

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092518\
 Data File : VN051481.D
 Acq On : 25 Sep 2018 13:13
 Operator : MD\SY
 Sample : J4870-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Quant Time: Sep 26 02:08:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 26 01:19:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	104858	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	570456	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	513177	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	221000	30.62	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.07%
60) 4-Bromofluorobenzene	12.40	95	231818	30.77	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.57%
63) Toluene-d8	10.09	98	748764	30.43	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.43%

Target Compounds

					Ovalue
3) Chloromethane	2.06	50	9692	1.255 ug/l	98
4) Vinyl Chloride	2.18	62	525145	63.739 ug/l	100
5) Bromomethane	2.57	94	437031	81.159 ug/l	86
6) Chloroethane	2.71	64	211354	41.617 ug/l	97
11) Methyl Iodide	3.95	142	1921	0.263 ug/l #	61
12) Methyl Acetate	4.34	43	1263	0.290 ug/l #	62
14) Acrylonitrile	5.03	53	8468	4.795 ug/l #	42
15) Acetone	3.82	58	59566	136.938 ug/l	85
16) Carbon Disulfide	4.05	76	4160	0.265 ug/l #	94
18) Methylene Chloride	4.55	84	186086	31.499 ug/l	96
19) trans-1,2-Dichloroethene	5.04	96	139417	26.035 ug/l	95
21) 1,1-Dichloroethane	5.85	63	614462	58.832 ug/l	95
23) tert-Butyl Alcohol	5.05	59	11661	35.061 ug/l #	100
24) Methyl tert-Butyl Ether	5.05	73	1476412	109.584 ug/l #	63
25) Chloroform	7.37	83	591152	56.747 ug/l	94
29) 1,1-Dichloropropene	8.04	75	37209	4.633 ug/l #	1
30) 2-Butanone	6.84	43	393101	189.468 ug/l #	97
32) 1,1,1-Trichloroethane	7.57	97	166280	18.134 ug/l	97
33) Carbon Tetrachloride	7.57	117	22513	2.676 ug/l	95
34) Benzene	8.04	78	2068163	86.727 ug/l #	62
36) 1,2-Dichloroethane	8.13	62	1573	0.203 ug/l #	76
37) Trichloroethene	8.84	130	476266	75.354 ug/l	97
39) 1,2-Dichloropropane	9.12	63	602744	92.913 ug/l	97
40) Dibromomethane	9.21	93	463919	125.647 ug/l	98
43) Ethyl Acetate	6.84	43	393101	91.061 ug/l #	66
45) 1,4-Dioxane	9.21	88	2243	44.406 ug/l #	24
49) cis-1,3-Dichloropropene	9.84	75	1057322	113.317 ug/l	96
53) Dibromochloromethane	10.90	129	427238	70.356 ug/l	98
54) 1,2-Dibromoethane	11.01	107	503102	98.768 ug/l	98
56) Bromoform	12.13	173	389920	95.242 ug/l	94
58) 4-Methyl-2-Pentanone	9.99	43	683701	151.598 ug/l	96
59) 2-Hexanone	10.75	43	382349	128.812 ug/l	98
61) Tetrachloroethene	10.63	164	357785	59.927 ug/l	94
62) Toluene	10.16	91	1464435	55.743 ug/l	99
64) Chlorobenzene	11.43	112	723408	44.913 ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.51	131	893180	143.428 ug/l	99
66) Ethyl Benzene	11.51	91	471917	17.412 ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092518\
 Data File : VN051481.D
 Acq On : 25 Sep 2018 13:13
 Operator : MD\SY
 Sample : J4870-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Quant Time: Sep 26 02:08:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 26 01:19:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

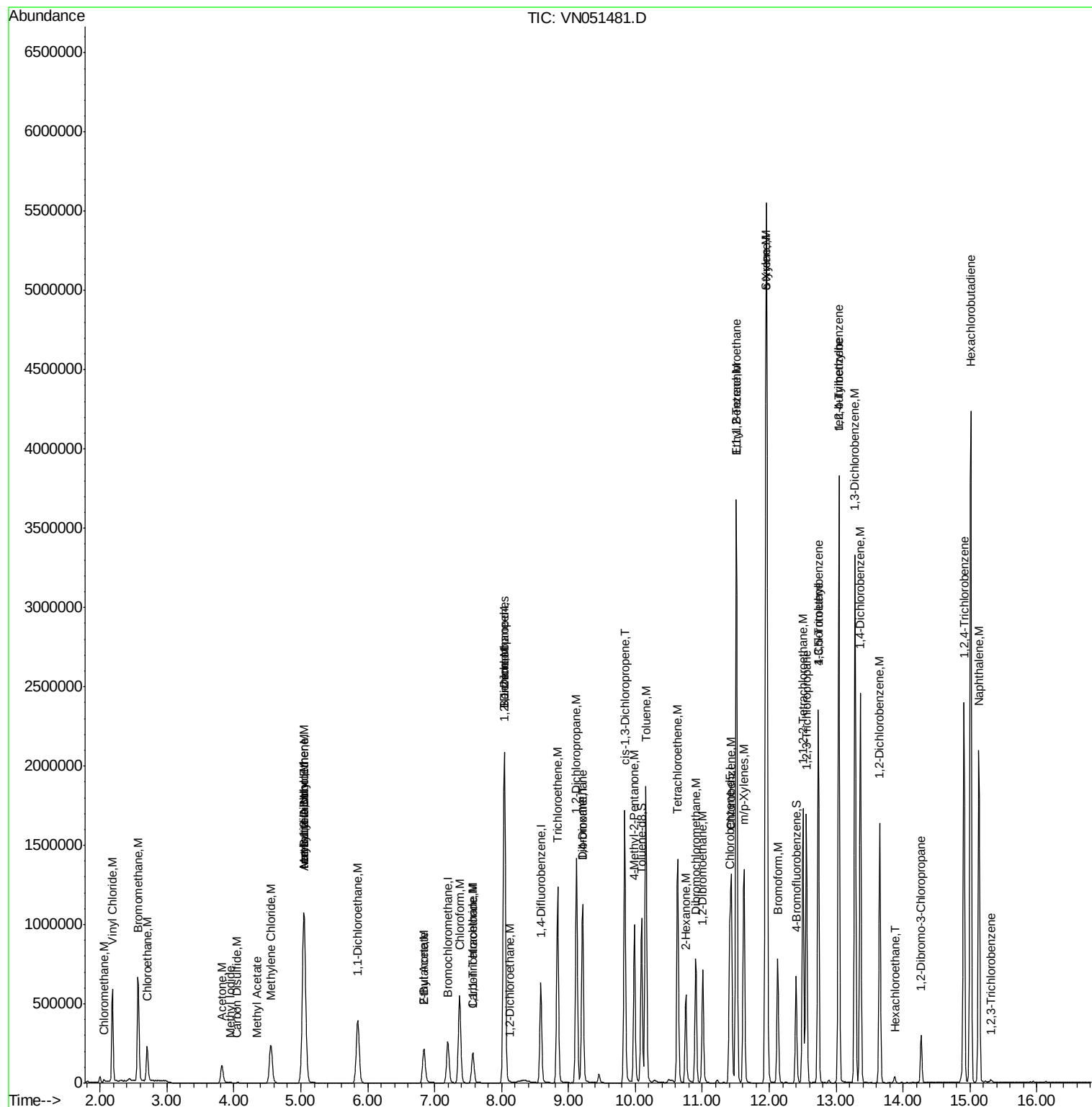
67) m/p-Xylenes	11.62	106	445596	42.707	ug/l	97
68) o-Xylene	11.95	106	875222	88.073	ug/l	95
69) Styrene	11.96	104	2068388	131.764	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.50	83	898920	143.588	ug/l	96
72) 1,2,3-Trichloropropane	12.55	75	747842	151.481	ug/l	1
76) 1,3,5-Trimethylbenzene	12.73	105	1276736	58.180	ug/l	100
78) 4-Chlorotoluene	12.73	91	134258	7.419	ug/l	43
79) tert-butylbenzene	13.04	119	272990	14.288	ug/l	75
80) 1,2,4-Trimethylbenzene	13.04	105	2108517	95.577	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	1462338	124.388	ug/l	97
84) 1,4-Dichlorobenzene	13.36	146	1071168	97.013	ug/l	98
86) Hexachloroethane	13.87	117	7353	1.617	ug/l	95
87) 1,2-Dichlorobenzene	13.65	146	721992	64.783	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.27	75	76925	83.255	ug/l #	89
89) 1,2,4-Trichlorobenzene	14.91	180	813347	146.516	ug/l	98
90) Hexachlorobutadiene	15.01	225	891222	207.147	ug/l	97
91) Naphthalene	15.13	128	1771254	169.096	ug/l	99
92) 1,2,3-Trichlorobenzene	15.31	180	5129	0.915	ug/l	82

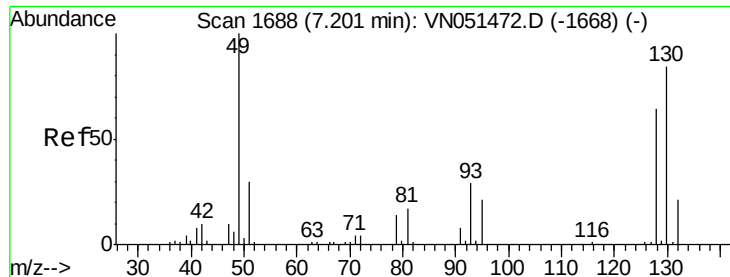
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092518\
Data File : VN051481.D
Acq On : 25 Sep 2018 13:13
Operator : MD\SY
Sample : J4870-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

Quant Time: Sep 26 02:08:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 26 01:19:41 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

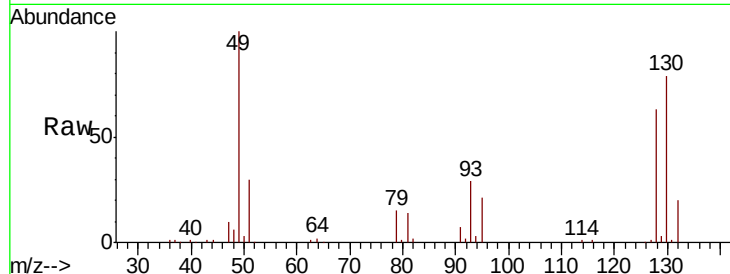
Tot Ion:128 Resp: 104858

Ion Ratio Lower Upper

128 100

49 161.2 0.0 403.3

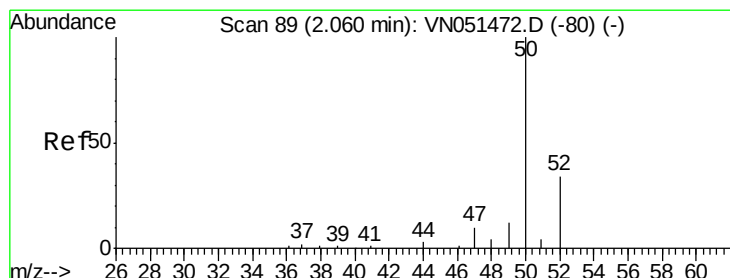
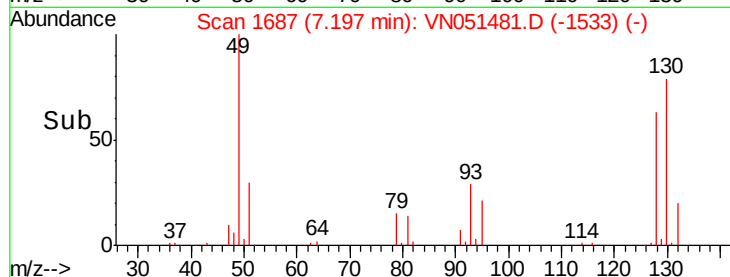
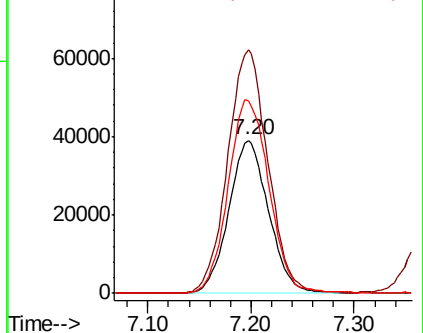
130 130.2 0.0 326.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#3

Chloromethane

Concen: 1.255 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051481.D

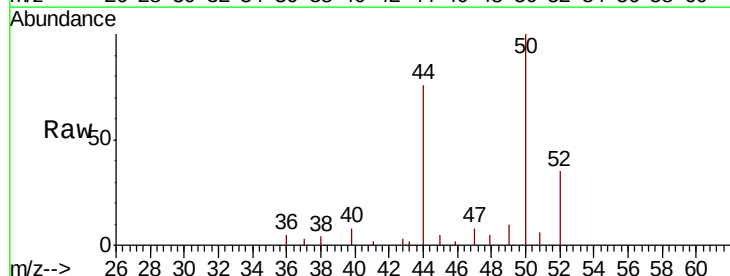
Acq: 25 Sep 2018 13:13

Tgt Ion: 50 Resp: 9692

Ion Ratio Lower Upper

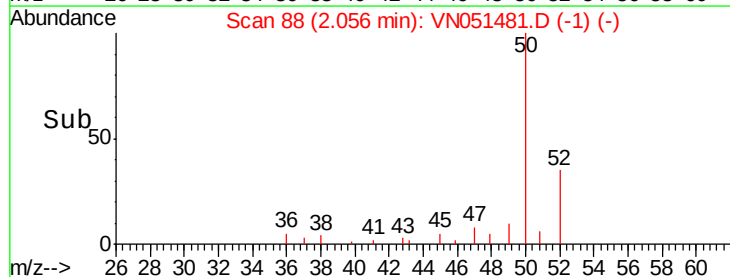
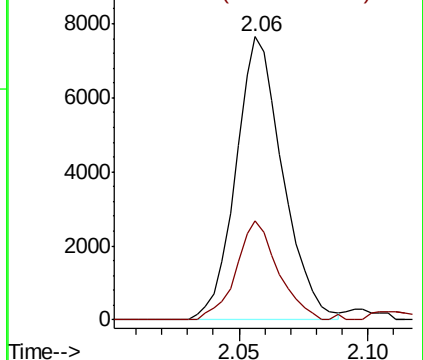
50 100

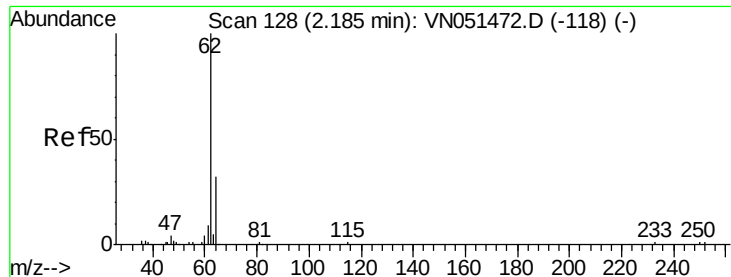
52 35.0 27.2 40.8



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0





#4

Vinyl Chloride

Concen: 63.739 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampleId :

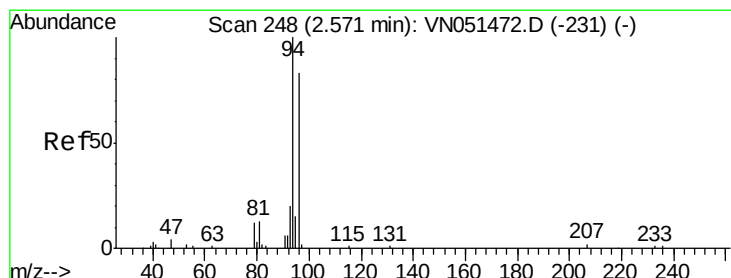
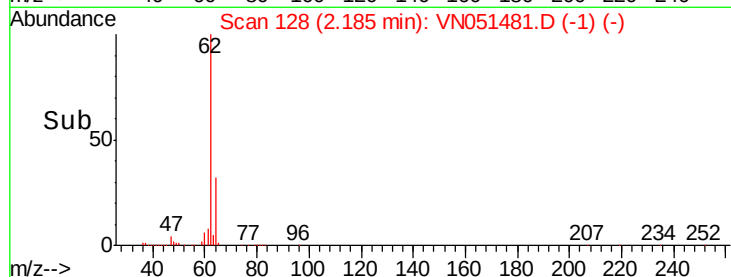
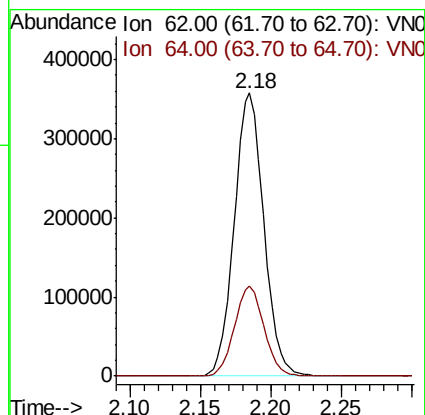
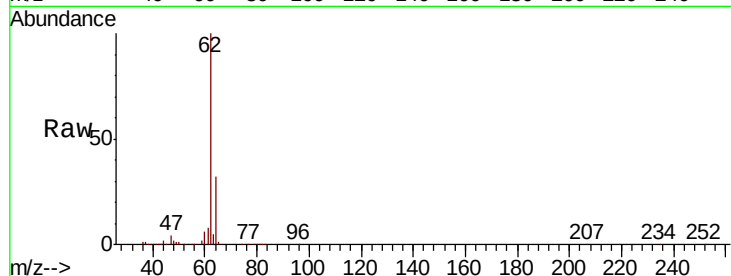
PT-VOA-WP

Tot Ion: 62 Resp: 525145

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.2



#5

Bromomethane

Concen: 81.159 ug/l

RT: 2.57 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN051481.D

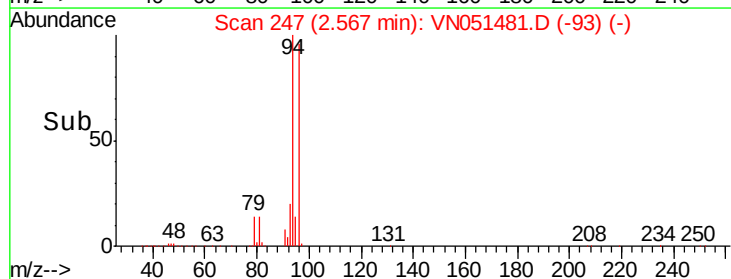
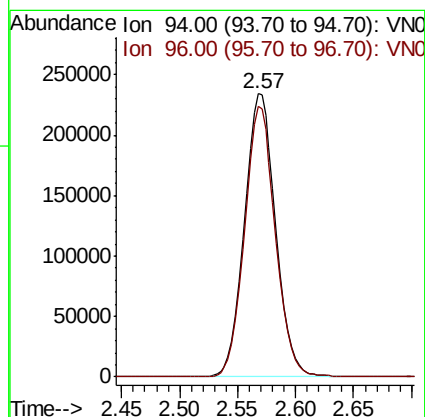
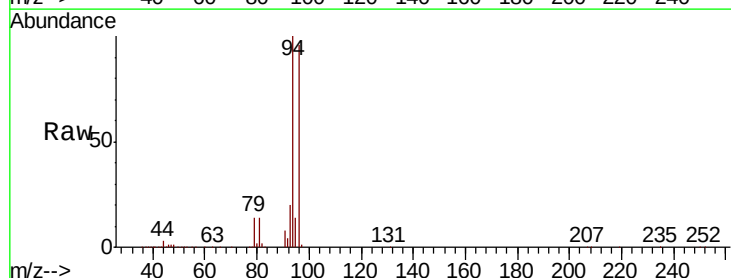
Acq: 25 Sep 2018 13:13

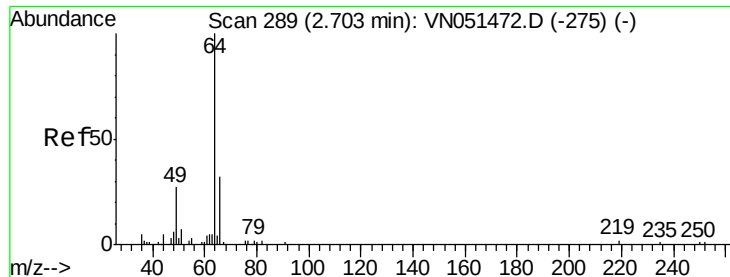
Tgt Ion: 94 Resp: 437031

Ion Ratio Lower Upper

94 100

96 95.4 66.4 99.6





#6

Chloroethane

Concen: 41.617 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampled :

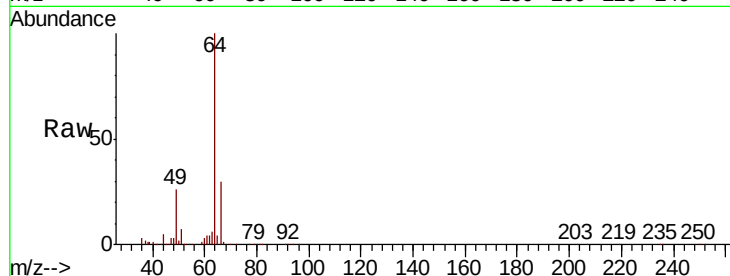
PT-VOA-WP

Tot Ion: 64 Resp: 211354

Ion Ratio Lower Upper

64 100

66 30.3 25.8 38.6



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

2.71

120000

100000

80000

60000

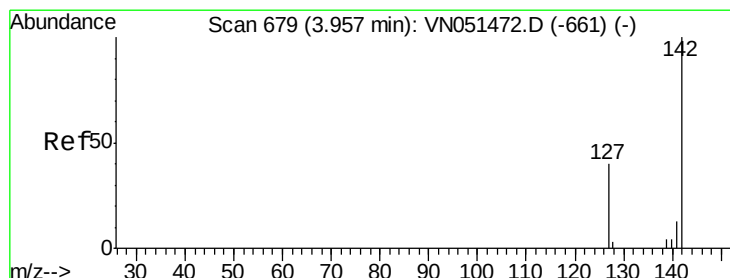
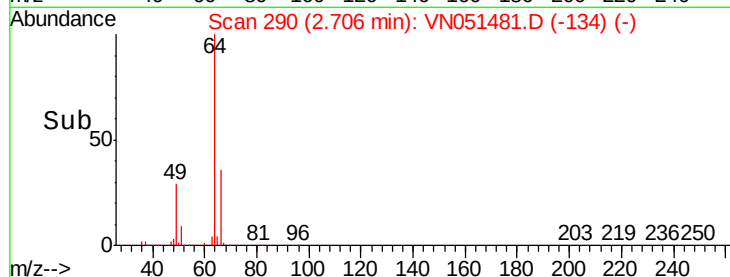
40000

20000

0

Time-->

2.60 2.65 2.70 2.75 2.80



#11

Methyl Iodide

Concen: 0.263 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

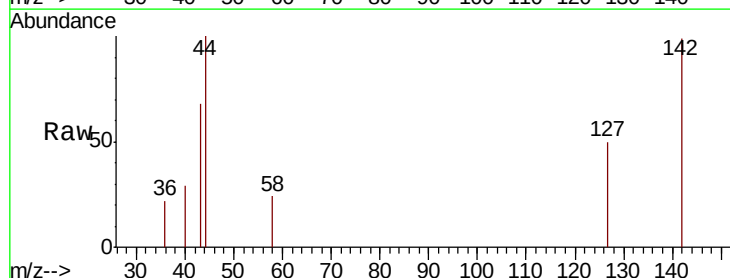
Tgt Ion: 142 Resp: 1921

Ion Ratio Lower Upper

142 100

127 64.4 19.7 59.0#

141 0.0 6.3 18.9#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

1200

1000

800

600

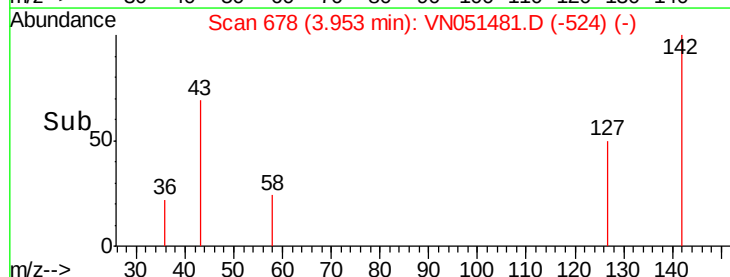
400

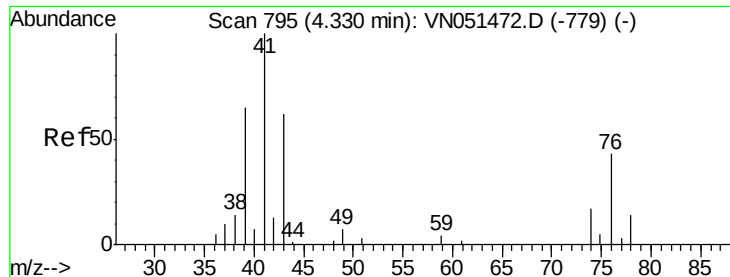
200

0

Time-->

3.90 3.92 3.94 3.96 3.98

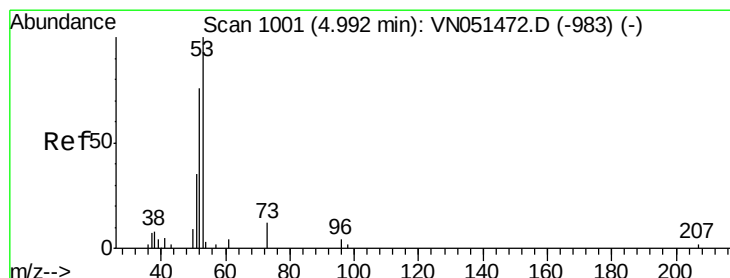
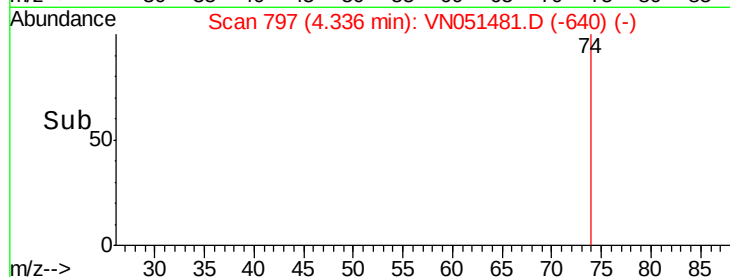
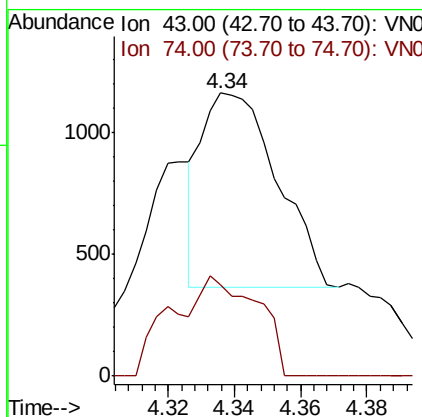
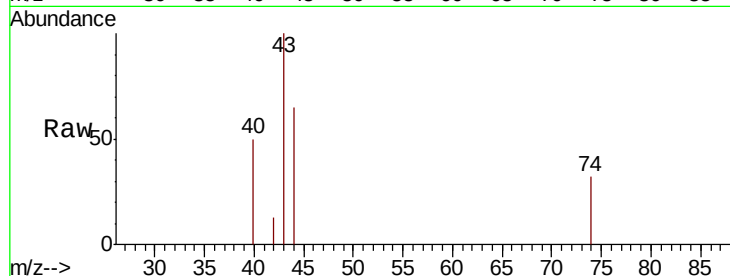




#12
Methvl Acetate
Concen: 0.290 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051481.D
Acq: 25 Sep 2018 13:13

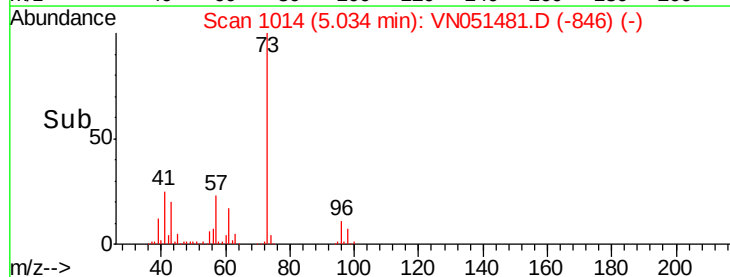
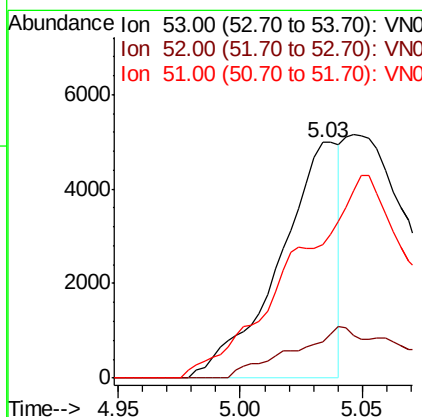
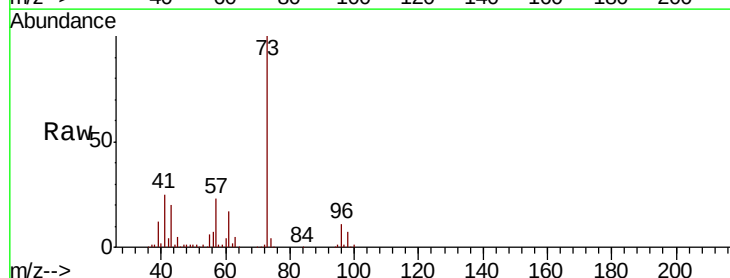
Instrument :
MSVOA_N
ClientSampled :
PT-VOA-WP

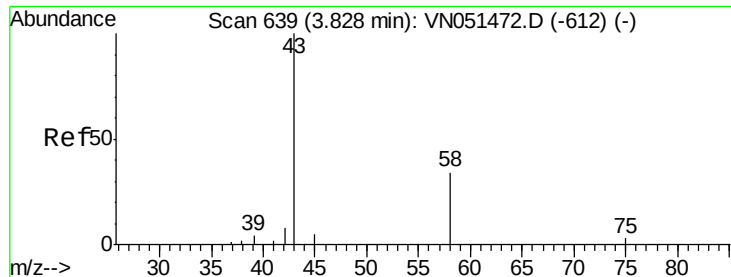
Tot Ion: 43 Resp: 1263
Ion Ratio Lower Upper
43 100
74 47.0 21.8 32.6#



#14
Acrylonitrile
Concen: 4.795 ug/l
RT: 5.03 min Scan# 1014
Delta R.T. 0.04 min
Lab File: VN051481.D
Acq: 25 Sep 2018 13:13

Tgt Ion: 53 Resp: 8468
Ion Ratio Lower Upper
53 100
52 6.7 18.3 54.8#
51 0.0 19.7 59.1#





#15

Acetone

Concen: 136.938 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.01 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampleId :

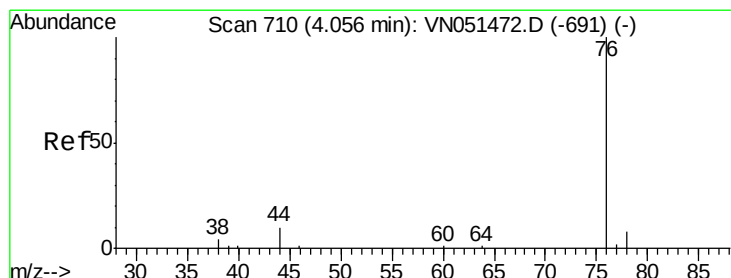
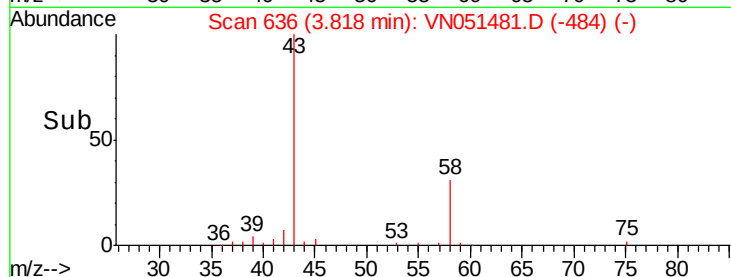
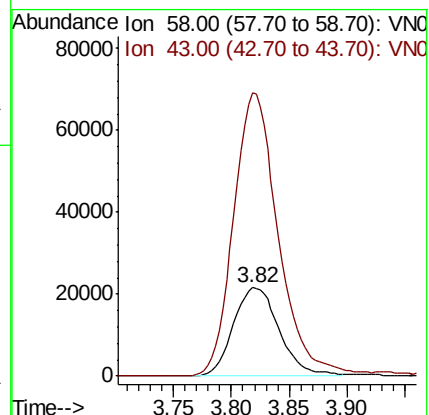
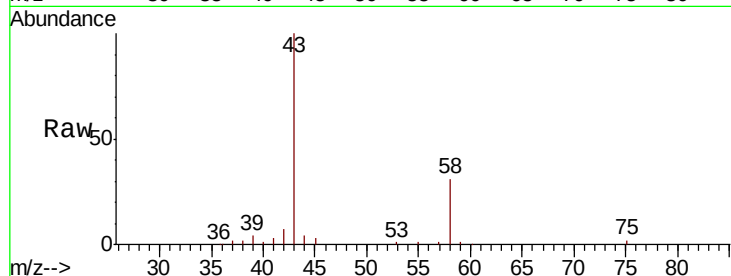
PT-VOA-WP

Tot Ion: 58 Resp: 59566

Ion Ratio Lower Upper

58 100

43 319.5 232.2 348.2



#16

Carbon Disulfide

Concen: 0.265 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN051481.D

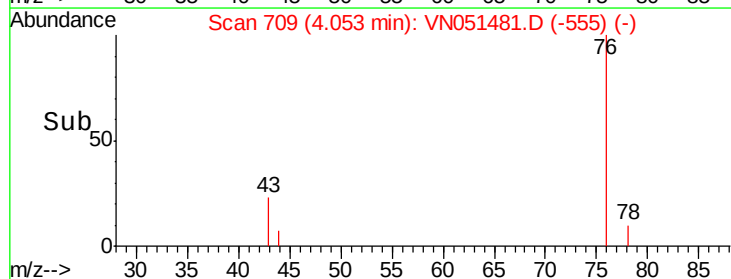
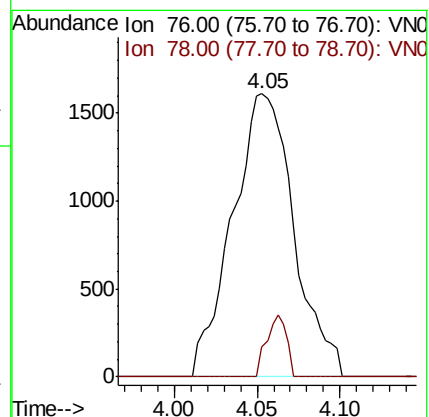
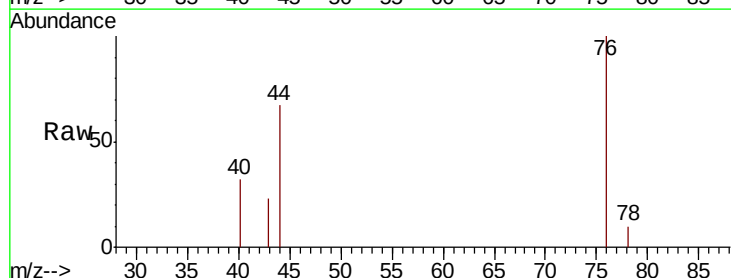
Acq: 25 Sep 2018 13:13

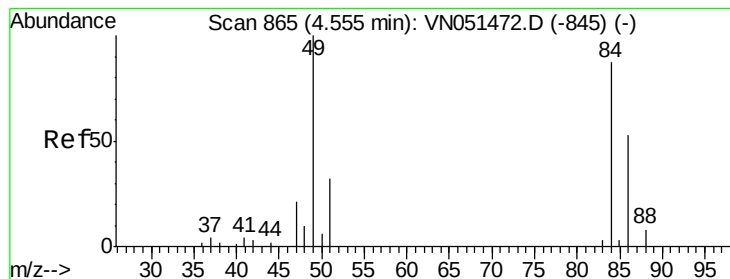
Tgt Ion: 76 Resp: 4160

Ion Ratio Lower Upper

76 100

78 10.5 6.7 10.1#





#18

Methylene Chloride

Concen: 31.499 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampled :

PT-VOA-WP

Tot Ion: 84 Resp: 186086

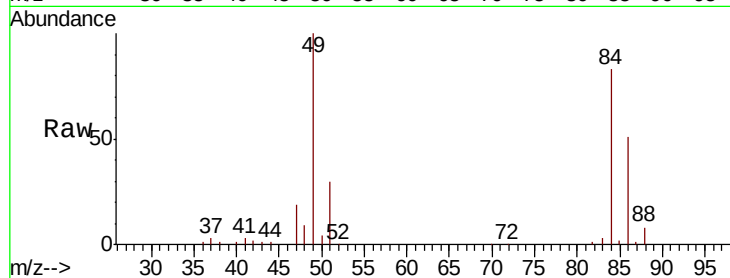
Ion Ratio Lower Upper

84 100

49 120.9 91.6 137.4

51 36.0 29.8 44.6

86 61.3 48.2 72.4

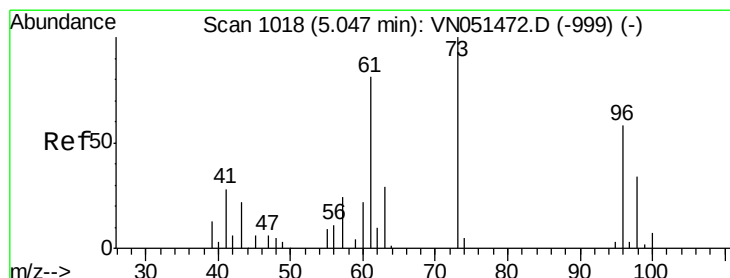
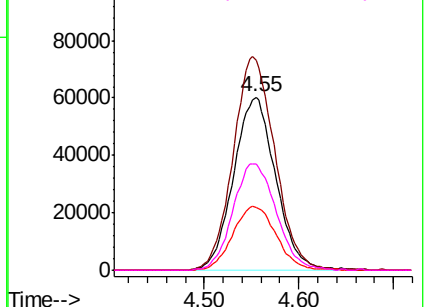
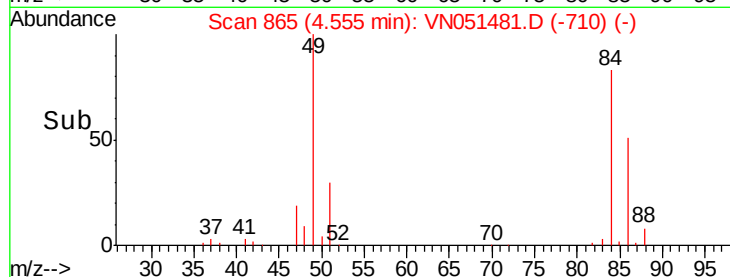


Abundance Ion 84.00 (83.70 to 84.70): VN0

Ion 49.00 (48.70 to 49.70): VN0

Ion 51.00 (50.70 to 51.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#19

trans-1,2-Dichloroethene

Concen: 26.035 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

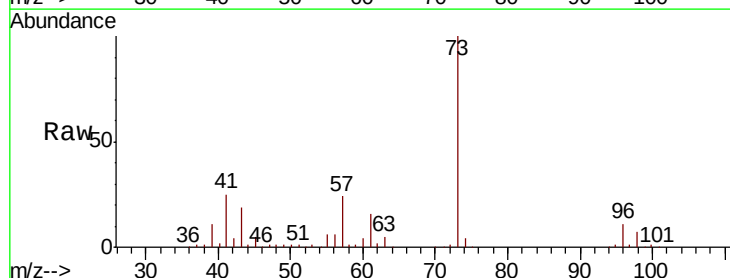
Tgt Ion: 96 Resp: 139417

Ion Ratio Lower Upper

96 100

61 145.5 112.3 168.5

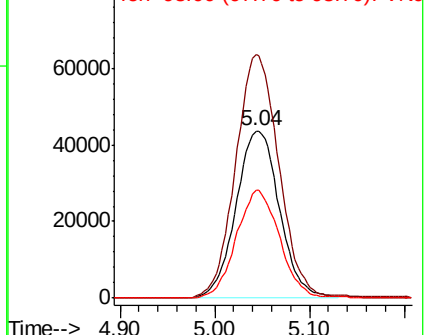
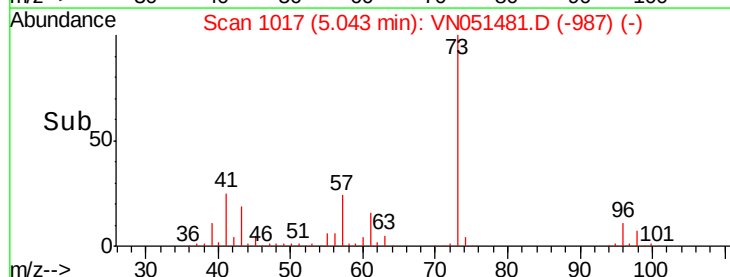
98 64.5 47.1 70.7

