

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053180.D
 Acq On : 24 Dec 2018 13:00
 Operator : MD\SY
 Sample : J6528-01 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 23738

Quant Time: Dec 24 22:27:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1173050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1789159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1618923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	696356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	564722	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	7.59	113	497752	60.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.80%	
50) Toluene-d8	10.09	98	2223944	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.40	95	758571	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds

					Qvalue	
8) Diethyl Ether	3.41	74	26639	3.890	ug/l	97
11) Tert butyl alcohol	4.78	59	68444	94.230	ug/l	100
13) Acrolein	3.61	56	280	0.425	ug/l #	76
16) Acetone	3.81	43	685080	293.516	ug/l	96
18) Methyl Acetate	4.33	43	92494	9.550	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	55185	1.844	ug/l	98
20) Methylene Chloride	4.55	84	9647	0.758	ug/l	91
22) Diisopropyl ether	5.96	45	31535	0.853	ug/l #	1
25) 2-Butanone	6.84	43	151946	38.790	ug/l	99
29) Tetrahydrofuran	7.22	42	4483	1.532	ug/l #	67
36) 1,1-Dichloropropene	7.66	75	76610	4.461	ug/l #	49
37) Ethyl Acetate	6.84	43	151946	15.850	ug/l #	68
38) Carbon Tetrachloride	7.67	117	101641	6.457	ug/l #	16
39) Methylcyclohexane	9.08	83	6260	0.300	ug/l	93
40) Benzene	8.04	78	1027326	20.112	ug/l	99
42) 1,2-Dichloroethane	8.04	62	8086	0.536	ug/l #	74
48) Methyl methacrylate	9.17	41	52335	5.626	ug/l #	37
49) 1,4-Dioxane	9.20	88	6137	52.152	ug/l #	22
51) 4-Methyl-2-Pentanone	9.99	43	103067	11.102	ug/l	99
52) Toluene	10.16	92	1280027	40.429	ug/l	99
53) t-1,3-Dichloropropene	10.24	75	79543	4.591	ug/l #	44
56) Ethyl methacrylate	10.37	69	3849	0.263	ug/l #	48
58) 2-Chloroethyl Vinyl ether	9.81	63	3073	0.383	ug/l	94
59) 2-Hexanone	10.76	43	29391	4.679	ug/l	73
67) Ethyl Benzene	11.51	91	428500	6.943	ug/l	100
68) m/p-Xylenes	11.62	106	920280	39.225	ug/l	100
69) o-Xylene	11.95	106	433193	19.241	ug/l	100
70) Styrene	11.95	104	21452	0.584	ug/l #	1
73) Isopropylbenzene	12.25	105	29113	0.534	ug/l	98
74) N-amyl acetate	12.13	43	13043	0.862	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.54	83	15130	1.415	ug/l #	26
76) 1,2,3-Trichloropropane	12.40	75	354736	30.261	ug/l #	100
77) Bromobenzene	12.56	156	26479	1.870	ug/l #	1
78) n-propylbenzene	12.59	91	35452	0.571	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
 Data File : VN053180.D
 Acq On : 24 Dec 2018 13:00
 Operator : MD\SY
 Sample : J6528-01 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 23738

Quant Time: Dec 24 22:27:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

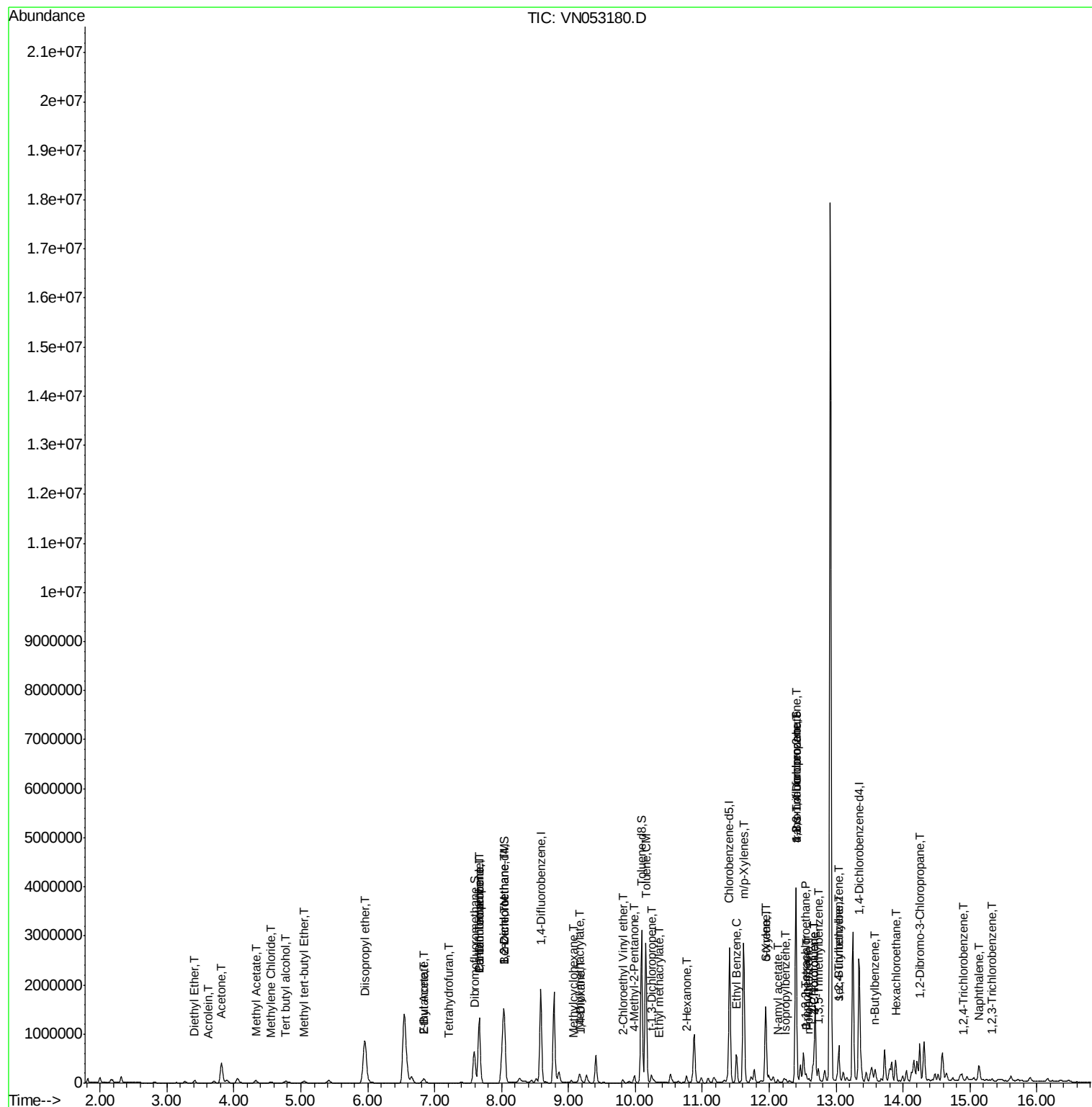
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	12.66	91	21004	0.546	ug/l	83
80) 1,3,5-Trimethylbenzene	12.73	105	127649	2.874	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	354736	97.536	ug/l #	16
82) 4-Chlorotoluene	12.66	91	21004	0.558	ug/l	83
84) 1,2,4-Trimethylbenzene	13.04	105	413059	9.252	ug/l	99
85) sec-Butylbenzene	13.04	105	413059	7.775	ug/l #	56
89) n-Butylbenzene	13.58	91	32713	0.828	ug/l #	1
90) Hexachloroethane	13.89	117	21303	3.024	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.24	75	2868	1.552	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	2789	0.817	ug/l #	46
95) Naphthalene	15.13	128	258294	10.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	1444	0.635	ug/l #	19

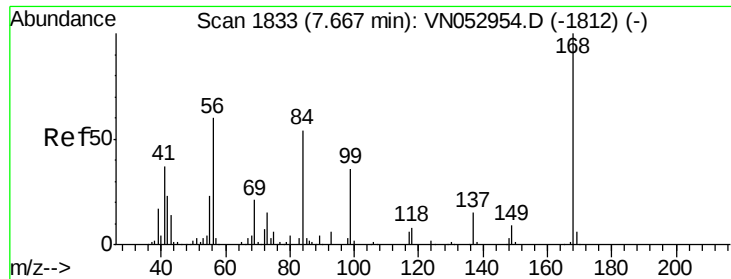
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122418\
Data File : VN053180.D
Acq On : 24 Dec 2018 13:00
Operator : MD\SY
Sample : J6528-01 10X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
23738

Quant Time: Dec 24 22:27:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampled :

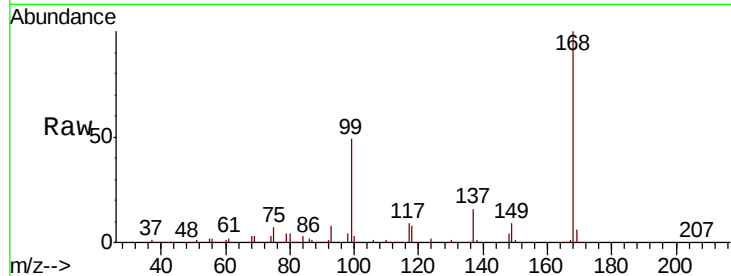
23738

Tot Ion:168 Resp: 1173050

Ion Ratio Lower Upper

168 100

99 49.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

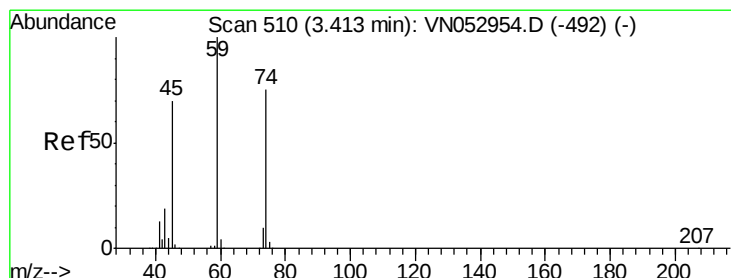
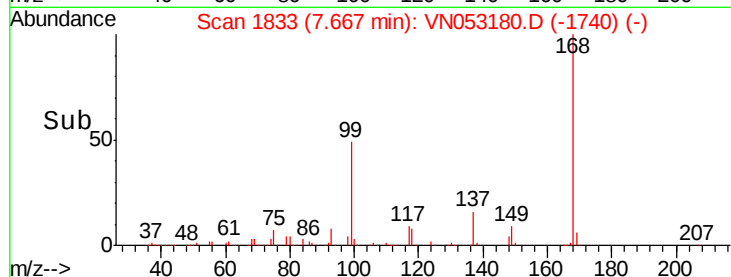
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 3.890 ug/l

RT: 3.41 min Scan# 510

Delta R.T. -0.00 min

Lab File: VN053180.D

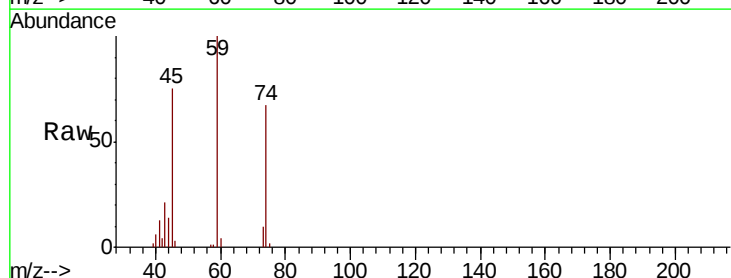
Acq: 24 Dec 2018 13:00

Tgt Ion: 74 Resp: 26639

Ion Ratio Lower Upper

74 100

45 102.0 49.4 148.0



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

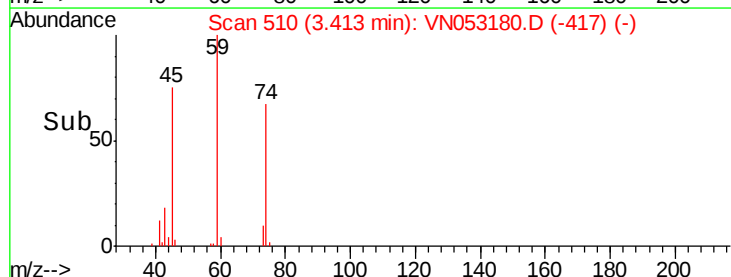
3.41

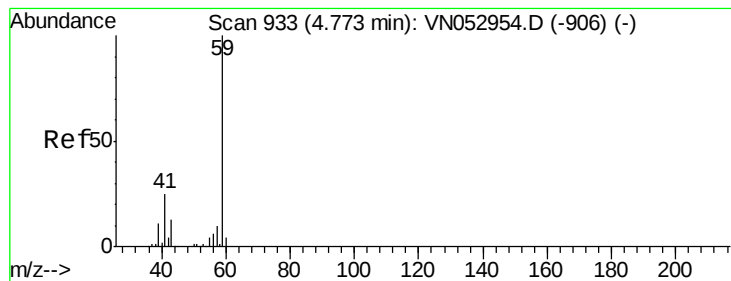
10000

5000

0

Time-->





#11

Tert butyl alcohol

Concen: 94.230 ug/l

RT: 4.78 min Scan# 934

Delta R.T. 0.00 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampled :

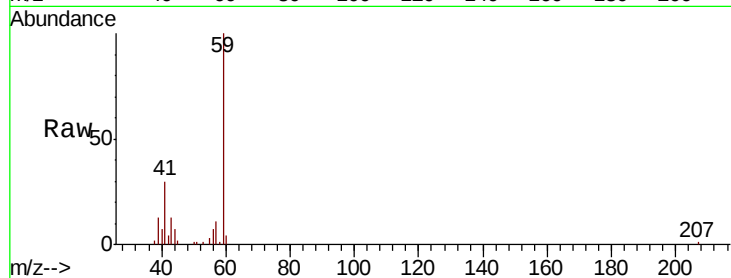
23738

Tot Ion: 59 Resp: 68444

Ion Ratio Lower Upper

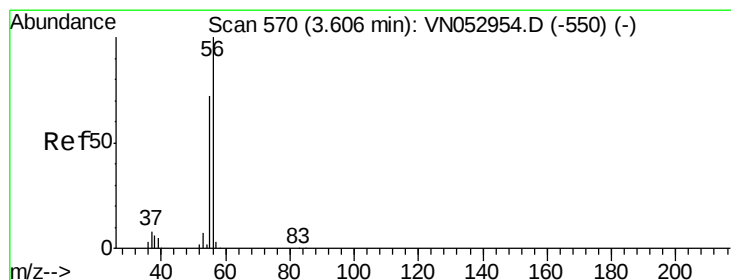
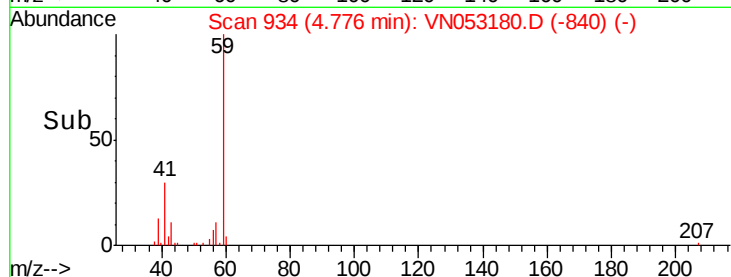
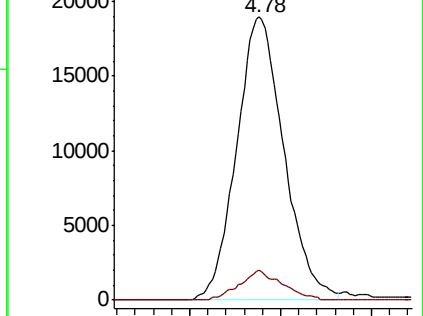
59 100

57 9.5 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 0.425 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053180.D

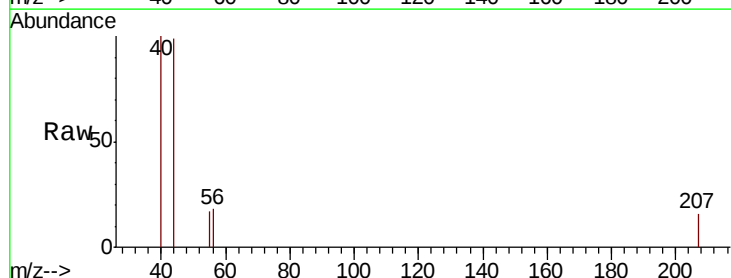
Acq: 24 Dec 2018 13:00

Tgt Ion: 56 Resp: 280

Ion Ratio Lower Upper

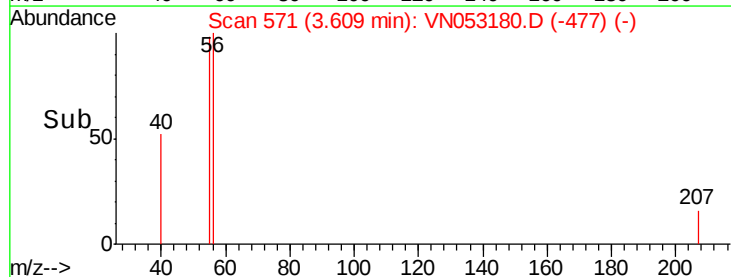
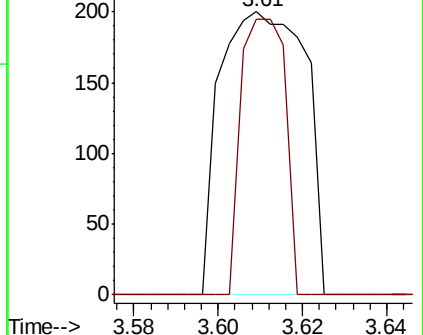
56 100

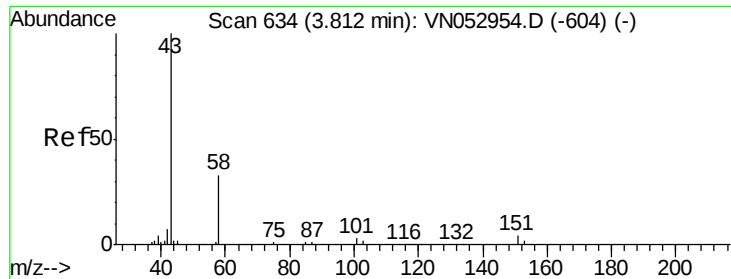
55 51.1 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 293.516 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampleId :

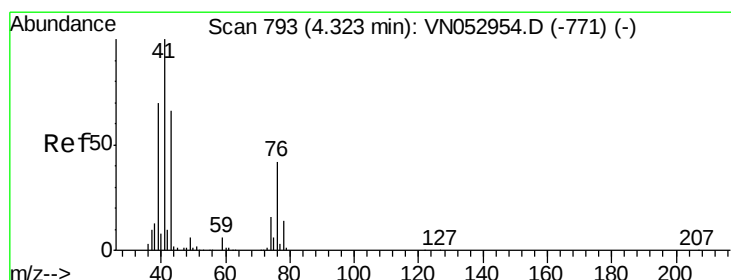
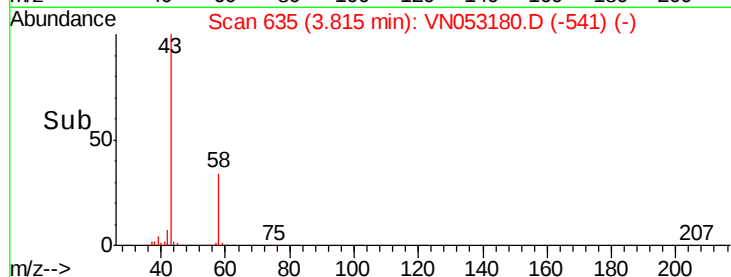
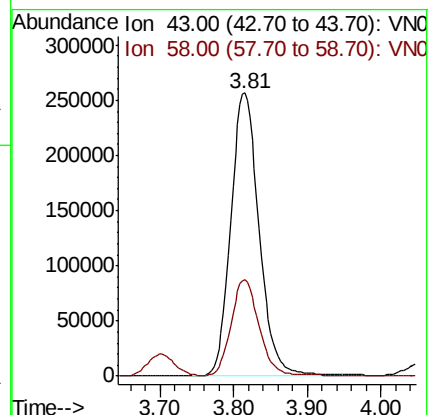
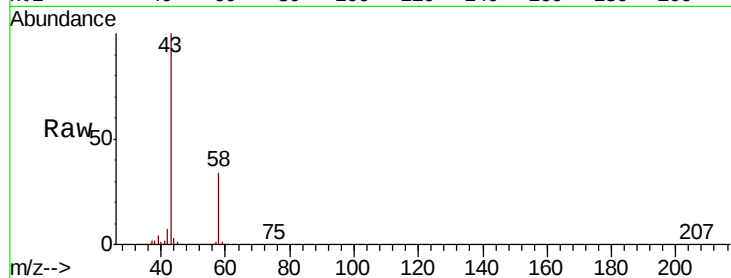
23738

Tot Ion: 43 Resp: 685080

Ion Ratio Lower Upper

43 100

58 34.0 25.4 38.0



#18

Methyl Acetate

Concen: 9.550 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053180.D

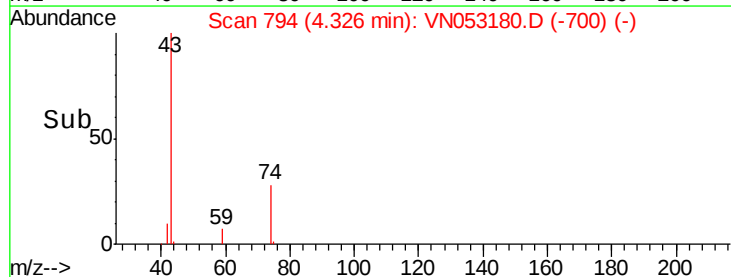
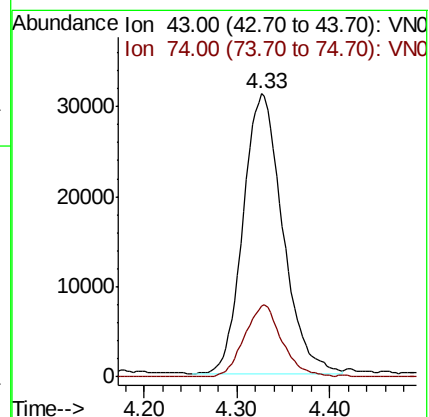
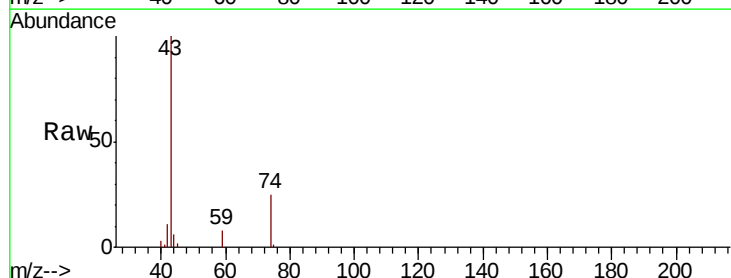
Acq: 24 Dec 2018 13:00

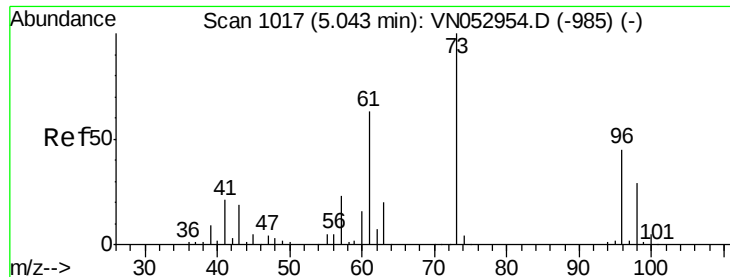
Tgt Ion: 43 Resp: 92494

Ion Ratio Lower Upper

43 100

74 24.2 19.2 28.8



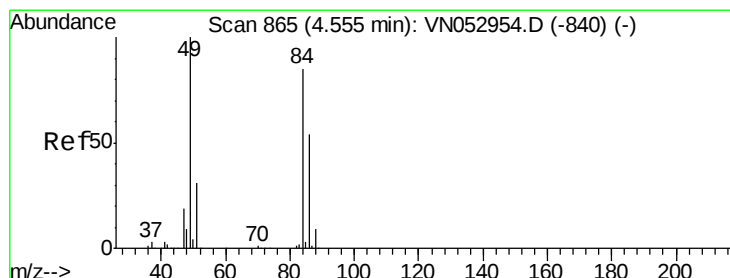
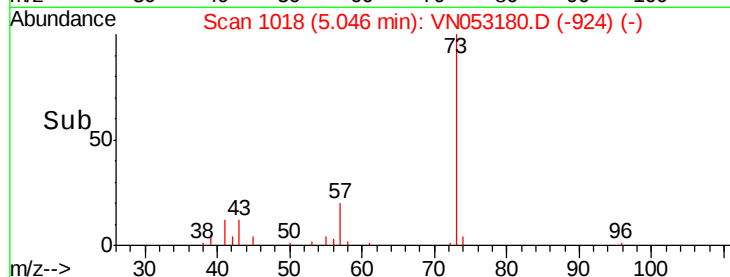
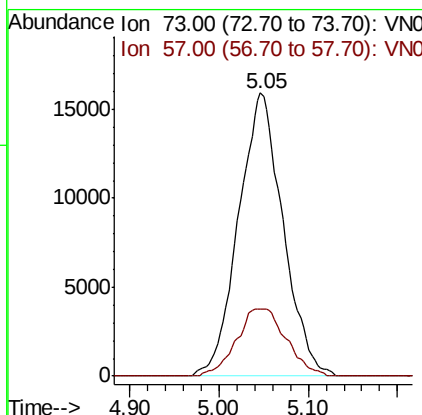
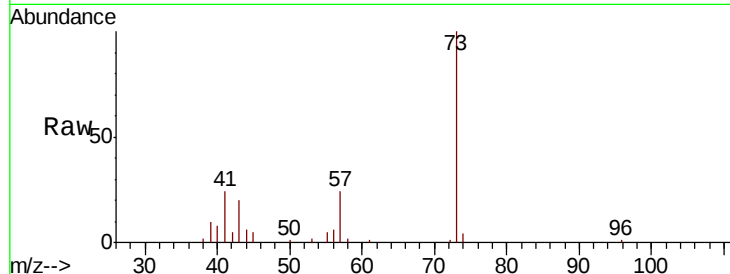


#19

Methyl tert-butyl Ether
 Concen: 1.844 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN053180.D
 Acq: 24 Dec 2018 13:00

Instrument :
 MSVOA_N
 ClientSampled :
 23738

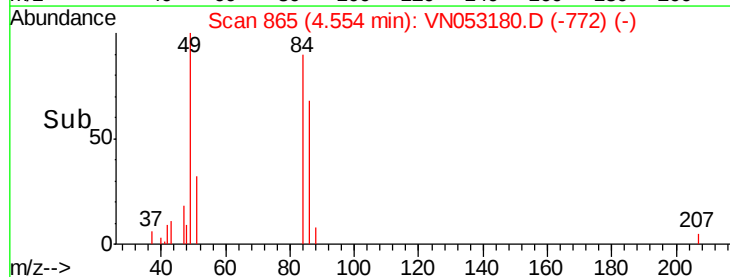
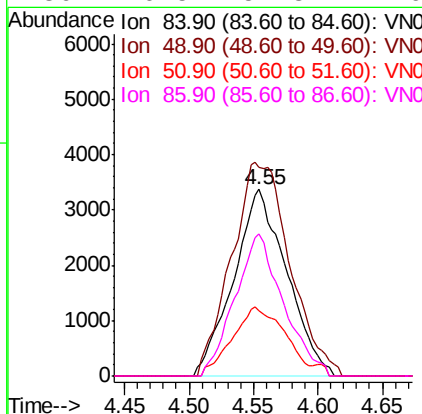
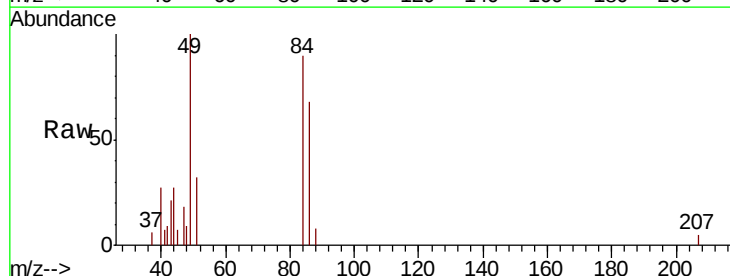
Tot Ion: 73 Resp: 55185
 Ion Ratio Lower Upper
 73 100
 57 23.9 18.4 27.6

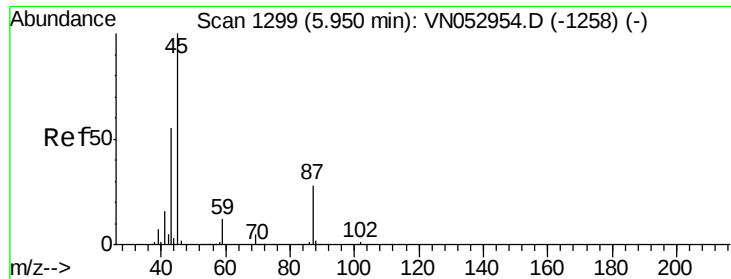


#20

Methylene Chloride
 Concen: 0.758 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VN053180.D
 Acq: 24 Dec 2018 13:00

Tgt Ion: 84 Resp: 9647
 Ion Ratio Lower Upper
 84 100
 49 111.7 96.8 145.2
 51 35.3 29.9 44.9
 86 76.5 51.8 77.6





#22

Diisopropyl ether

Concen: 0.853 ug/l

RT: 5.96 min Scan# 1303

Delta R.T. 0.01 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampleId :

23738

Tot Ion: 45 Resp: 31535

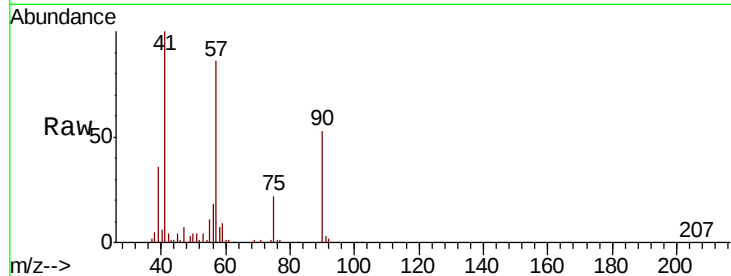
Ion Ratio Lower Upper

45 100

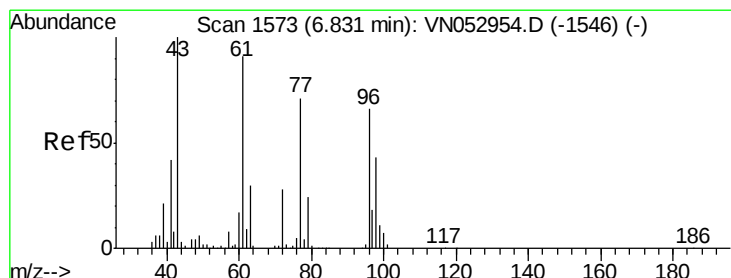
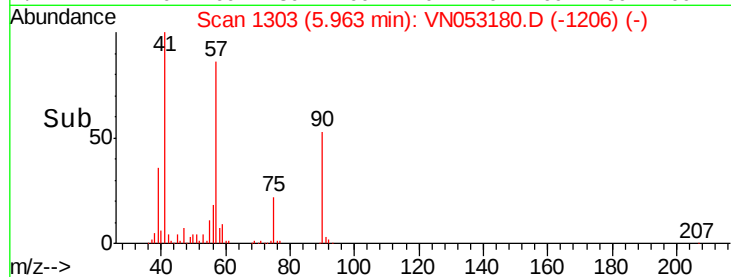
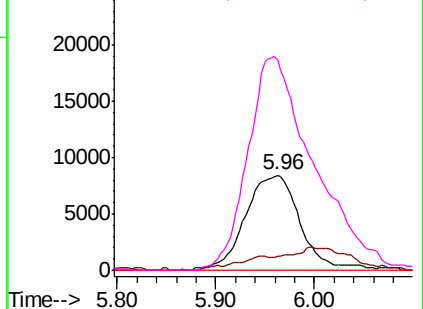
43 14.7 45.5 68.3#

87 0.0 22.0 33.0#

59 221.4 9.4 14.0#



Abundance Ion 45.00 (44.70 to 45.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 87.00 (86.70 to 87.70): VNO
Ion 59.00 (58.70 to 59.70): VNO



#25

2-Butanone

Concen: 38.790 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VN053180.D

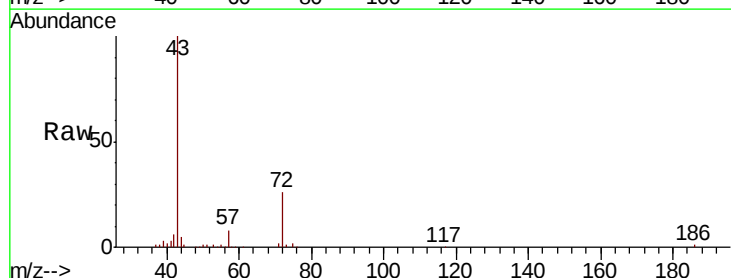
Acq: 24 Dec 2018 13:00

Tgt Ion: 43 Resp: 151946

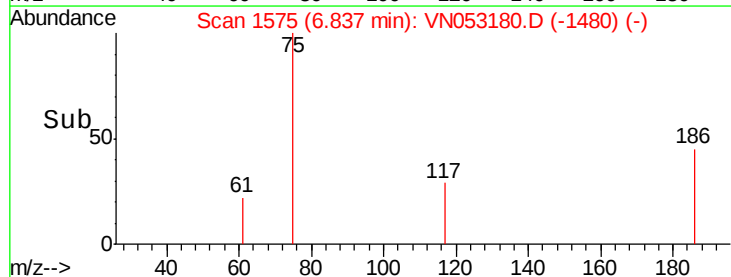
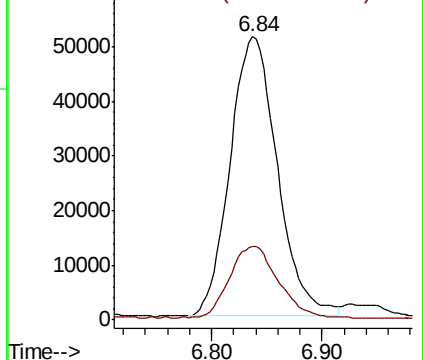
Ion Ratio Lower Upper

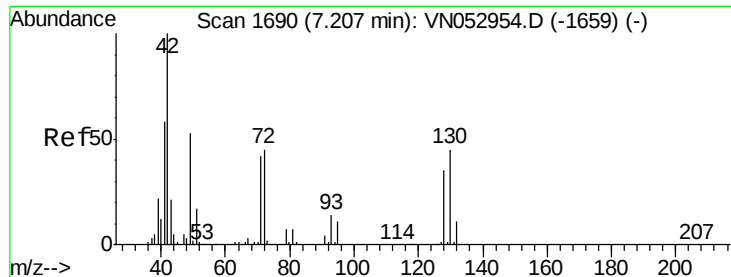
43 100

72 25.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO





#29

Tetrahydrofuran

Concen: 1.532 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampleId :

23738

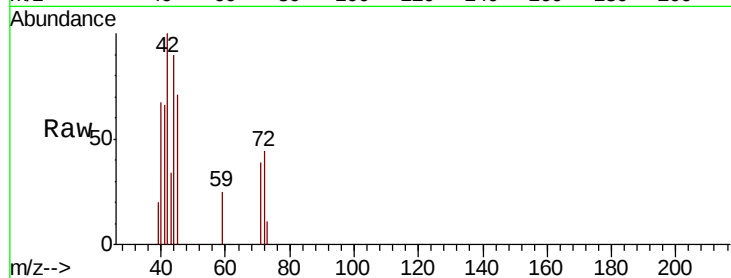
Tot Ion: 42 Resp: 4483

Ion Ratio Lower Upper

42 100

72 23.1 34.7 52.1#

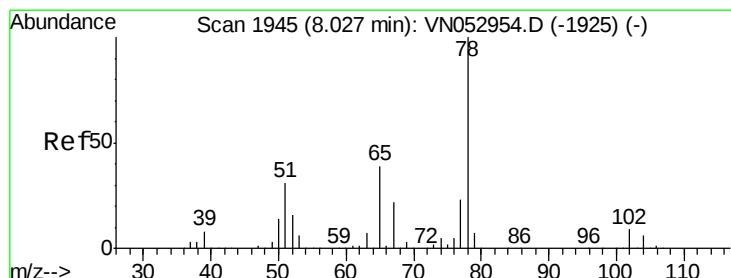
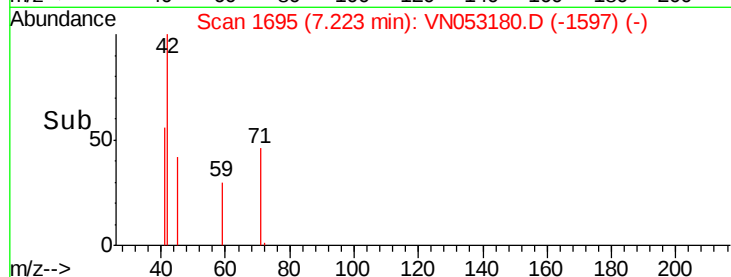
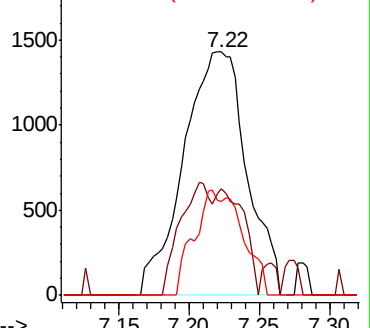
71 18.8 32.3 48.5#



Abundance Ion 42.00 (41.70 to 42.70): VN052954.D (-1659) (-)

Ion 72.00 (71.70 to 72.70): VN052954.D (-1659) (-)

Ion 71.00 (70.70 to 71.70): VN052954.D (-1659) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053180.D

