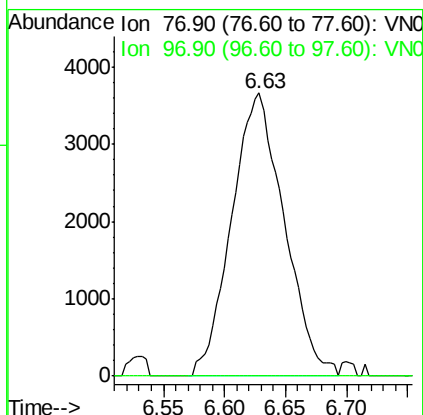
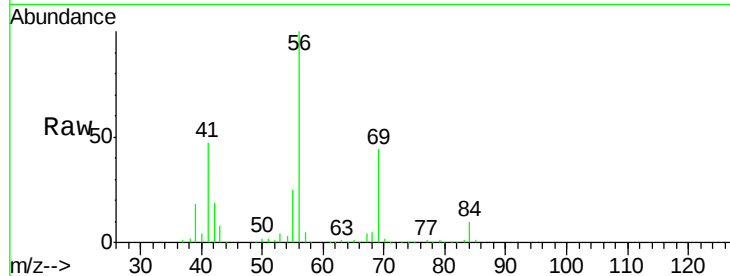




#26
 2,2-Dichloropropane
 Concen: 0.870 ug/l
 RT: 6.63 min Scan# 1510
 Delta R.T. -0.20 min
 Lab File: VN053680.D
 Acq: 8 Feb 2019 14:37

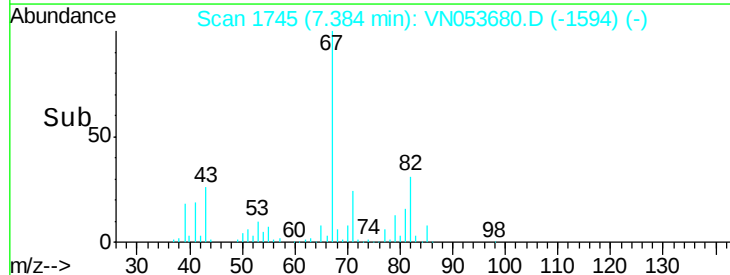
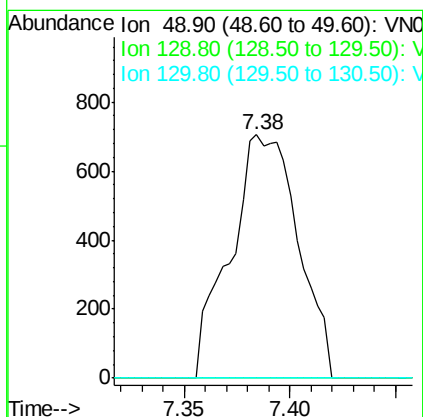
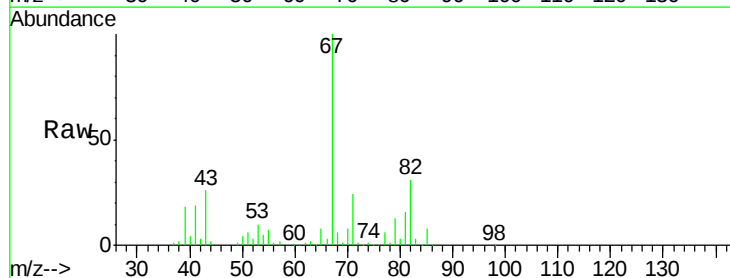
Instrument :
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 ClientSampleId :
 SB-08(14-17)ME

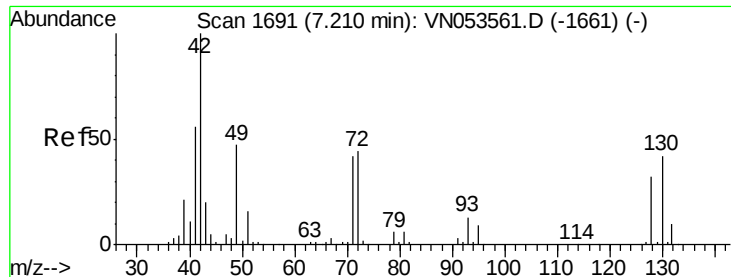
Tot Ion: 77 Resp: 10953
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.2 36.6#



#28
 Bromochloromethane
 Concen: 0.221 ug/l
 RT: 7.38 min Scan# 1745
 Delta R.T. 0.19 min
 Lab File: VN053680.D
 Acq: 8 Feb 2019 14:37

Tgt Ion: 49 Resp: 1581
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 0.0 66.3 99.5#





#29

Tetrahydrofuran

Concen: 0.294 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

SB-08(14-17)ME

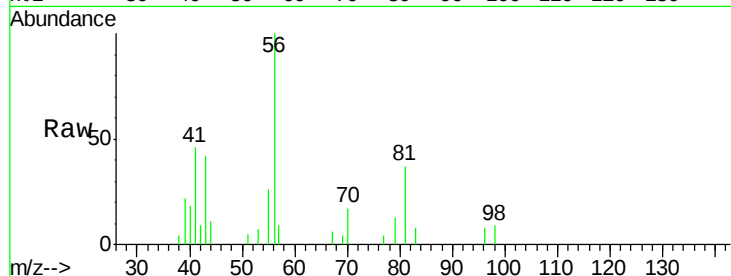
Tot Ion: 42 Resp: 627

Ion Ratio Lower Upper

42 100

72 0.0 35.2 52.8#

71 0.0 33.0 49.4#

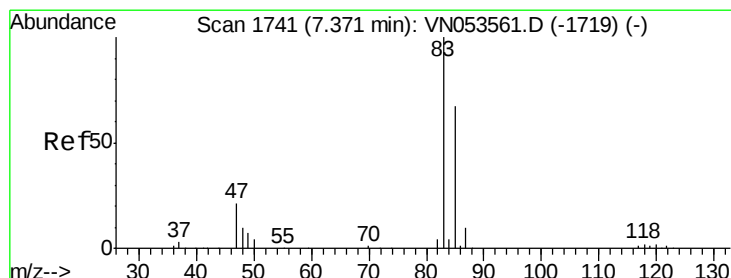
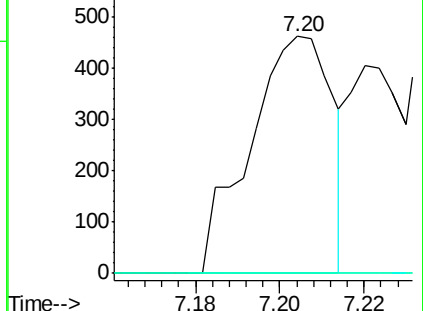
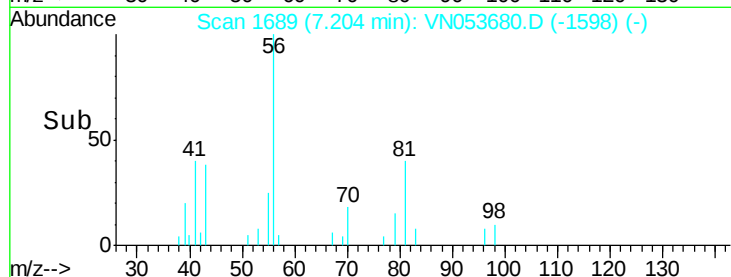


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

Time-->



#30

Chloroform

Concen: 1.659 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. -0.04 min

Lab File: VN053680.D

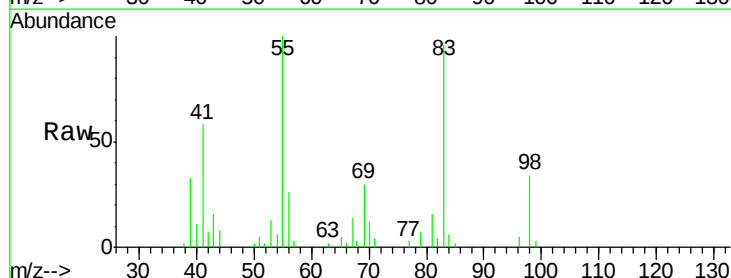
Acq: 8 Feb 2019 14:37

Tgt Ion: 83 Resp: 27136

Ion Ratio Lower Upper

83 100

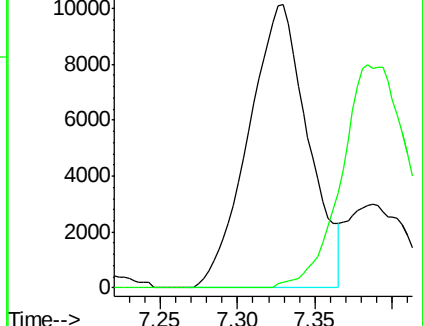
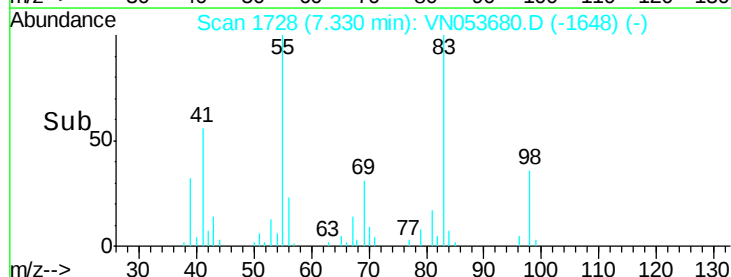
85 2.0 52.2 78.2#

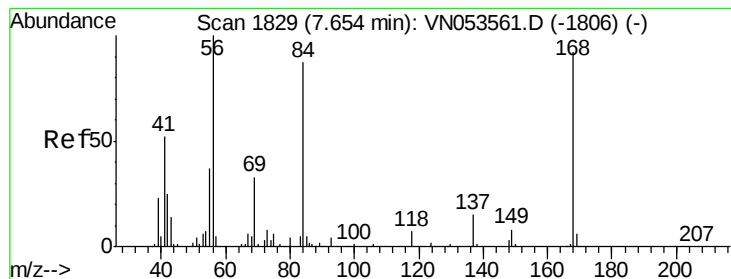


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Time-->





#31

Cvclohexane

Concen: 44.617 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.01 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

SB-08(14-17)ME

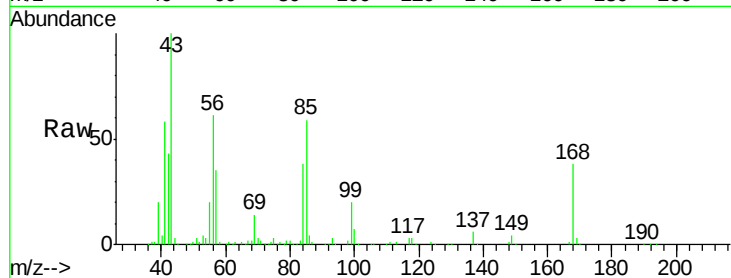
Tot Ion: 56 Resp: 685655

Ion Ratio Lower Upper

56 100

69 21.1 26.4 39.6#

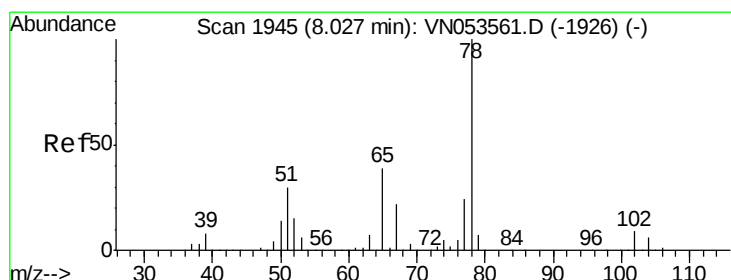
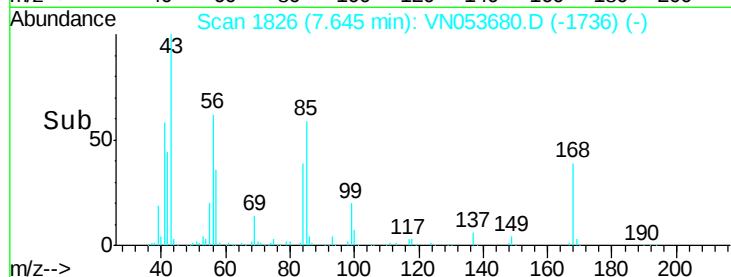
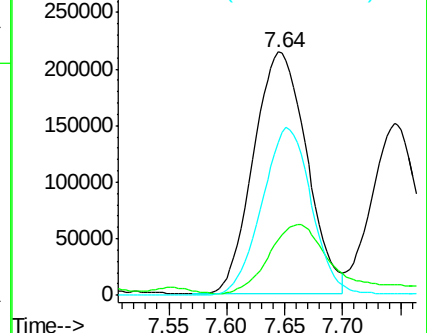
84 63.1 67.9 101.9#



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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053680.D

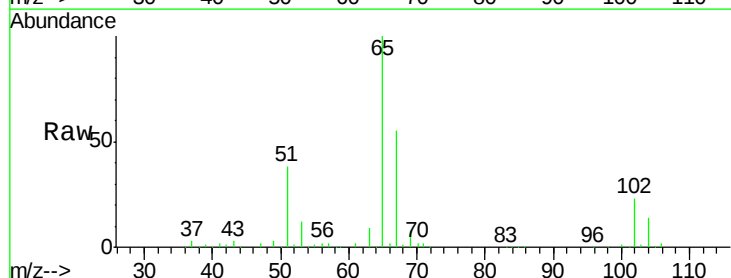
Acq: 8 Feb 2019 14:37

Tgt Ion: 65 Resp: 425605

Ion Ratio Lower Upper

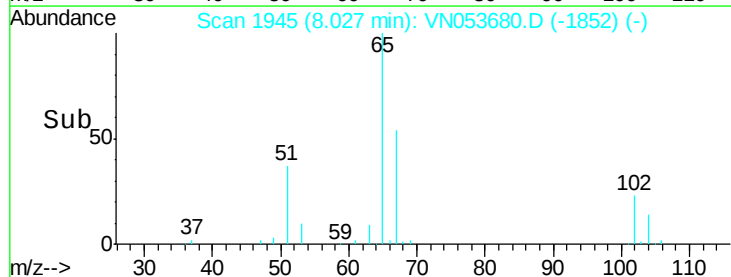
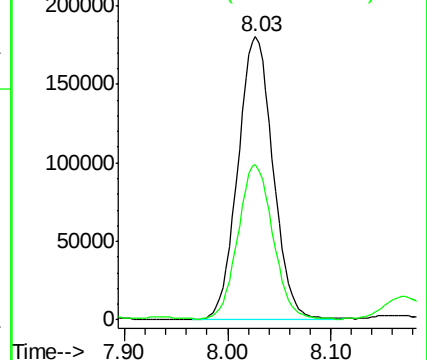
65 100

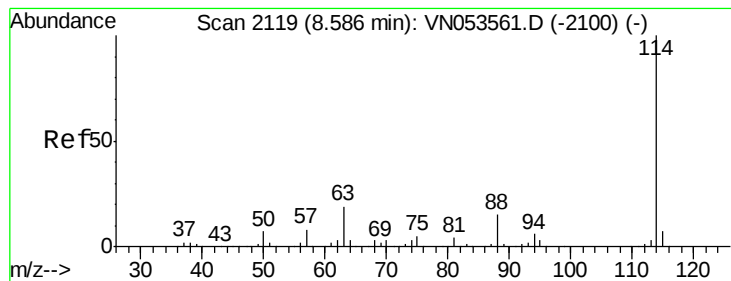
67 54.3 0.0 111.2



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: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