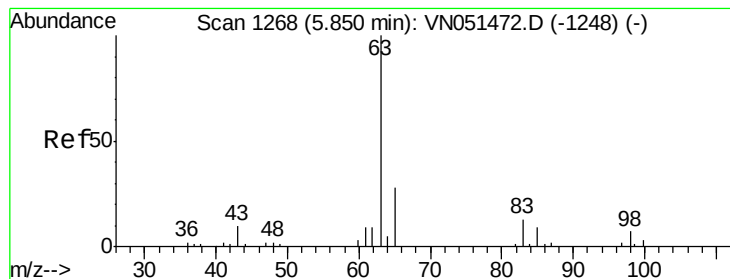


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#21

1,1-Dichloroethane

Concen: 58.832 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

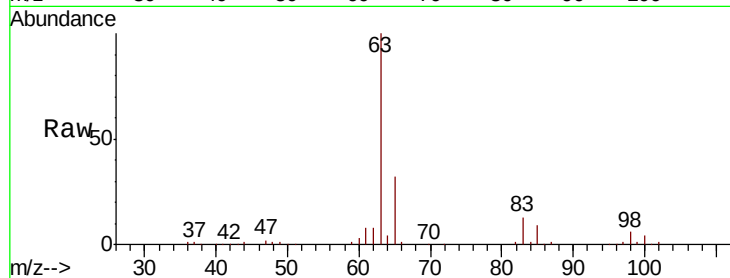
Tot Ion: 63 Resp: 614462

Ion Ratio Lower Upper

63 100

98 6.2 4.1 12.3

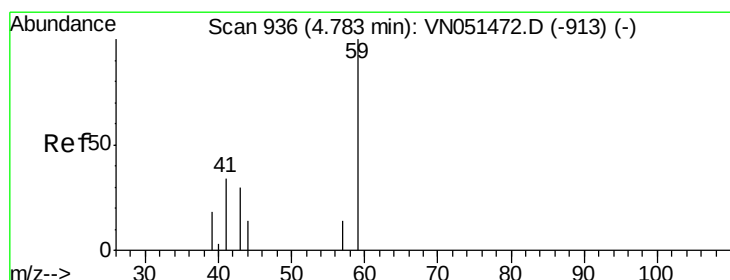
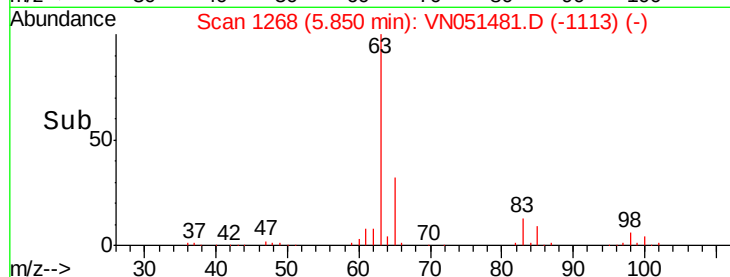
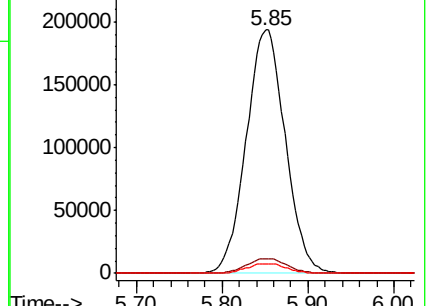
100 3.8 1.6 4.7



Abundance Ion 63.00 (62.70 to 63.70): VN051472.D (-1248) (-)

Ion 98.00 (97.70 to 98.70): VN051472.D (-1248) (-)

Ion 100.00 (99.70 to 100.70): VN051472.D (-1248) (-)



#23

tert-Butyl Alcohol

Concen: 35.061 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.27 min

Lab File: VN051481.D

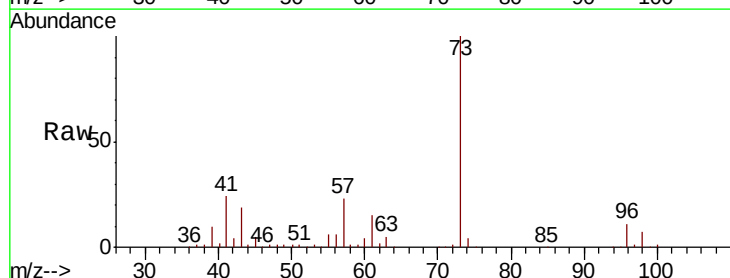
Acq: 25 Sep 2018 13:13

Tgt Ion: 59 Resp: 11661

Ion Ratio Lower Upper

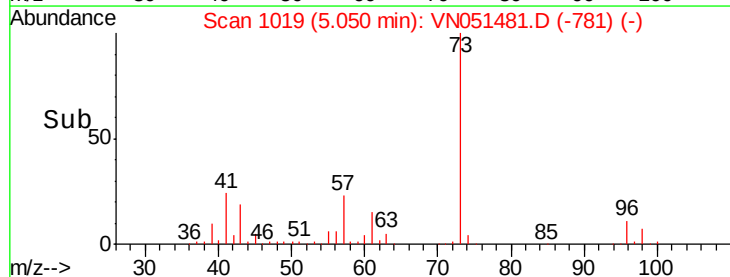
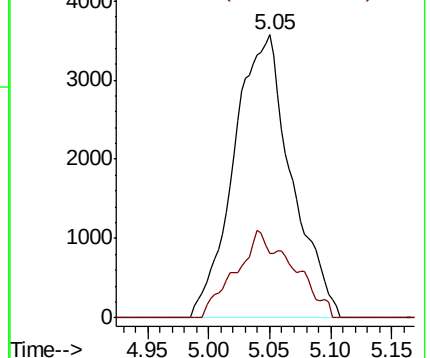
59 100

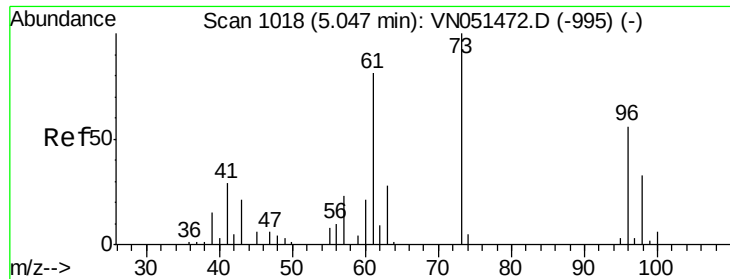
52 4.9 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VN051472.D (-913) (-)

Ion 52.00 (51.70 to 52.70): VN051472.D (-913) (-)

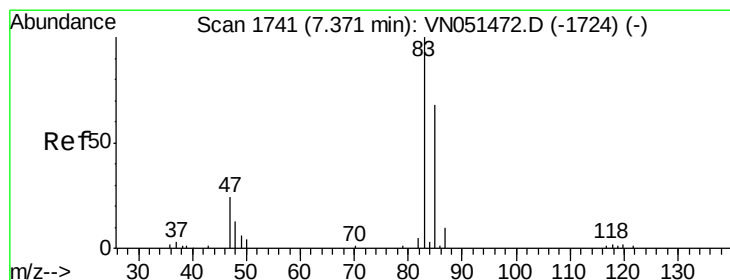
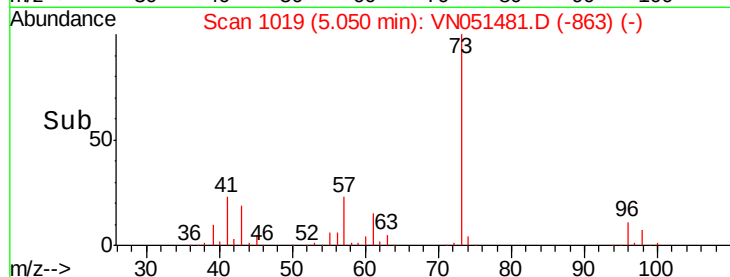
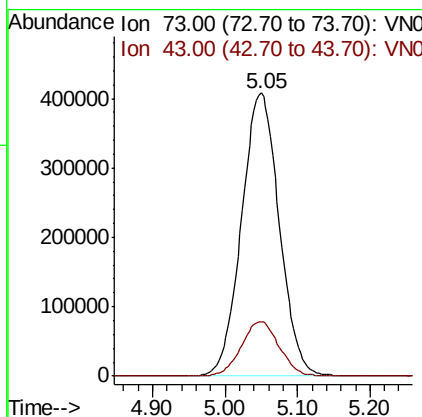
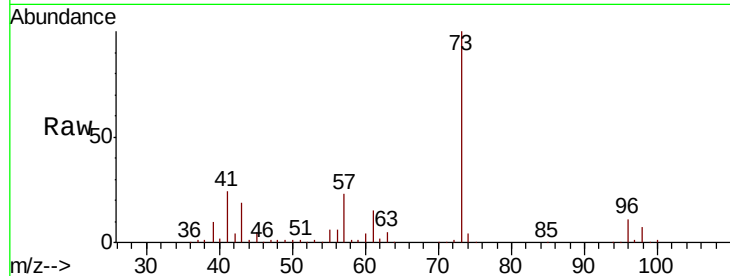




#24
Methyl tert-Butyl Ether
Concen: 109.584 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN051481.D
Acq: 25 Sep 2018 13:13

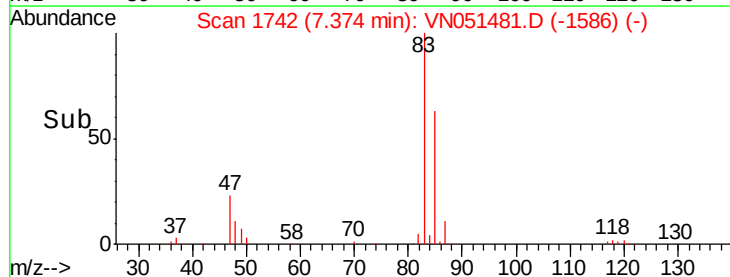
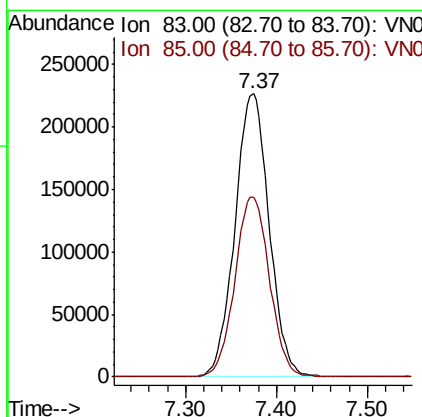
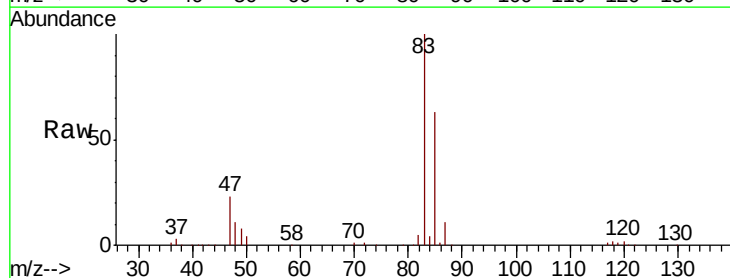
Instrument :
MSVOA_N
ClientSampled :
PT-VOA-WP

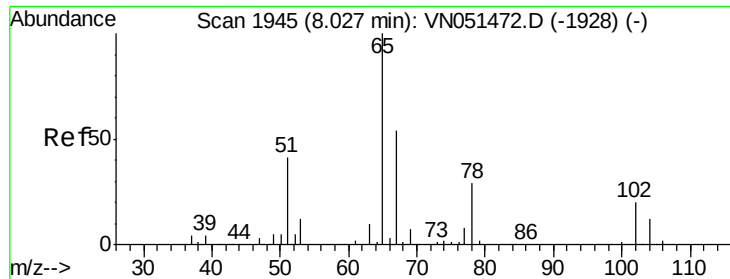
Tot Ion: 73 Resp: 1476412
Ion Ratio Lower Upper
73 100
43 19.5 5.4 8.0#



#25
Chloroform
Concen: 56.747 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051481.D
Acq: 25 Sep 2018 13:13

Tgt Ion: 83 Resp: 591152
Ion Ratio Lower Upper
83 100
85 63.3 54.6 82.0

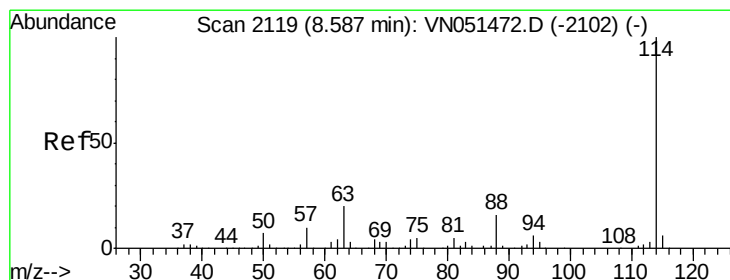
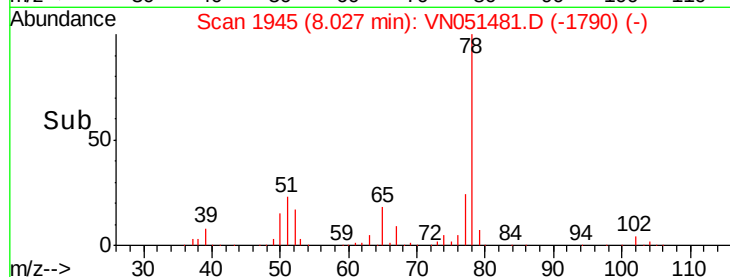
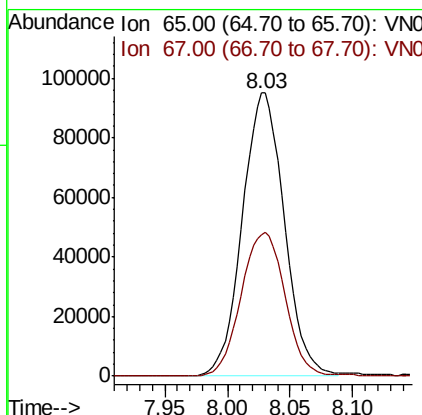
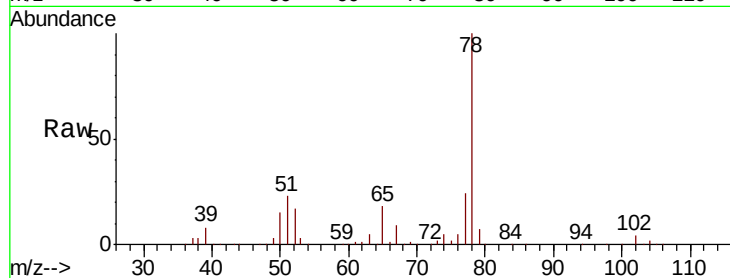




#27
 1,2-Dichloroethane-d4
 Concen: 30.623 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051481.D
 Acq: 25 Sep 2018 13:13

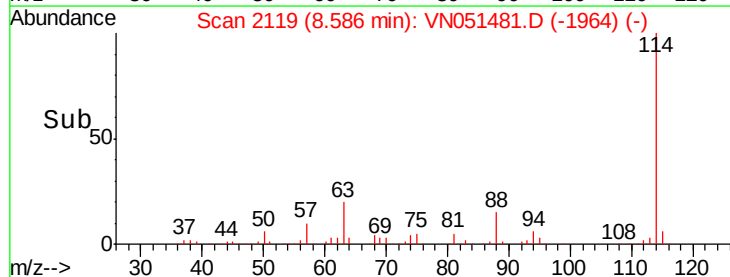
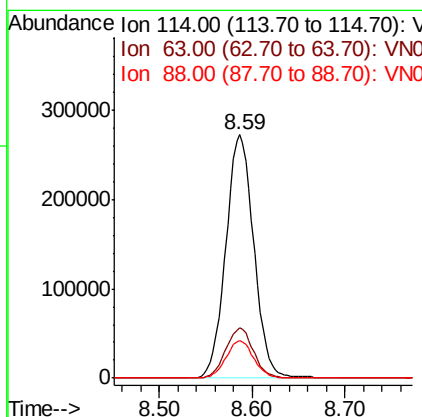
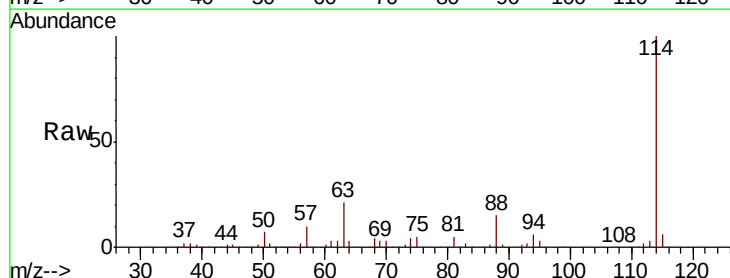
Instrument :
 MSVOA_N
 ClientSampled :
 PT-VOA-WP

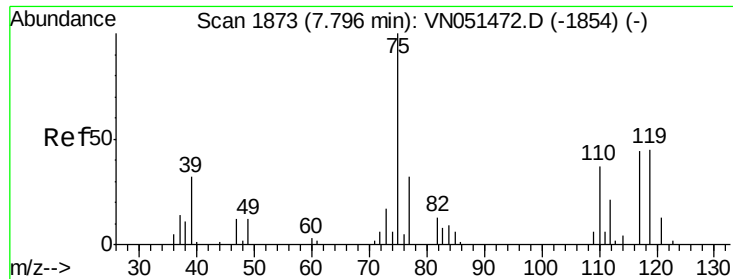
Tot Ion: 65 Resp: 221000
 Ion Ratio Lower Upper
 65 100
 67 53.0 41.8 62.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051481.D
 Acq: 25 Sep 2018 13:13

Tgt Ion: 114 Resp: 570456
 Ion Ratio Lower Upper
 114 100
 63 20.5 16.2 24.2
 88 15.2 12.2 18.4

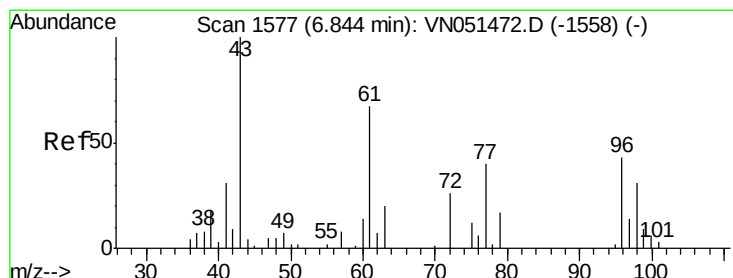
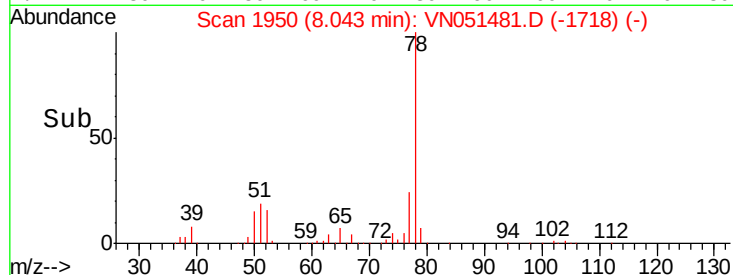
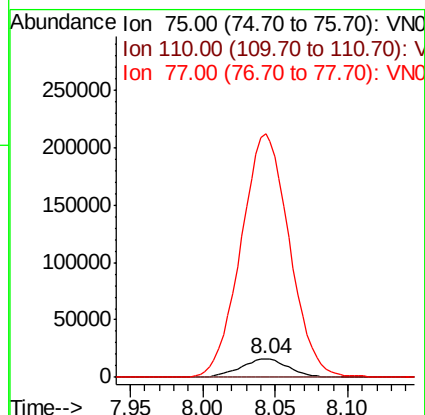
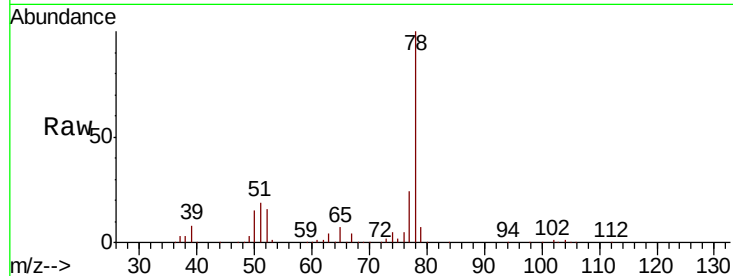