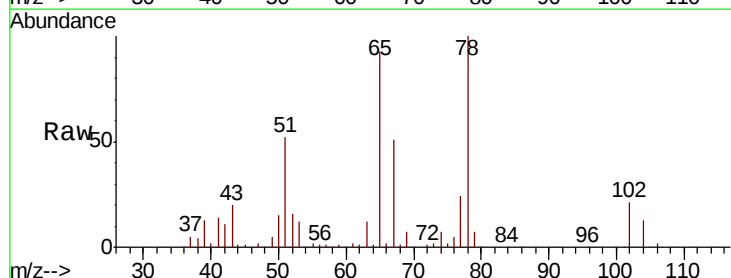
Acq: 24 Dec 2018 13:00

Tgt Ion: 65 Resp: 564722

Ion Ratio Lower Upper

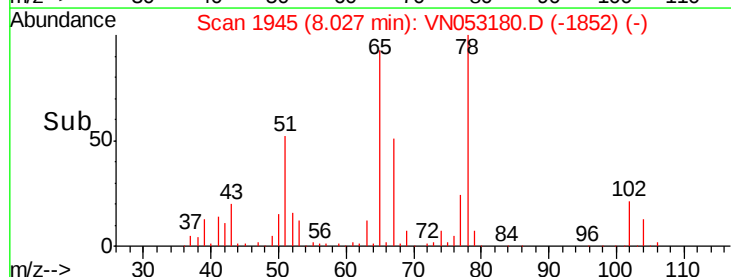
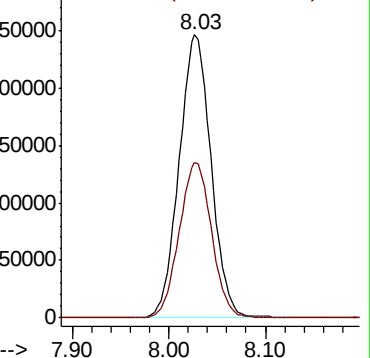
65 100

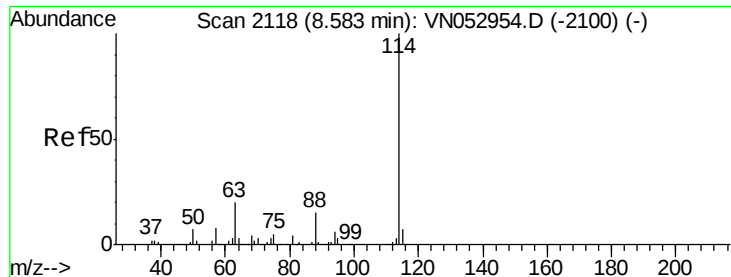
67 55.7 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052954.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN052954.D (-1925) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampleId :

23738

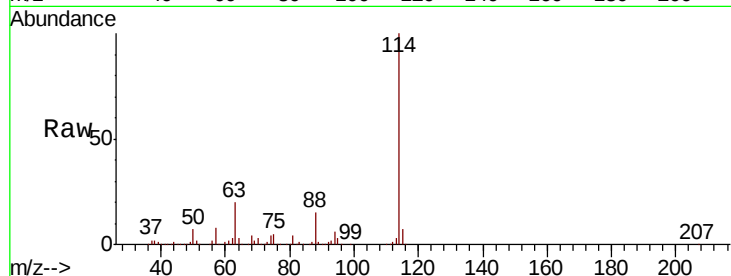
Tot Ion:114 Resp: 1789159

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

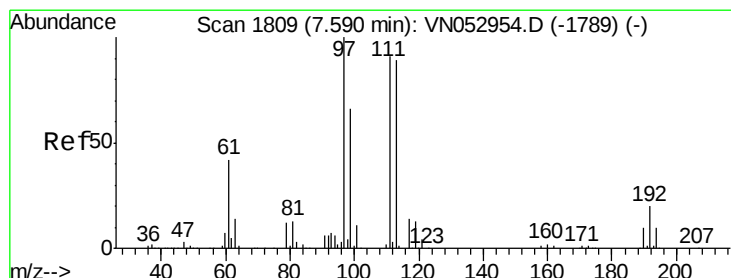
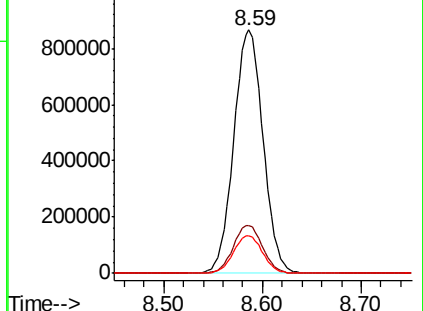
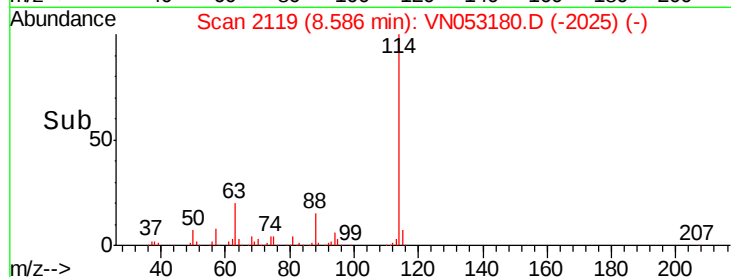
88 15.3 0.0 31.0



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# 1810

Delta R.T. 0.00 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

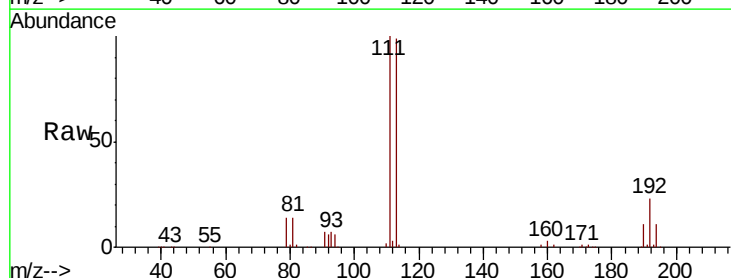
Tgt Ion:113 Resp: 497752

Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.4

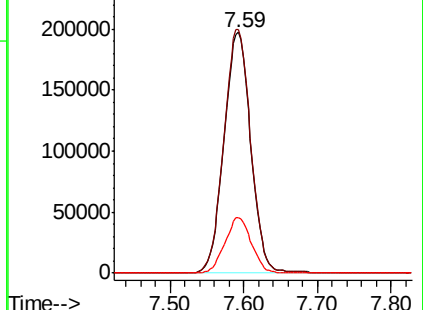
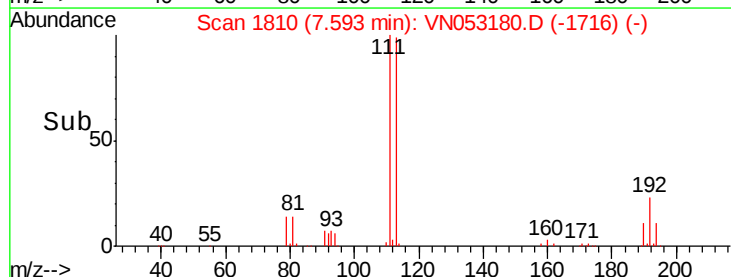
192 22.7 17.5 26.3

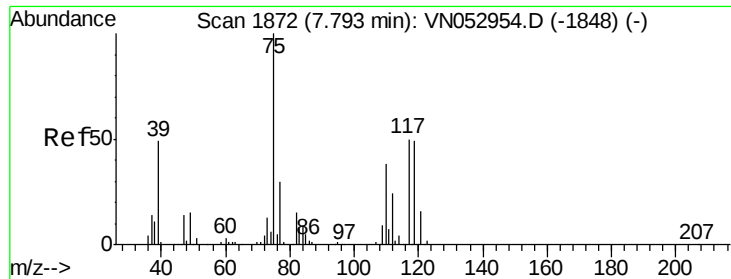


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

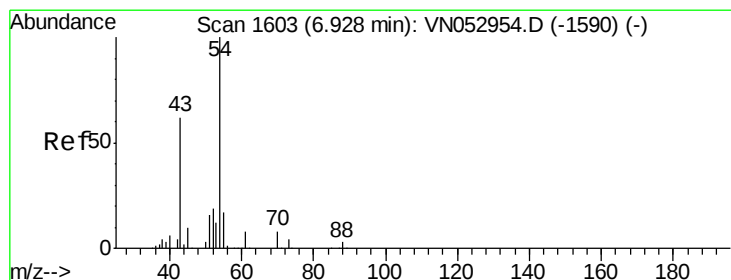
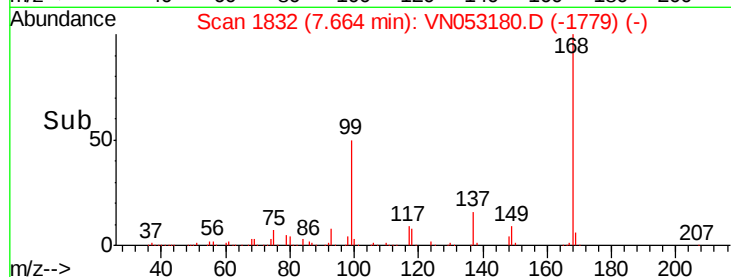
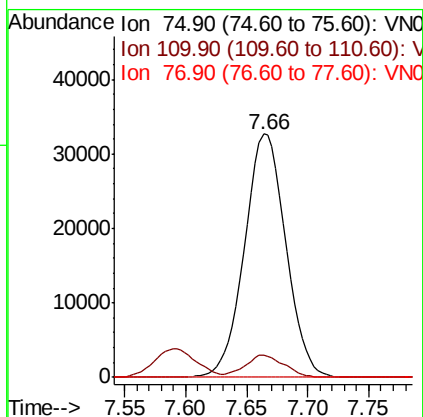
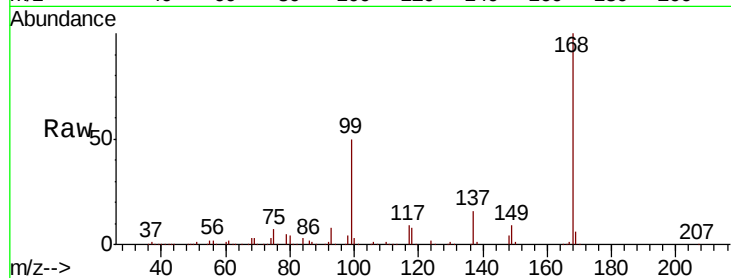




#36
 1,1-Dichloropropene
 Concen: 4.461 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053180.D
 Acq: 24 Dec 2018 13:00

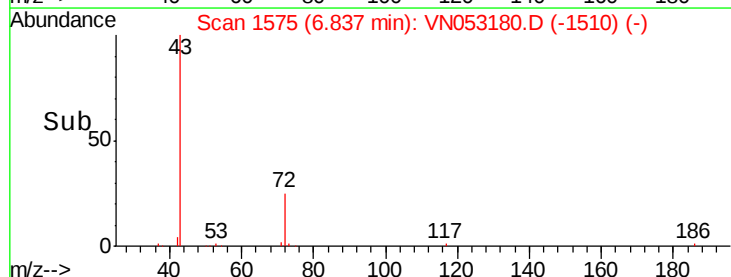
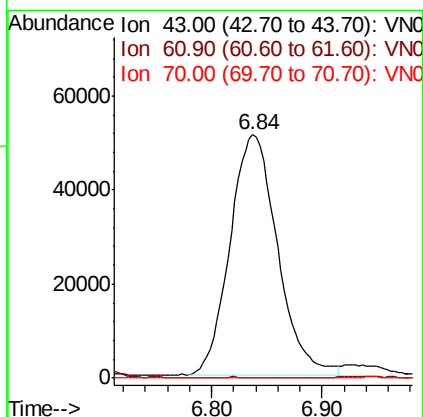
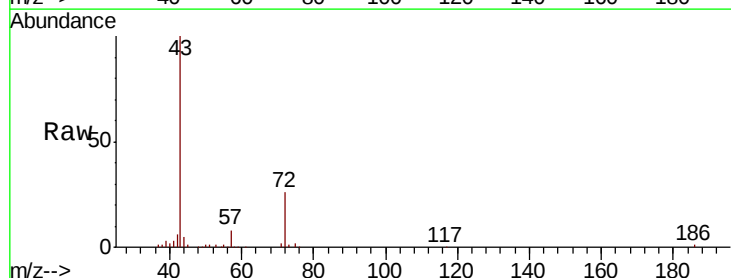
Instrument :
 MSVOA_N
 ClientSampled :
 23738

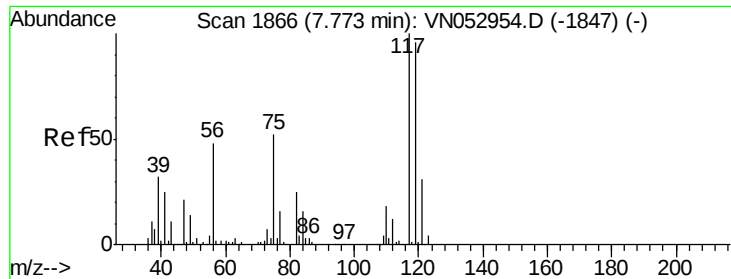
Tot Ion: 75 Resp: 76610
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.2 54.6#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 15.850 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.09 min
 Lab File: VN053180.D
 Acq: 24 Dec 2018 13:00

Tgt Ion: 43 Resp: 151946
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.6#
 70 0.0 8.4 12.6#





#38

Carbon Tetrachloride

Concen: 6.457 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampled :

23738

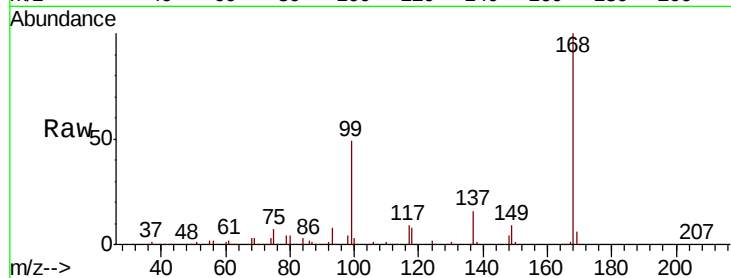
Tot Ion:117 Resp: 101641

Ion Ratio Lower Upper

117 100

119 4.9 77.1 115.7#

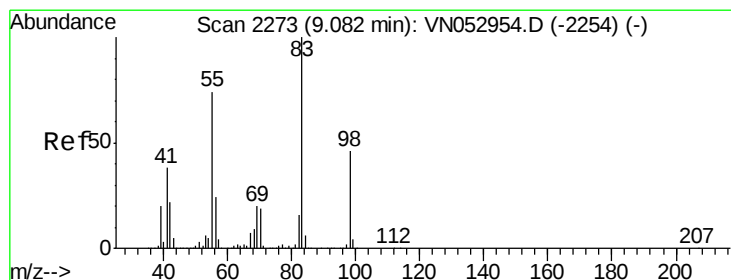
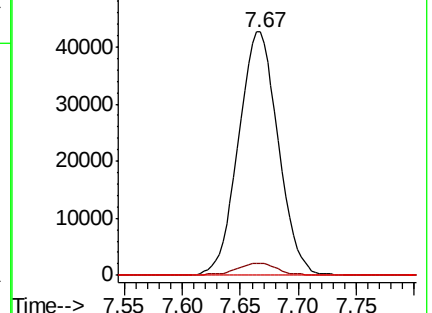
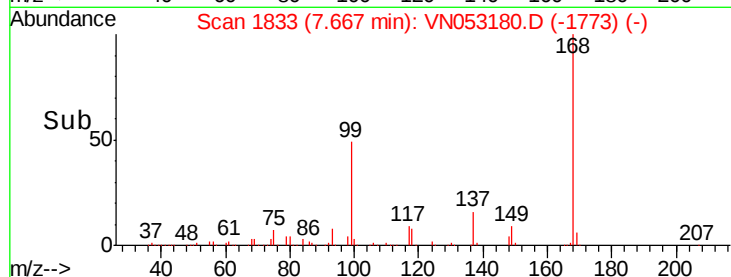
121 0.0 24.9 37.3#



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: 0.300 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

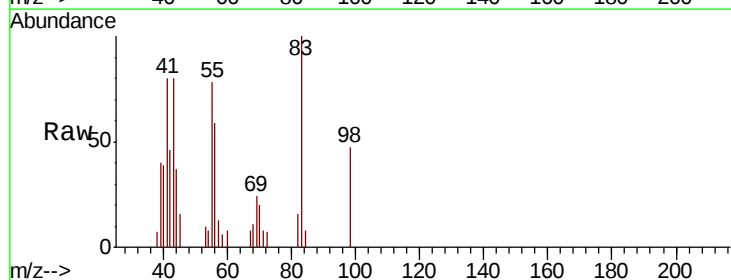
Tgt Ion: 83 Resp: 6260

Ion Ratio Lower Upper

83 100

55 67.3 61.3 91.9

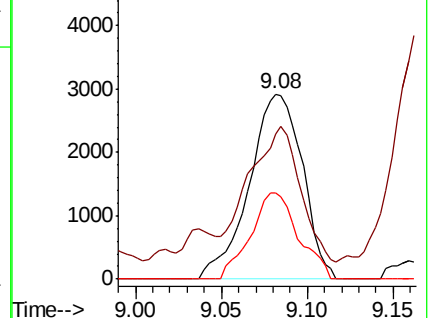
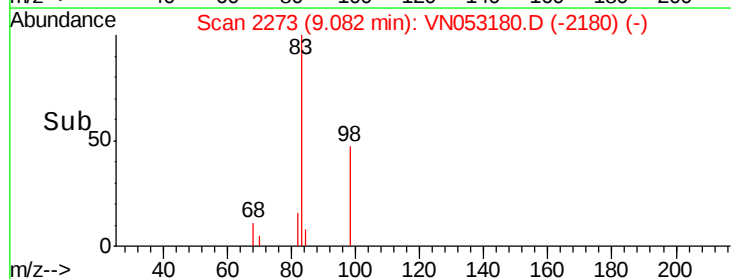
98 46.6 37.0 55.4

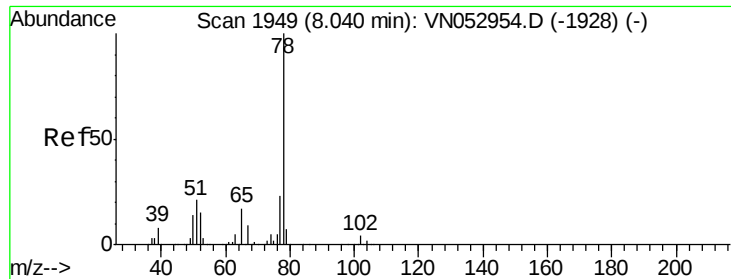


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#40

Benzene

Concen: 20.112 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampleId :

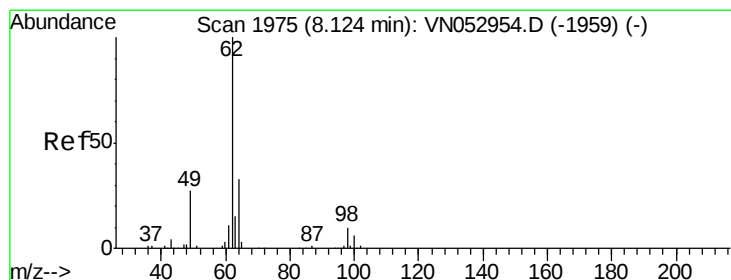
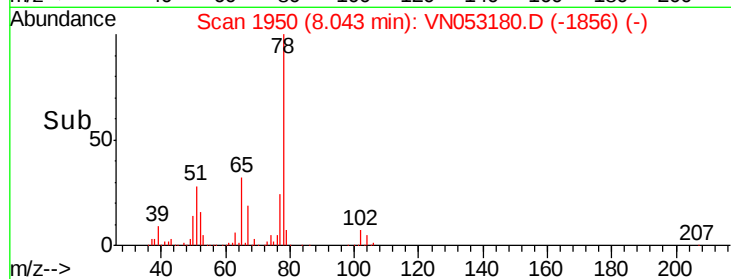
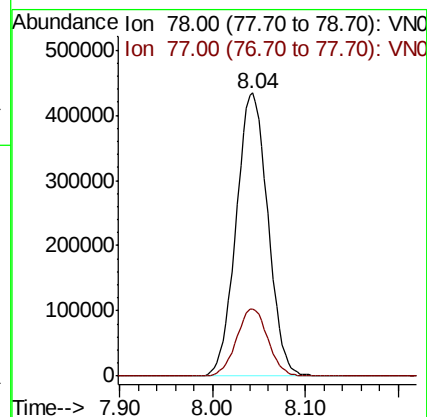
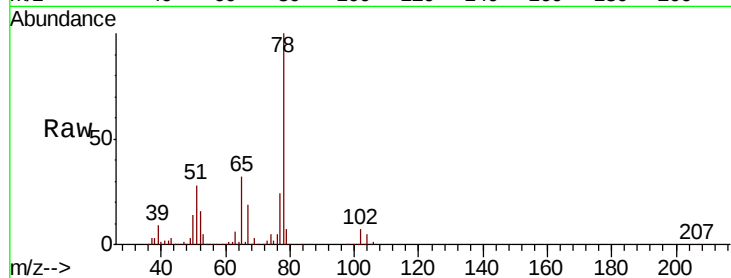
23738

Tot Ion: 78 Resp: 1027326

Ion Ratio Lower Upper

78 100

77 23.8 18.5 27.7



#42

1,2-Dichloroethane

Concen: 0.536 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.08 min

Lab File: VN053180.D

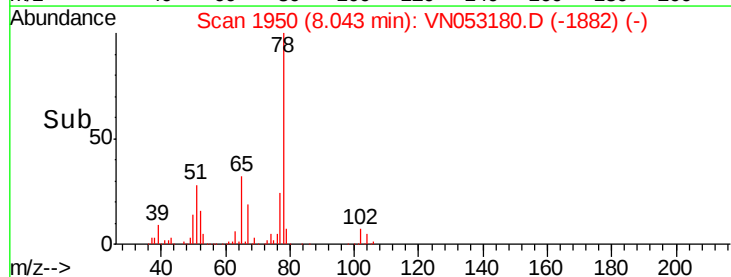
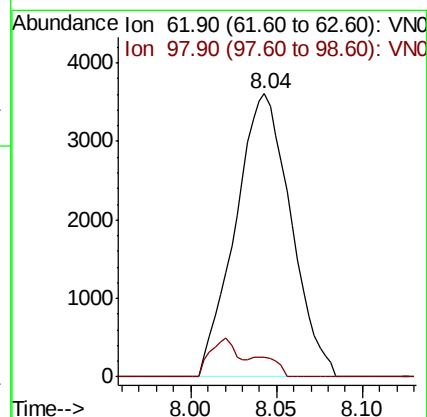
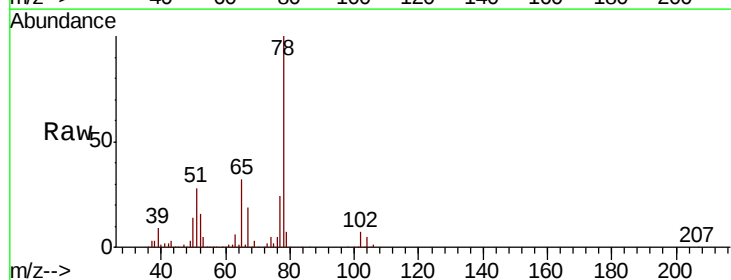
Acq: 24 Dec 2018 13:00

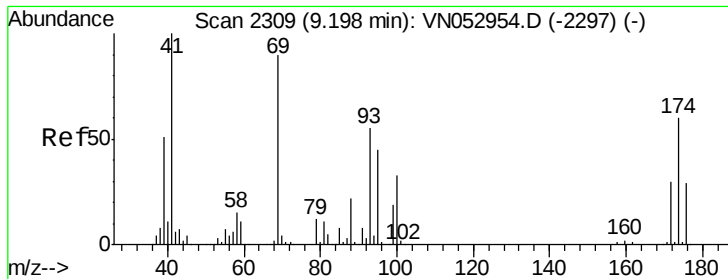
Tgt Ion: 62 Resp: 8086

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.0

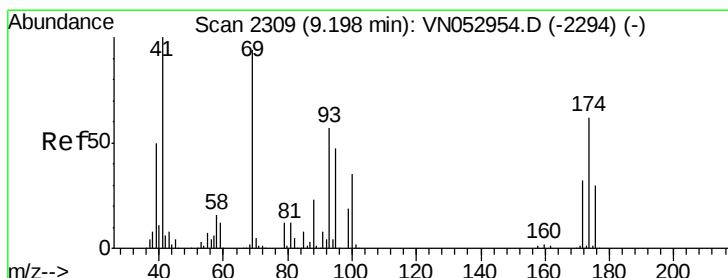
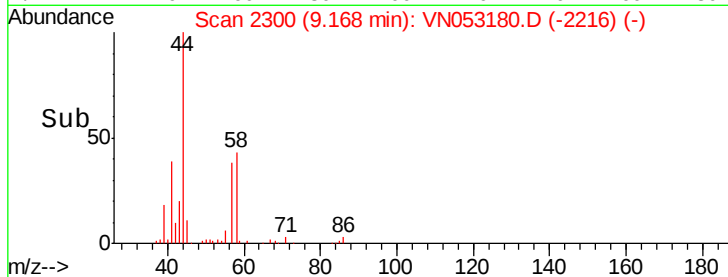
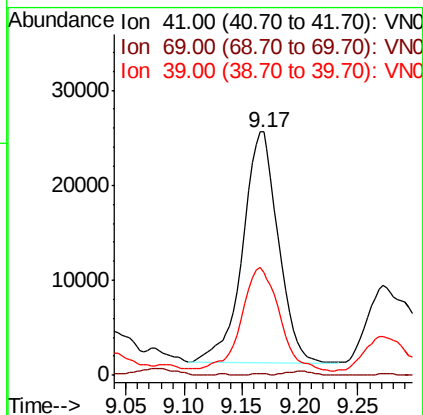
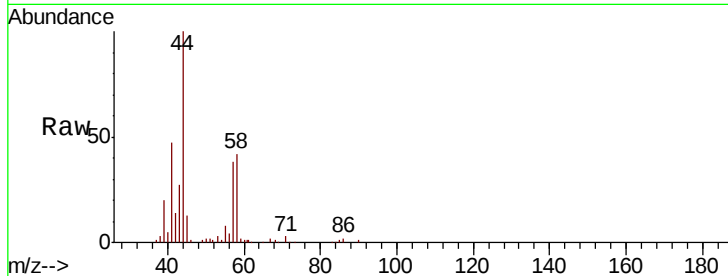




#48
Methvl methacrylate
Concen: 5.626 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.03 min
Lab File: VN053180.D
Acq: 24 Dec 2018 13:00

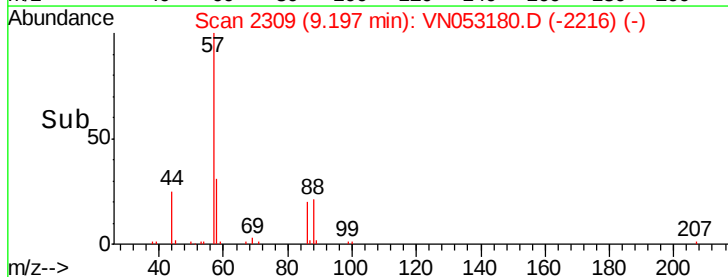
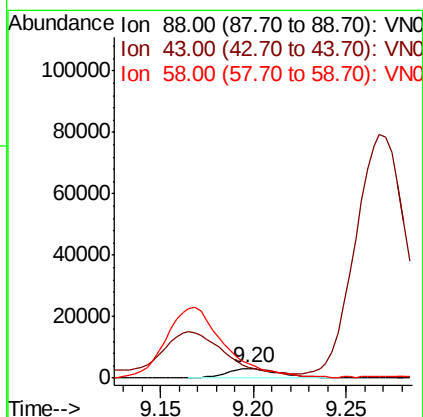
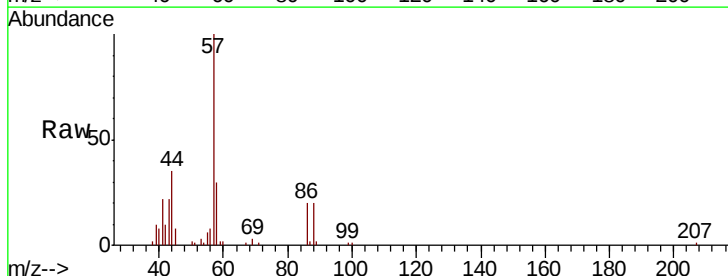
Instrument :
MSVOA_N
ClientSampleId :
23738

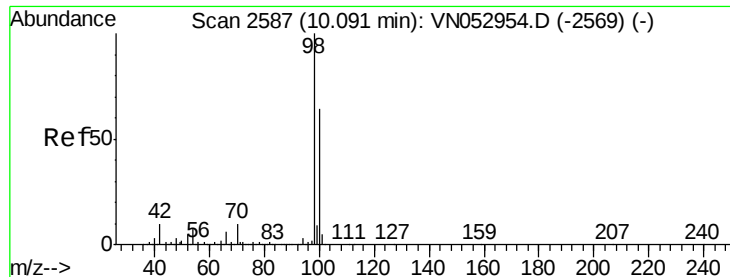
Tot Ion: 41 Resp: 52335
Ion Ratio Lower Upper
41 100
69 0.3 72.2 108.2#
39 47.3 41.9 62.9



#49
1,4-Dioxane
Concen: 52.152 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN053180.D
Acq: 24 Dec 2018 13:00

Tgt Ion: 88 Resp: 6137
Ion Ratio Lower Upper
88 100
43 0.0 26.6 40.0#
58 0.0 58.4 87.6#





#50

Toluene-d8

Concen: 52.152 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampleId :

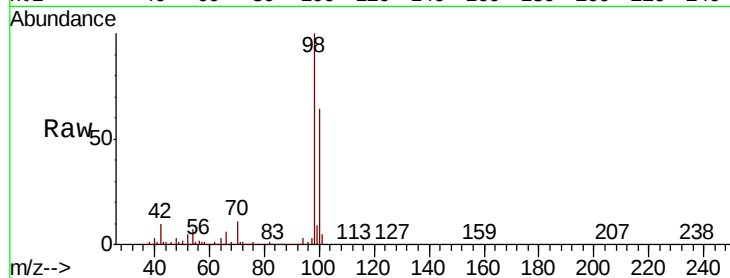
23738

Tot Ion: 98 Resp: 2223944

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053180.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053180.D (-2494) (-)

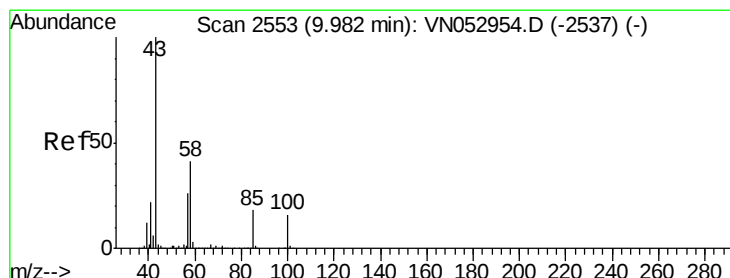
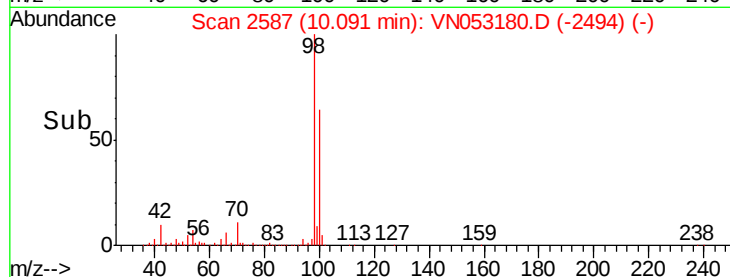
10.09

1000000

500000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 11.102 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053180.D

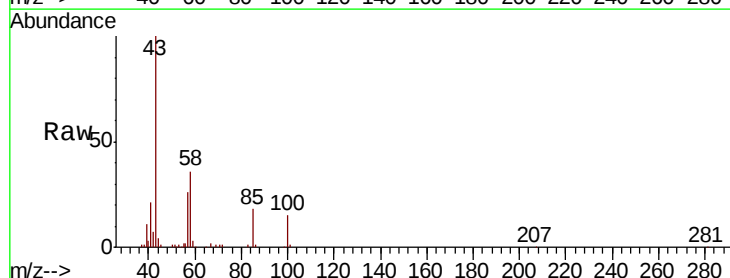
Acq: 24 Dec 2018 13:00

Tgt Ion: 43 Resp: 103067

Ion Ratio Lower Upper

43 100

58 39.8 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VN053180.D (-2460) (-)

Ion 58.00 (57.70 to 58.70): VN053180.D (-2460) (-)

9.99

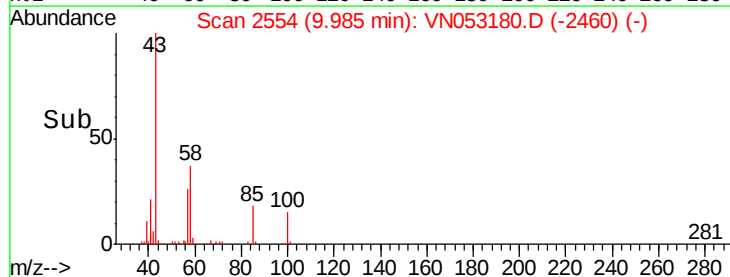
60000

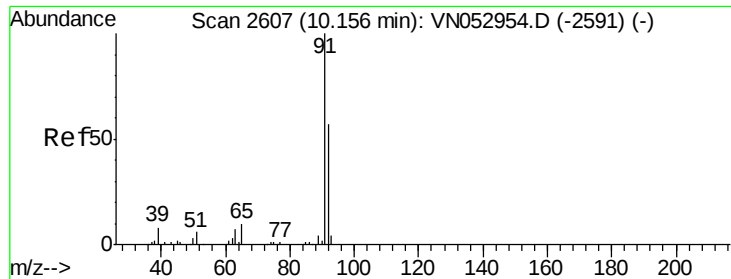
40000

20000

0

Time-->





#52

Toluene

Concen: 40.429 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampled :

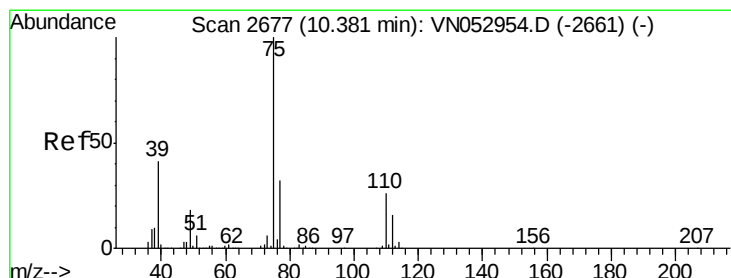
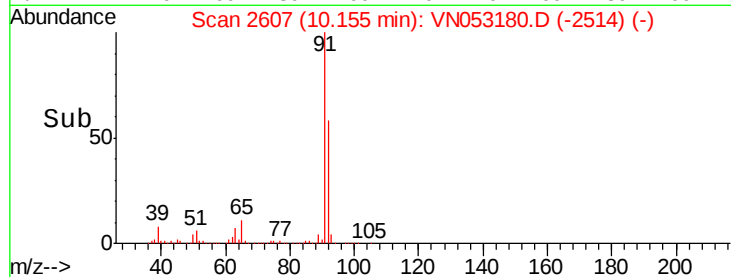
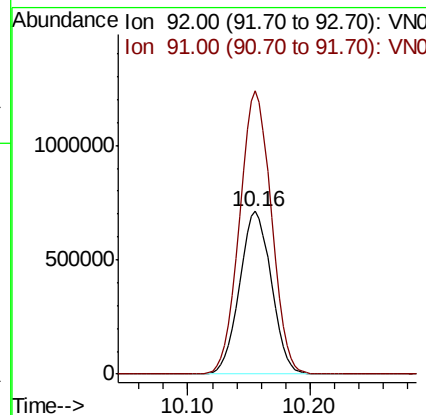
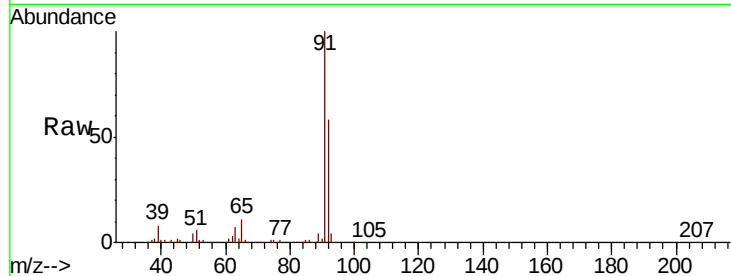
23738

Tot Ion: 92 Resp: 1280027

Ion Ratio Lower Upper

92 100

91 174.0 139.8 209.6



#53

t-1,3-Dichloropropene

Concen: 4.591 ug/l

RT: 10.24 min Scan# 2634

Delta R.T. -0.14 min

Lab File: VN053180.D

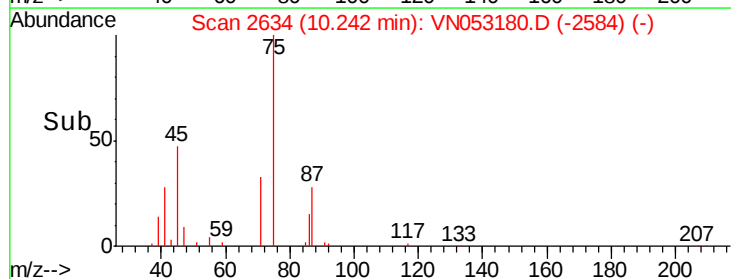
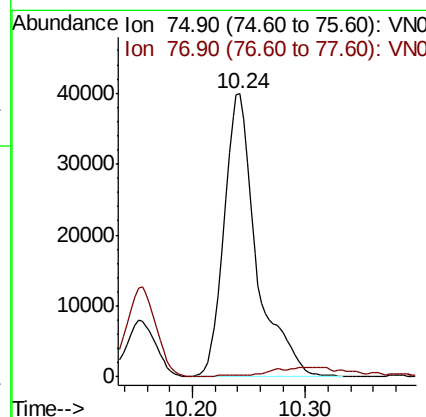
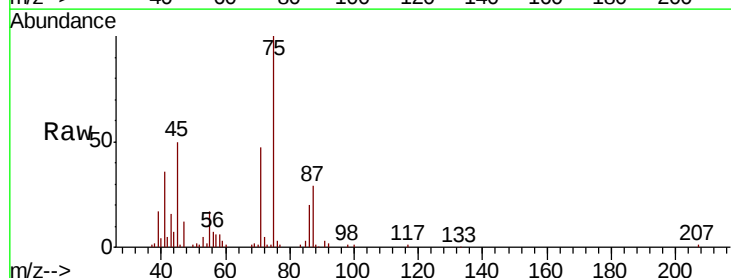
Acq: 24 Dec 2018 13:00