SB-08(14-17)ME

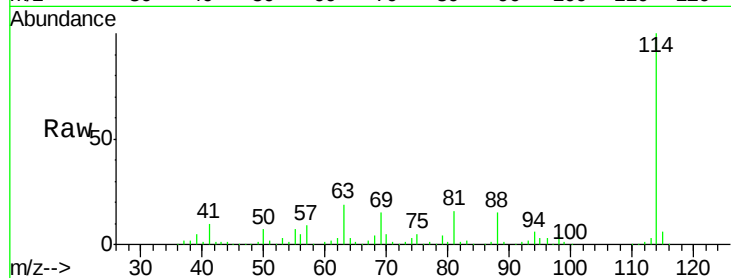
Tot Ion:114 Resp: 1400890

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

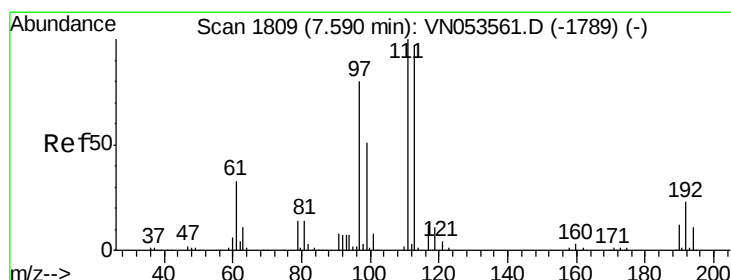
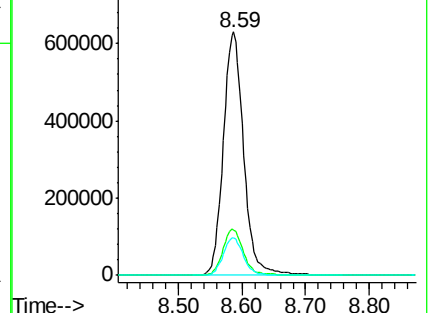
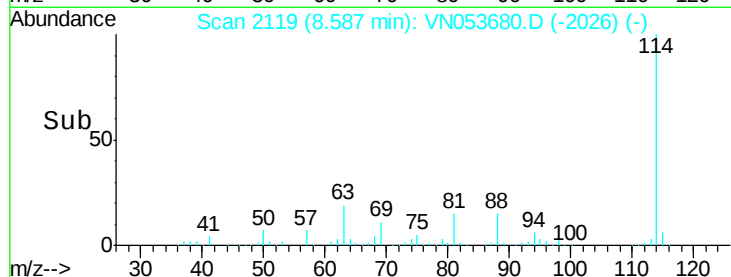
88 15.4 0.0 30.4



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: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

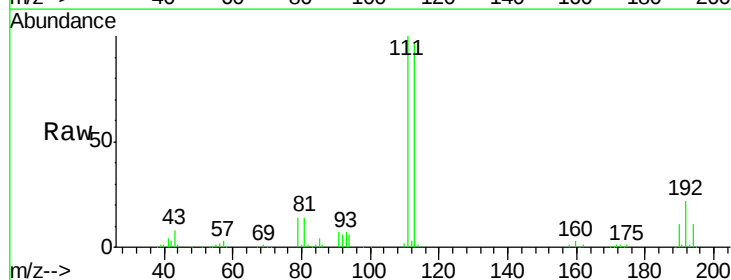
Tgt Ion:113 Resp: 421246

Ion Ratio Lower Upper

113 100

111 103.1 81.1 121.7

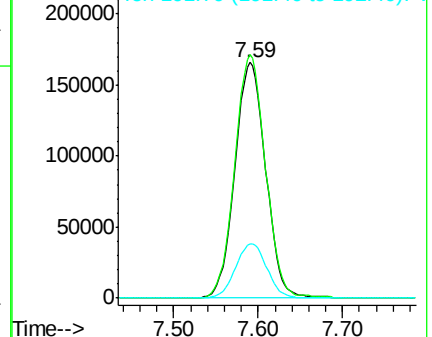
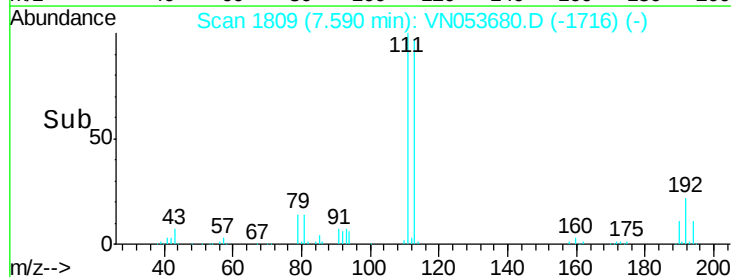
192 23.5 18.2 27.2

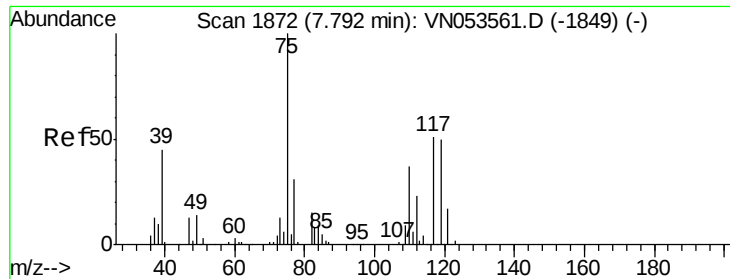


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.241 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

SB-08(14-17)ME

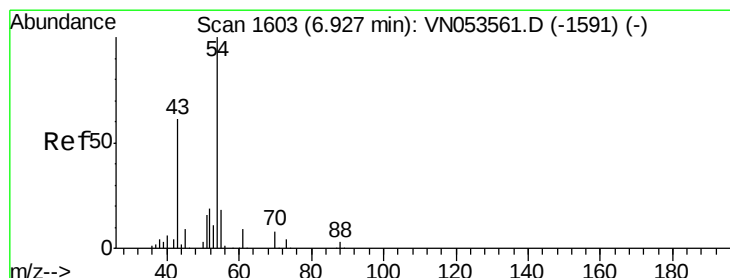
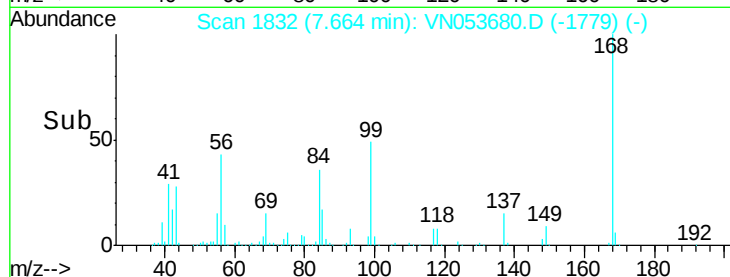
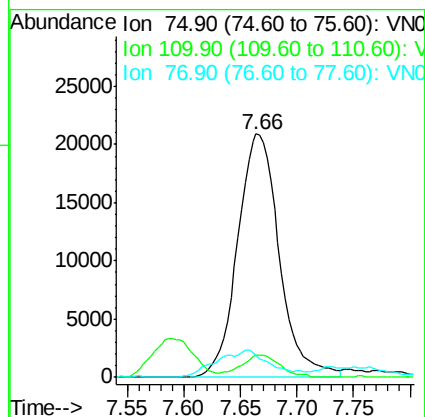
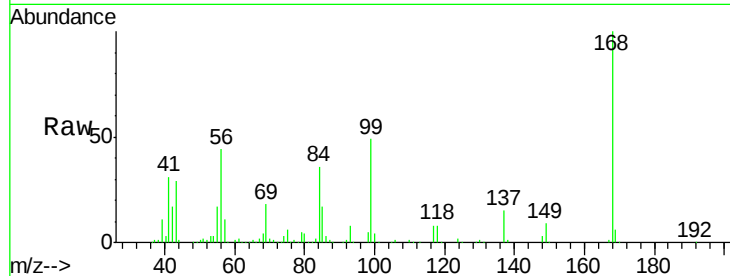
Tot Ion: 75 Resp: 53557

Ion Ratio Lower Upper

75 100

110 8.5 18.1 54.3#

77 14.6 25.1 37.7#



#37

Ethyl Acetate

Concen: 2.098 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.11 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

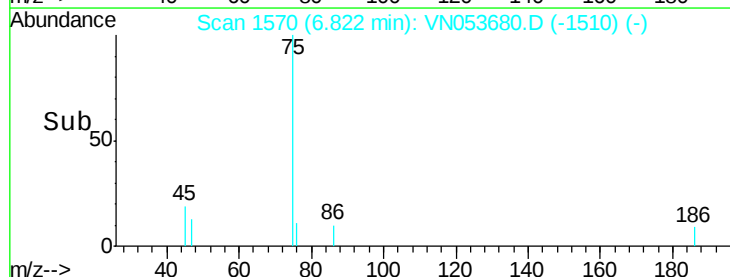
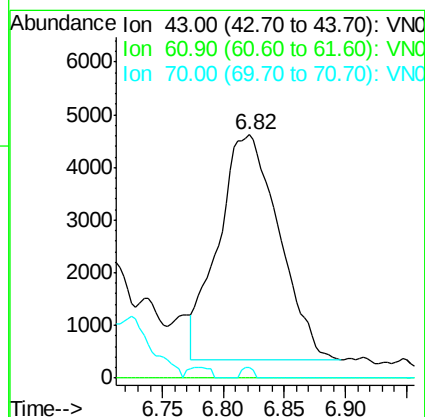
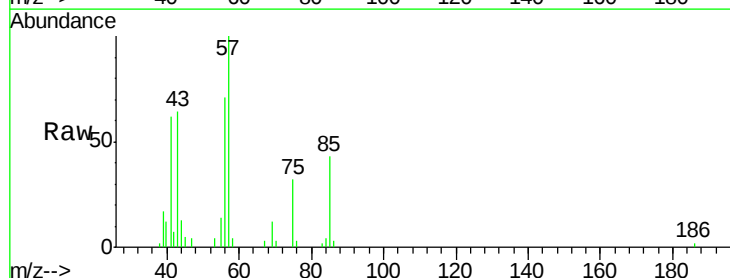
Tgt Ion: 43 Resp: 14795

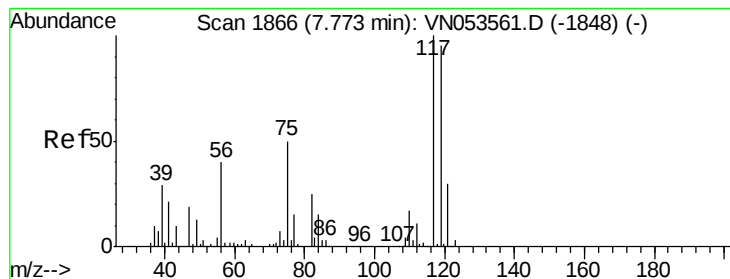
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 8.6 12.8#





#38

Carbon Tetrachloride

Concen: 5.746 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

SB-08(14-17)ME

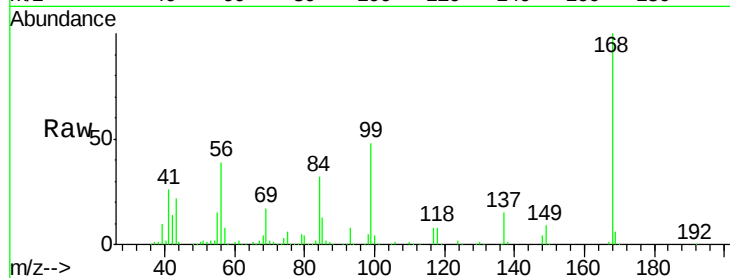
Tot Ion:117 Resp: 73099

Ion Ratio Lower Upper

117 100

119 4.7 77.2 115.8#

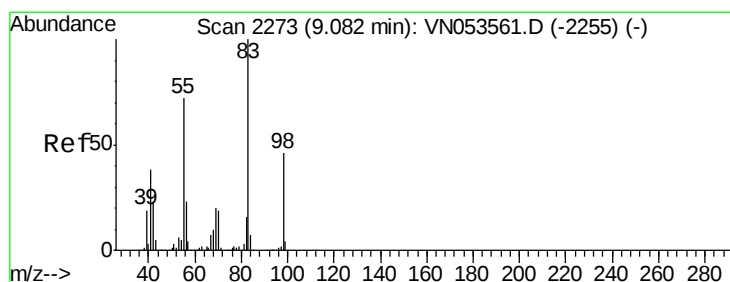
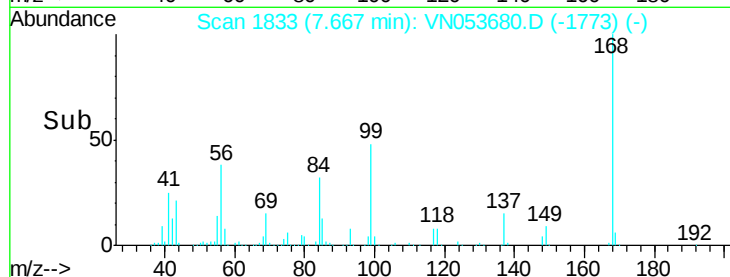
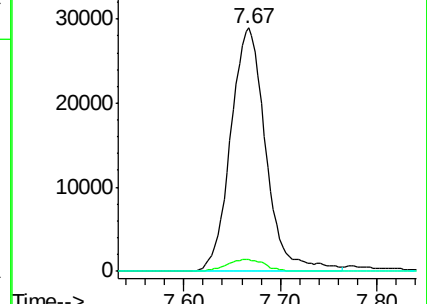
121 0.0 24.6 37.0#



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

Methylcyclohexane

Concen: 57.180 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

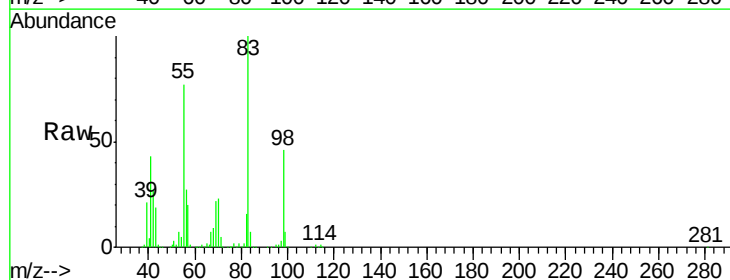
Tgt Ion: 83 Resp: 856666

Ion Ratio Lower Upper

83 100

55 76.8 60.1 90.1

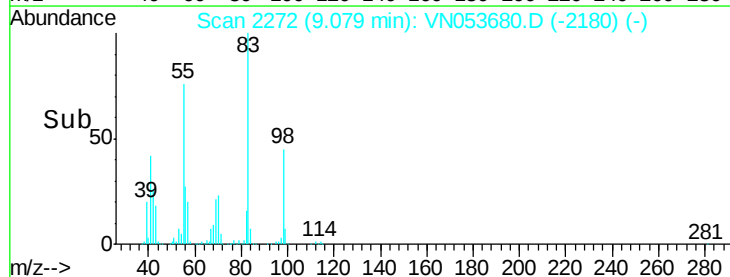
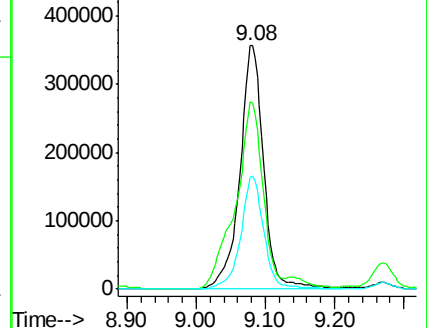
98 45.9 36.6 55.0