#29
 1,1-Dichloropropene
 Concen: 4.633 ug/l
 RT: 8.04 min Scan# 1950
 Delta R.T. 0.25 min
 Lab File: VN051481.D
 Acq: 25 Sep 2018 13:13

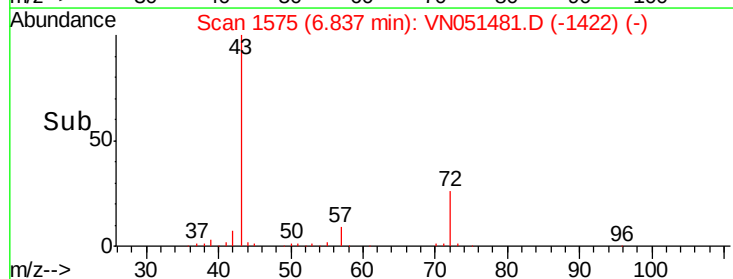
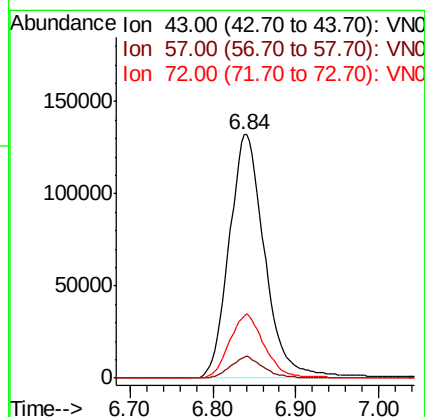
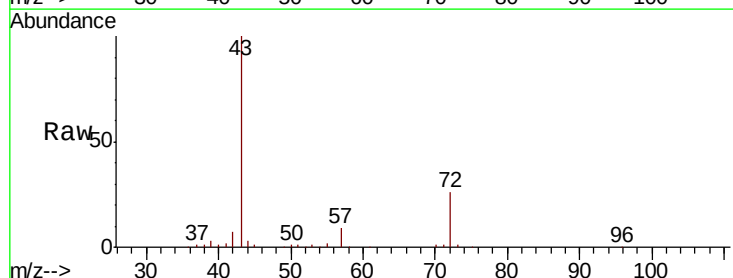
Instrument :
 MSVOA_N
 ClientSampled :
 PT-VOA-WP

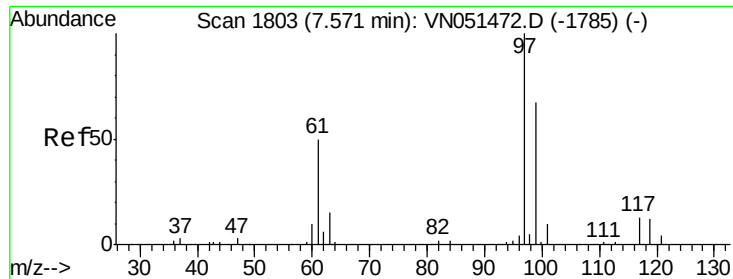
Tot Ion: 75 Resp: 37209
 Ion Ratio Lower Upper
 75 100
 110 0.0 0.0 70.8
 77 1326.8 0.0 61.6#



#30
 2-Butanone
 Concen: 189.468 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. -0.01 min
 Lab File: VN051481.D
 Acq: 25 Sep 2018 13:13

Tgt Ion: 43 Resp: 393101
 Ion Ratio Lower Upper
 43 100
 57 8.2 4.5 6.7#
 72 25.8 21.5 32.3





#32

1,1,1-Trichloroethane

Concen: 18.134 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

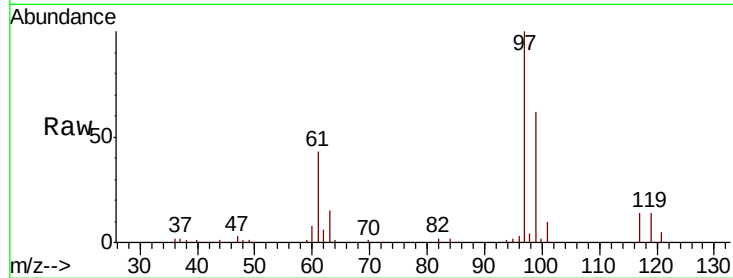
Tot Ion: 97 Resp: 166280

Ion Ratio Lower Upper

97 100

99 62.9 51.6 77.4

61 43.3 37.4 56.0

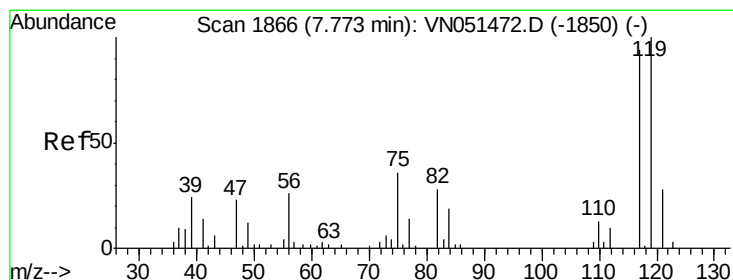
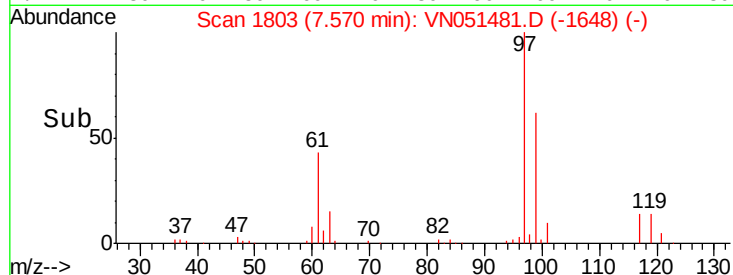
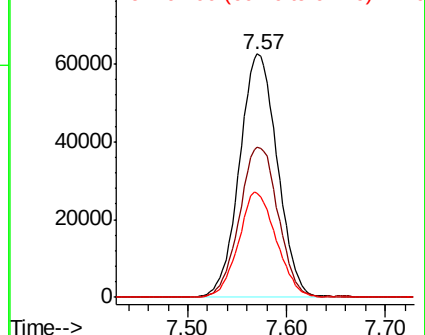


Abundance

Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#33

Carbon Tetrachloride

Concen: 2.676 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.20 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

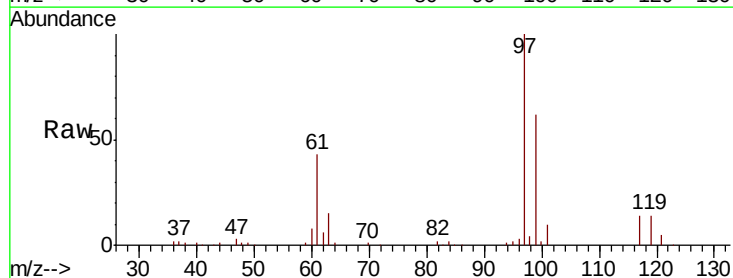
Tgt Ion: 117 Resp: 22513

Ion Ratio Lower Upper

117 100

119 100.6 85.1 127.7

121 32.0 24.2 36.2

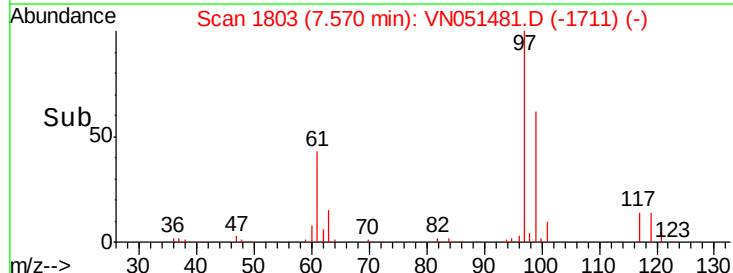
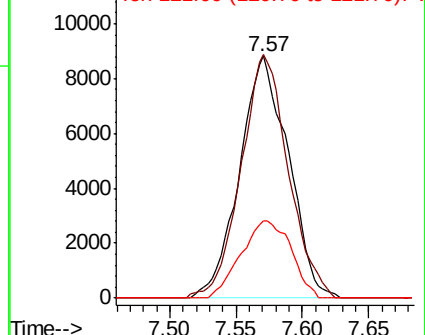


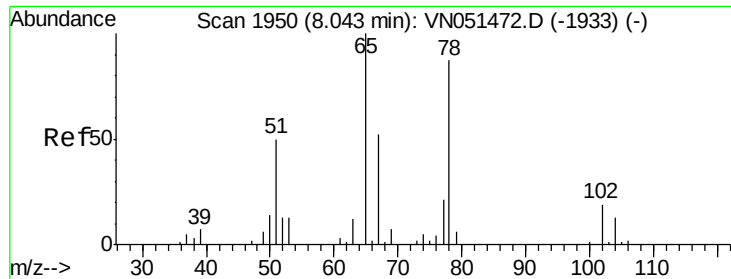
Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#34

Benzene

Concen: 86.727 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampled :

PT-VOA-WP

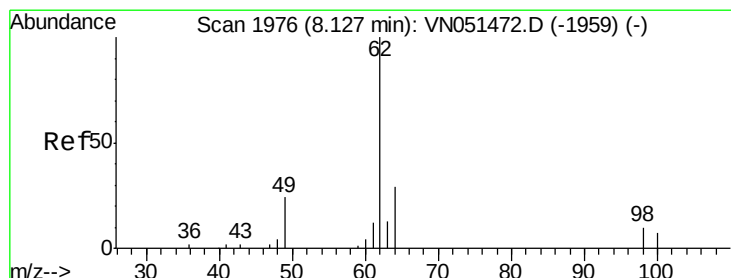
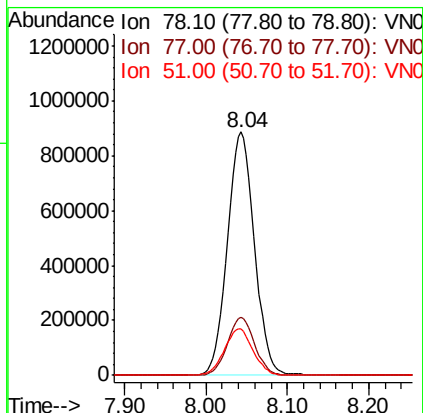
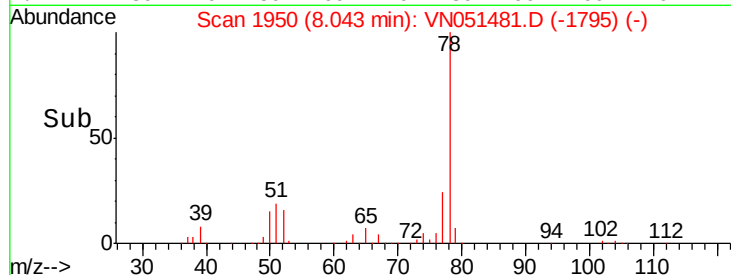
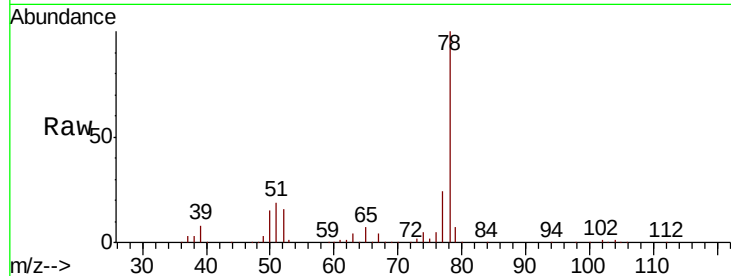
Tot Ion: 78 Resp: 2068163

Ion Ratio Lower Upper

78 100

77 23.9 18.8 28.2

51 18.9 46.2 69.4#



#36

1,2-Dichloroethane

Concen: 0.203 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN051481.D

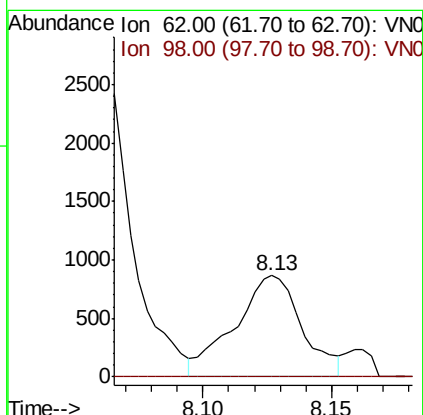
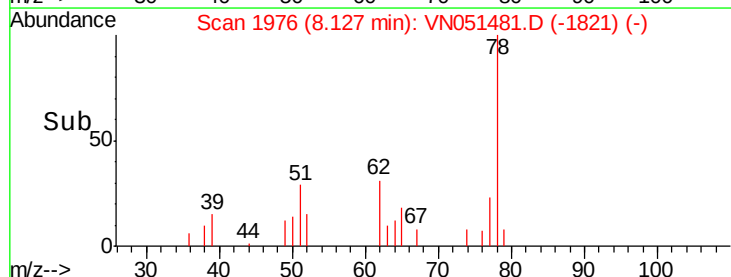
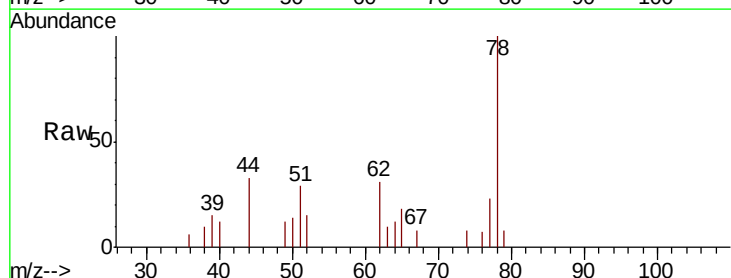
Acq: 25 Sep 2018 13:13

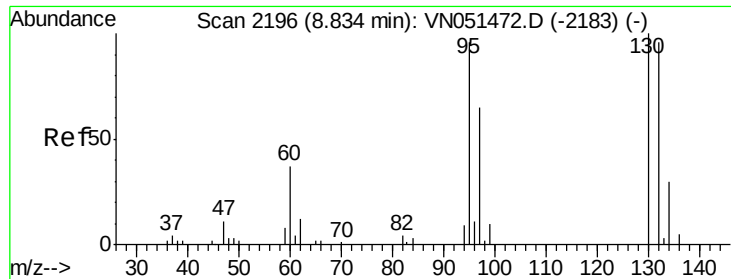
Tgt Ion: 62 Resp: 1573

Ion Ratio Lower Upper

62 100

98 0.0 6.9 10.3#

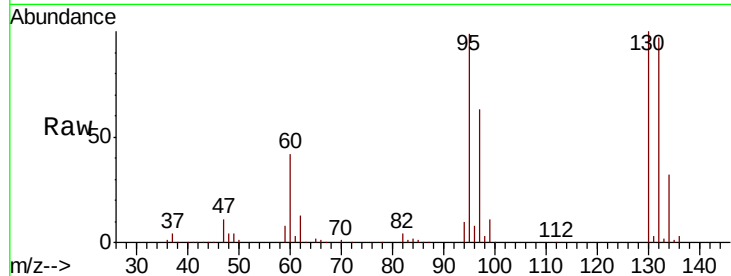




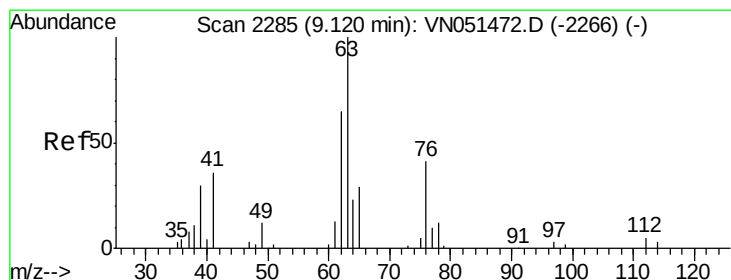
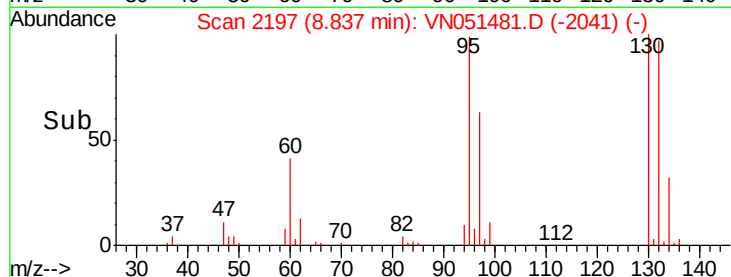
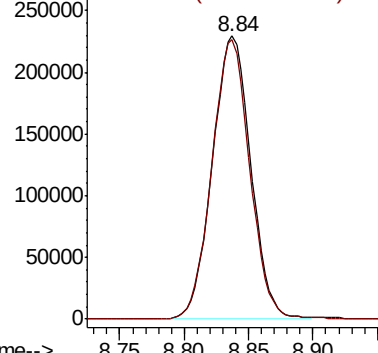
#37
 Trichloroethene
 Concen: 75.354 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN051481.D
 Acq: 25 Sep 2018 13:13

Instrument :
 MSVOA_N
 ClientSampled :
 PT-VOA-WP

Tot Ion:130 Resp: 476266
 Ion Ratio Lower Upper
 130 100
 95 98.6 76.4 114.6

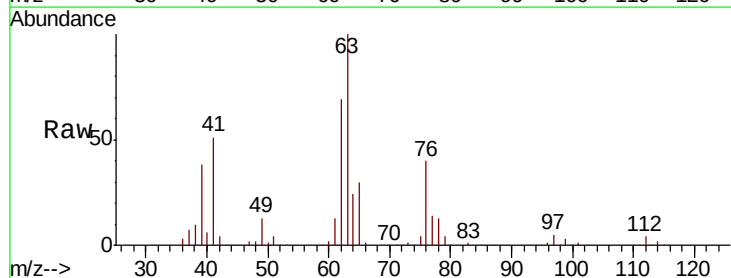


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VN

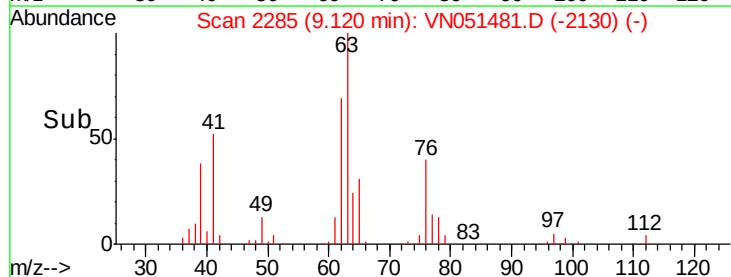
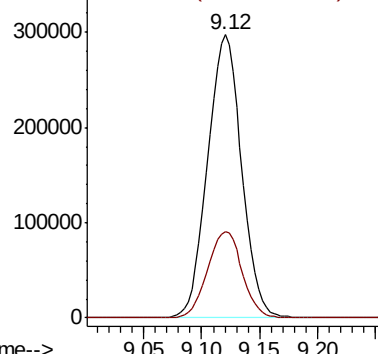


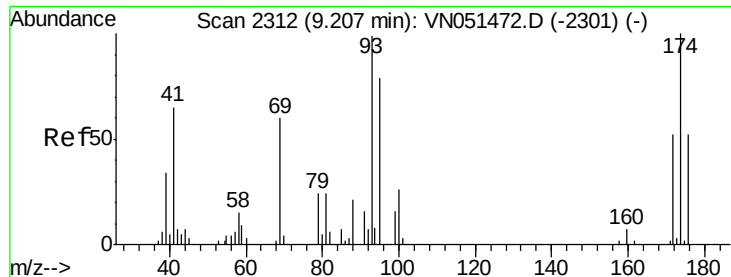
#39
 1,2-Dichloropropane
 Concen: 92.913 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN051481.D
 Acq: 25 Sep 2018 13:13

Tgt Ion: 63 Resp: 602744
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.2 34.8