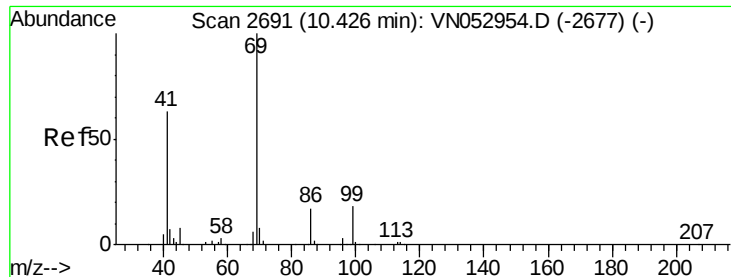
Tgt Ion: 75 Resp: 79543

Ion Ratio Lower Upper

75 100

77 0.6 25.6 38.4#





#56

Ethyl methacrylate

Concen: 0.263 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.06 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampled :
23738

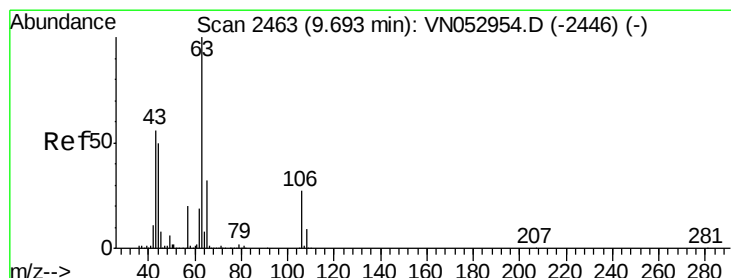
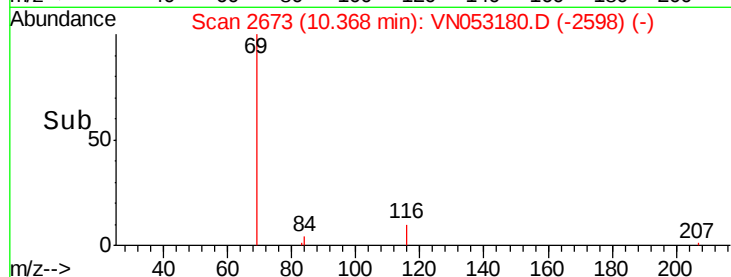
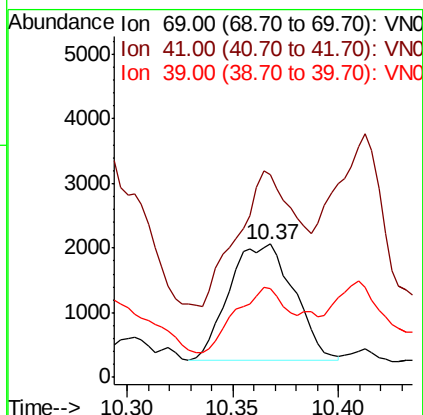
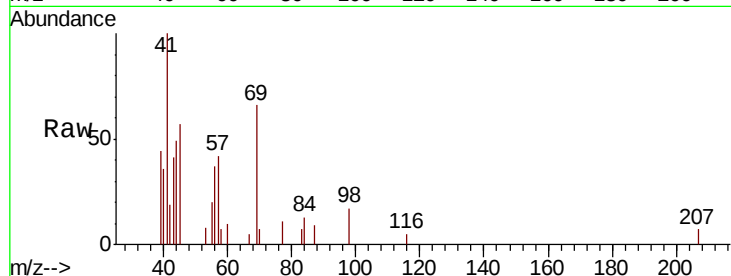
Tot Ion: 69 Resp: 3849

Ion Ratio Lower Upper

69 100

41 104.4 51.7 77.5#

39 0.0 24.6 37.0#



#58

2-Chloroethyl Vinyl ether

Concen: 0.383 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.12 min

Lab File: VN053180.D

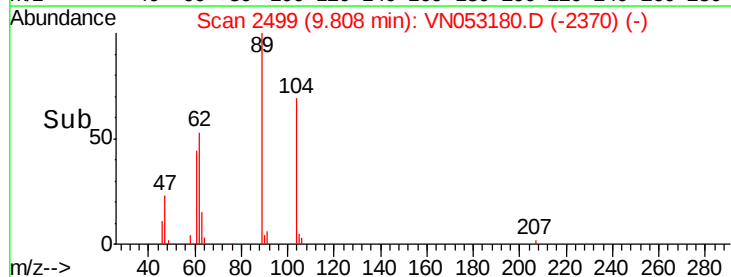
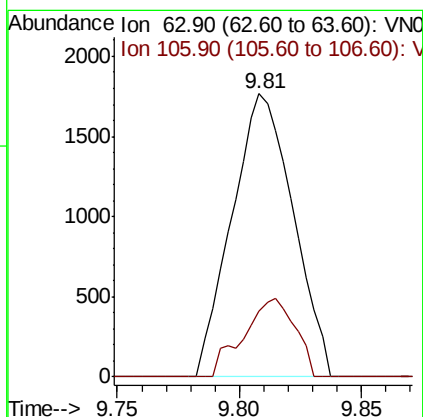
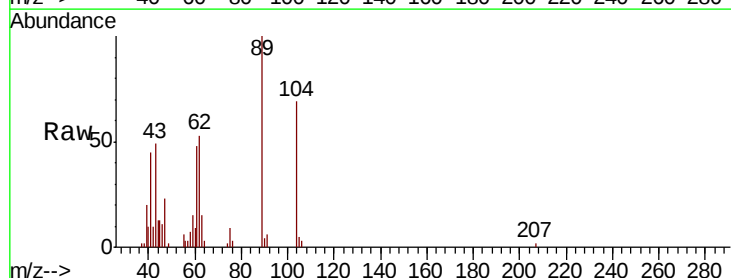
Acq: 24 Dec 2018 13:00

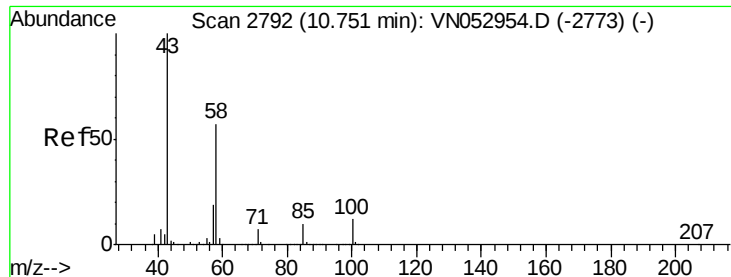
Tgt Ion: 63 Resp: 3073

Ion Ratio Lower Upper

63 100

106 23.4 21.0 31.6





#59

2-Hexanone

Concen: 4.679 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampled :

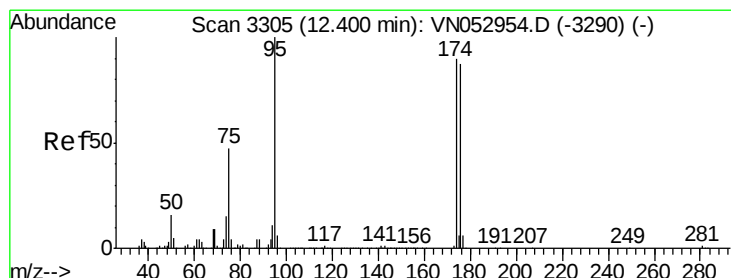
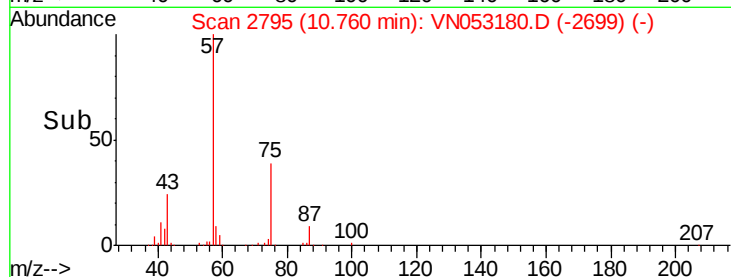
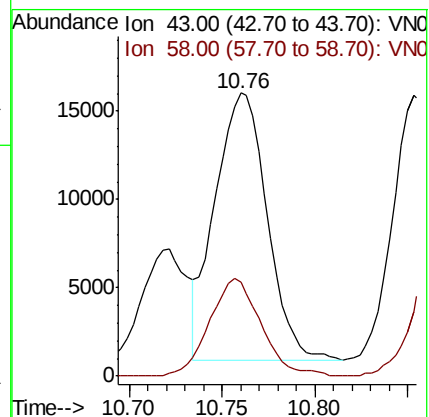
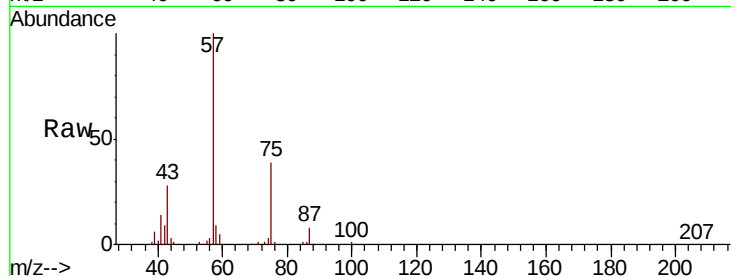
23738

Tot Ion: 43 Resp: 29391

Ion Ratio Lower Upper

43 100

58 36.4 28.1 84.3



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

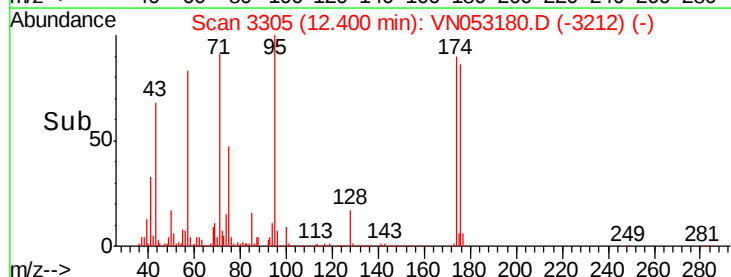
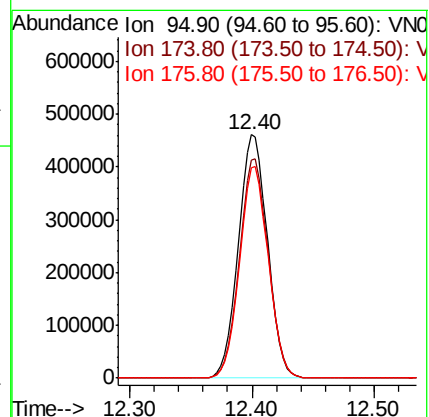
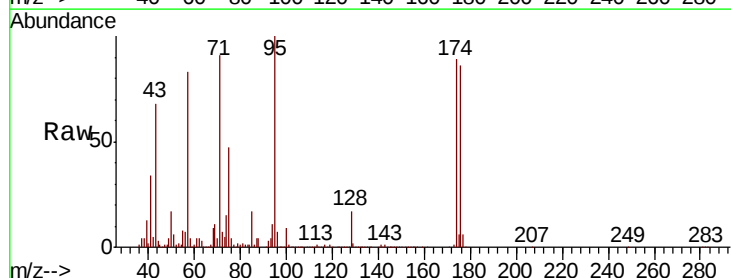
Tgt Ion: 95 Resp: 758571

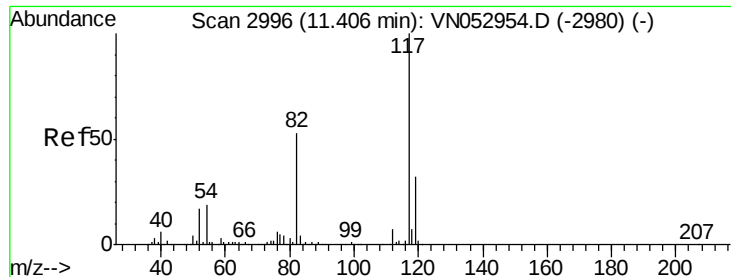
Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.8

176 86.0 0.0 173.8

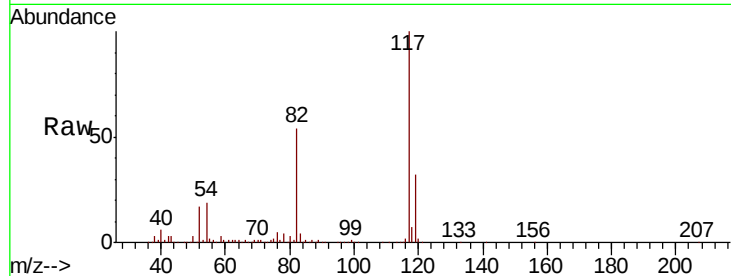




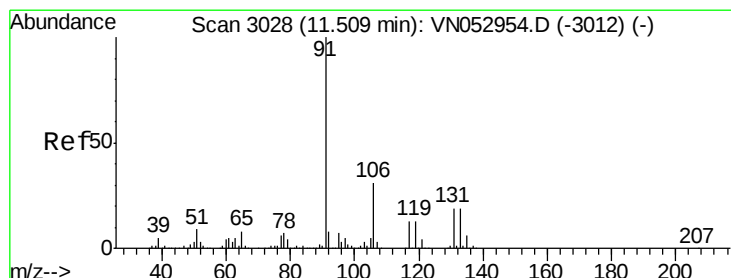
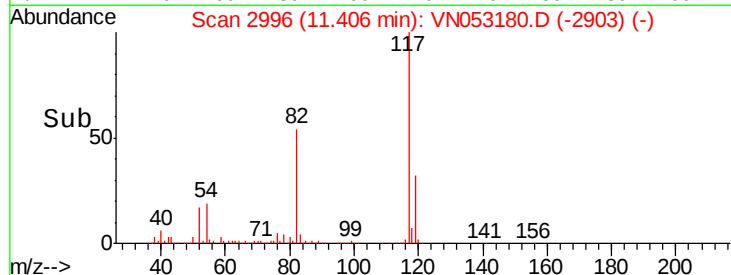
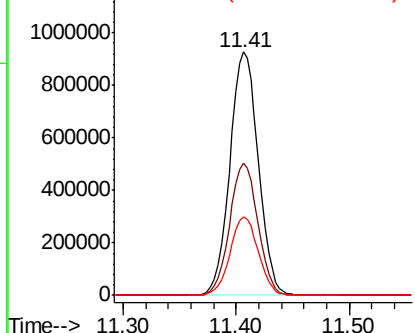
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053180.D
Acq: 24 Dec 2018 13:00

Instrument :
MSVOA_N
ClientSampleId :
23738

Tot Ion:117 Resp: 1618923
Ion Ratio Lower Upper
117 100
82 54.1 42.8 64.2
119 32.3 25.5 38.3

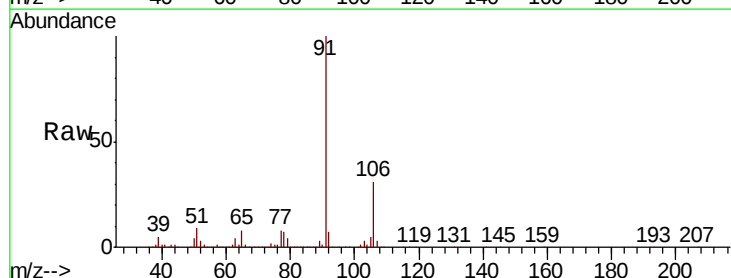


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

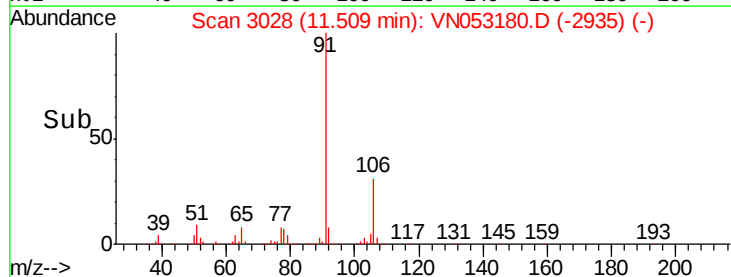
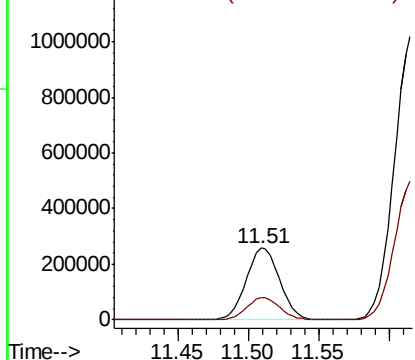


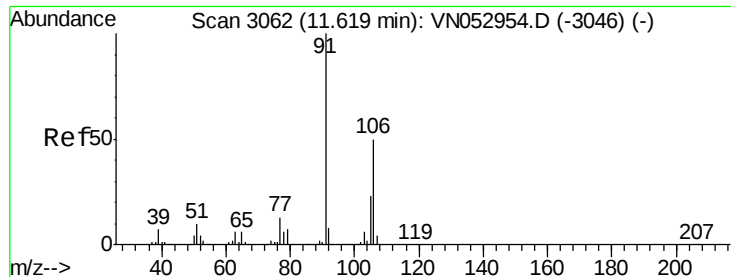
#67
Ethyl Benzene
Concen: 6.943 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053180.D
Acq: 24 Dec 2018 13:00