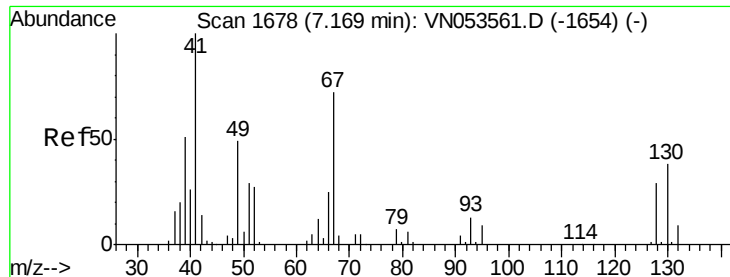


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V

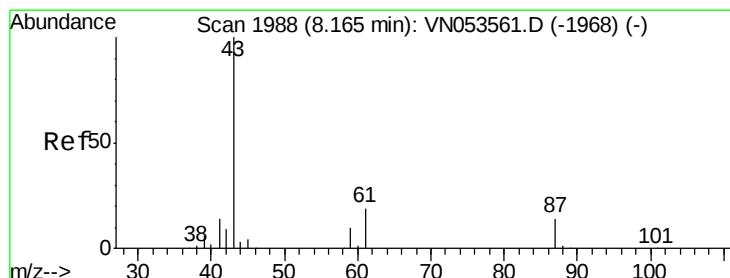
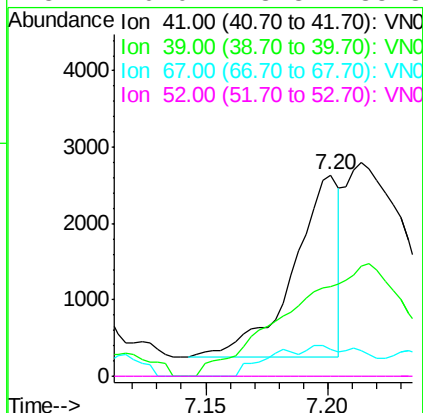
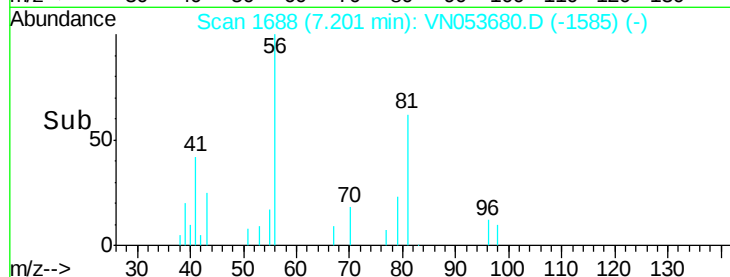
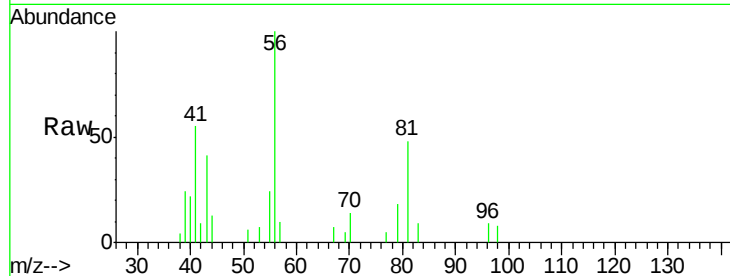




#41
Methacrylonitrile
Concen: 0.790 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.03 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

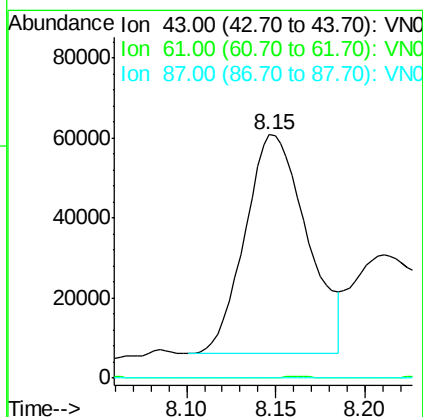
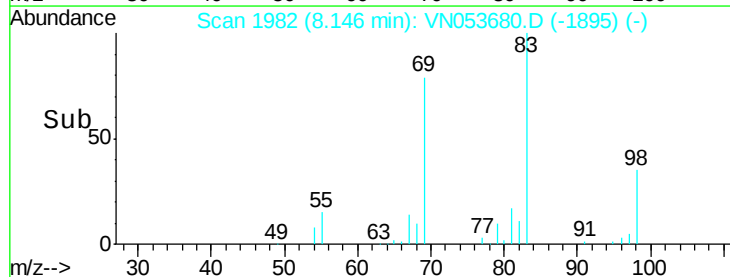
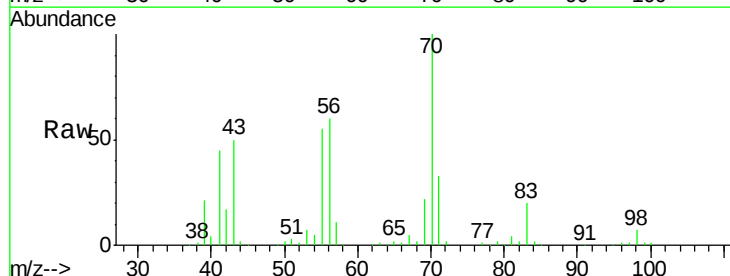
Instrument :
MSVOA_N
ClientSampleId :
SB-08(14-17)ME

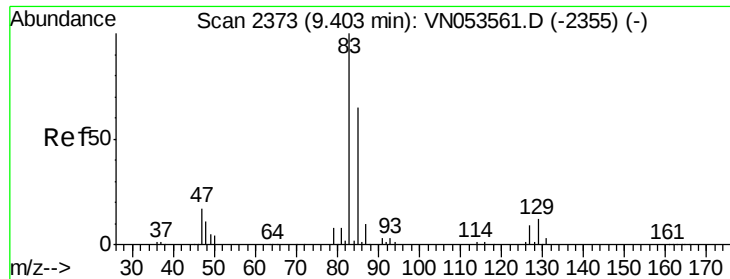
Tot Ion: 41 Resp: 3114
Ion Ratio Lower Upper
41 100
39 160.7 46.8 70.2#
67 0.0 63.0 94.6#
52 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 9.717 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. -0.02 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Tgt Ion: 43 Resp: 132358
Ion Ratio Lower Upper
43 100
61 0.5 23.9 35.9#
87 0.0 11.0 16.6#





#47

Bromodichloromethane

Concen: 2.283 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.02 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

SB-08(14-17)ME

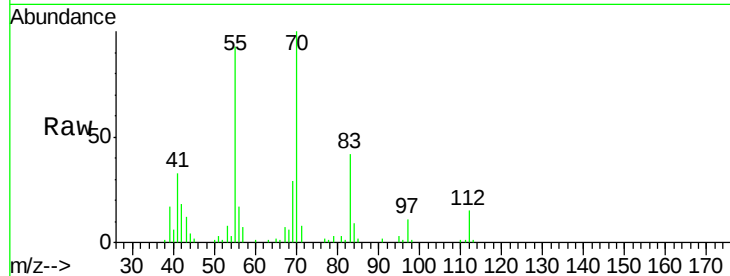
Tot Ion: 83 Resp: 28496

Ion Ratio Lower Upper

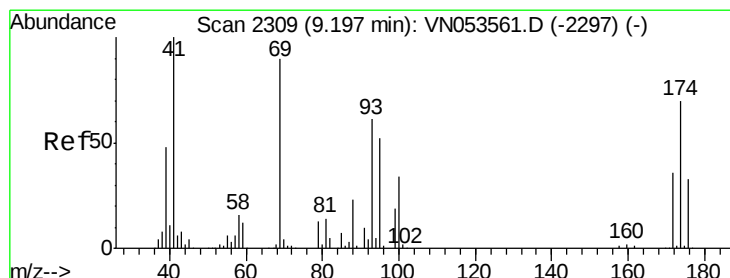
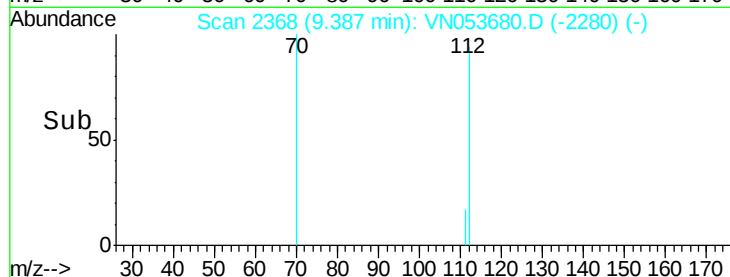
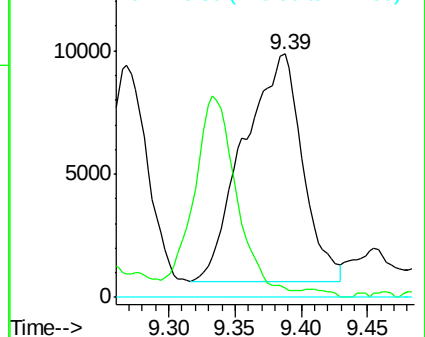
83 100

85 3.9 51.0 76.6#

127 0.0 7.0 10.6#



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 11.468 ug/l

RT: 9.14 min Scan# 2291

Delta R.T. -0.06 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

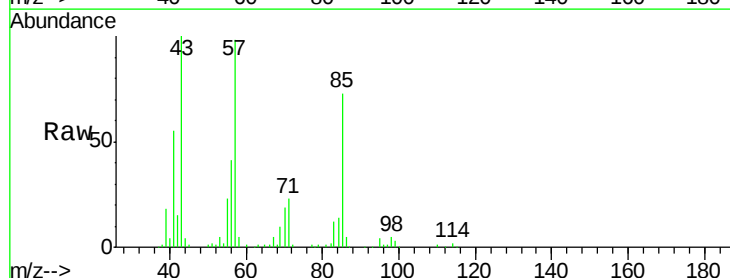
Tgt Ion: 41 Resp: 74560

Ion Ratio Lower Upper

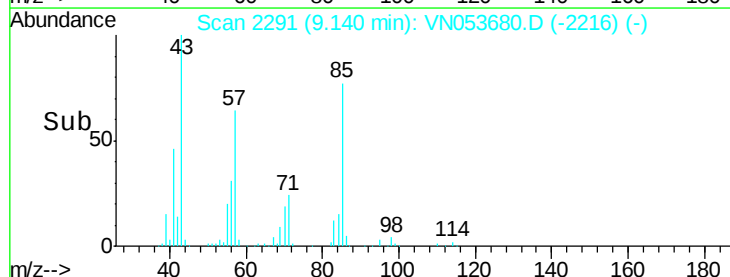
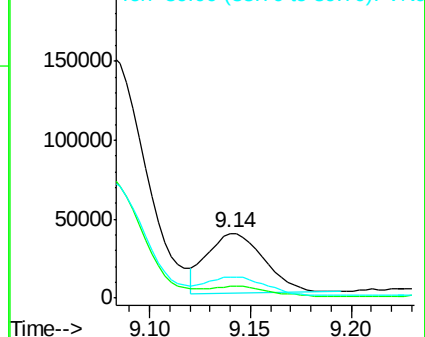
41 100

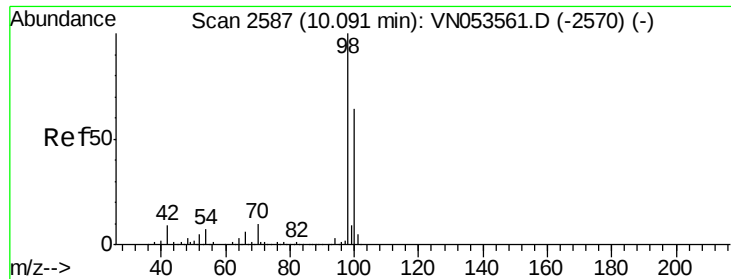
69 0.0 73.8 110.6#

39 32.0 40.0 60.0#



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

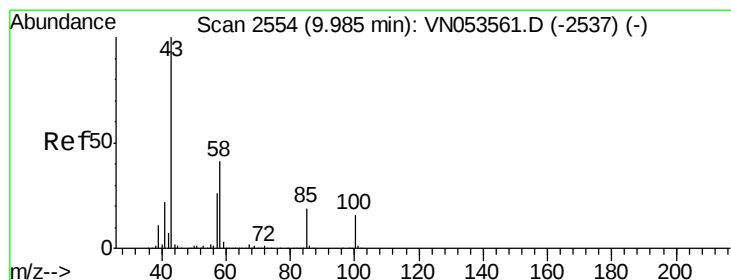
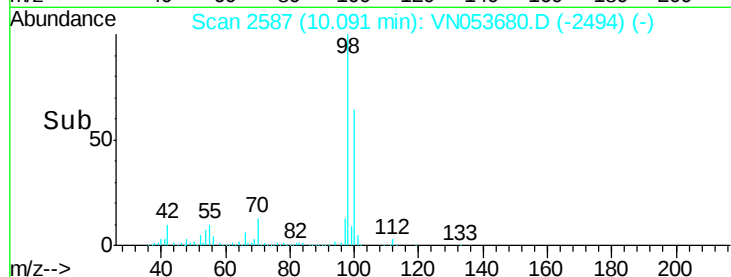
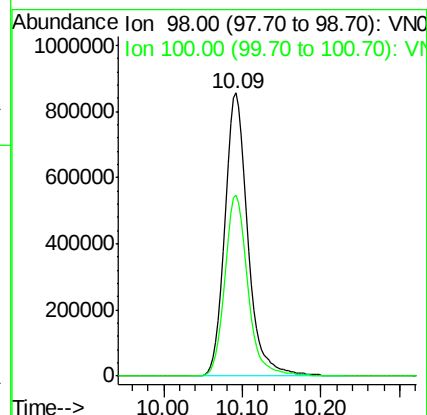
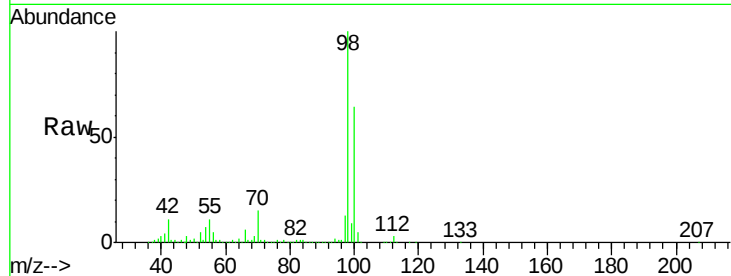
SB-08(14-17)ME

Tot Ion: 98 Resp: 1727148

Ion Ratio Lower Upper

98 100

100 63.8 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 3.457 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.10 min

Lab File: VN053680.D

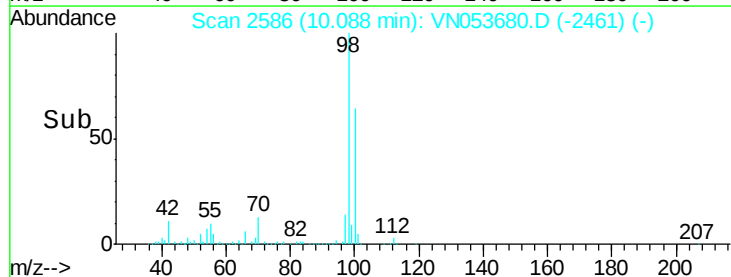
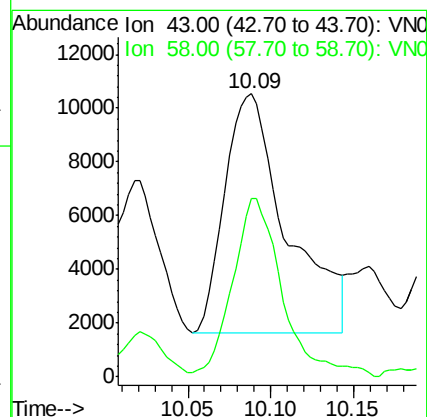
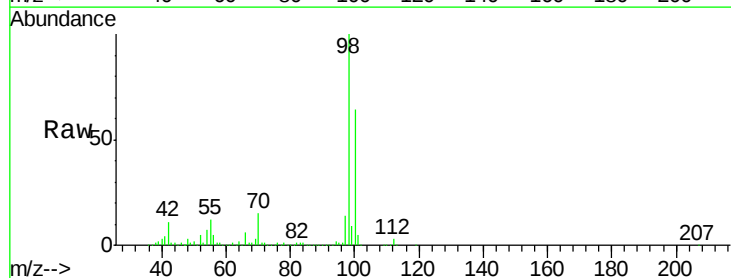
Acq: 8 Feb 2019 14:37