Abundance Ion 63.00 (62.70 to 63.70): VNO
 Ion 65.00 (64.70 to 65.70): VNO





#40

Dibromomethane

Concen: 125.647 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

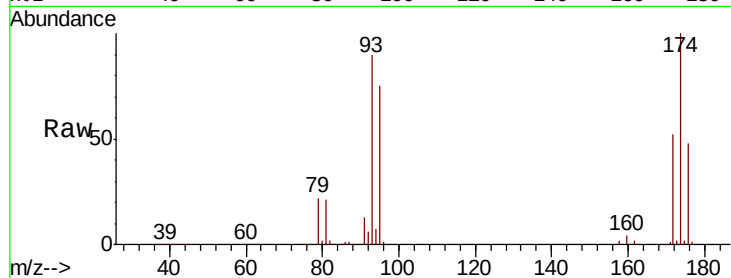
Tot Ion: 93 Resp: 463919

Ion Ratio Lower Upper

93 100

95 82.6 0.0 162.0

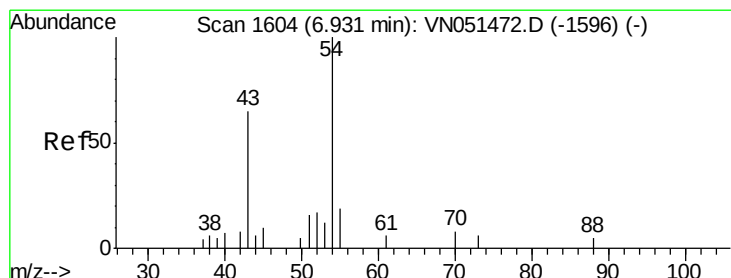
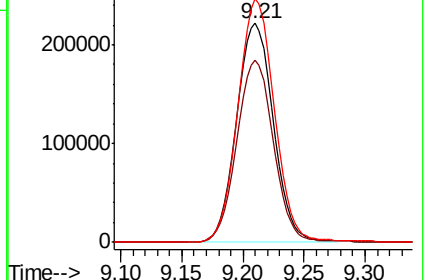
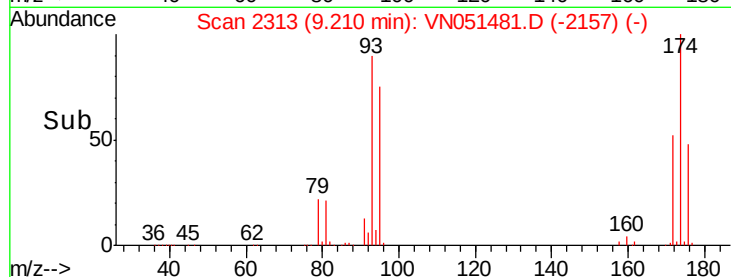
174 110.2 0.0 214.0



Abundance Ion 93.00 (92.70 to 93.70): VN051481.D (-2157) (-)

Ion 95.00 (94.70 to 95.70): VN051481.D (-2157) (-)

Ion 174.00 (173.70 to 174.70): VN051481.D (-2157) (-)



#43

Ethyl Acetate

Concen: 91.061 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.09 min

Lab File: VN051481.D

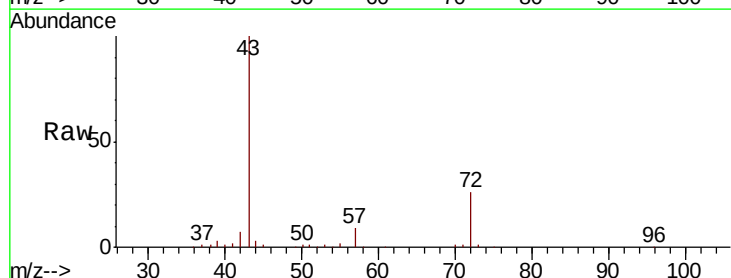
Acq: 25 Sep 2018 13:13

Tgt Ion: 43 Resp: 393101

Ion Ratio Lower Upper

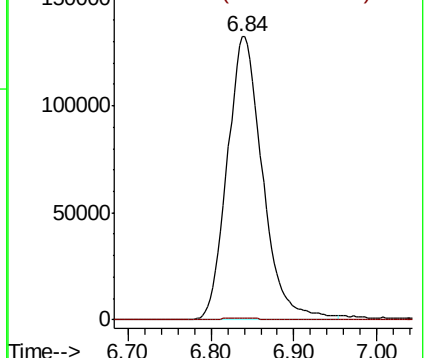
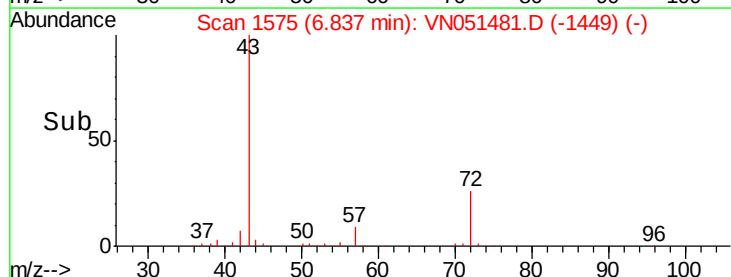
43 100

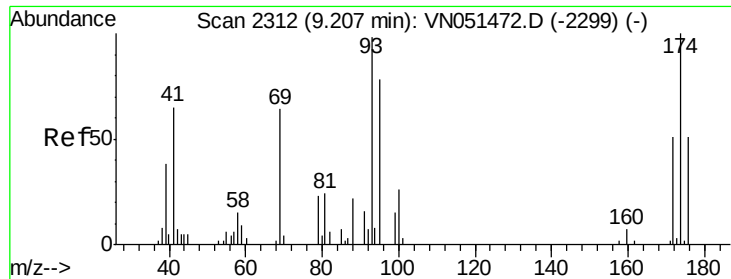
45 0.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN051481.D (-1449) (-)

Ion 45.00 (44.70 to 45.70): VN051481.D (-1449) (-)

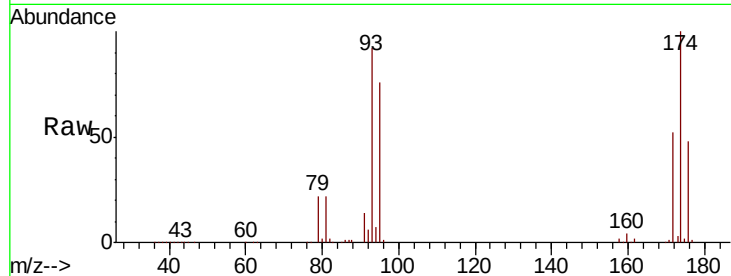




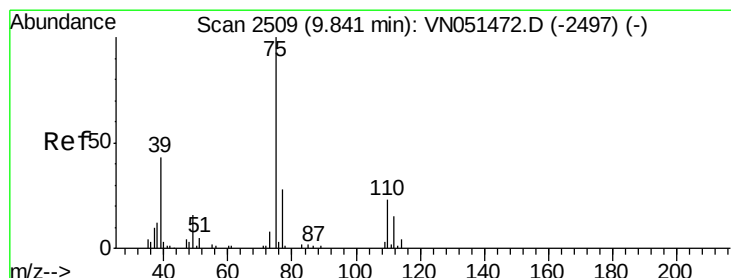
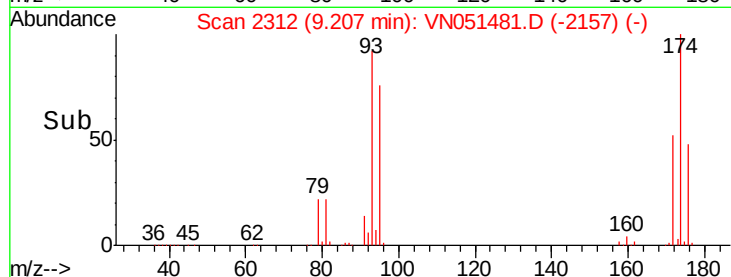
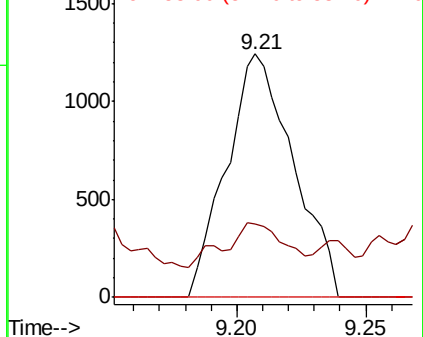
#45
 1,4-Dioxane
 Concen: 44.406 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN051481.D
 Acq: 25 Sep 2018 13:13

Instrument :
 MSVOA_N
 ClientSampled :
 PT-VOA-WP

Tot Ion: 88 Resp: 2243
 Ion Ratio Lower Upper
 88 100
 43 11.9 26.2 39.2#
 58 0.0 65.6 98.4#

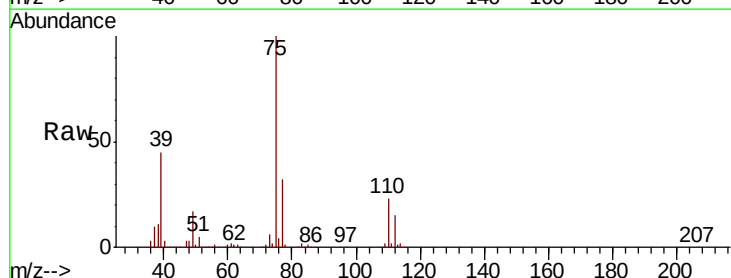


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

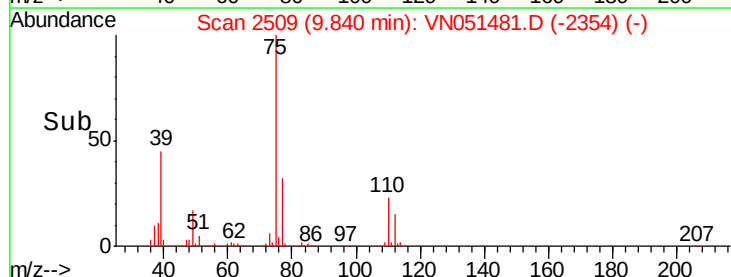
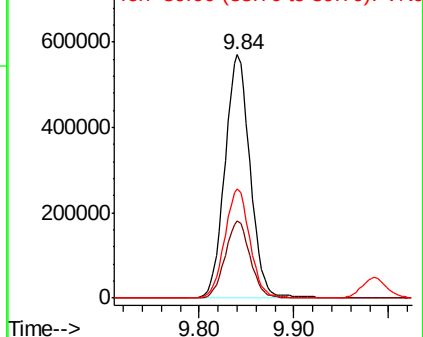


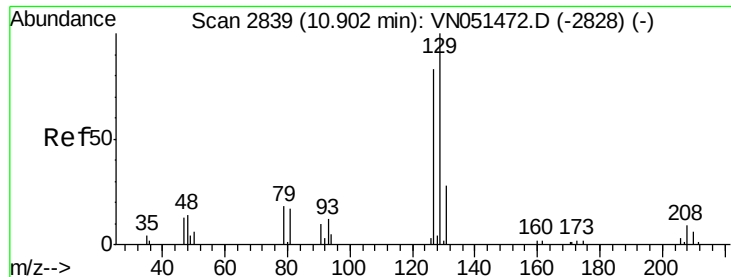
#49
 cis-1,3-Dichloropropene
 Concen: 113.317 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN051481.D
 Acq: 25 Sep 2018 13:13

Tgt Ion: 75 Resp: 1057322
 Ion Ratio Lower Upper
 75 100
 77 31.6 23.2 34.8
 39 45.0 34.6 52.0



Abundance Ion 75.00 (74.70 to 75.70): VN0
 Ion 77.00 (76.70 to 77.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

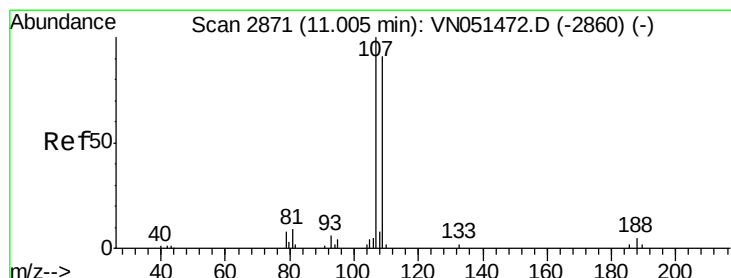
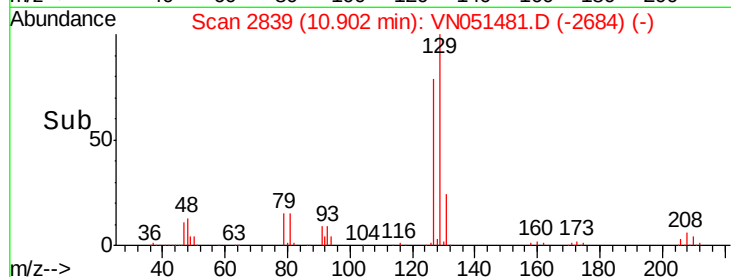
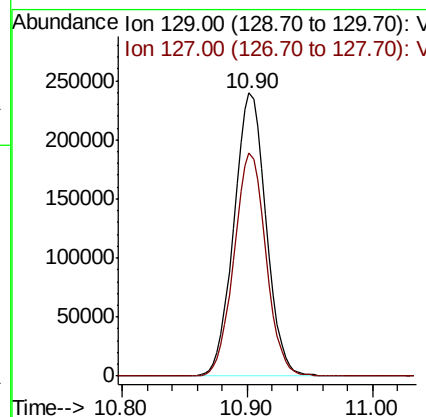
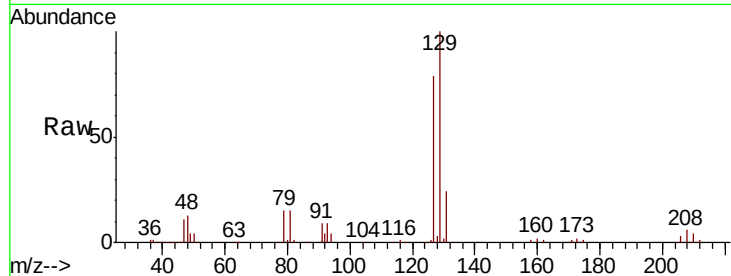




#53
 Dibromochloromethane
 Concen: 70.356 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. -0.00 min
 Lab File: VN051481.D
 Acq: 25 Sep 2018 13:13

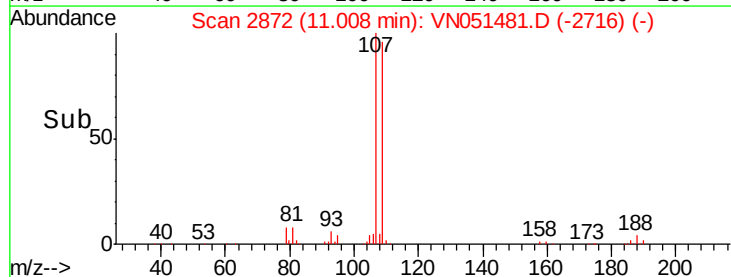
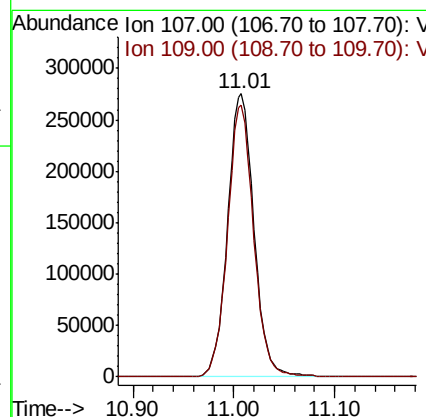
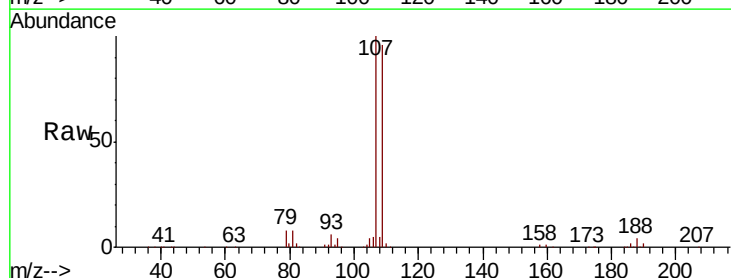
Instrument :
 MSVOA_N
 ClientSampled :
 PT-VOA-WP

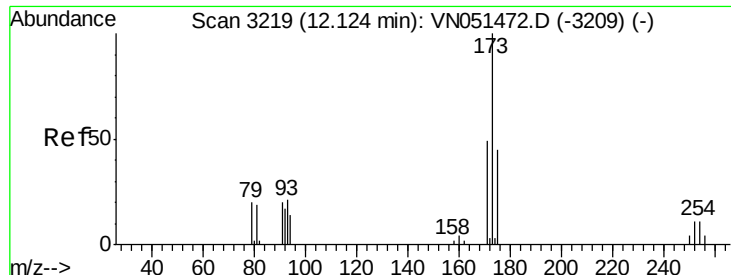
Tot Ion:129 Resp: 427238
 Ion Ratio Lower Upper
 129 100
 127 78.2 40.2 120.5



#54
 1,2-Dibromoethane
 Concen: 98.768 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051481.D
 Acq: 25 Sep 2018 13:13

Tgt Ion:107 Resp: 503102
 Ion Ratio Lower Upper
 107 100
 109 95.0 77.4 116.0

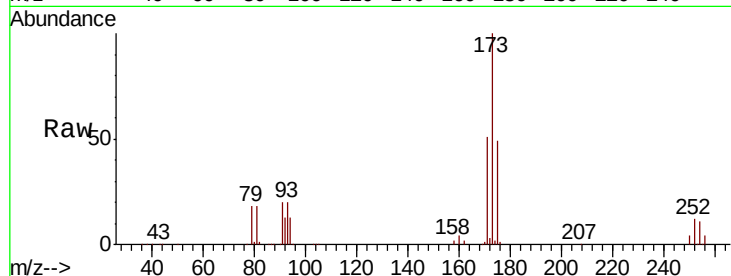




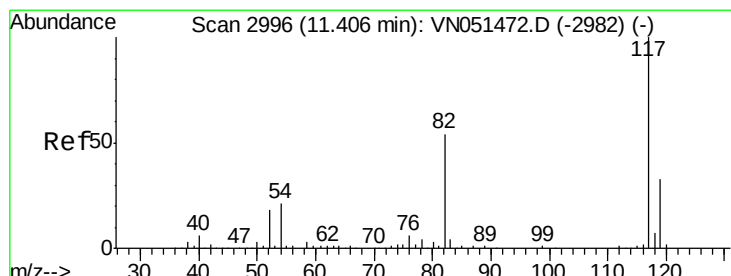
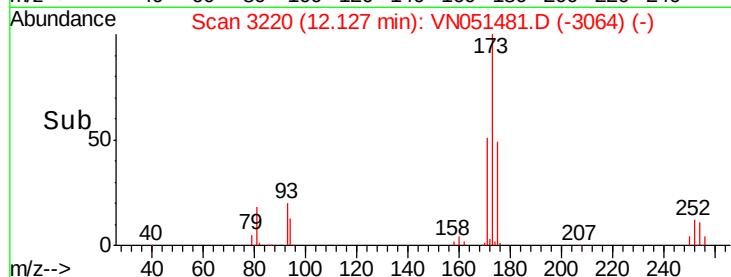
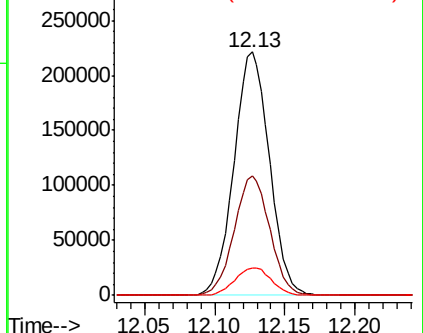
#56
Bromoform
Concen: 95.242 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051481.D
Acq: 25 Sep 2018 13:13

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

Tot Ion:173 Resp: 389920
Ion Ratio Lower Upper
173 100
175 49.1 35.8 53.8
254 11.6 8.6 13.0