Tgt Ion: 91 Resp: 428500
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3



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

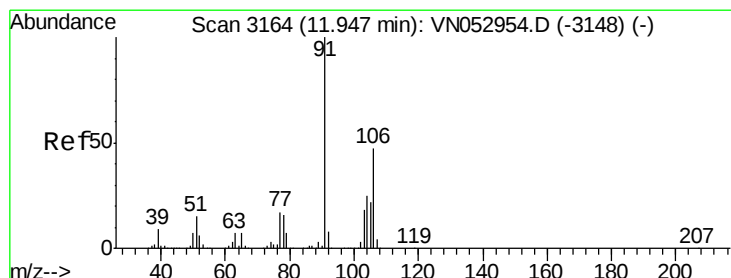
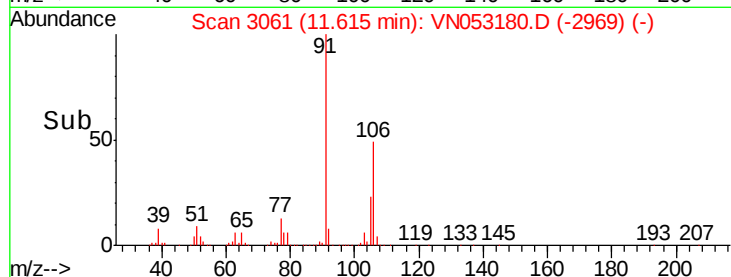
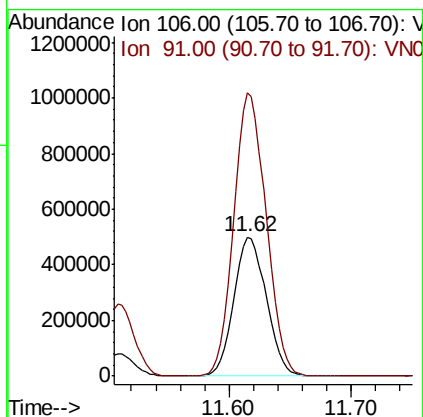
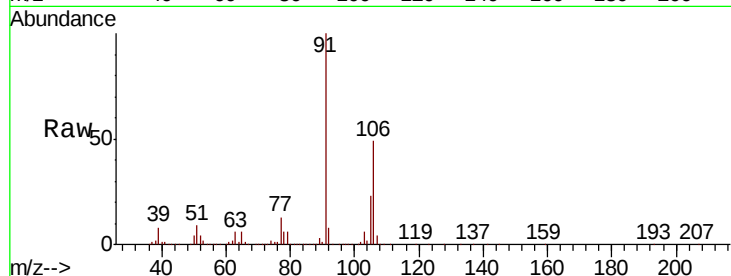




#68
m/p-Xylenes
Concen: 39.225 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN053180.D
Acq: 24 Dec 2018 13:00

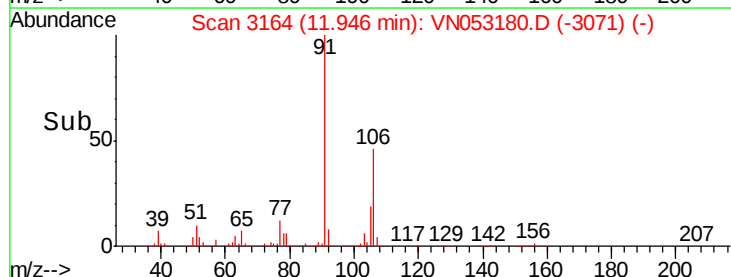
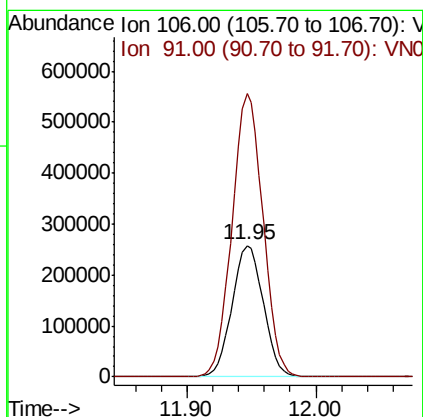
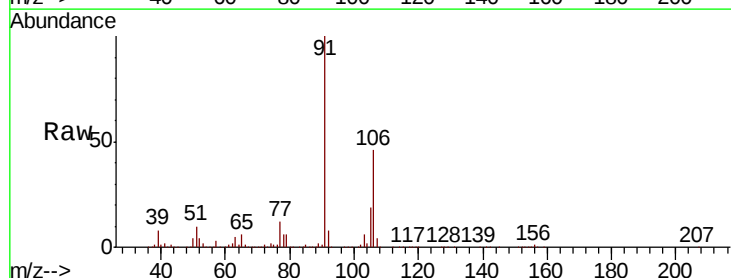
Instrument :
MSVOA_N
ClientSampleId :
23738

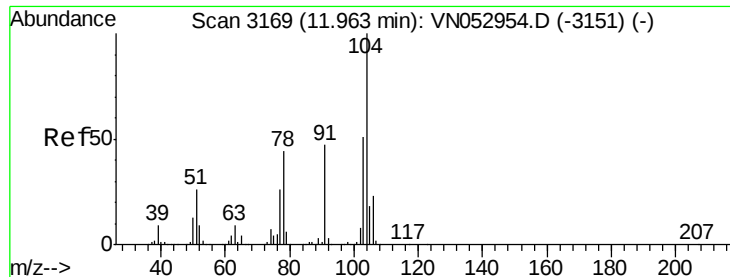
Tot Ion:106 Resp: 920280
Ion Ratio Lower Upper
106 100
91 203.2 162.2 243.4



#69
o-Xylene
Concen: 19.241 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053180.D
Acq: 24 Dec 2018 13:00

Tgt Ion:106 Resp: 433193
Ion Ratio Lower Upper
106 100
91 213.3 106.6 319.8





#70

Stvrene

Concen: 0.584 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.02 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampled :
23738

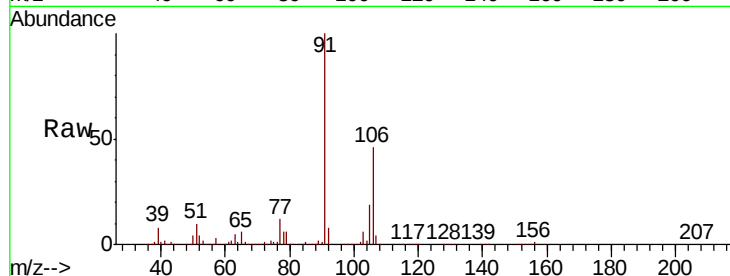
Tot Ion:104 Resp: 21452

Ion Ratio Lower Upper

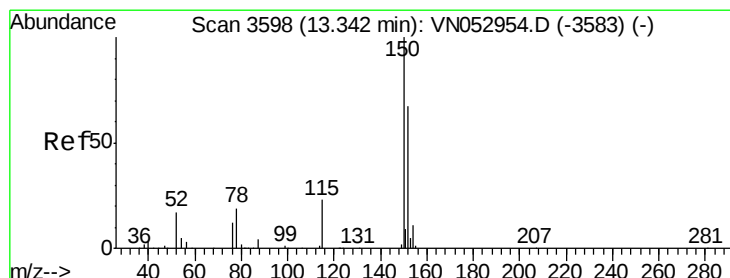
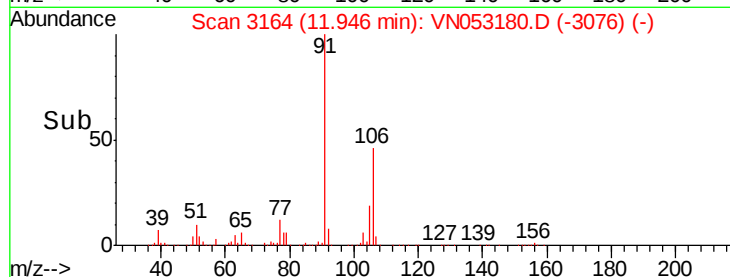
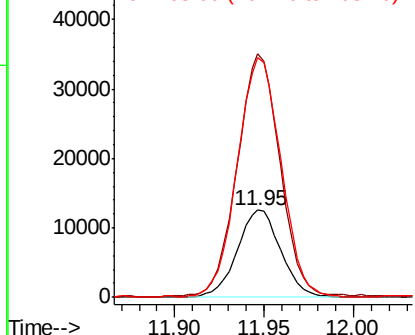
104 100

78 276.3 38.9 58.3#

103 277.0 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
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: VN053180.D

Acq: 24 Dec 2018 13:00

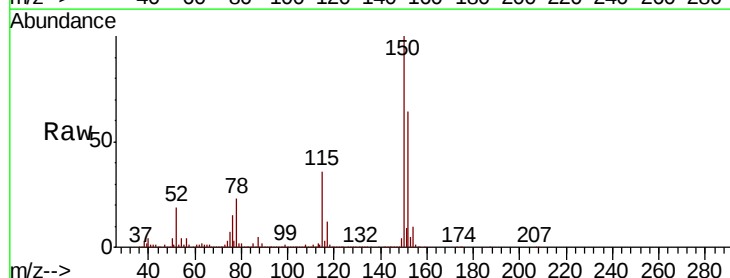
Tgt Ion:152 Resp: 696356

Ion Ratio Lower Upper

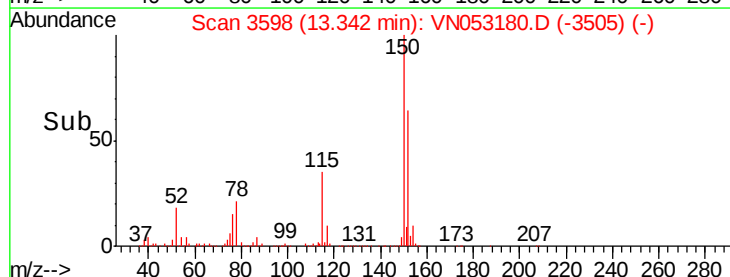
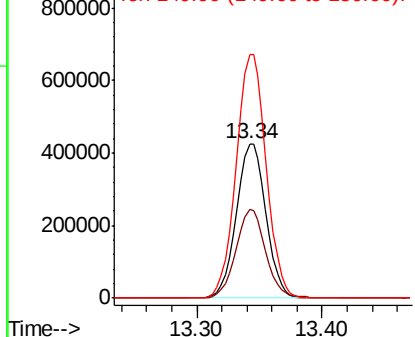
152 100

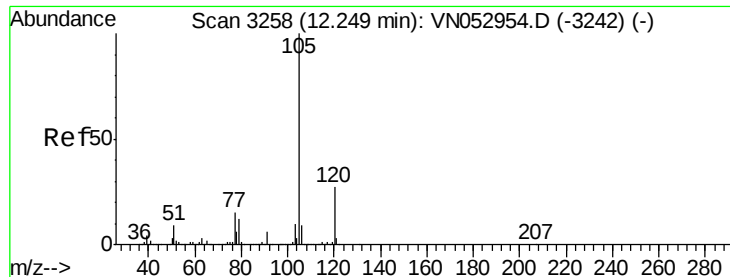
115 57.2 28.3 85.0

150 159.6 0.0 347.8



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: 0.534 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampled :

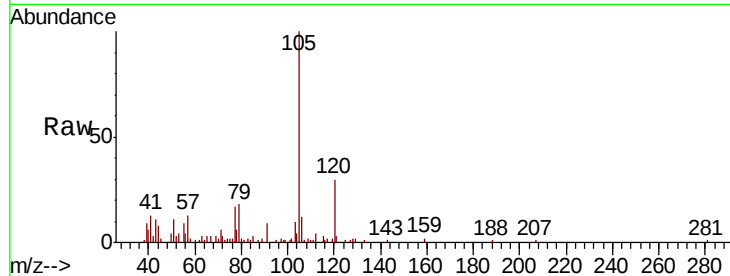
23738

Tot Ion:105 Resp: 29113

Ion Ratio Lower Upper

105 100

120 27.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

20000

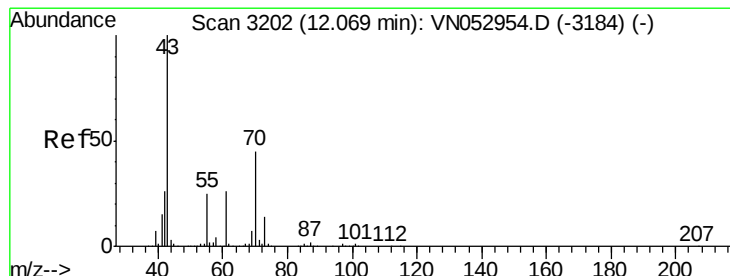
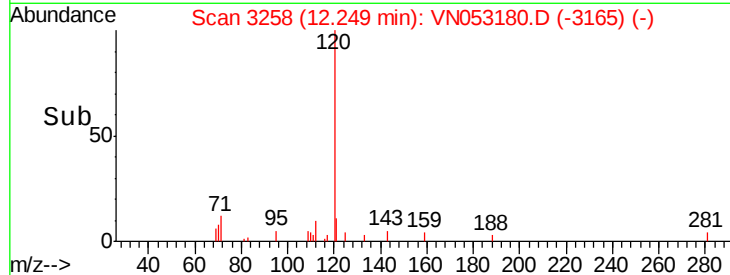
15000

10000

5000

0

Time-->



#74

N-ethyl acetate

Concen: 0.862 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.06 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Tgt Ion: 43 Resp: 13043

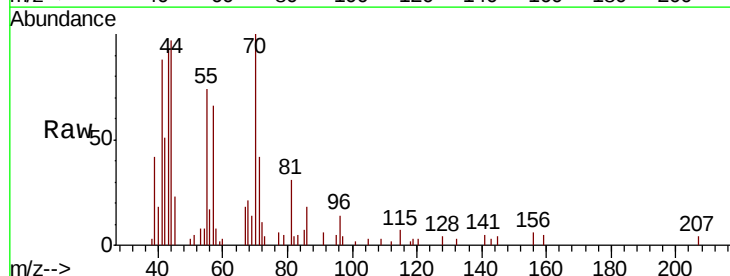
Ion Ratio Lower Upper

43 100

70 82.1 34.2 51.4#

55 51.9 20.3 30.5#

61 0.0 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

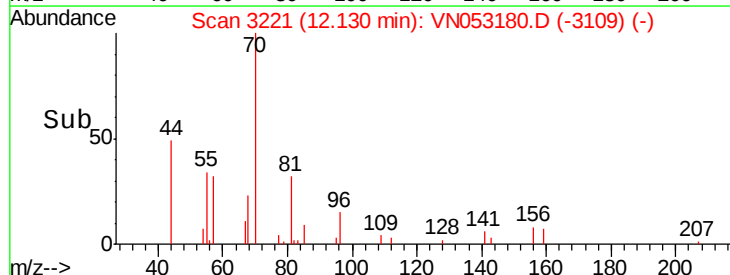
15000

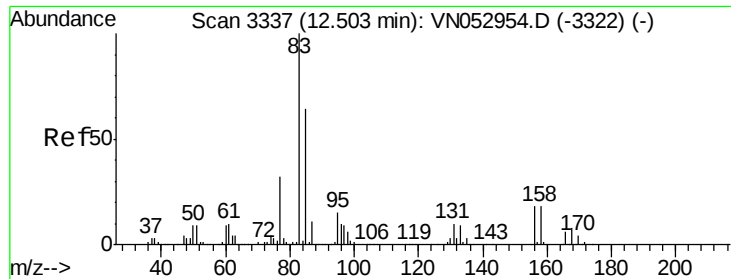
10000

5000

0

Time-->

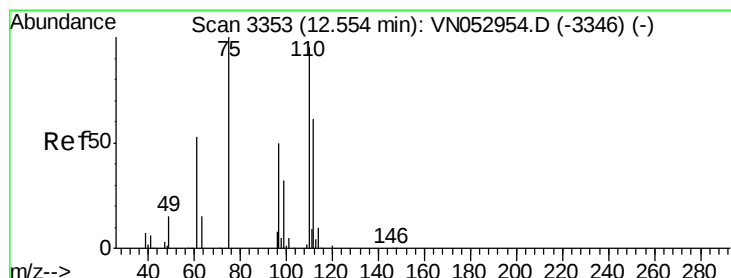
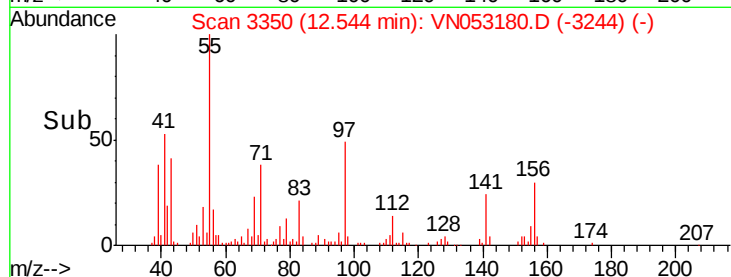
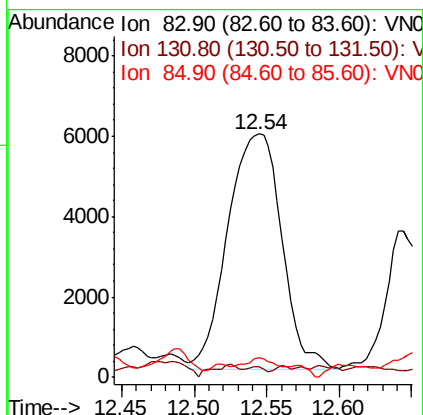
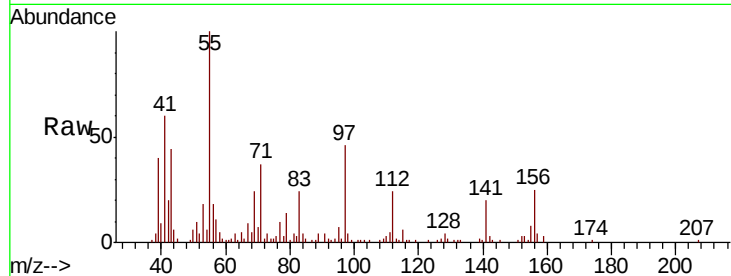




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.415 ug/l
 RT: 12.54 min Scan# 3350
 Delta R.T. 0.04 min
 Lab File: VN053180.D
 Acq: 24 Dec 2018 13:00

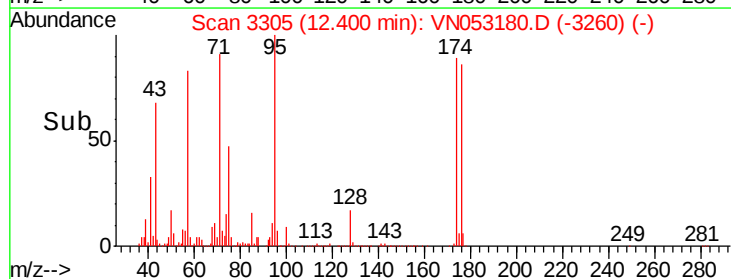
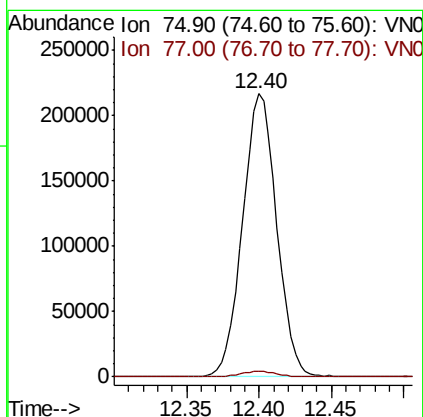
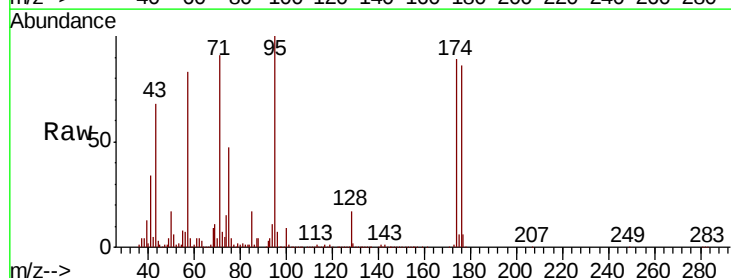
Instrument :
 MSVOA_N
 ClientSampled :
 23738