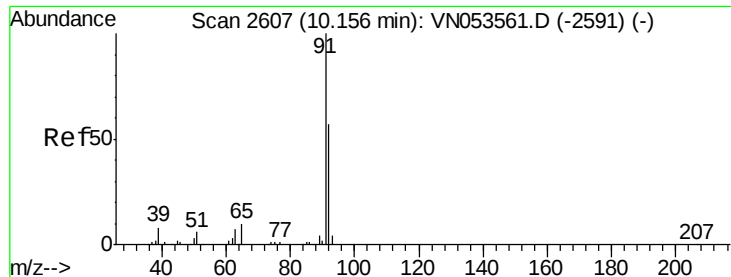
Tgt Ion: 43 Resp: 23138

Ion Ratio Lower Upper

43 100

58 60.0 32.8 49.2#





#52

Toluene

Concen: 17.978 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

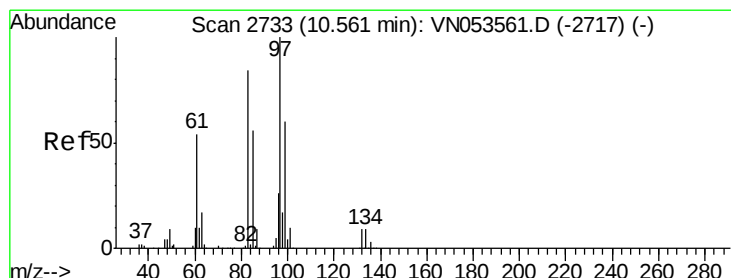
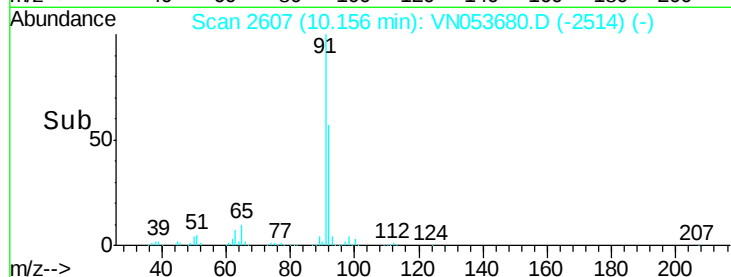
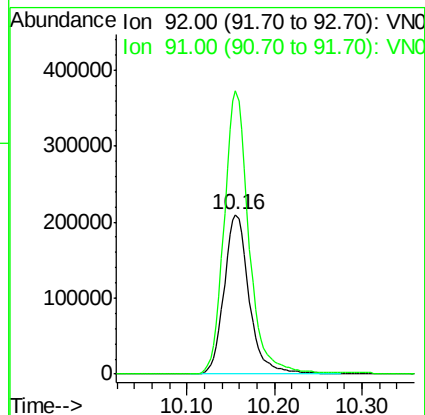
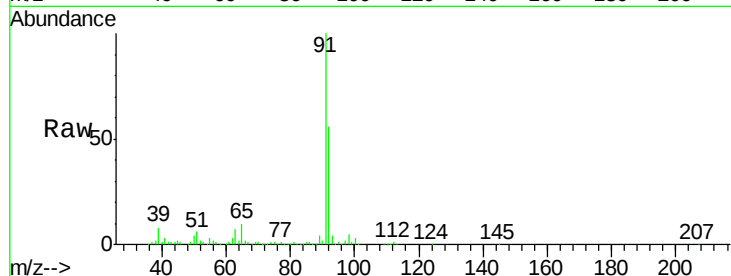
SB-08(14-17)ME

Tot Ion: 92 Resp: 415510

Ion Ratio Lower Upper

92 100

91 174.8 139.9 209.9



#55

1,1,2-Trichloroethane

Concen: 19.289 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Tgt Ion: 97 Resp: 160644

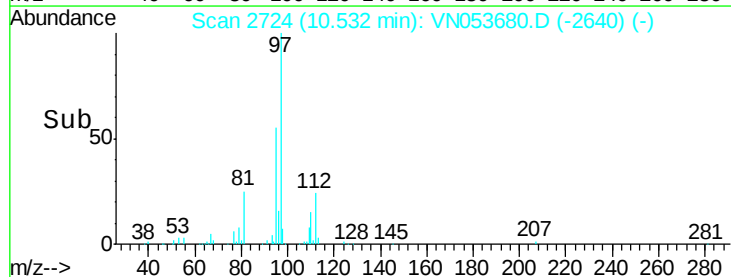
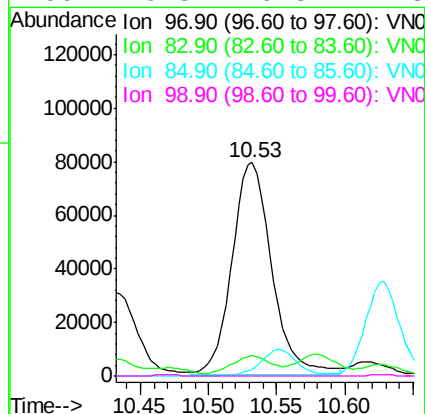
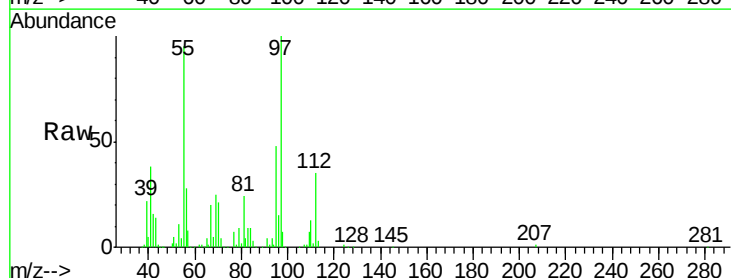
Ion Ratio Lower Upper

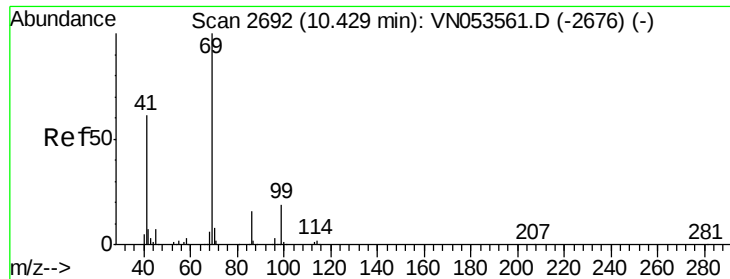
97 100

83 7.3 70.1 105.1#

85 3.4 45.4 68.0#

99 0.3 49.8 74.8#

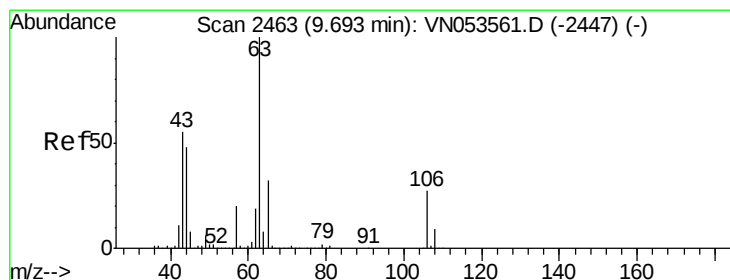
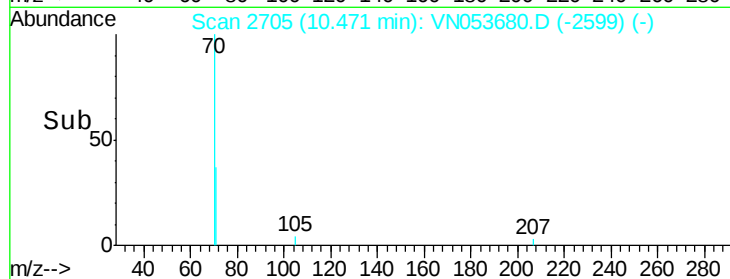
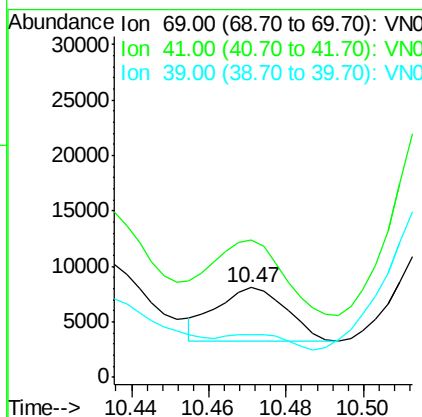
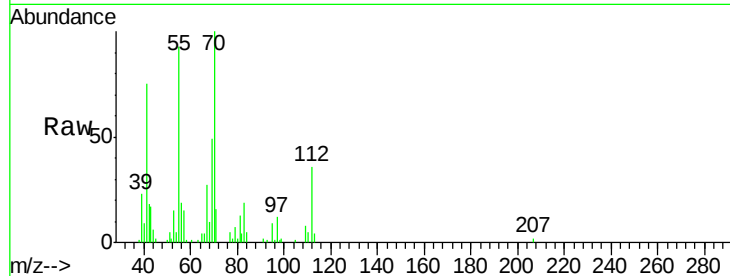




#56
Ethyl methacrylate
Concen: 0.625 ug/l
RT: 10.47 min Scan# 2705
Delta R.T. 0.04 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

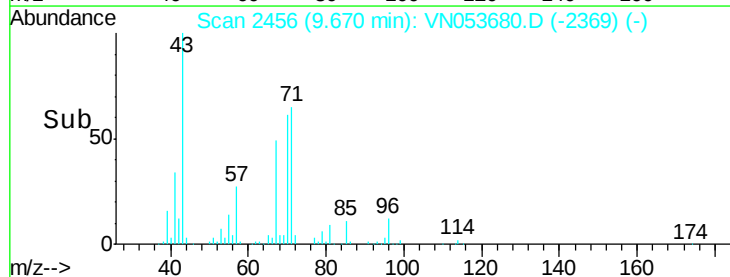
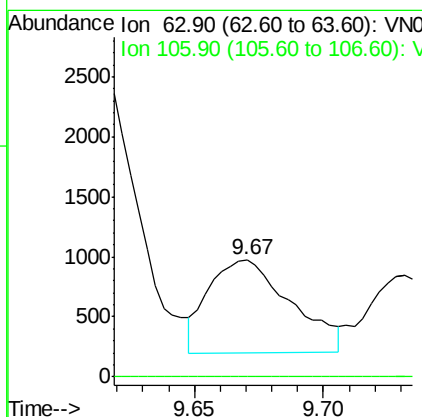
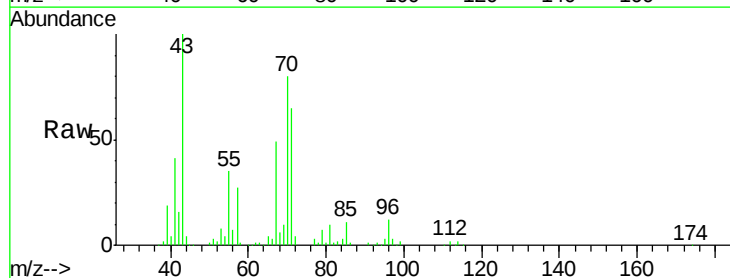
Instrument :
MSVOA_N
ClientSampleId :
SB-08(14-17)ME

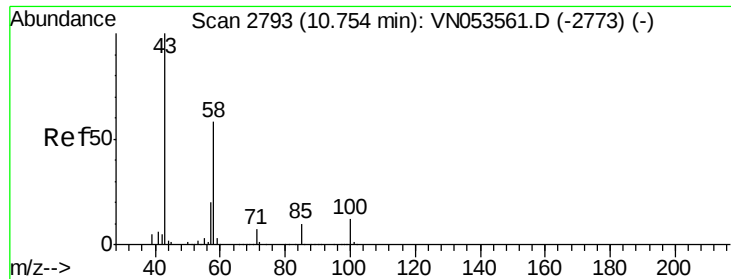
Tot Ion: 69 Resp: 6156
Ion Ratio Lower Upper
69 100
41 136.4 49.4 74.0#
39 0.0 23.3 34.9#



#58
2-Chloroethyl Vinyl ether
Concen: 8.283 ug/l
RT: 9.67 min Scan# 2456
Delta R.T. -0.02 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Tgt Ion: 63 Resp: 1730
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

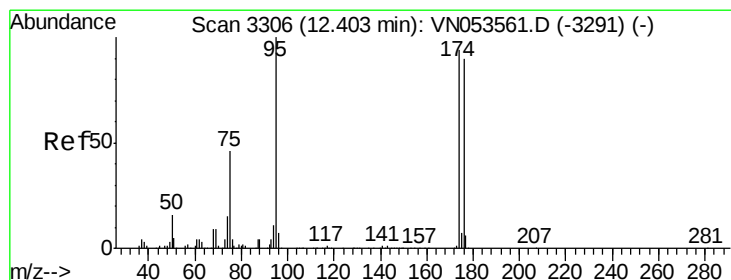
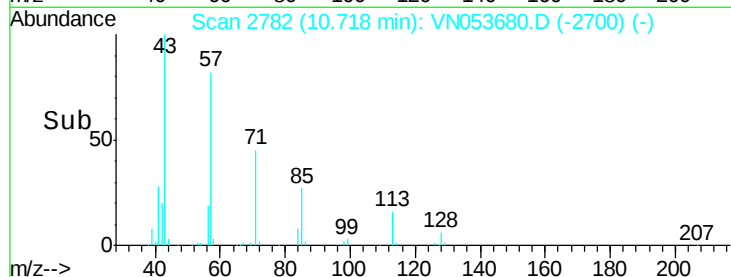
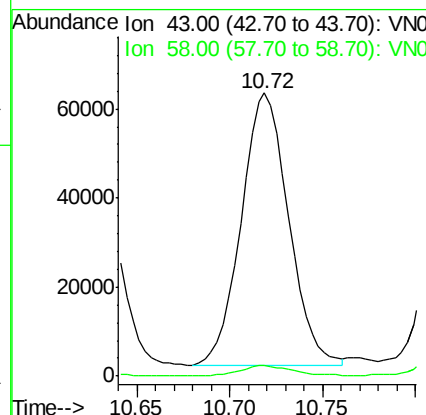
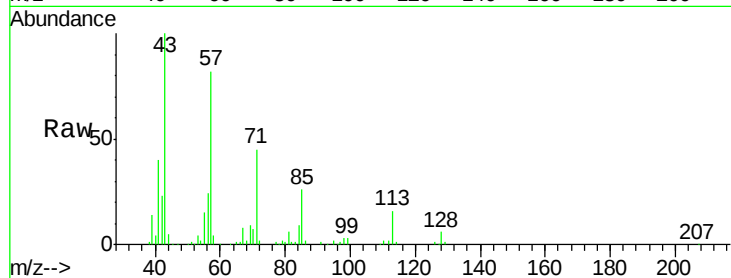




#59
2-Hexanone
Concen: 23.882 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.04 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

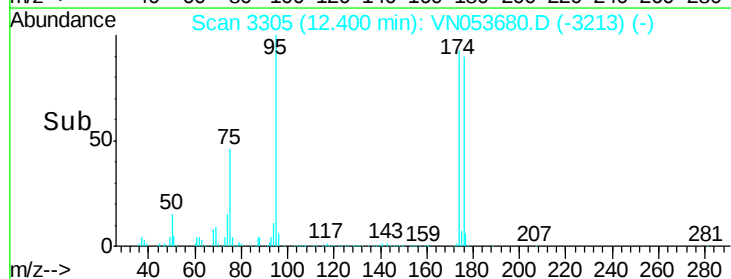
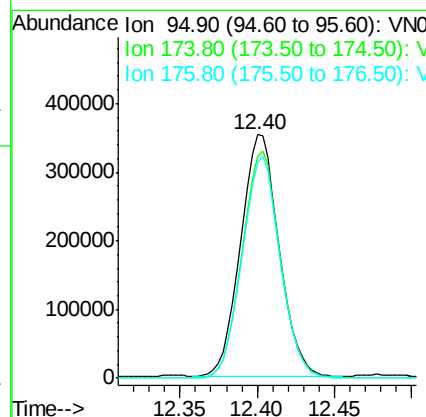
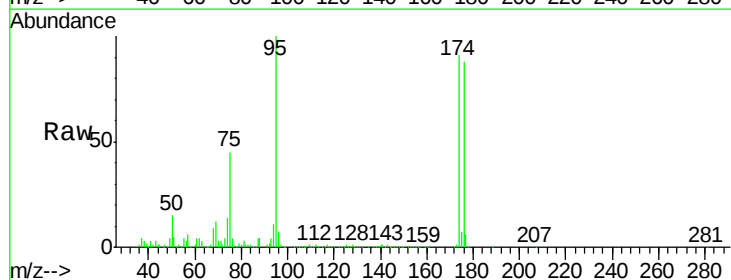
Instrument :
MSVOA_N
ClientSampleId :
SB-08(14-17)ME