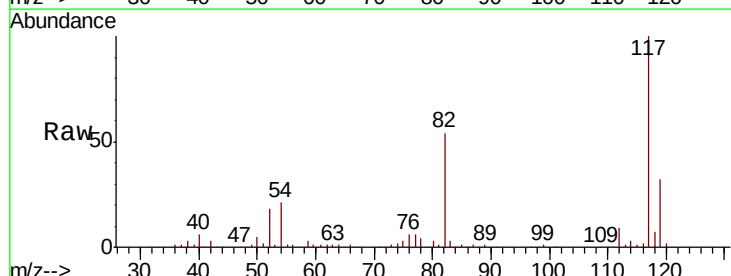


Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

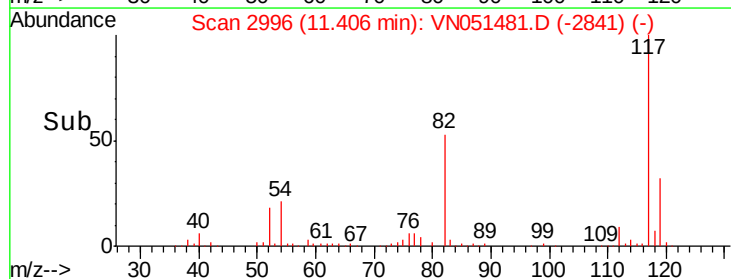
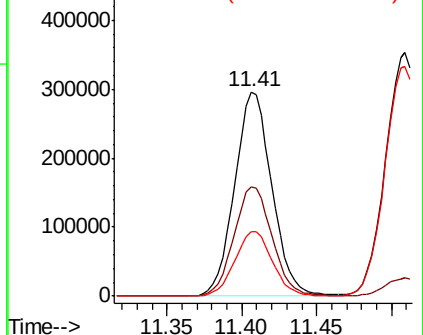


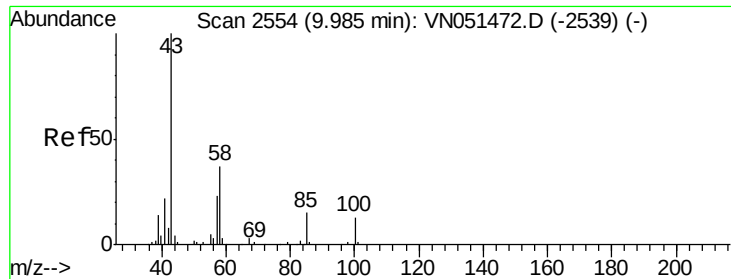
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051481.D
Acq: 25 Sep 2018 13:13

Tgt Ion:117 Resp: 513177
Ion Ratio Lower Upper
117 100
82 55.0 44.1 66.1
119 32.1 25.8 38.8



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

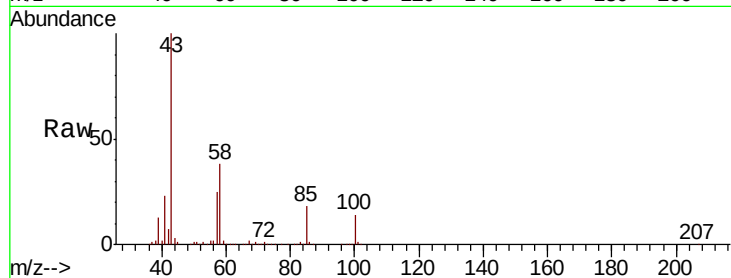




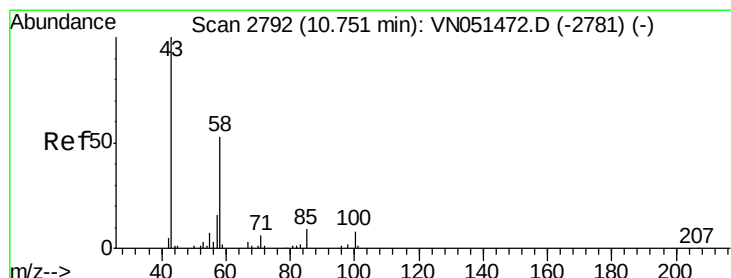
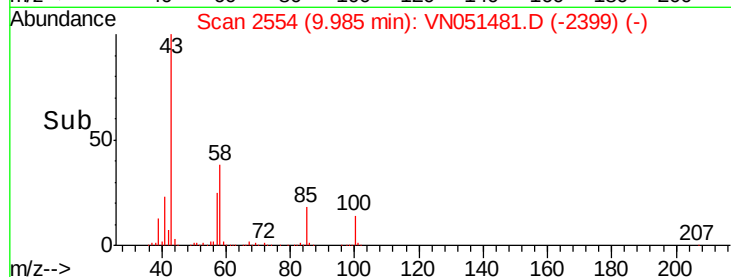
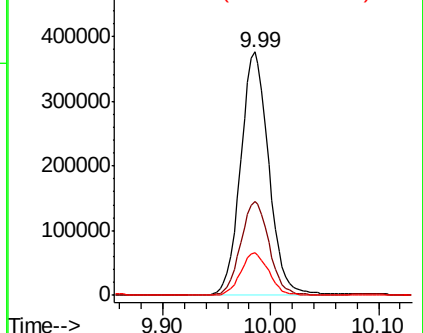
#58
4-Methyl-2-Pentanone
Concen: 151.598 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051481.D
Acq: 25 Sep 2018 13:13

Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

Tot Ion: 43 Resp: 683701
Ion Ratio Lower Upper
43 100
58 39.0 29.3 43.9
85 17.6 12.6 18.8

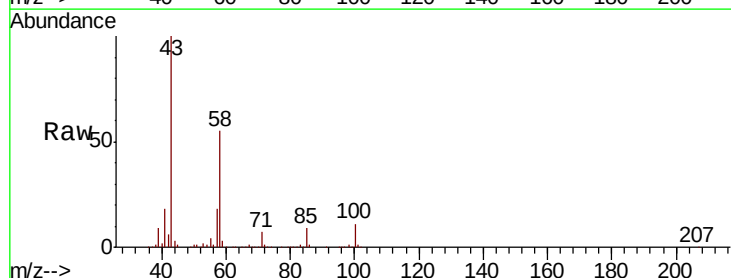


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0
Ion 85.00 (84.70 to 85.70): VN0

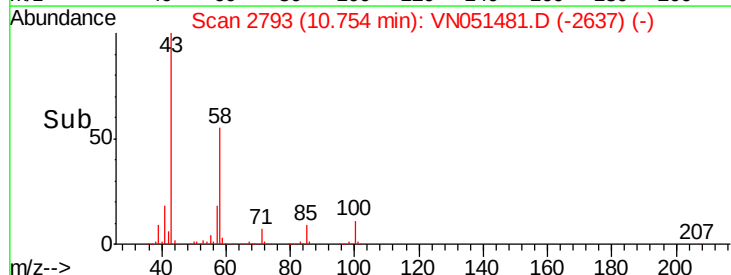
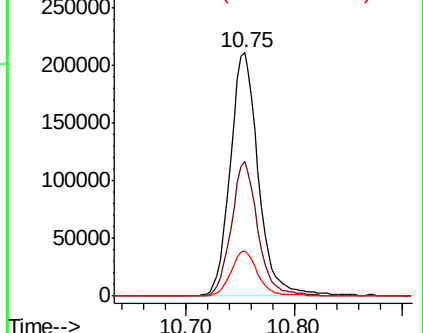


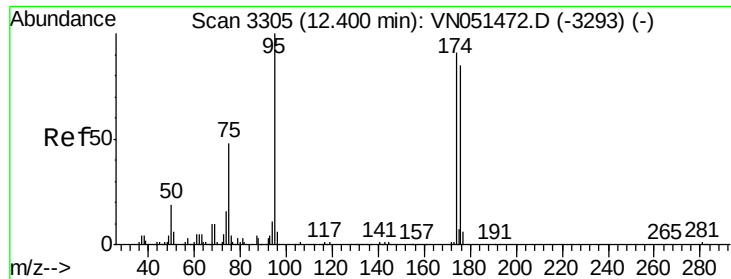
#59
2-Hexanone
Concen: 128.812 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051481.D
Acq: 25 Sep 2018 13:13

Tgt Ion: 43 Resp: 382349
Ion Ratio Lower Upper
43 100
58 52.6 41.3 61.9
57 17.7 13.4 20.0



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

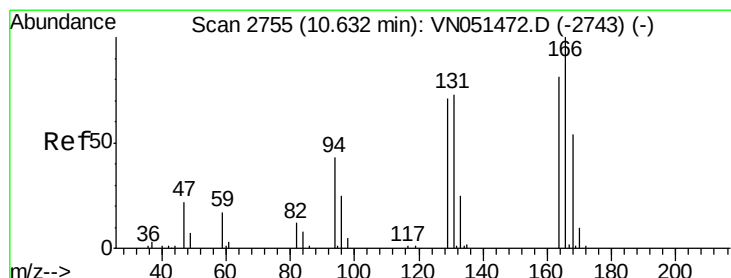
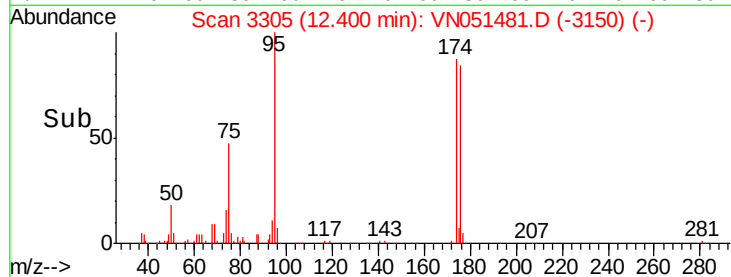
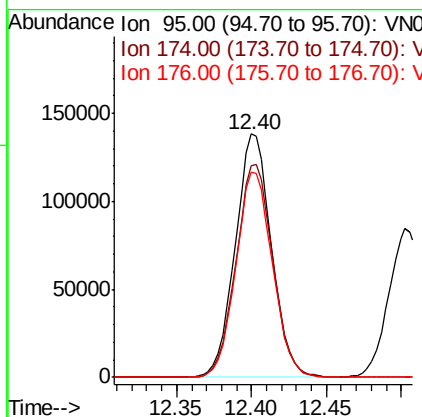
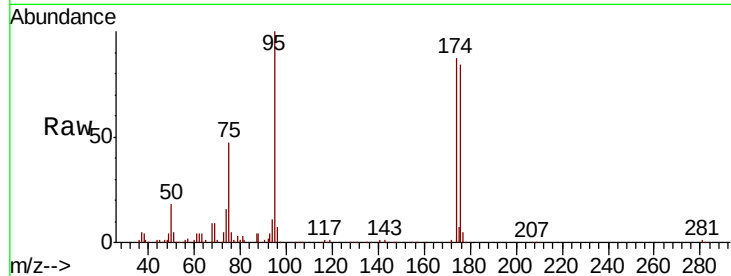




#60
4-Bromofluorobenzene
Concen: 30.769 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051481.D
Acq: 25 Sep 2018 13:13

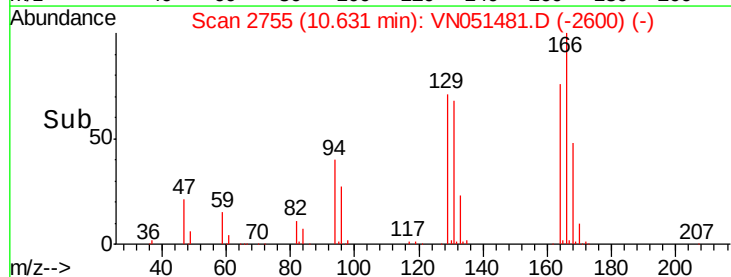
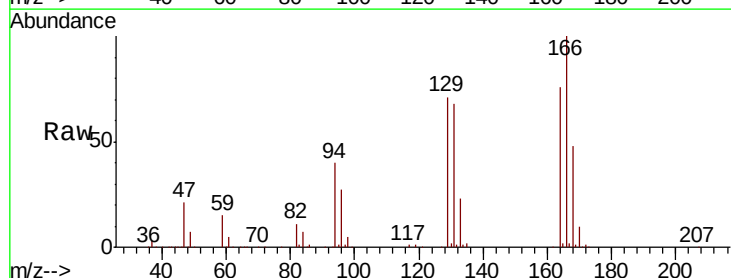
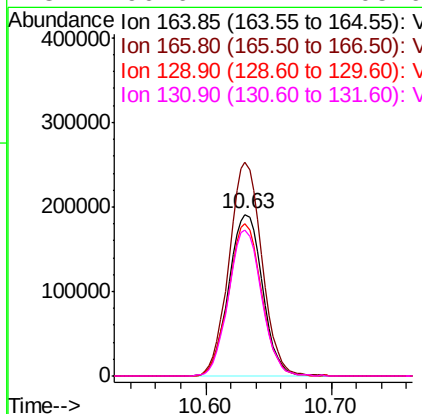
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

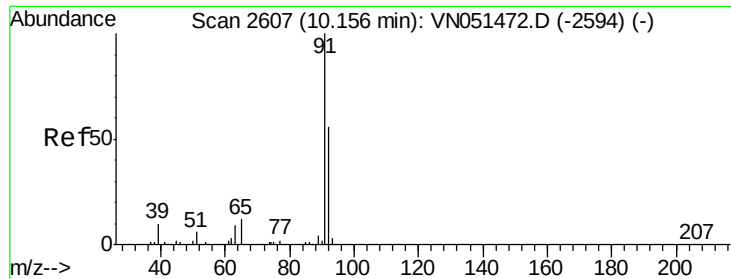
Tot Ion: 95 Resp: 231818
Ion Ratio Lower Upper
95 100
174 89.3 73.5 110.3
176 85.6 70.2 105.2



#61
Tetrachloroethene
Concen: 59.927 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051481.D
Acq: 25 Sep 2018 13:13

Tgt Ion: 164 Resp: 357785
Ion Ratio Lower Upper
164 100
166 132.3 98.7 148.1
129 94.5 69.6 104.4
131 90.6 72.4 108.6





#62

Toluene

Concen: 55.743 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampled :

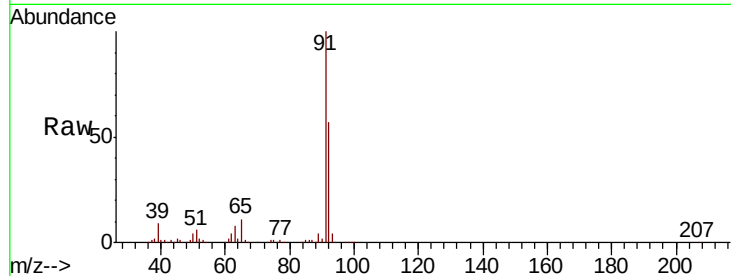
PT-VOA-WP

Tot Ion: 91 Resp: 1464435

Ion Ratio Lower Upper

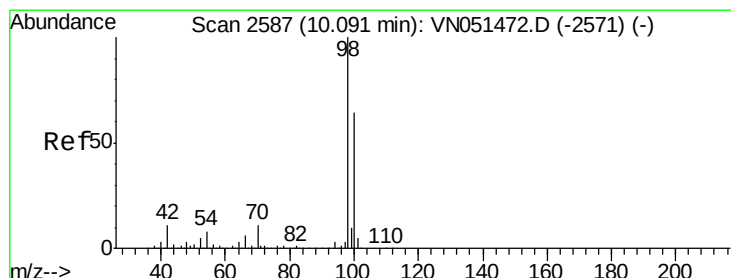
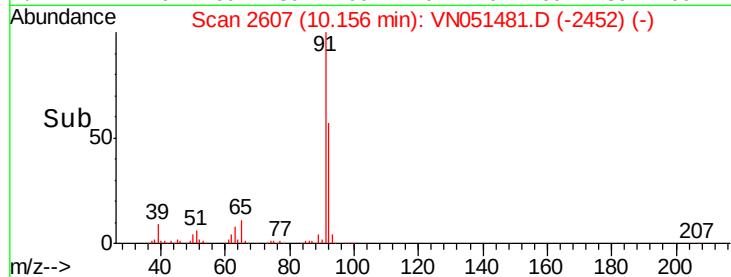
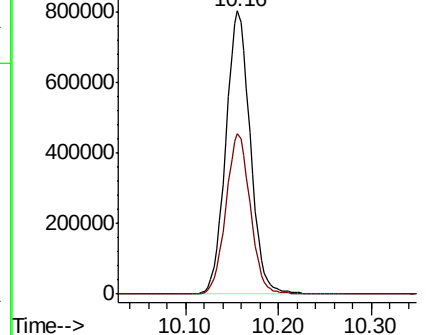
91 100

92 56.7 44.6 66.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0



#63

Toluene-d8

Concen: 30.431 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051481.D

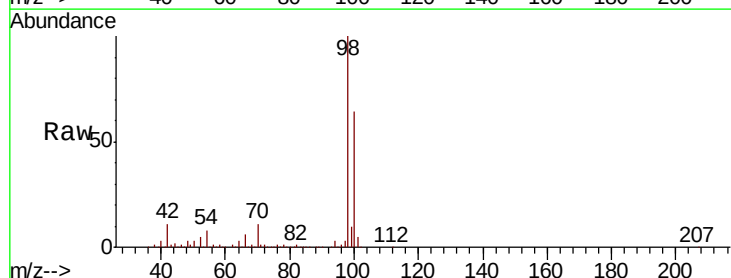
Acq: 25 Sep 2018 13:13

Tgt Ion: 98 Resp: 748764

Ion Ratio Lower Upper

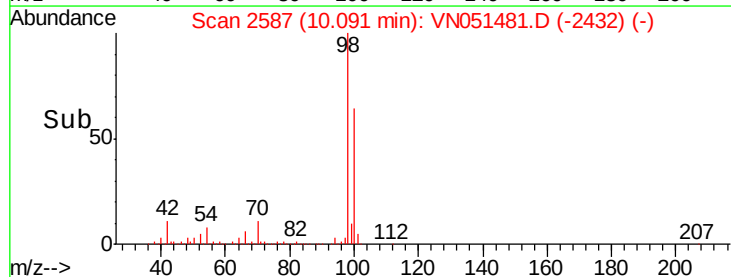
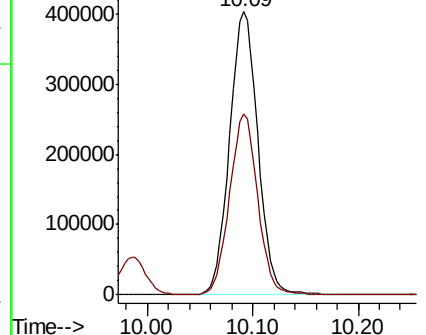
98 100

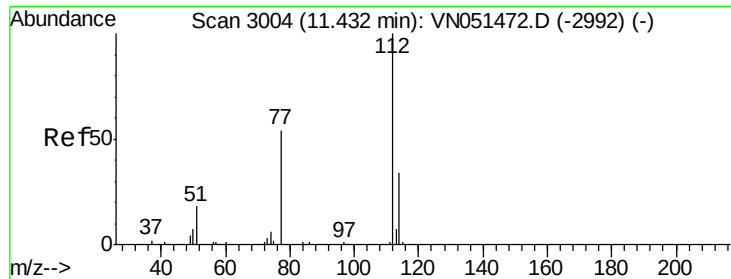
100 63.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

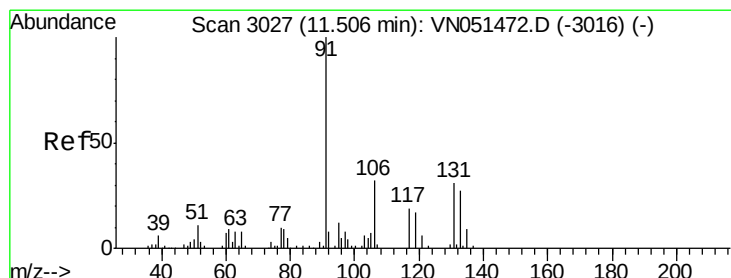
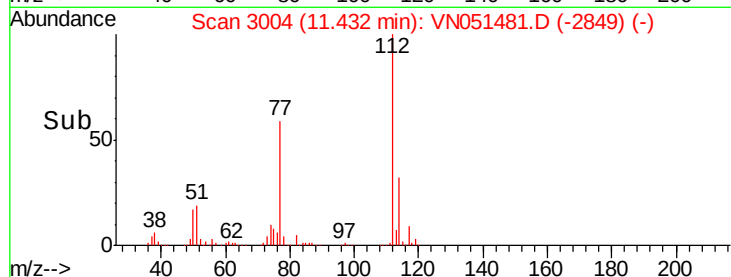
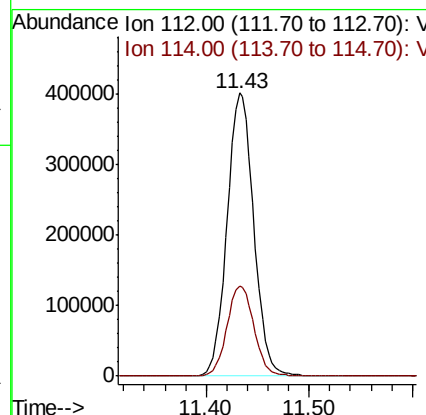
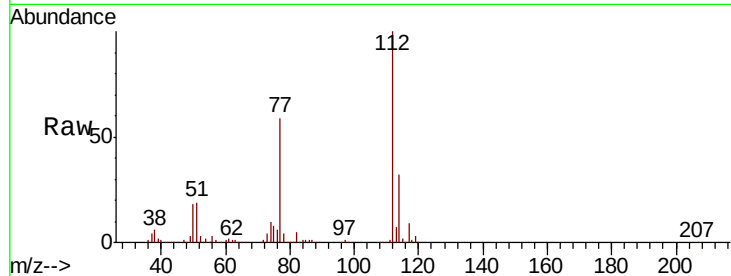