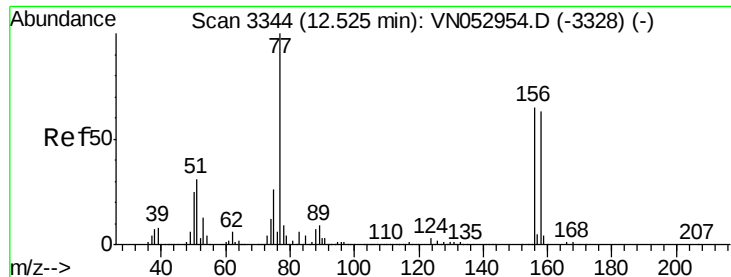
Tot Ion: 83 Resp: 15130
 Ion Ratio Lower Upper
 83 100
 131 1.2 5.2 15.6#
 85 0.0 32.4 97.0#



#76
 1,2,3-Trichloropropane
 Concen: 30.261 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN053180.D
 Acq: 24 Dec 2018 13:00

Tgt Ion: 75 Resp: 354736
 Ion Ratio Lower Upper
 75 100
 77 2.3 0.0 0.0#





#77

Bromobenzene

Concen: 1.870 ug/l

RT: 12.56 min Scan# 3355

Delta R.T. 0.04 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampled :

23738

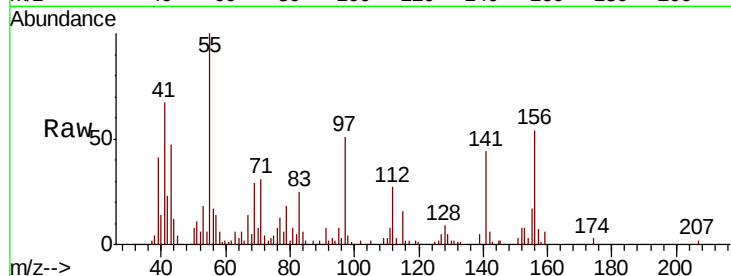
Tot Ion:156 Resp: 26479

Ion Ratio Lower Upper

156 100

77 14.3 91.3 273.8#

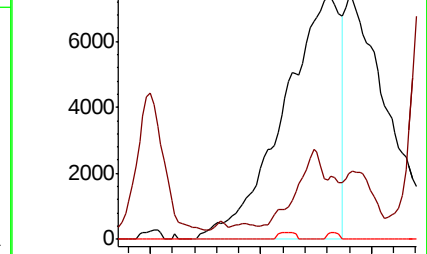
158 0.5 49.0 147.2#



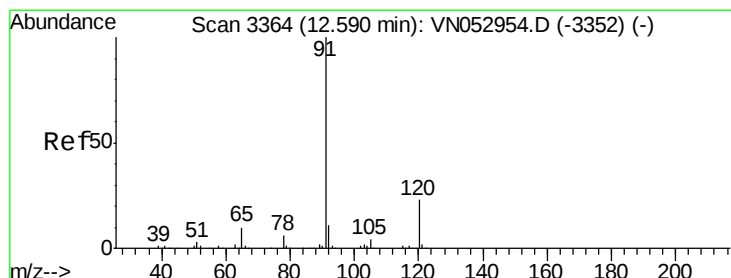
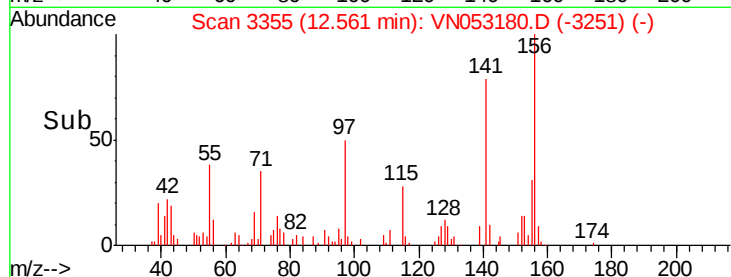
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 0.571 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053180.D

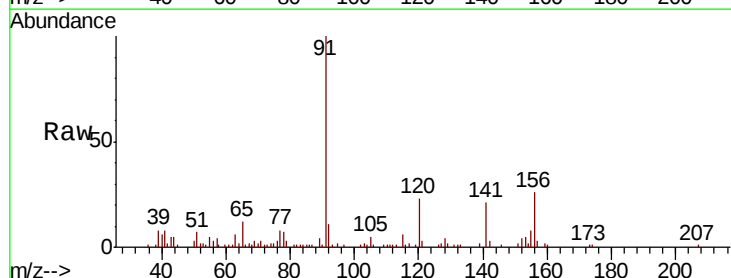
Acq: 24 Dec 2018 13:00

Tgt Ion: 91 Resp: 35452

Ion Ratio Lower Upper

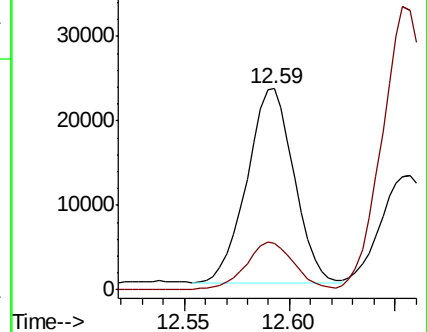
91 100

120 25.7 11.5 34.5

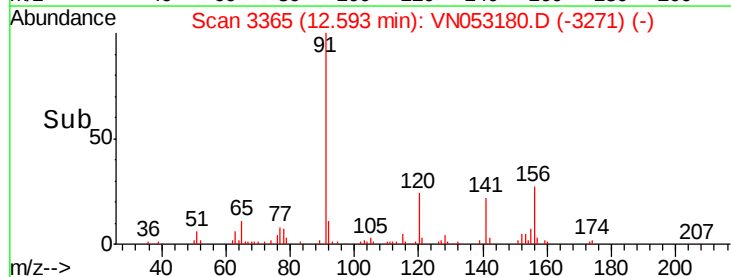


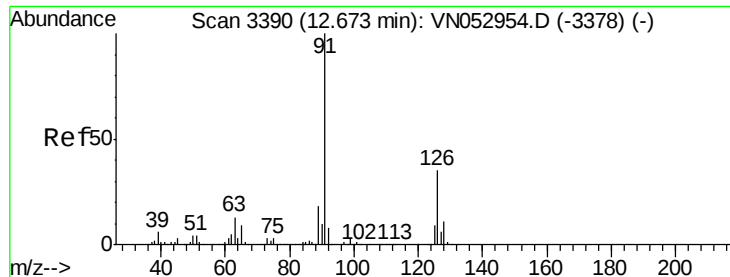
Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->

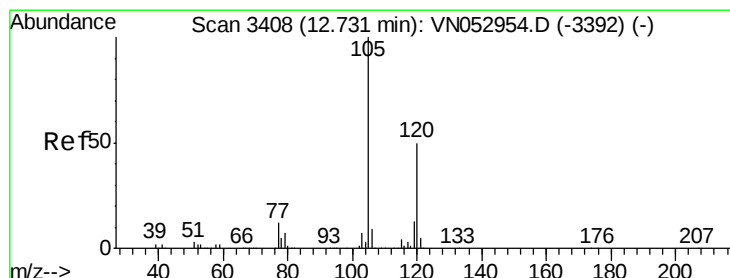
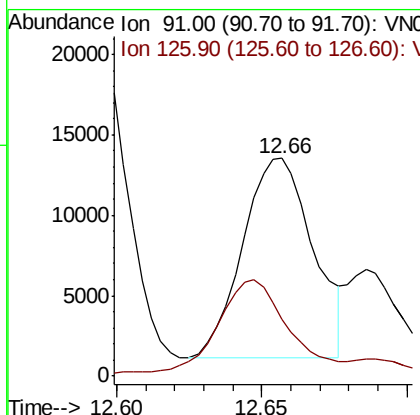
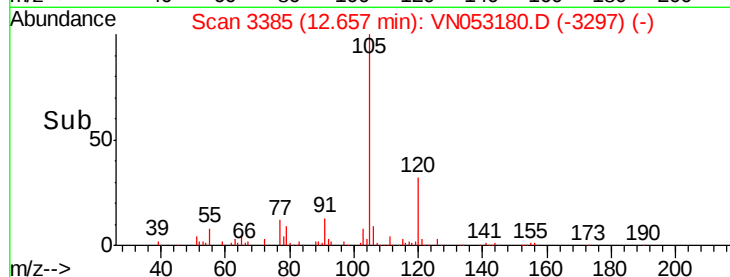
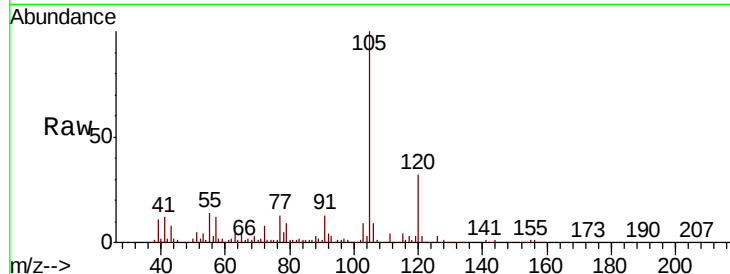




#79
 2-Chlorotoluene
 Concen: 0.546 ug/l
 RT: 12.66 min Scan# 3385
 Delta R.T. -0.02 min
 Lab File: VN053180.D
 Acq: 24 Dec 2018 13:00

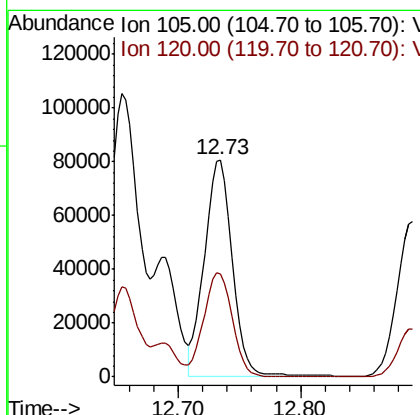
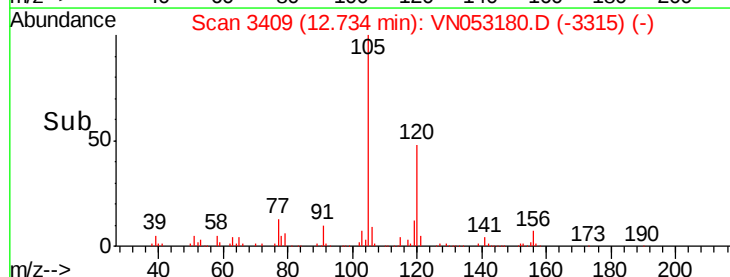
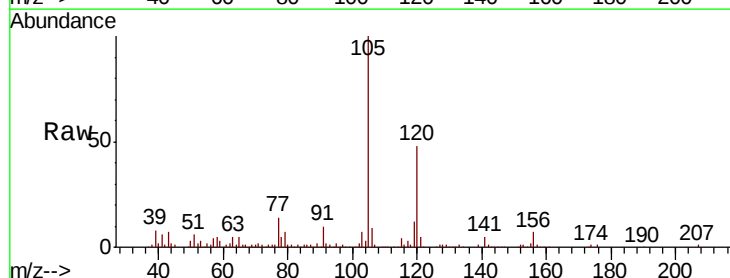
Instrument :
 MSVOA_N
 ClientSampleId :
 23738

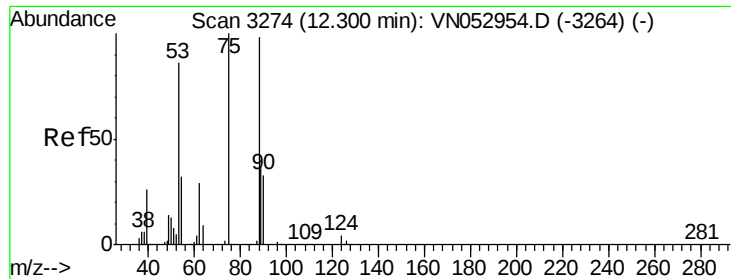
Tot Ion: 91 Resp: 21004
 Ion Ratio Lower Upper
 91 100
 126 44.5 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 2.874 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053180.D
 Acq: 24 Dec 2018 13:00

Tgt Ion: 105 Resp: 127649
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 97.536 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampleId :
23738

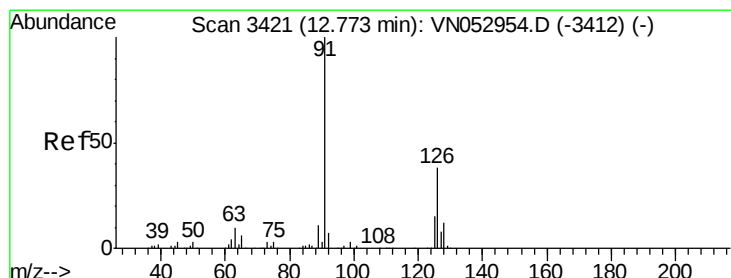
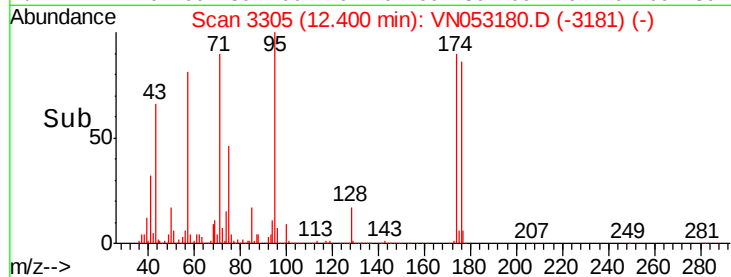
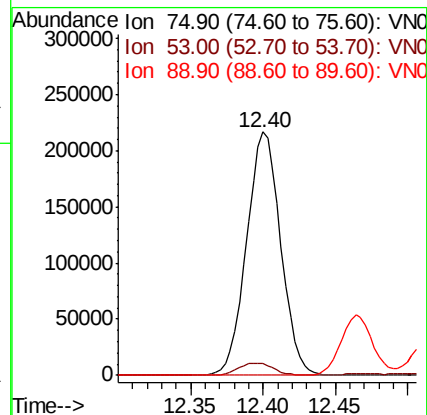
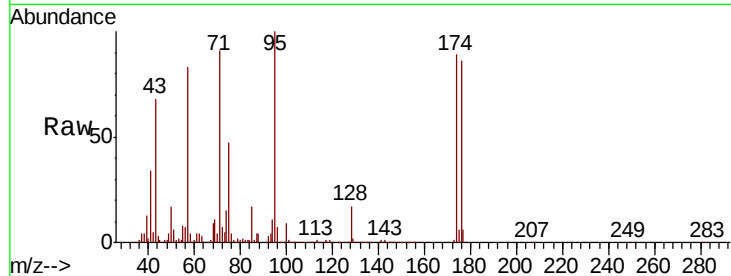
Tot Ion: 75 Resp: 354736

Ion Ratio Lower Upper

75 100

53 5.4 74.7 112.1#

89 0.0 36.1 54.1#



#82

4-Chlorotoluene

Concen: 0.558 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.12 min

Lab File: VN053180.D

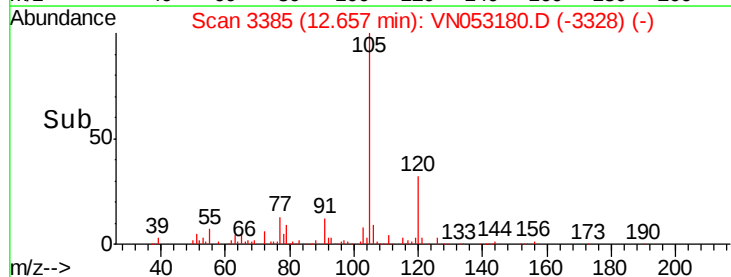
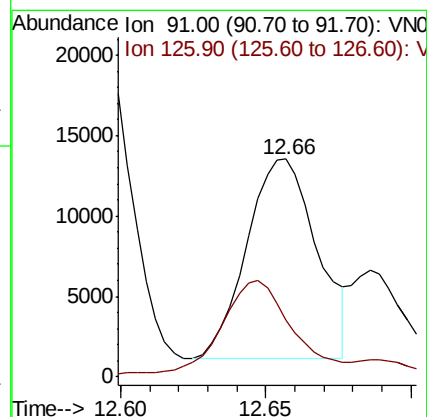
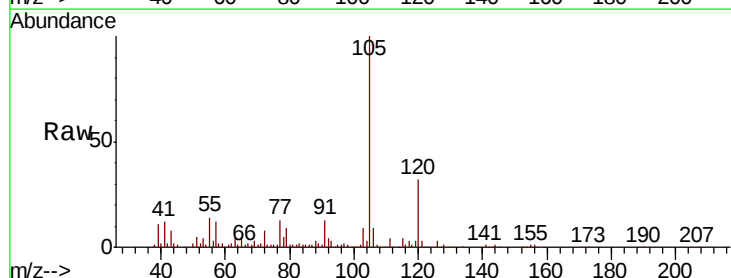
Acq: 24 Dec 2018 13:00

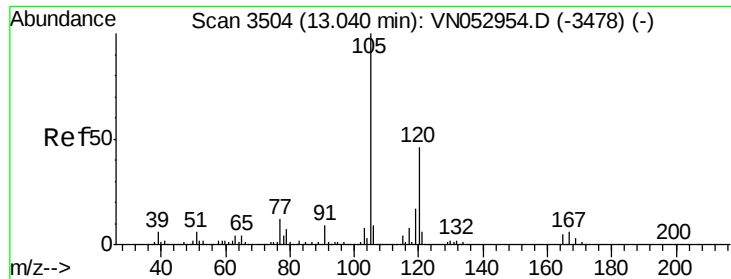
Tgt Ion: 91 Resp: 21004

Ion Ratio Lower Upper

91 100

126 44.5 17.3 51.7

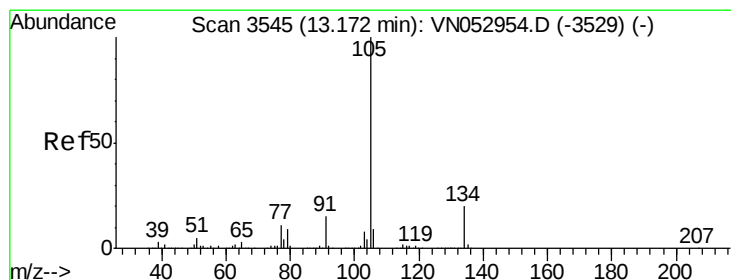
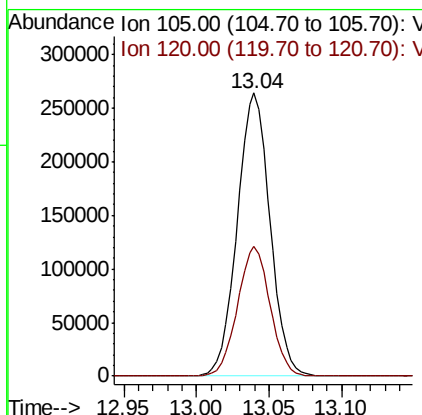
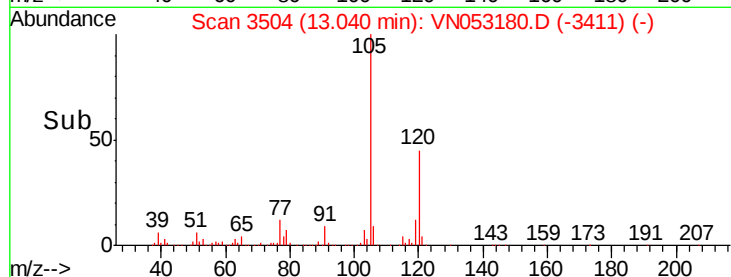
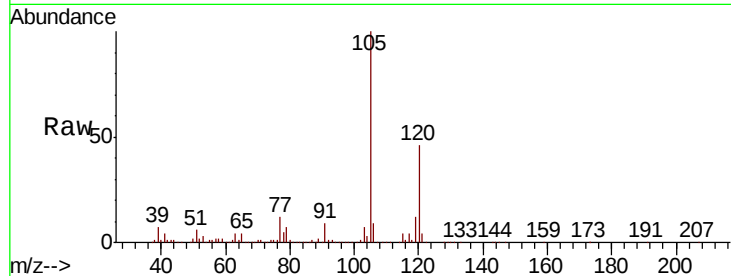