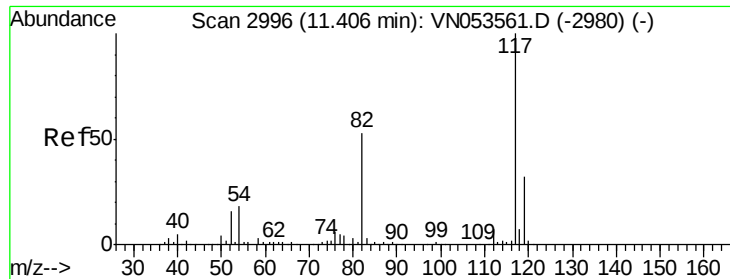
Tot Ion: 43 Resp: 108514
Ion Ratio Lower Upper
43 100
58 4.4 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Tgt Ion: 95 Resp: 607309
Ion Ratio Lower Upper
95 100
174 93.2 0.0 183.2
176 91.0 0.0 177.4

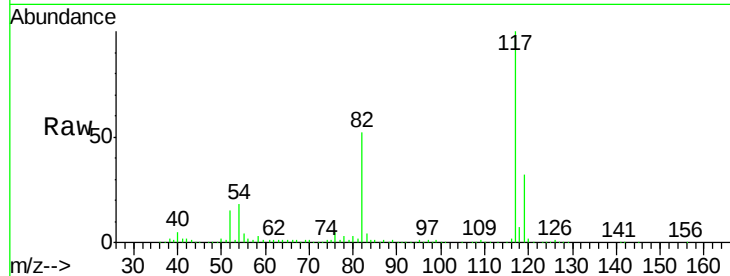




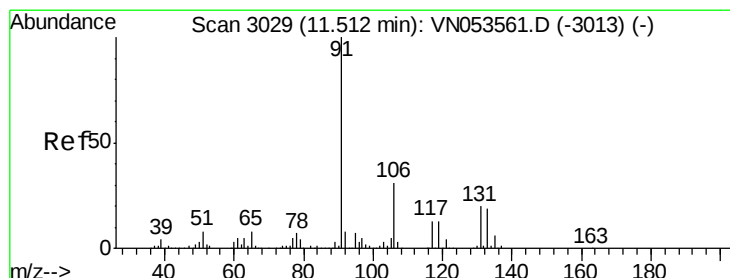
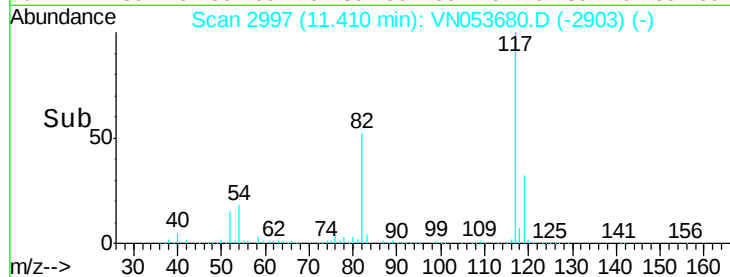
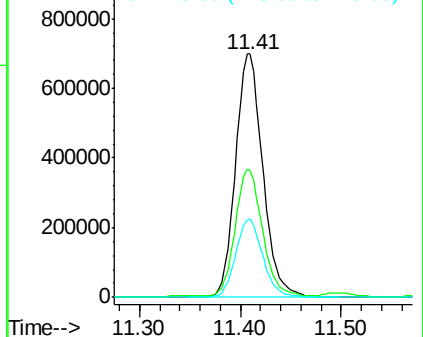
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Instrument :
MSVOA_N
ClientSampleId :
SB-08(14-17)ME

Tot Ion:117 Resp: 1308187
Ion Ratio Lower Upper
117 100
82 51.6 42.9 64.3
119 32.0 26.0 39.0

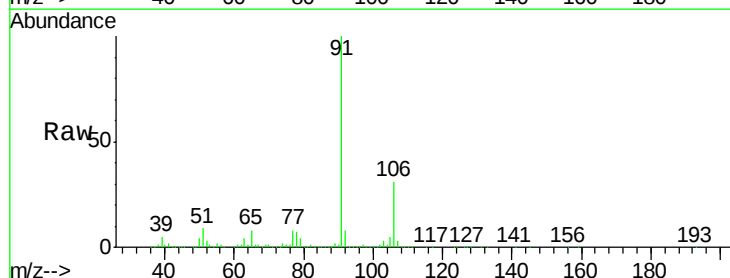


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

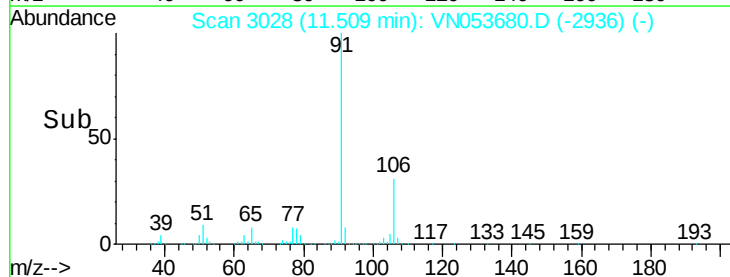
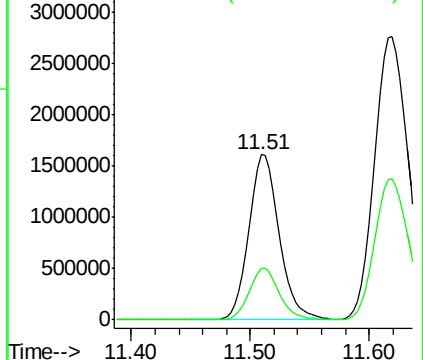


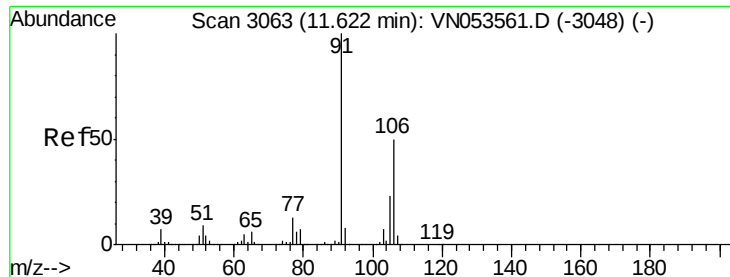
#67
Ethyl Benzene
Concen: 62.531 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Tgt Ion: 91 Resp: 2854307
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



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





#68

m/p-Xylenes

Concen: 157.820 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

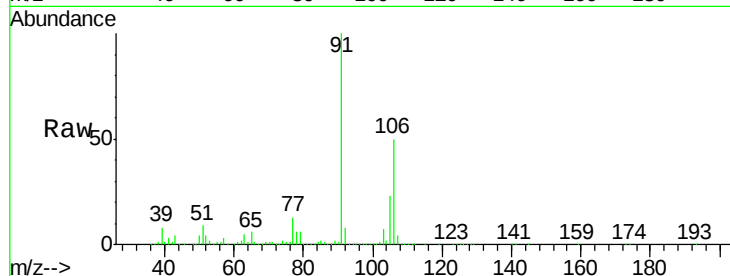
SB-08(14-17)ME

Tot Ion:106 Resp: 2749439

Ion Ratio Lower Upper

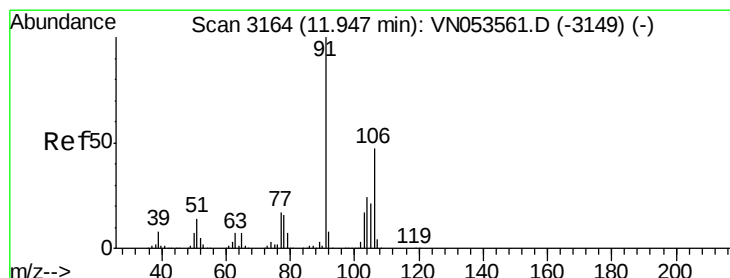
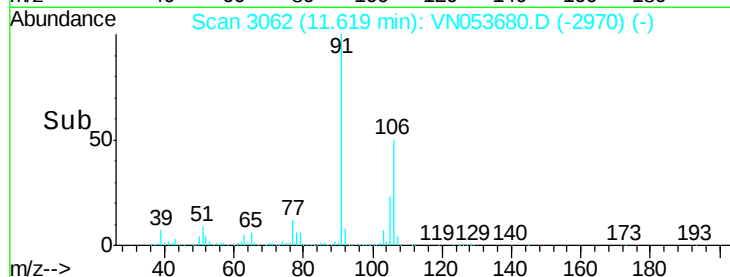
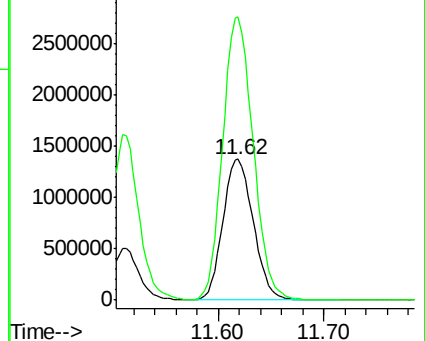
106 100

91 201.0 161.4 242.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 46.201 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. 0.00 min

Lab File: VN053680.D

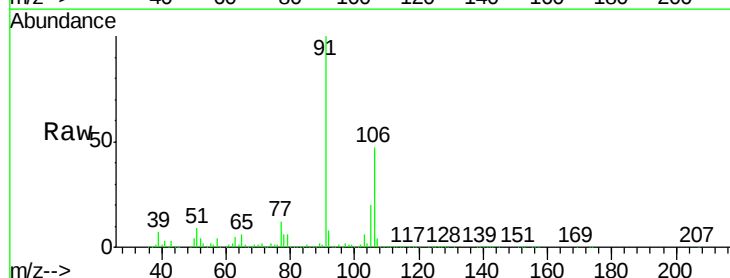
Acq: 8 Feb 2019 14:37

Tgt Ion:106 Resp: 777596

Ion Ratio Lower Upper

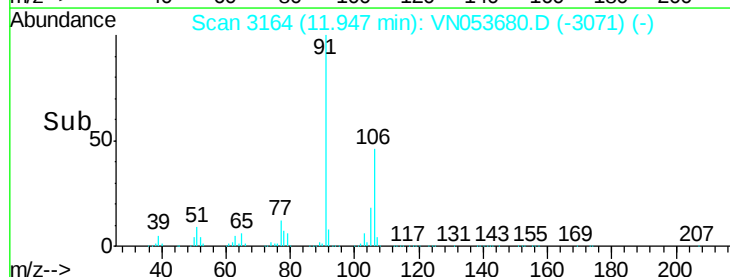
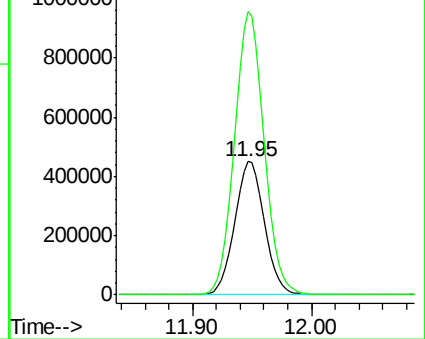
106 100

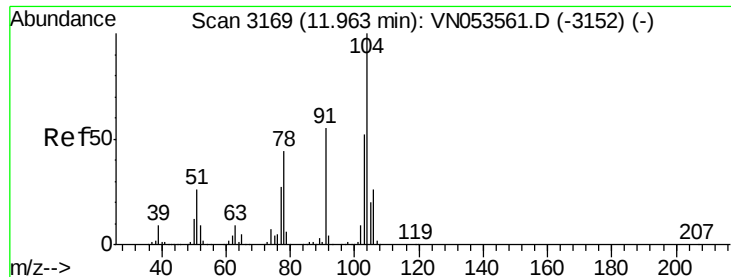
91 211.6 106.9 320.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#70

Stvrene

Concen: 1.532 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.02 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

SB-08(14-17)ME

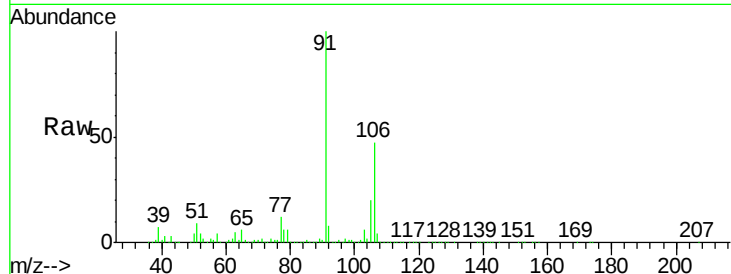
Tot Ion:104 Resp: 41795

Ion Ratio Lower Upper

104 100

78 252.7 38.2 57.2#

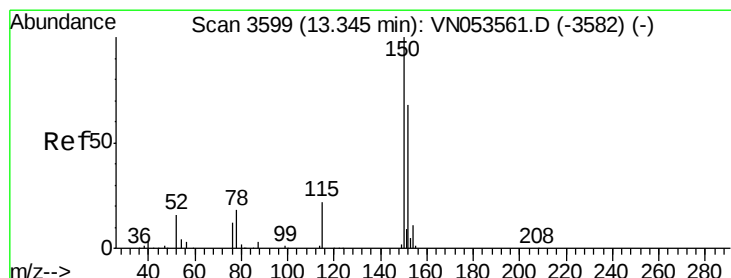
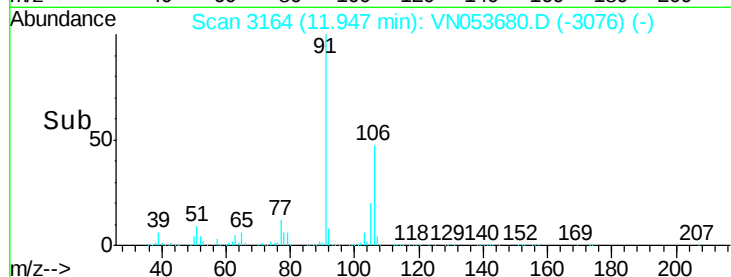
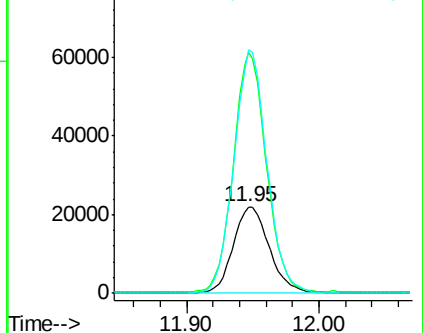
103 257.3 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): 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: VN053680.D

Acq: 8 Feb 2019 14:37

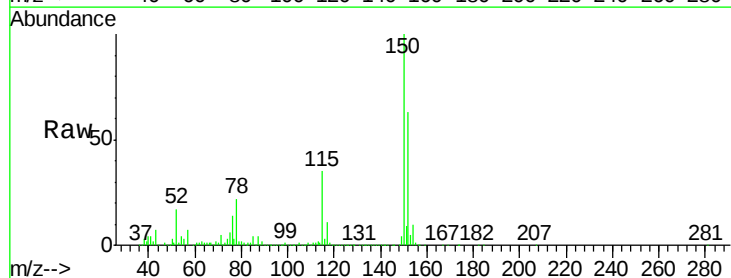
Tgt Ion:152 Resp: 619319

Ion Ratio Lower Upper

152 100

115 59.1 27.8 83.4

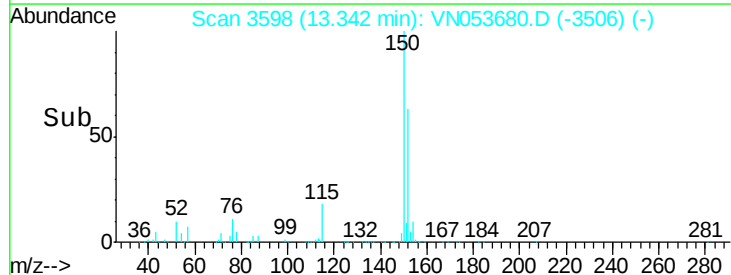
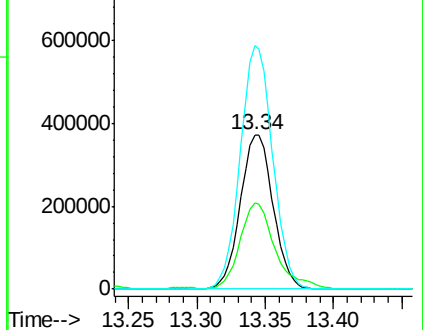
150 156.1 0.0 349.0