#64
Chlorobenzene
Concen: 44.913 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051481.D
Acq: 25 Sep 2018 13:13

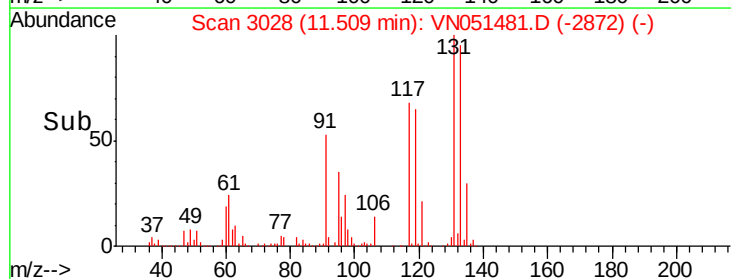
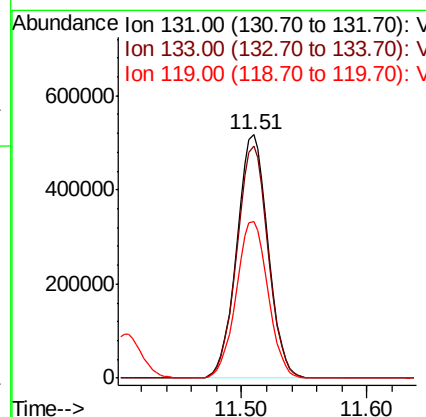
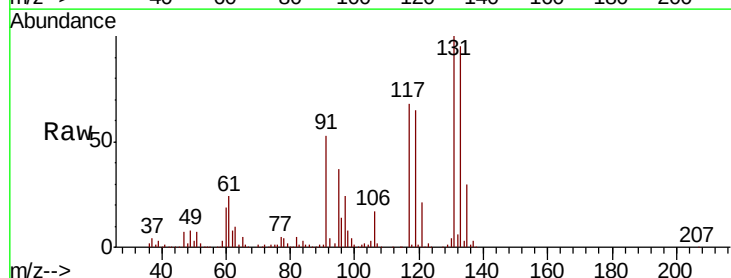
Instrument :
MSVOA_N
ClientSampleId :
PT-VOA-WP

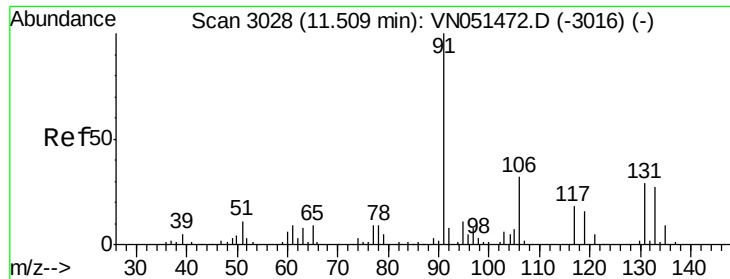
Tot Ion:112 Resp: 723408
Ion Ratio Lower Upper
112 100
114 31.9 27.5 41.3



#65
1,1,1,2-Tetrachloroethane
Concen: 143.428 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051481.D
Acq: 25 Sep 2018 13:13

Tgt Ion:131 Resp: 893180
Ion Ratio Lower Upper
131 100
133 95.6 0.0 190.4
119 65.7 0.0 128.0





#66

Ethyl Benzene

Concen: 17.412 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampled :

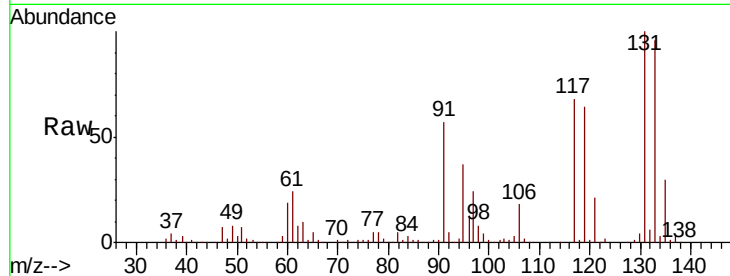
PT-VOA-WP

Tot Ion: 91 Resp: 471917

Ion Ratio Lower Upper

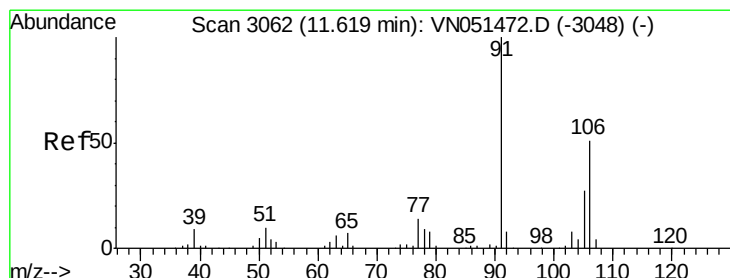
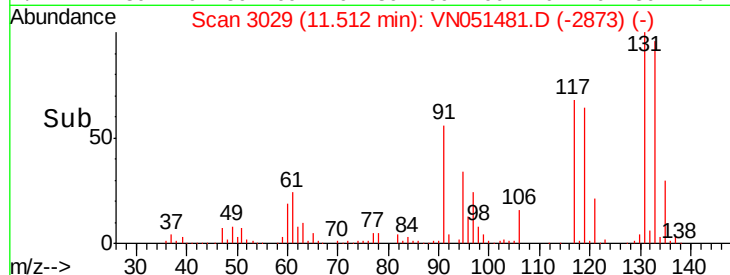
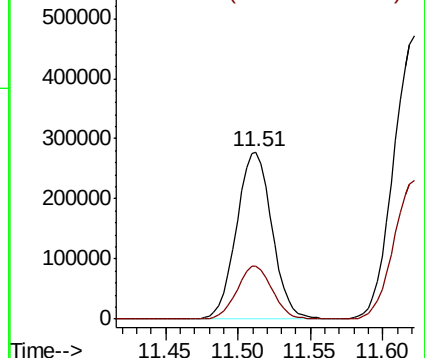
91 100

106 31.7 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN051472.D (-3016) (-)

Ion 106.00 (105.70 to 106.70): VN051472.D (-3016) (-)



#67

m/p-Xylenes

Concen: 42.707 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN051481.D

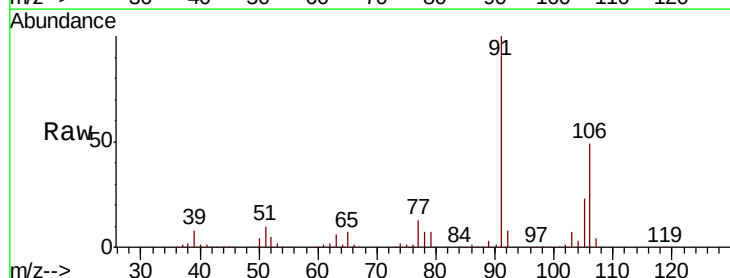
Acq: 25 Sep 2018 13:13

Tgt Ion: 106 Resp: 445596

Ion Ratio Lower Upper

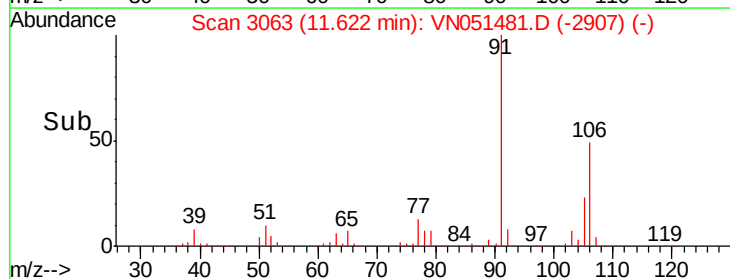
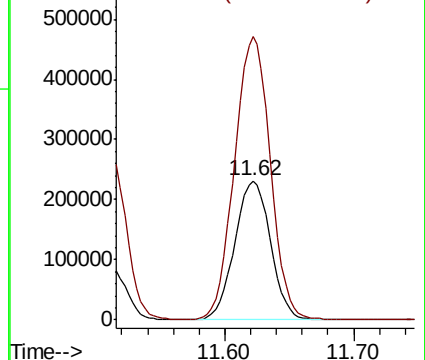
106 100

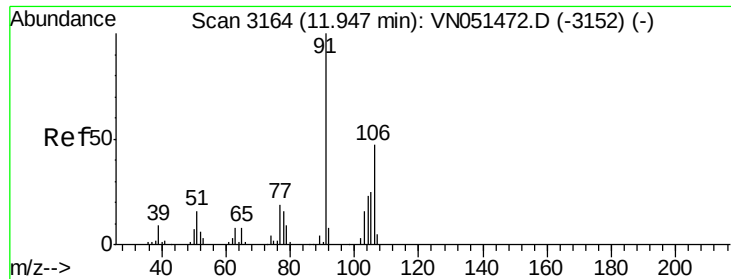
91 203.2 158.8 238.2



Abundance Ion 106.00 (105.70 to 106.70): VN051472.D (-3048) (-)

Ion 91.00 (90.70 to 91.70): VN051472.D (-3048) (-)

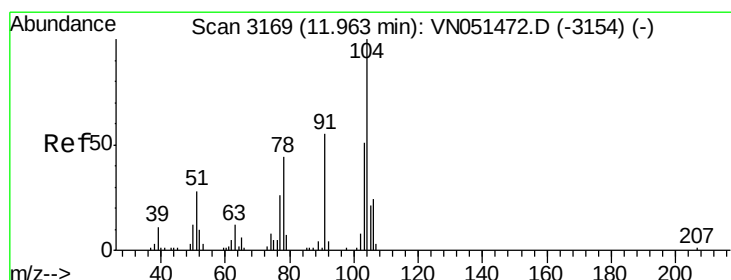
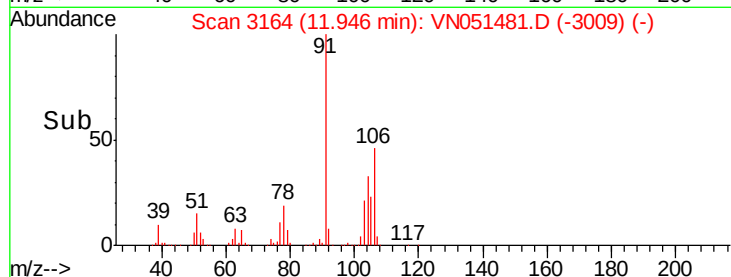
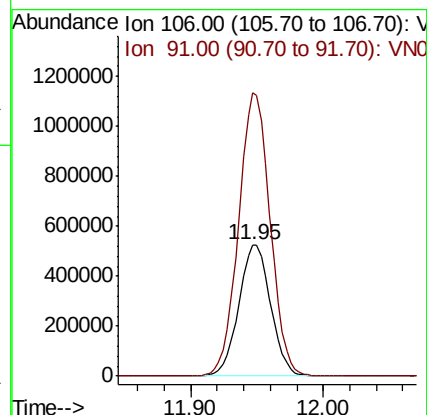
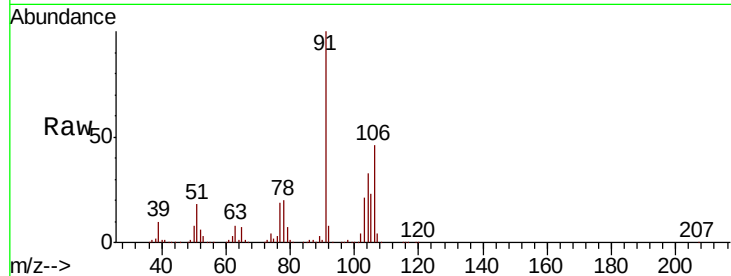




#68
o-Xylene
Concen: 88.073 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051481.D
Acq: 25 Sep 2018 13:13

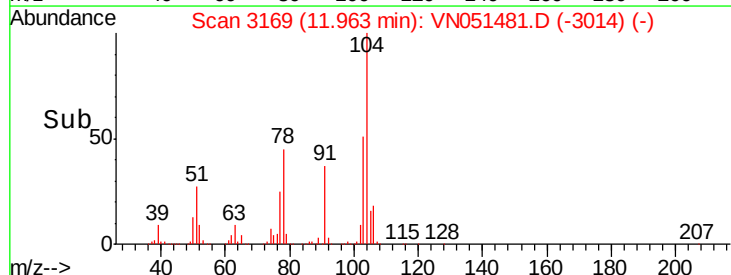
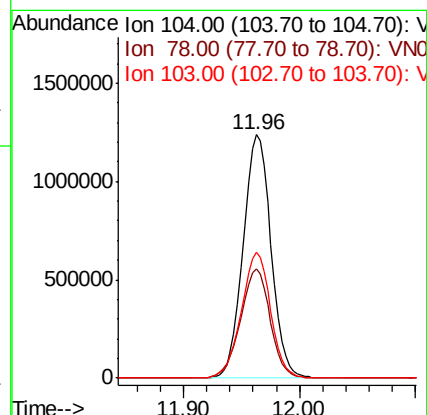
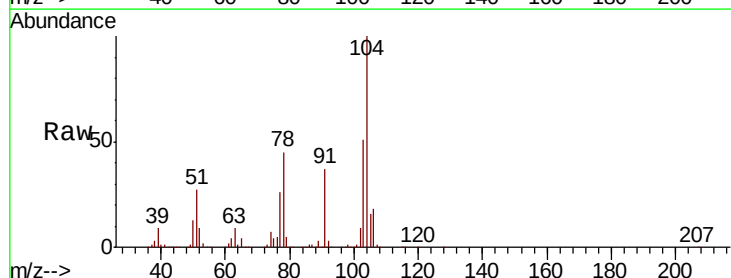
Instrument :
MSVOA_N
ClientSampled :
PT-VOA-WP

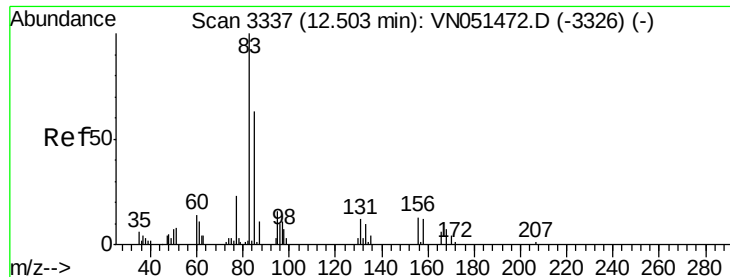
Tot Ion:106 Resp: 875222
Ion Ratio Lower Upper
106 100
91 214.1 111.1 333.3



#69
Styrene
Concen: 131.764 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051481.D
Acq: 25 Sep 2018 13:13

Tgt Ion:104 Resp: 2068388
Ion Ratio Lower Upper
104 100
78 47.6 40.6 60.8
103 54.1 44.0 66.0





#71

1,1,2,2-Tetrachloroethane

Concen: 143.588 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampled :

PT-VOA-WP

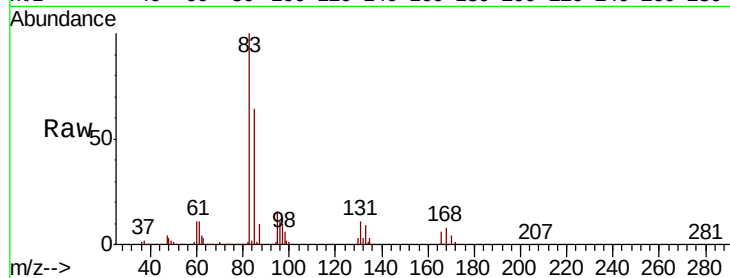
Tot Ion: 83 Resp: 898920

Ion Ratio Lower Upper

83 100

131 10.2 5.5 16.4

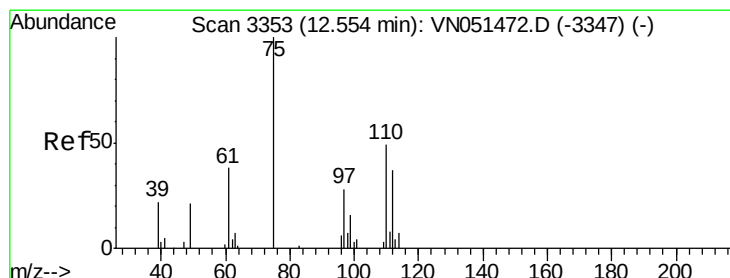
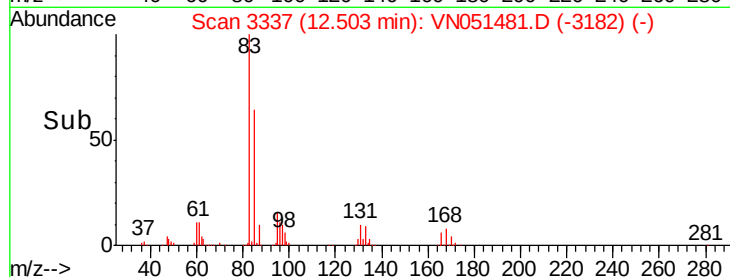
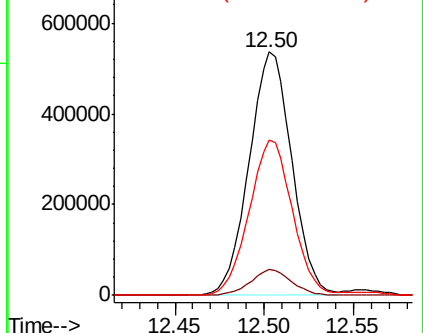
85 64.2 30.6 91.8



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 131.00 (130.70 to 131.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#72

1,2,3-Trichloropropane

Concen: 151.481 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051481.D

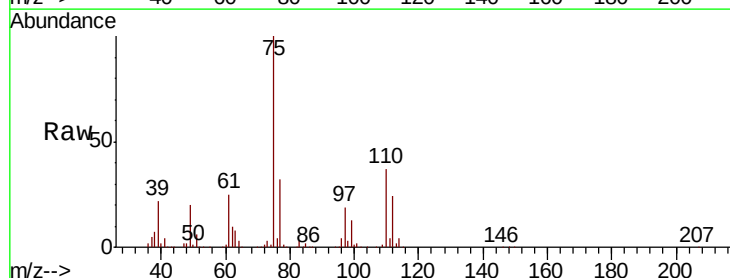
Acq: 25 Sep 2018 13:13

Tgt Ion: 75 Resp: 747842

Ion Ratio Lower Upper

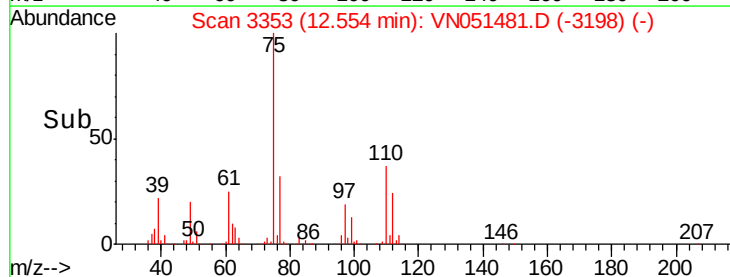
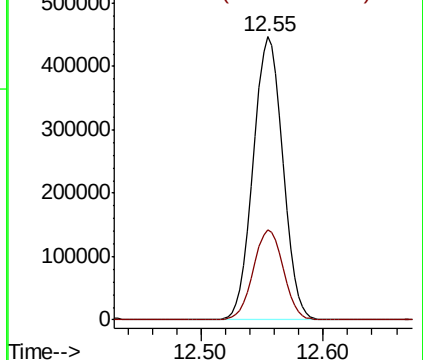
75 100

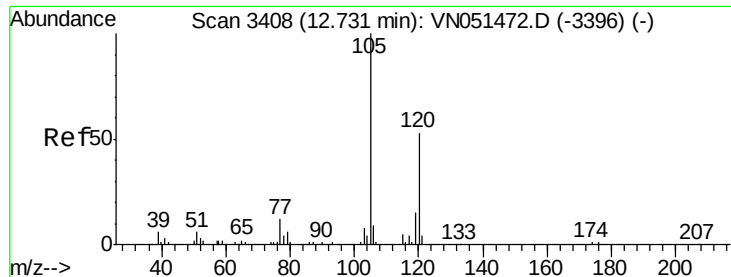
77 32.2 0.0 400.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#76