#84
 1,2,4-Trimethylbenzene
 Concen: 9.252 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053180.D
 Acq: 24 Dec 2018 13:00

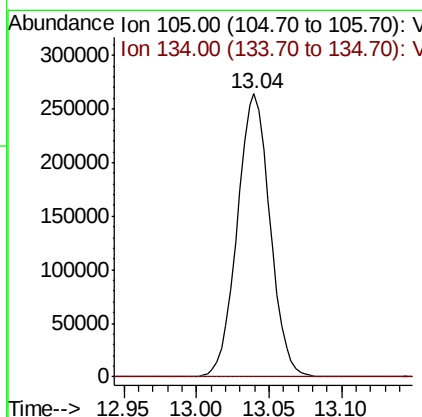
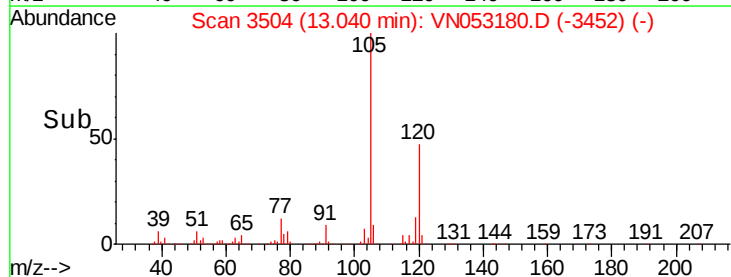
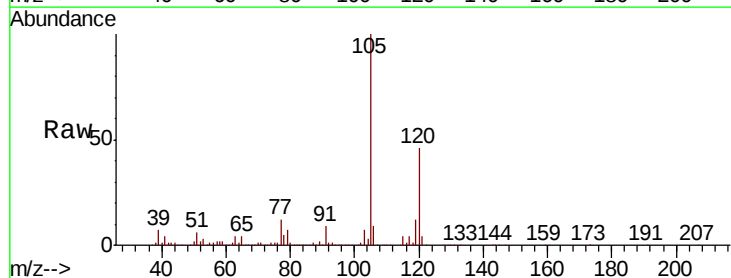
Instrument :
 MSVOA_N
 ClientSampled :
 23738

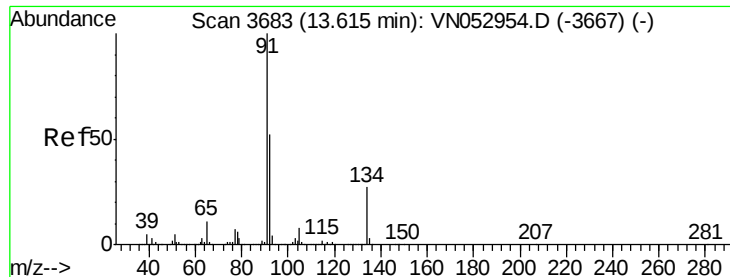
Tot Ion:105 Resp: 413059
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.8



#85
 sec-Butylbenzene
 Concen: 7.775 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN053180.D
 Acq: 24 Dec 2018 13:00

Tgt Ion:105 Resp: 413059
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.1 30.3#





#89

n-Butylbenzene

Concen: 0.828 ug/l

RT: 13.58 min Scan# 3673

Delta R.T. -0.03 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampleId :

23738

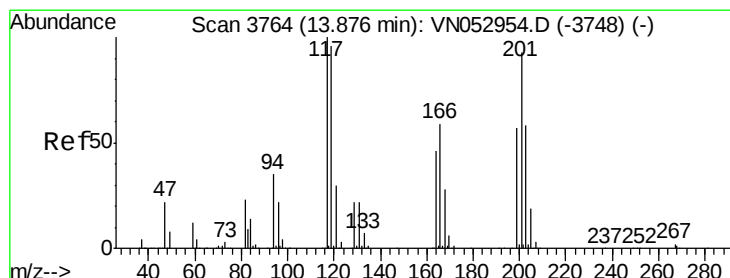
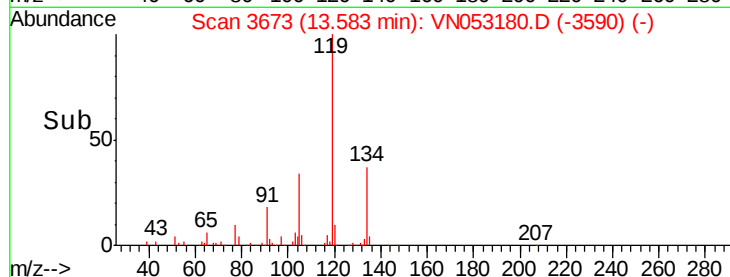
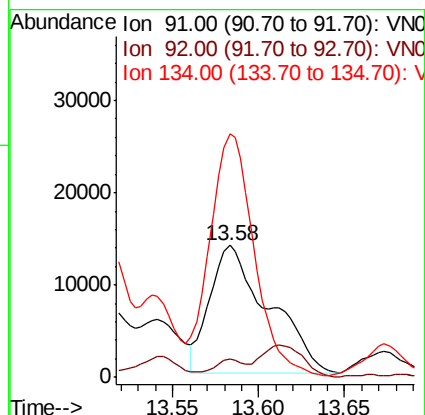
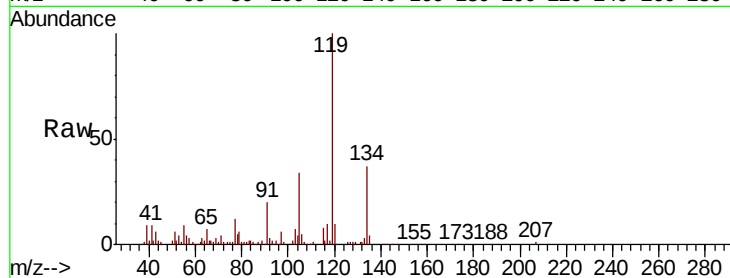
Tot Ion: 91 Resp: 32713

Ion Ratio Lower Upper

91 100

92 6.8 26.3 78.9#

134 144.0 13.3 39.8#



#90

Hexachloroethane

Concen: 3.024 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053180.D

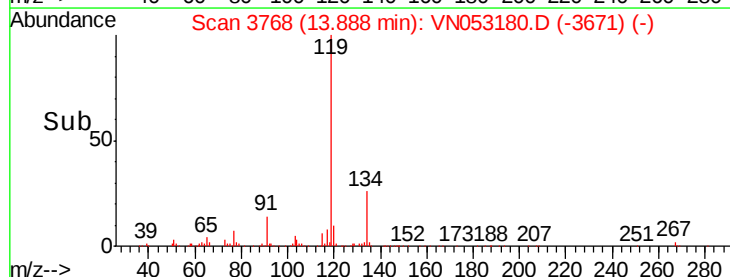
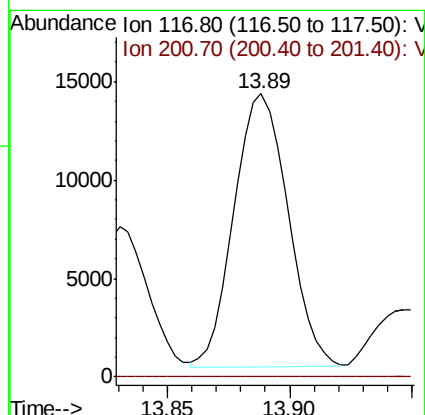
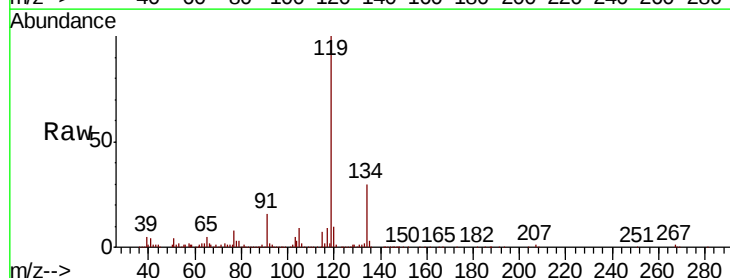
Acq: 24 Dec 2018 13:00

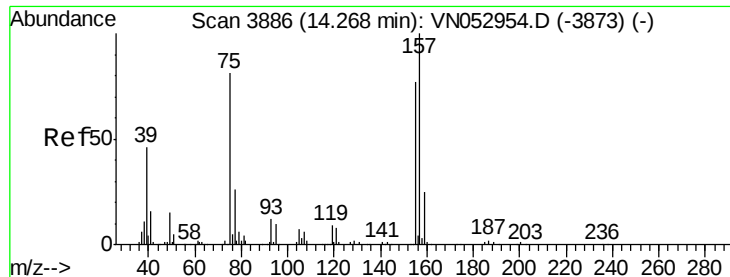
Tgt Ion: 117 Resp: 21303

Ion Ratio Lower Upper

117 100

201 0.0 45.7 137.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.552 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.03 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampled :

23738

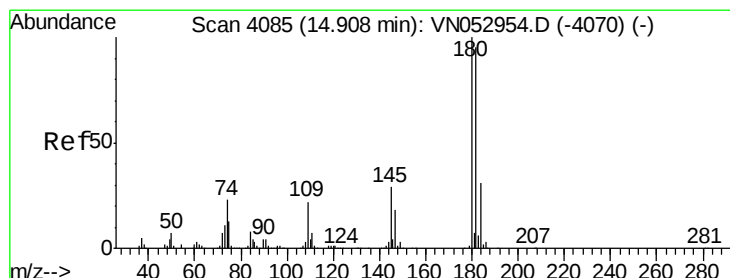
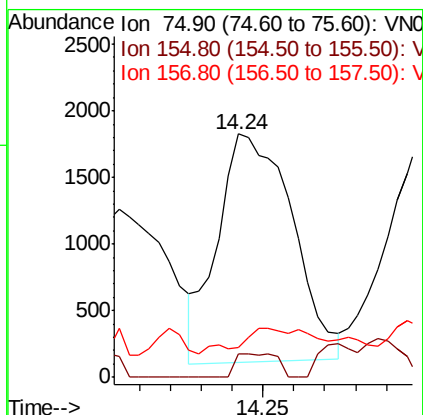
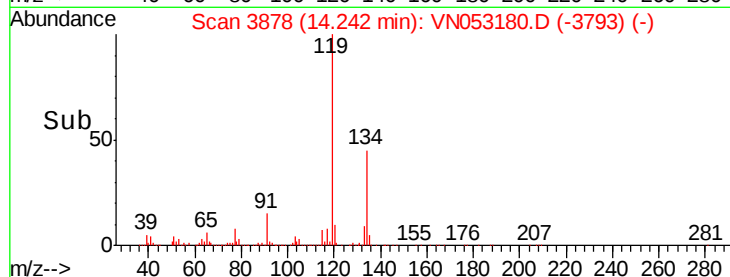
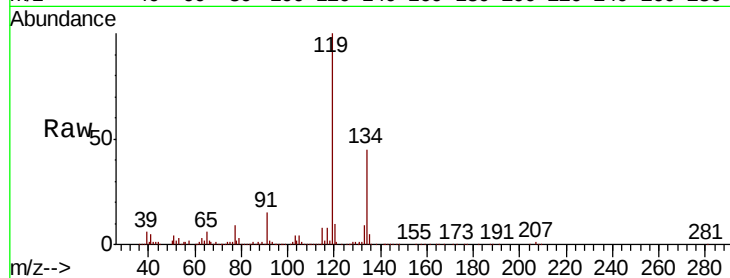
Tot Ion: 75 Resp: 2868

Ion Ratio Lower Upper

75 100

155 5.7 48.2 144.6#

157 1.1 61.2 183.5#



#93

1,2,4-Trichlorobenzene

Concen: 0.817 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

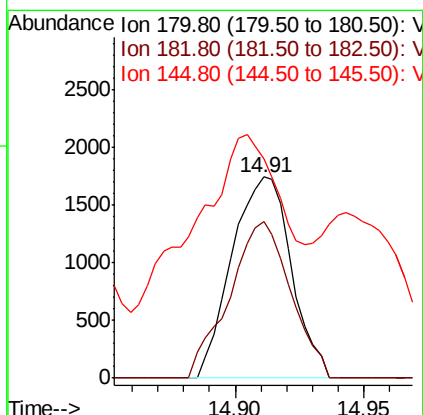
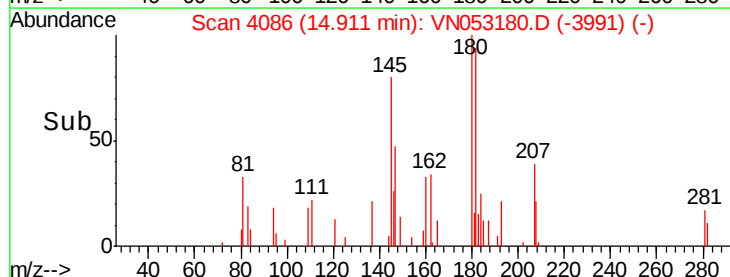
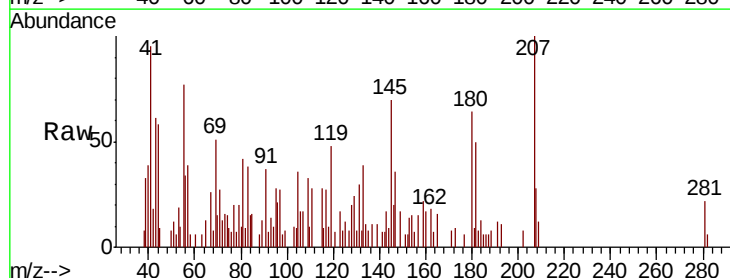
Tgt Ion: 180 Resp: 2789

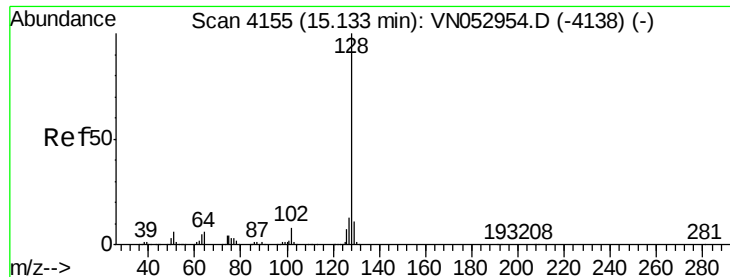
Ion Ratio Lower Upper

180 100

182 80.3 47.8 143.3

145 124.8 14.2 42.6#





#95

Naphthalene

Concen: 10.364 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

Instrument :

MSVOA_N

ClientSampleId :

23738

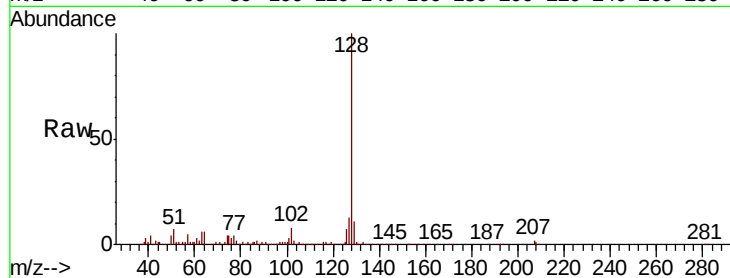
Tot Ion:128 Resp: 258294

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

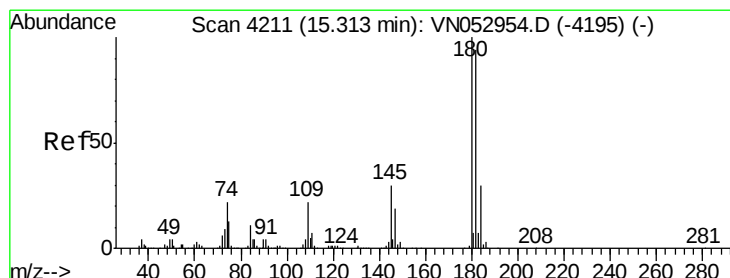
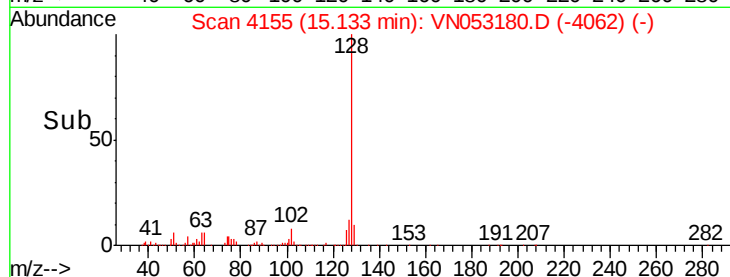
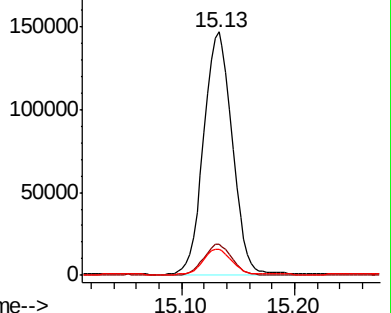
129 10.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.635 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN053180.D

Acq: 24 Dec 2018 13:00

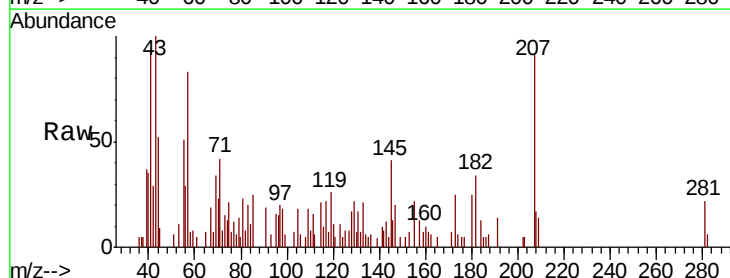
Tgt Ion:180 Resp: 1444

Ion Ratio Lower Upper

180 100

182 170.1 47.9 143.7#

145 83.4 15.0 45.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