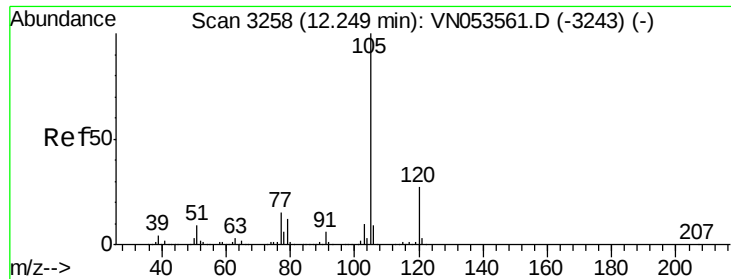


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 7.708 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

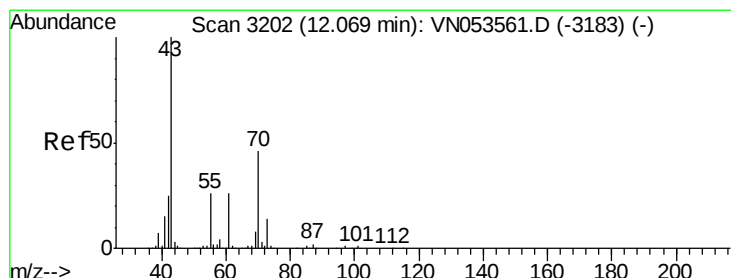
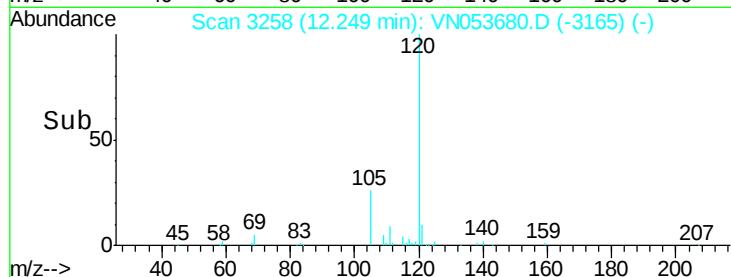
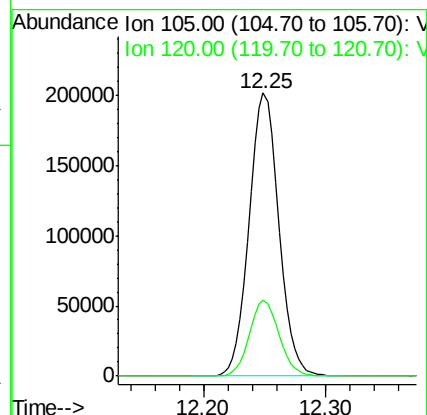
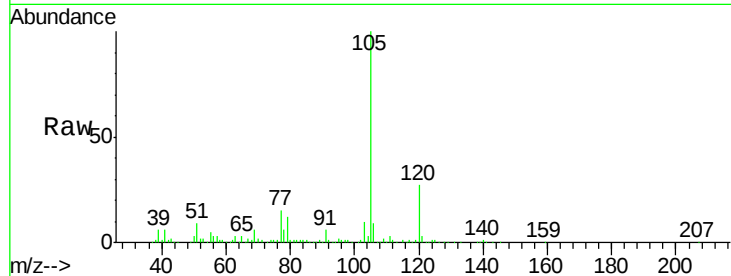
SB-08(14-17)ME

Tot Ion:105 Resp: 335589

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 6.753 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Tgt Ion: 43 Resp: 70703

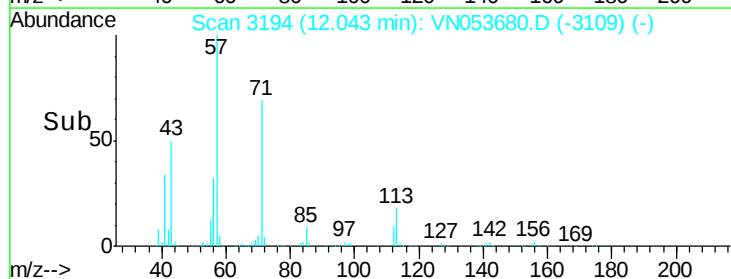
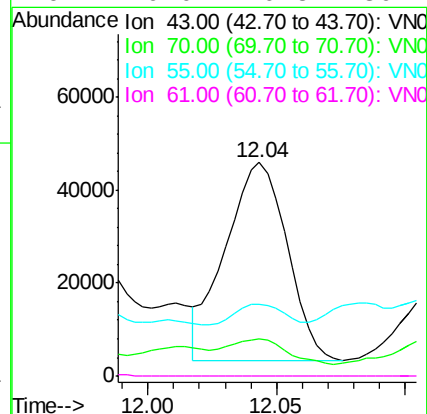
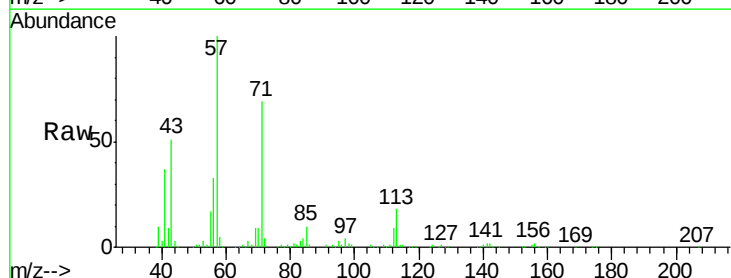
Ion Ratio Lower Upper

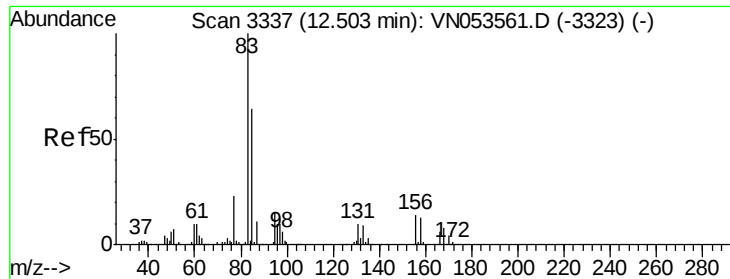
43 100

70 11.5 35.4 53.2#

55 7.2 20.9 31.3#

61 0.0 20.5 30.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.670 ug/l

RT: 12.45 min Scan# 3319

Delta R.T. -0.06 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

SB-08(14-17)ME

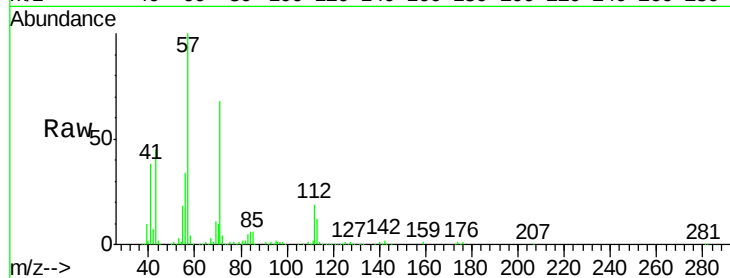
Tot Ion: 83 Resp: 6977

Ion Ratio Lower Upper

83 100

131 4.7 5.3 15.8#

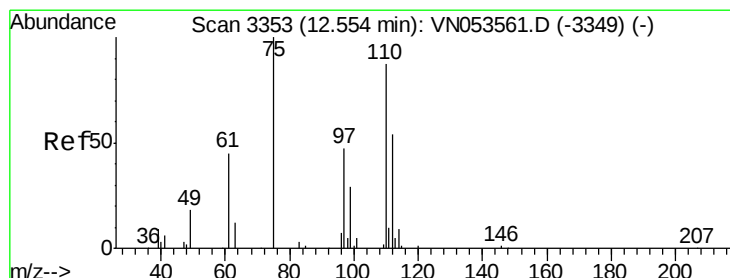
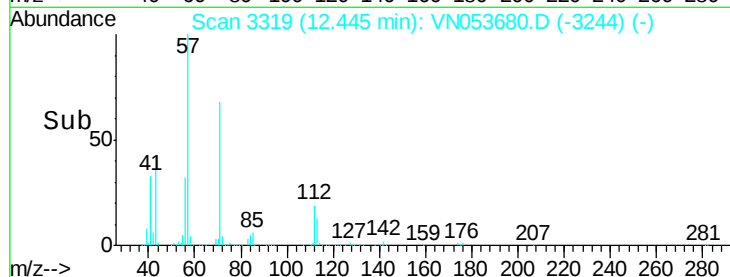
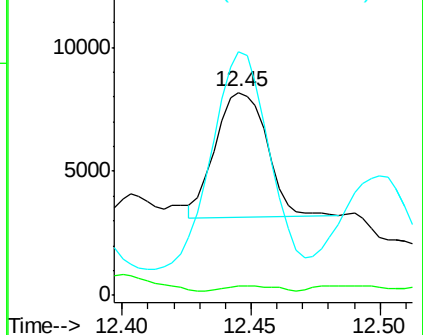
85 191.9 32.1 96.3#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 3.498 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. 0.10 min

Lab File: VN053680.D

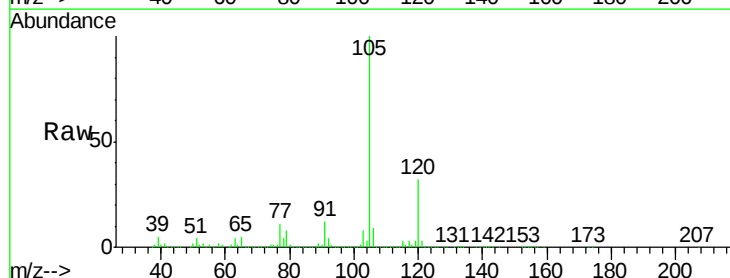
Acq: 8 Feb 2019 14:37

Tgt Ion: 75 Resp: 27825

Ion Ratio Lower Upper

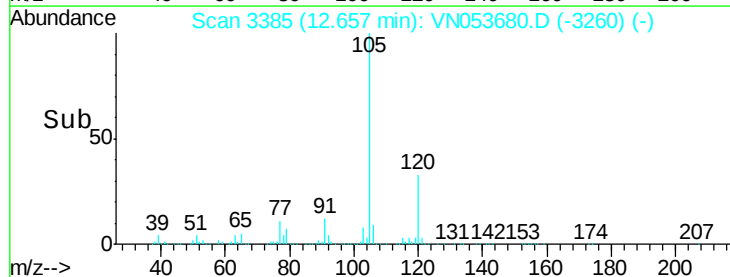
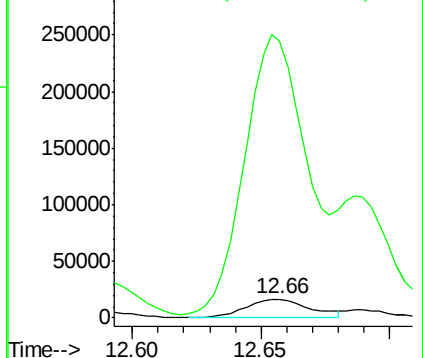
75 100

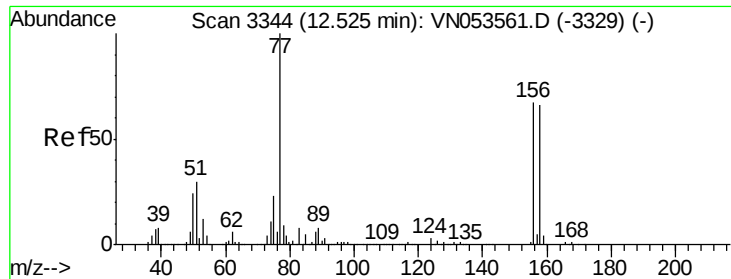
77 1486.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 0.930 ug/l

RT: 12.54 min Scan# 3350

Delta R.T. 0.02 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

SB-08(14-17)ME

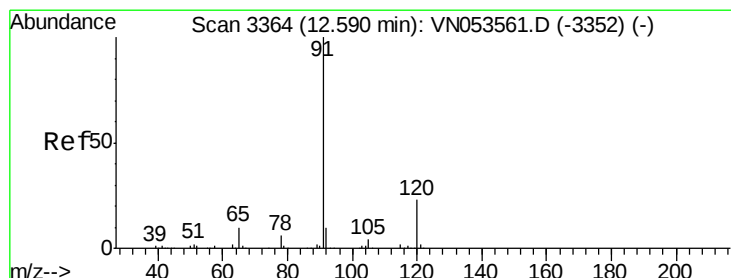
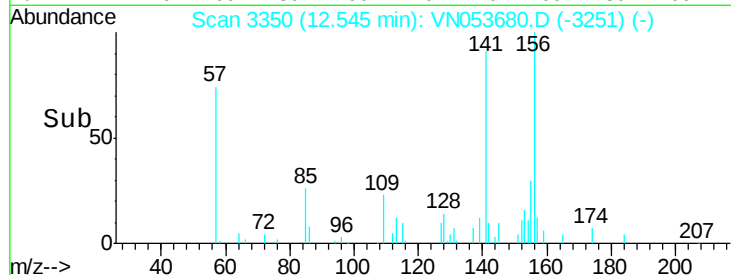
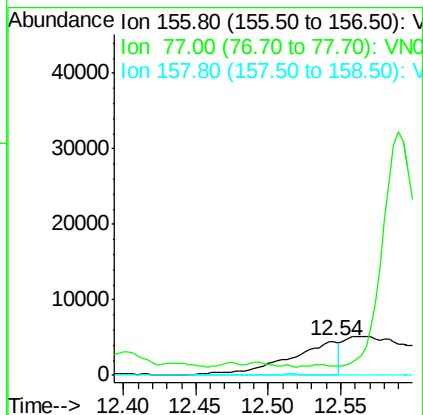
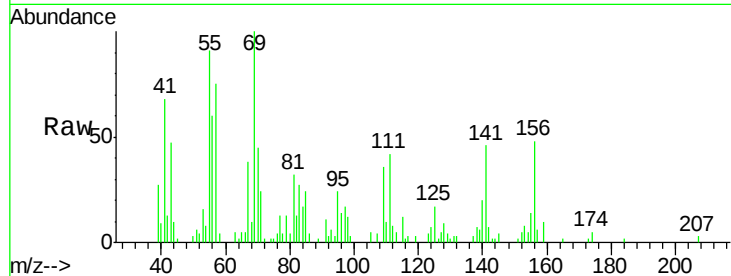
Tot Ion:156 Resp: 10917

Ion Ratio Lower Upper

156 100

77 0.0 87.9 263.8#

158 0.0 48.8 146.4#



#78

n-propylbenzene

Concen: 26.946 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053680.D

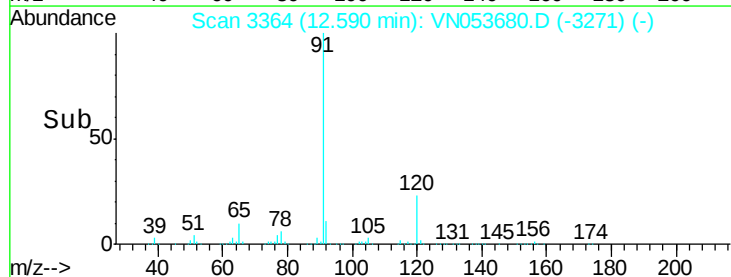
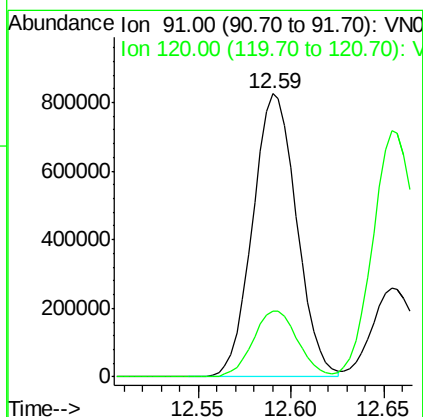
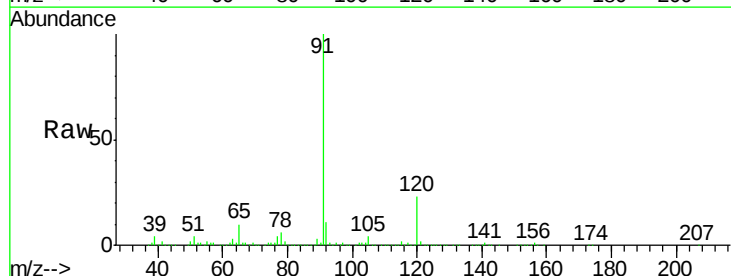
Acq: 8 Feb 2019 14:37

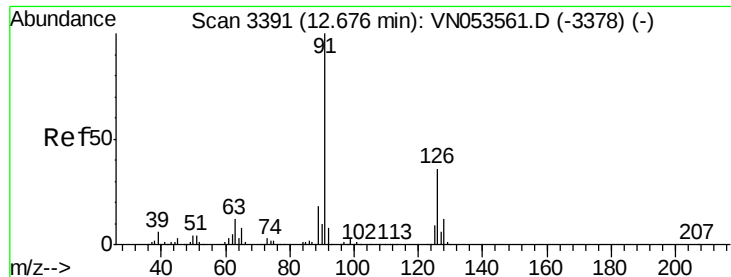
Tgt Ion: 91 Resp: 1356181

Ion Ratio Lower Upper

91 100

120 23.9 11.9 35.5

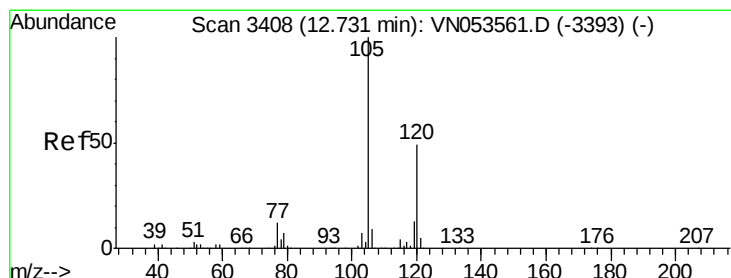
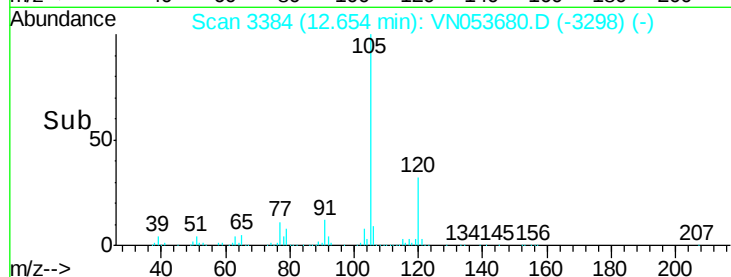
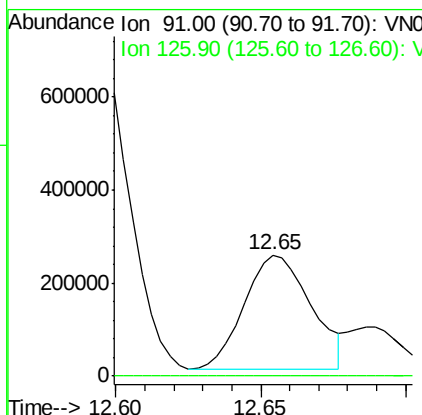
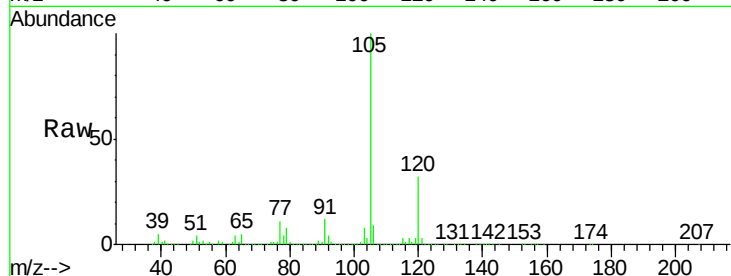




#79
2-Chlorotoluene
Concen: 13.052 ug/l
RT: 12.65 min Scan# 3384
Delta R.T. -0.02 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

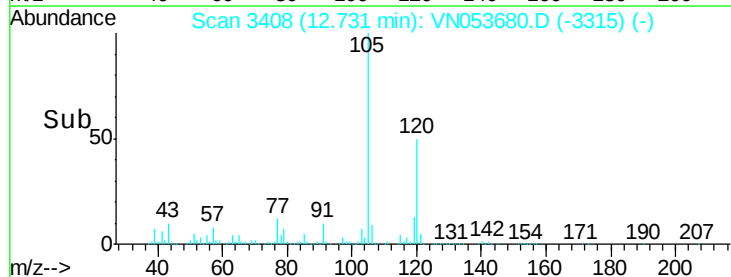
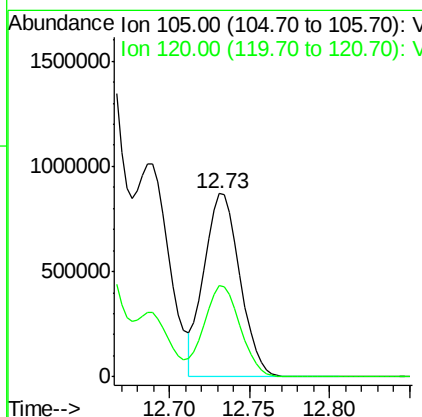
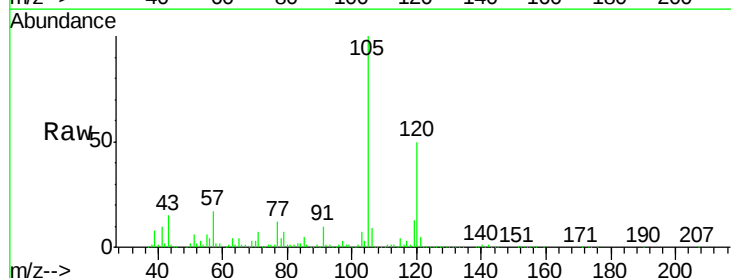
Instrument :
MSVOA_N
ClientSampleId :
SB-08(14-17)ME

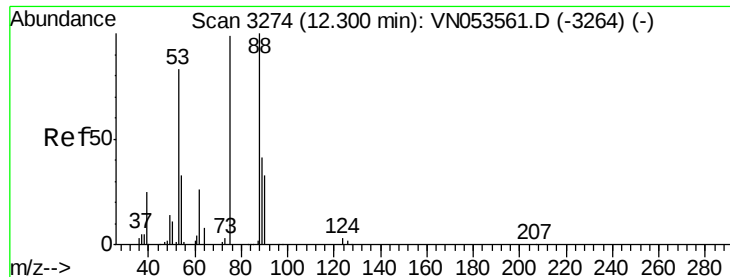
Tot Ion: 91 Resp: 389741
Ion Ratio Lower Upper
91 100
126 0.0 17.9 53.7#



#80
1,3,5-Trimethylbenzene
Concen: 37.516 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Tgt Ion: 105 Resp: 1354433
Ion Ratio Lower Upper
105 100
120 50.9 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 98.356 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

SB-08(14-17)ME

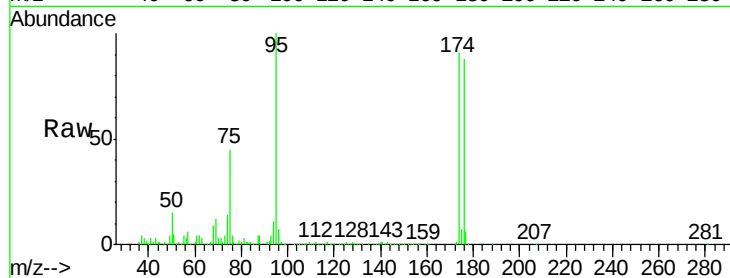
Tot Ion: 75 Resp: 278245

Ion Ratio Lower Upper

75 100

53 0.1 69.8 104.6#

89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

12.40

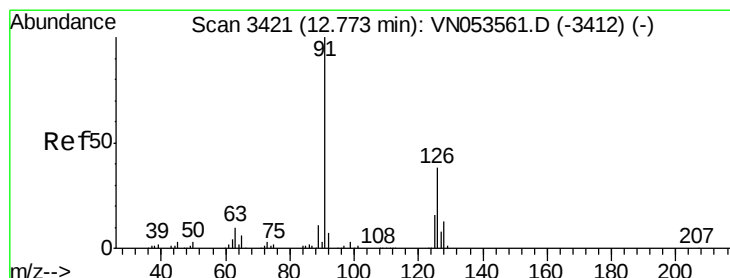
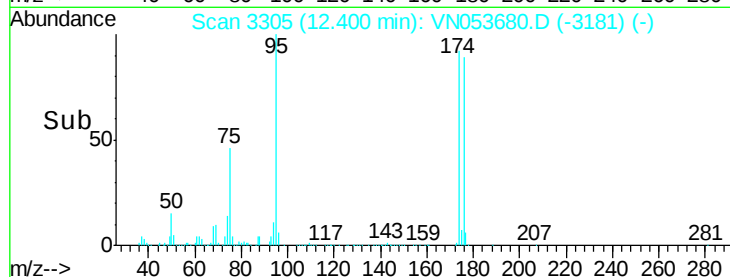
150000

100000

50000

0

Time--> 12.30 12.40



#82

4-Chlorotoluene

Concen: 4.260 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN053680.D

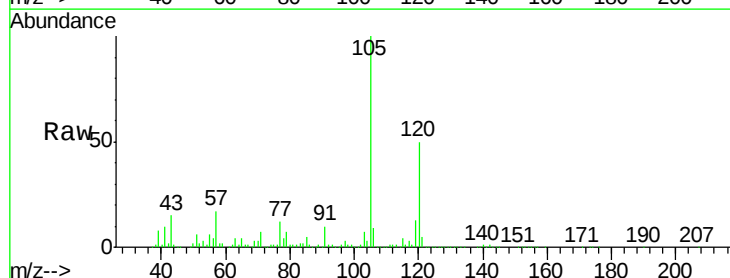
Acq: 8 Feb 2019 14:37

Tgt Ion: 91 Resp: 130518

Ion Ratio Lower Upper

91 100

126 0.2 17.6 52.9#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

120000

100000

80000

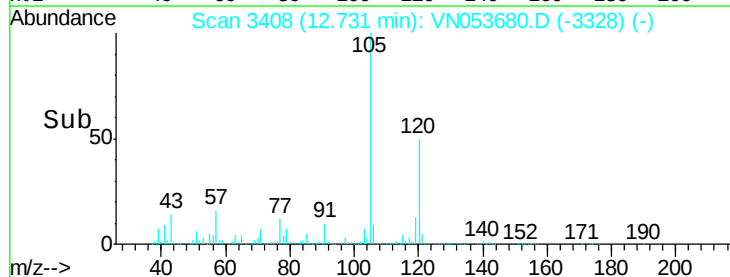
60000

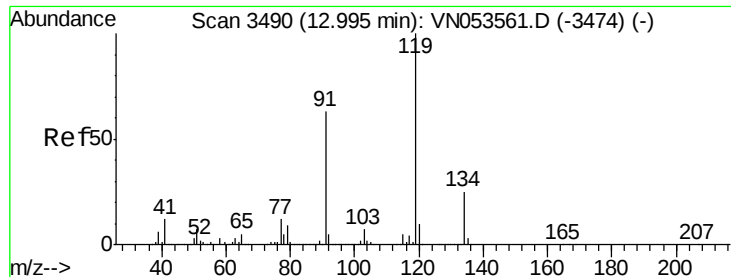
40000

20000

0

Time--> 12.70 12.75 12.80

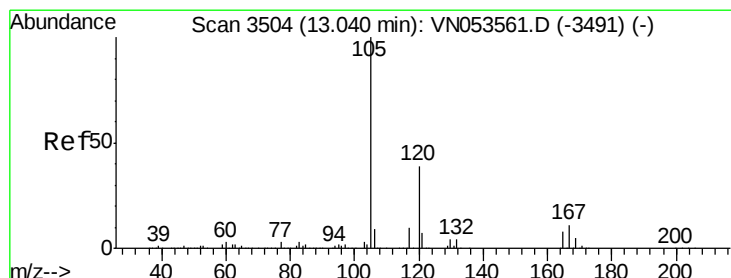
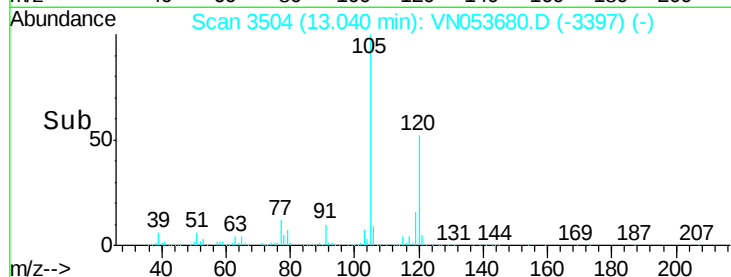
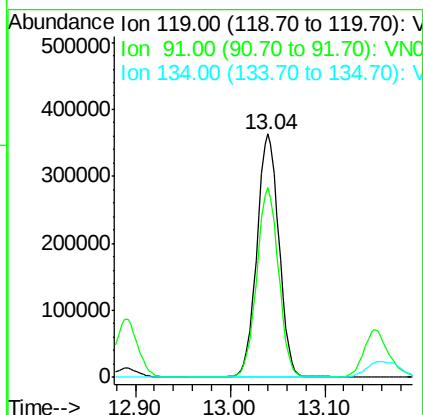
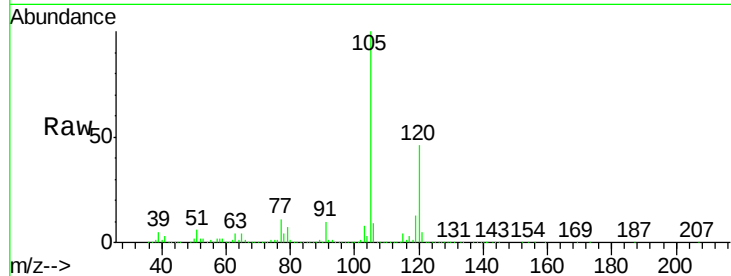




#83
tert-Butylbenzene
Concen: 18.372 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

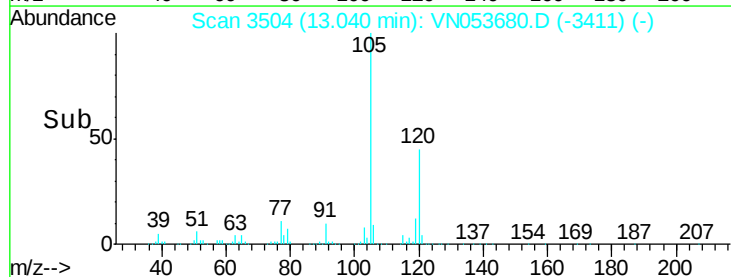
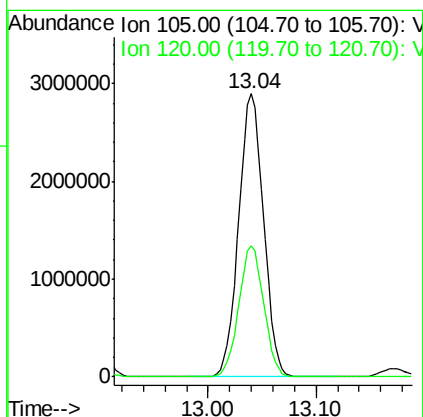
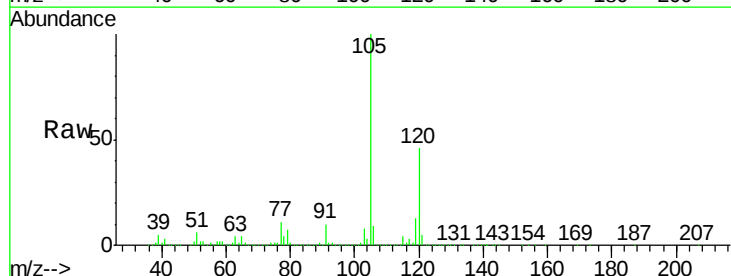
Instrument :
MSVOA_N
ClientSampleId :
SB-08(14-17)ME

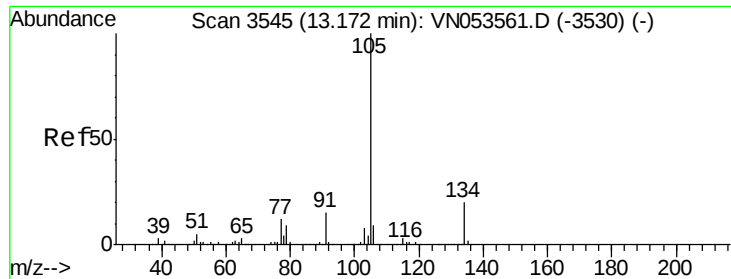
Tot Ion:119 Resp: 586227
Ion Ratio Lower Upper
119 100
91 76.7 31.3 93.8
134 0.0 12.9 38.7#



#84
1,2,4-Trimethylbenzene
Concen: 126.704 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053680.D
Acq: 8 Feb 2019 14:37

Tgt Ion:105 Resp: 4660474
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0





#85

sec-Butylbenzene

Concen: 107.331 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampleId :

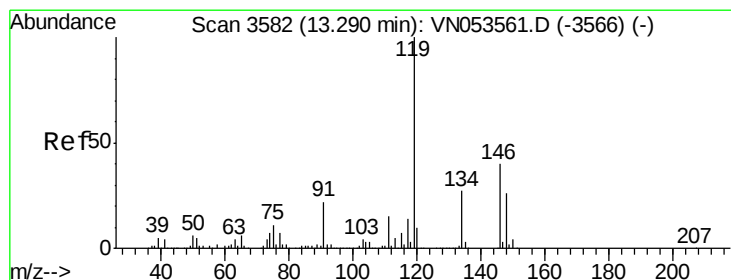
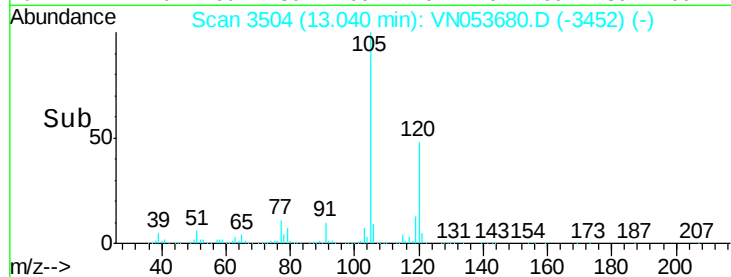
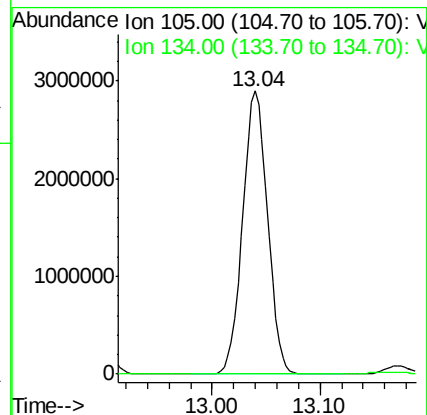
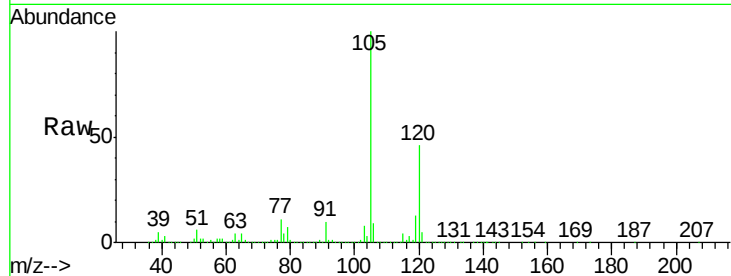
SB-08(14-17)ME

Tot Ion:105 Resp: 4660474

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 1.929 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

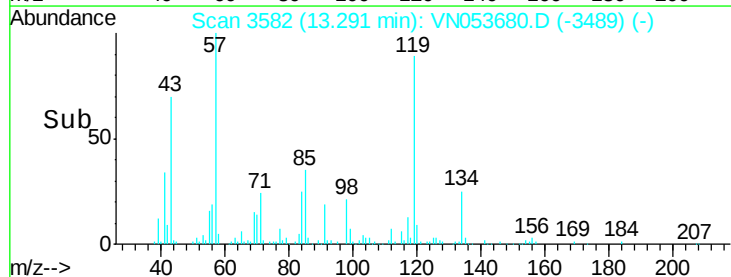
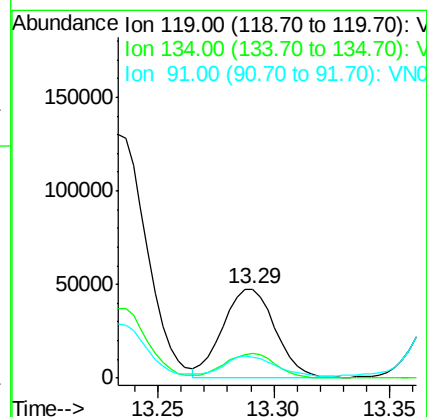
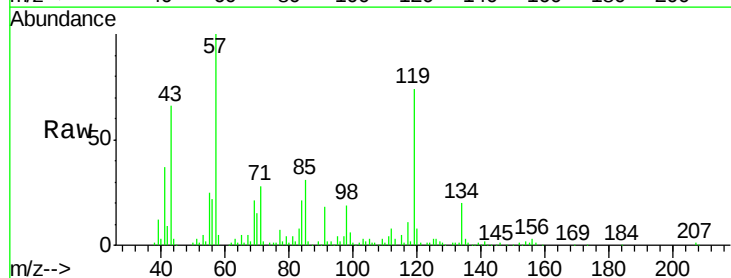
Tgt Ion:119 Resp: 73262

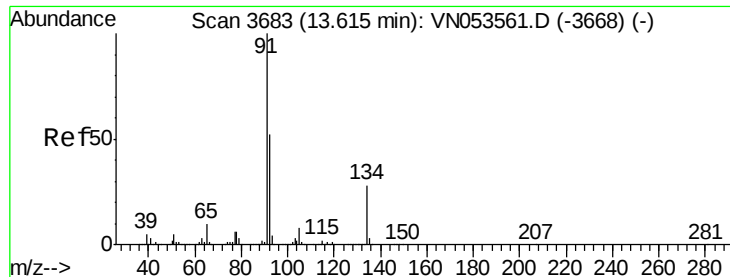
Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 22.0 11.0 33.0





#89

n-Butylbenzene

Concen: 9.487 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampled :

SB-08(14-17)ME

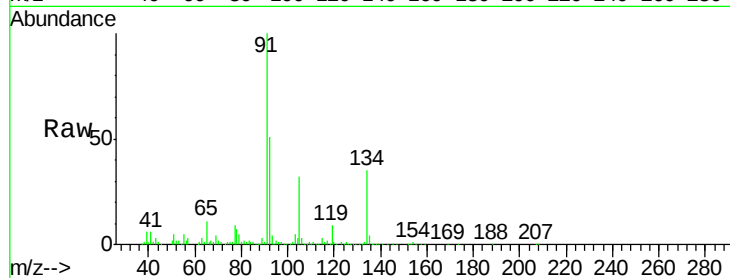
Tot Ion: 91 Resp: 311828

Ion Ratio Lower Upper

91 100

92 58.1 26.3 78.8

134 0.0 13.5 40.5#

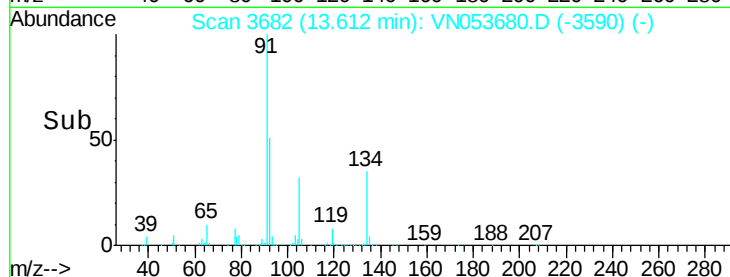


Abundance Ion 91.00 (90.70 to 91.70): VN053561.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053561.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053561.D (-3668) (-)

Time-->

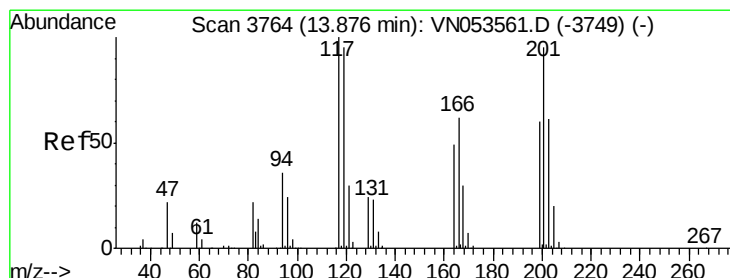


Abundance Ion 91.00 (90.70 to 91.70): VN053680.D (-3590) (-)

Ion 92.00 (91.70 to 92.70): VN053680.D (-3590) (-)

Ion 134.00 (133.70 to 134.70): VN053680.D (-3590) (-)

Time-->



#90

Hexachloroethane

Concen: 13.985 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053680.D

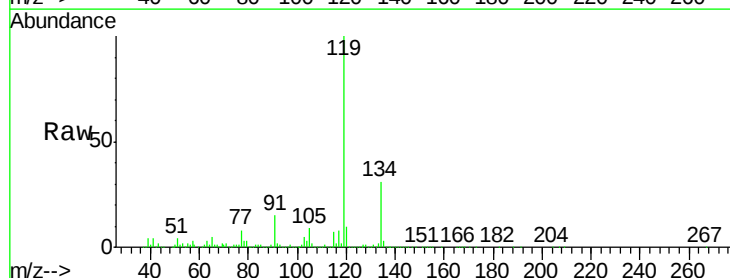
Acq: 8 Feb 2019 14:37

Tgt Ion: 117 Resp: 87600

Ion Ratio Lower Upper

117 100

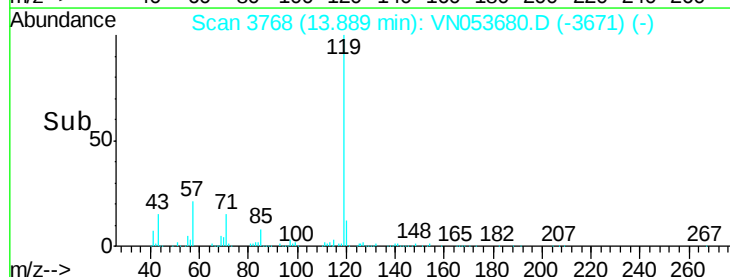
201 0.0 46.8 140.4#



Abundance Ion 116.80 (116.50 to 117.50): VN053561.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN053561.D (-3749) (-)

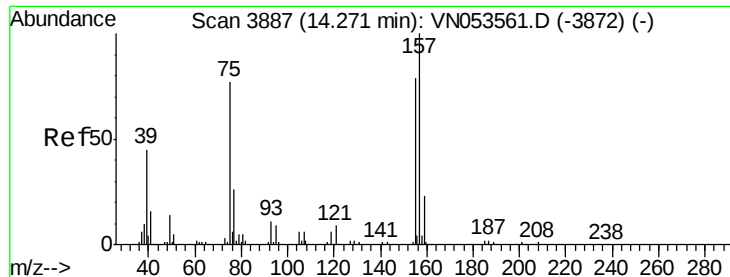
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN053680.D (-3671) (-)

Ion 200.70 (200.40 to 201.40): VN053680.D (-3671) (-)

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.426 ug/l

RT: 14.29 min Scan# 3893

Delta R.T. 0.02 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

Instrument :

MSVOA_N

ClientSampled :

SB-08(14-17)ME

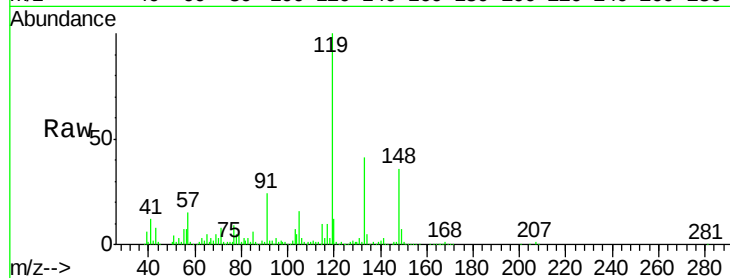
Tot Ion: 75 Resp: 2118

Ion Ratio Lower Upper

75 100

155 13.3 48.9 146.7#

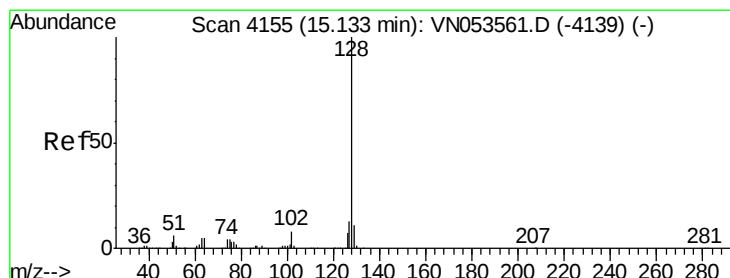
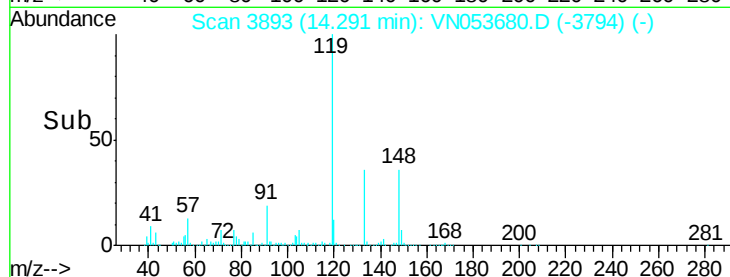
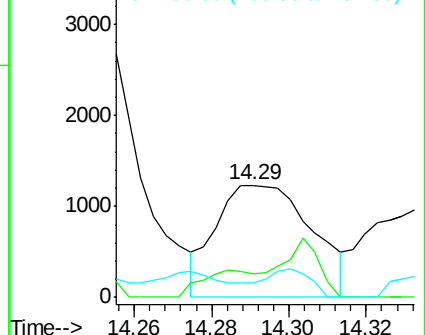
157 7.2 63.7 191.3#



Abundance Ion 74.90 (74.60 to 75.60): VN053561.D (-3872) (-)

Ion 154.80 (154.50 to 155.50): VN053561.D (-3872) (-)

Ion 156.80 (156.50 to 157.50): VN053561.D (-3872) (-)



#95

Naphthalene

Concen: 19.291 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053680.D

Acq: 8 Feb 2019 14:37

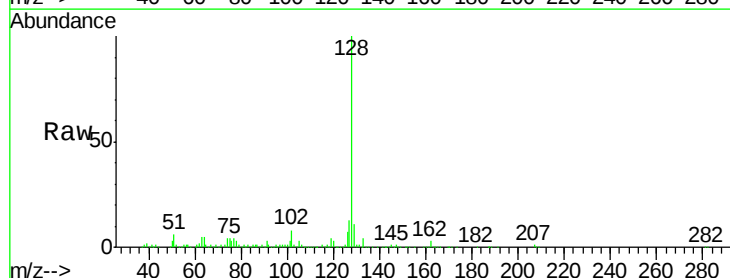
Tgt Ion: 128 Resp: 494778

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VN053561.D (-4139) (-)

Ion 127.00 (126.70 to 127.70): VN053561.D (-4139) (-)

Ion 129.00 (128.70 to 129.70): VN053561.D (-4139) (-)