1,3,5-Trimethylbenzene

Concen: 58.180 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampled :

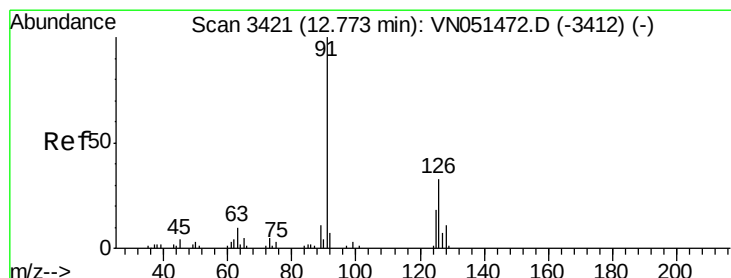
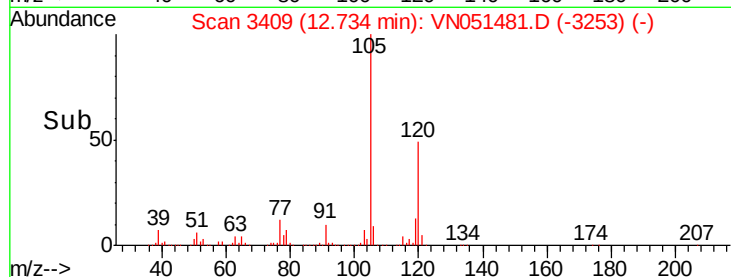
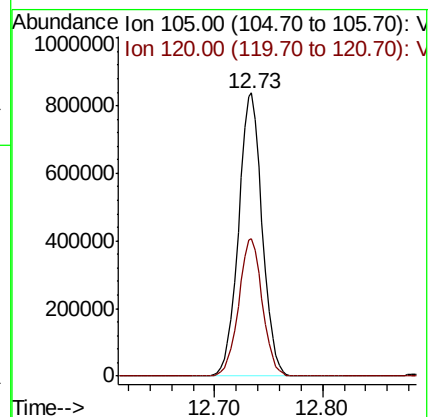
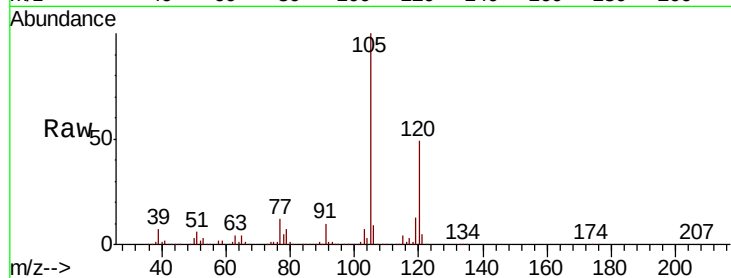
PT-VOA-WP

Tot Ion:105 Resp: 1276736

Ion Ratio Lower Upper

105 100

120 48.8 0.0 98.2



#78

4-Chlorotoluene

Concen: 7.419 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN051481.D

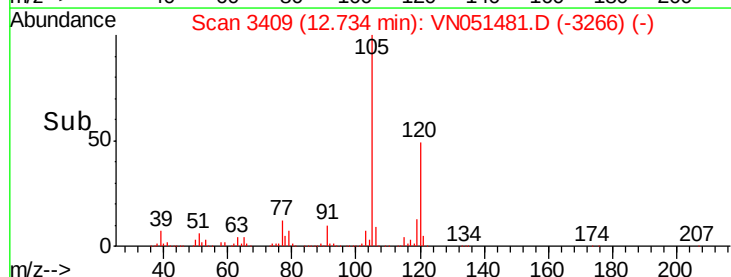
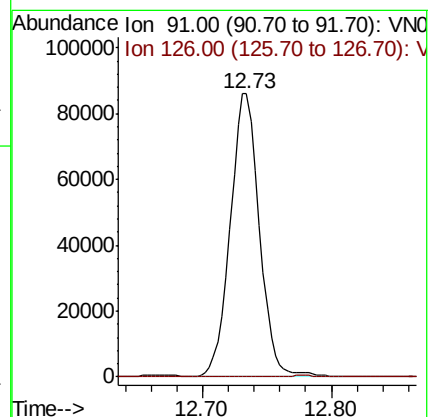
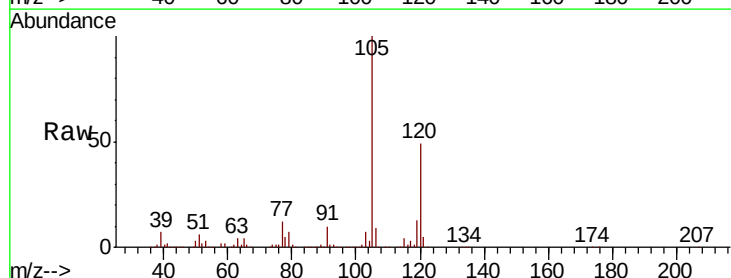
Acq: 25 Sep 2018 13:13

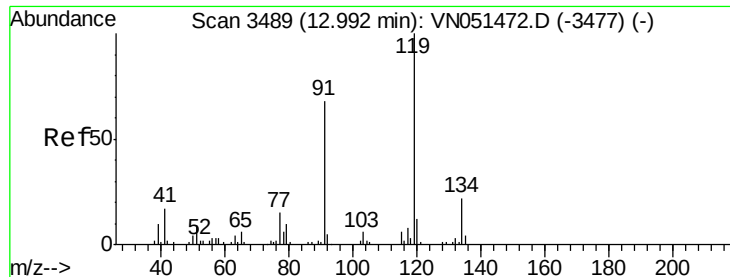
Tgt Ion: 91 Resp: 134258

Ion Ratio Lower Upper

91 100

126 0.4 0.0 65.2

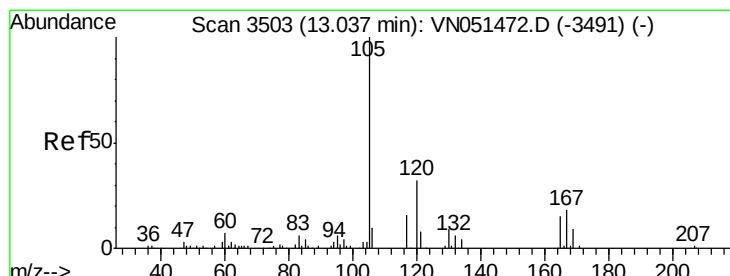
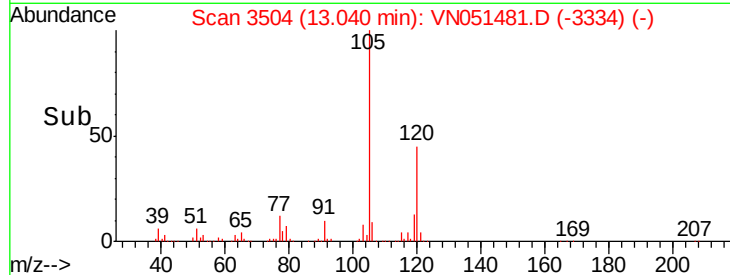
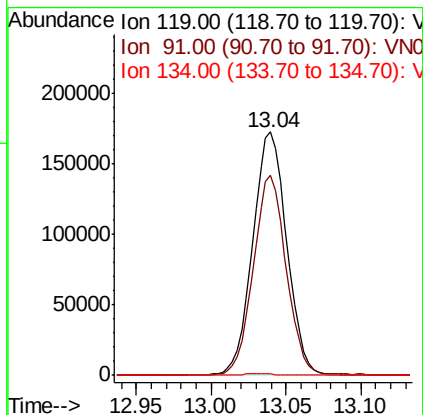
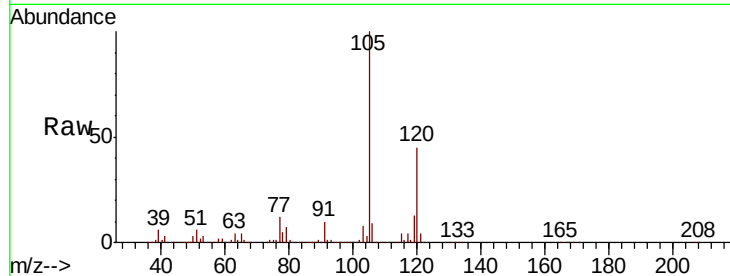




#79
 tert-butylbenzene
 Concen: 14.288 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN051481.D
 Acq: 25 Sep 2018 13:13

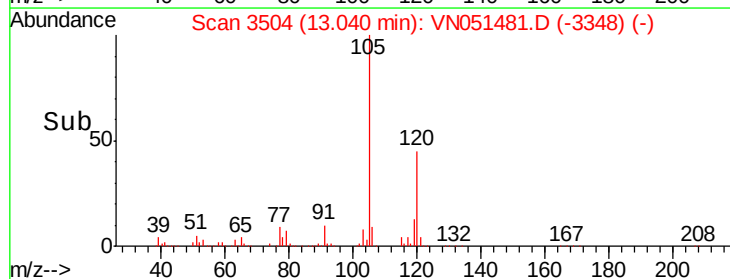
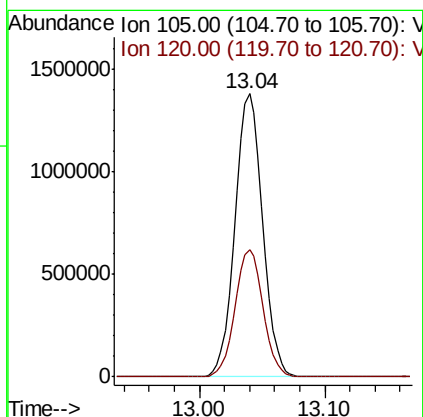
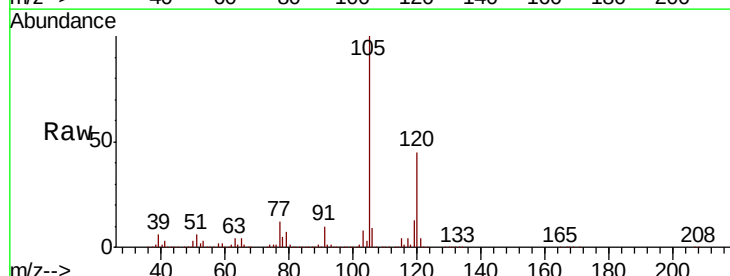
Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

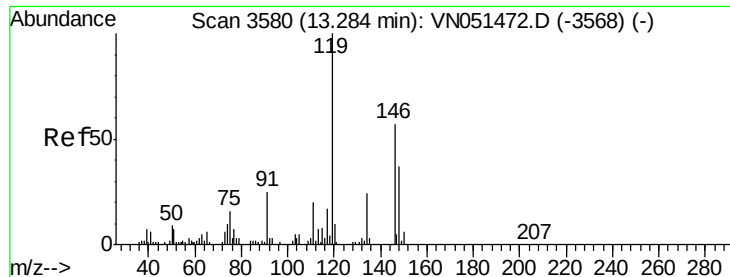
Tot Ion:119 Resp: 272990
 Ion Ratio Lower Upper
 119 100
 91 79.6 0.0 131.6
 134 0.8 0.0 46.2



#80
 1,2,4-Trimethylbenzene
 Concen: 95.577 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051481.D
 Acq: 25 Sep 2018 13:13

Tgt Ion:105 Resp: 2108517
 Ion Ratio Lower Upper
 105 100
 120 45.4 0.0 89.6





#83

1,3-Dichlorobenzene

Concen: 124.388 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampleId :

PT-VOA-WP

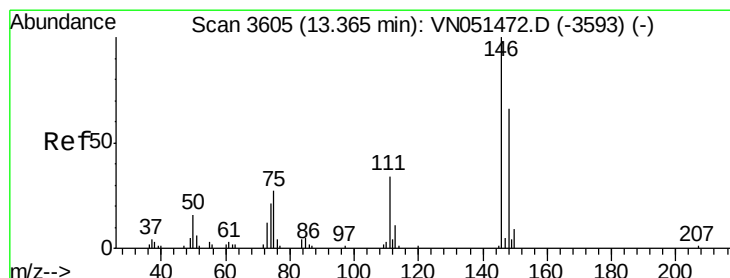
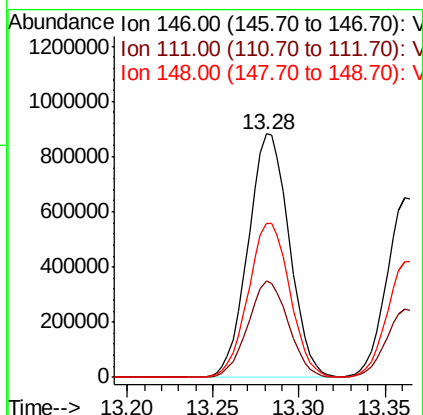
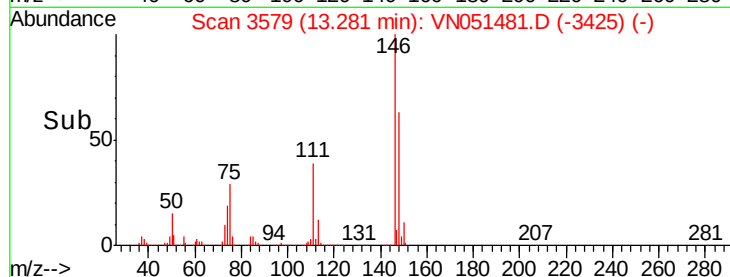
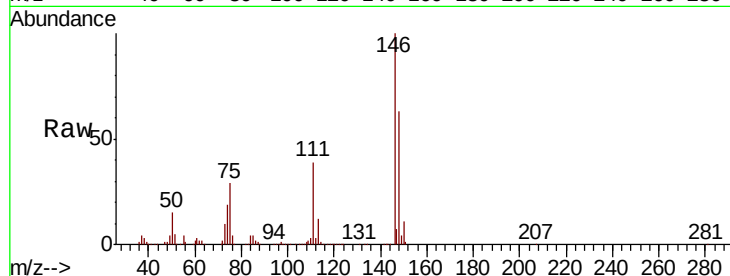
Tot Ion:146 Resp: 1462338

Ion Ratio Lower Upper

146 100

111 39.0 18.1 54.3

148 64.2 31.3 93.8



#84

1,4-Dichlorobenzene

Concen: 97.013 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

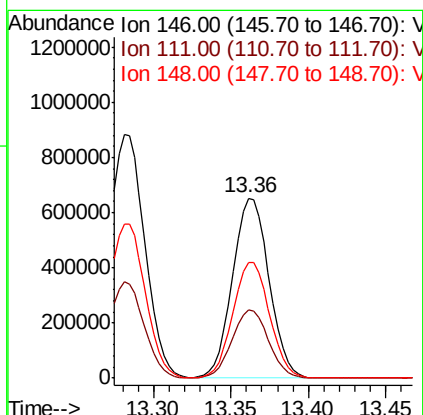
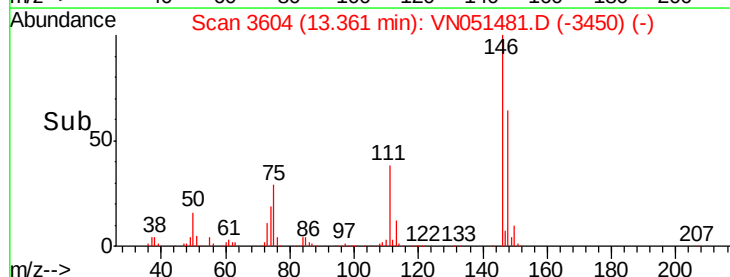
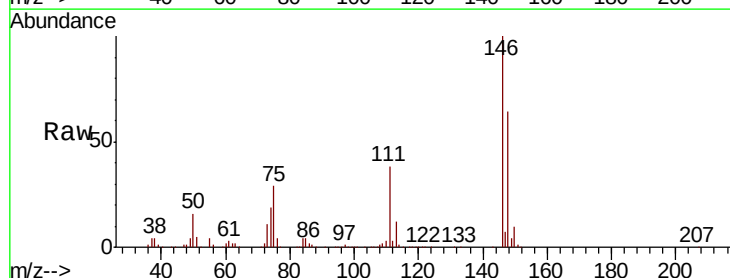
Tgt Ion:146 Resp: 1071168

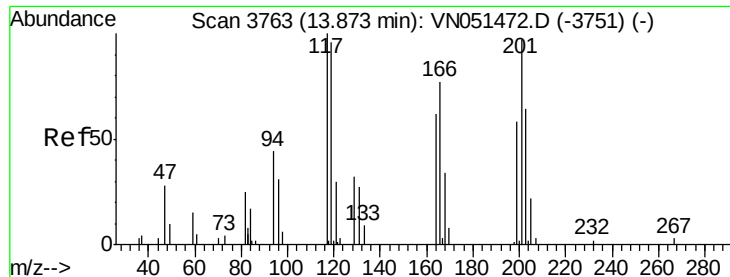
Ion Ratio Lower Upper

146 100

111 37.6 17.4 52.2

148 64.6 32.8 98.3





#86

Hexachloroethane

Concen: 1.617 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampleId :

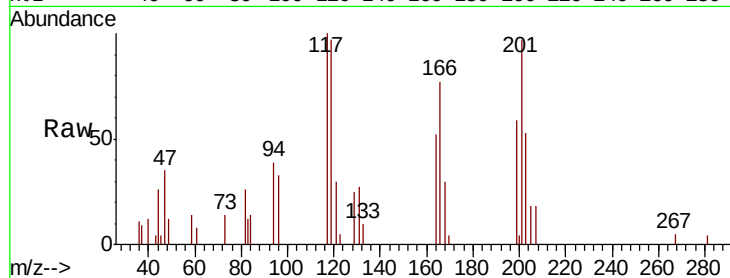
PT-VOA-WP

Tot Ion:117 Resp: 7353

Ion Ratio Lower Upper

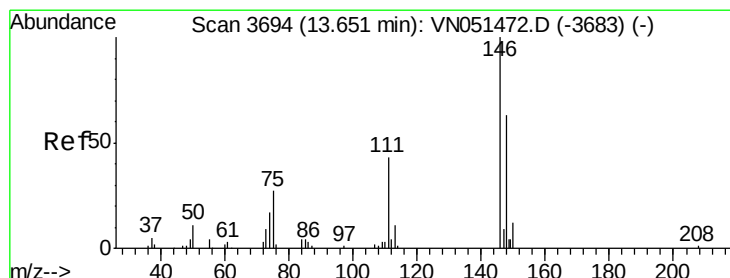
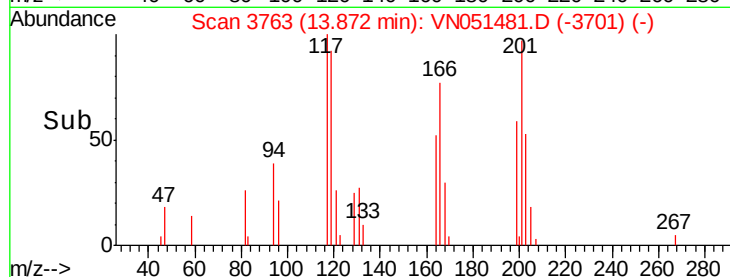
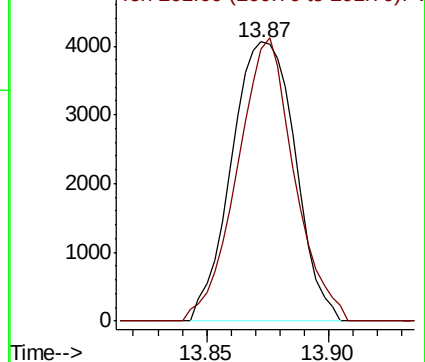
117 100

201 90.6 47.8 143.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V



#87

1,2-Dichlorobenzene

Concen: 64.783 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

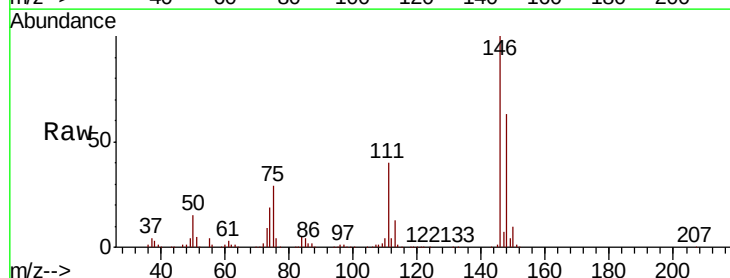
Tgt Ion:146 Resp: 721992

Ion Ratio Lower Upper

146 100

111 39.8 20.8 62.2

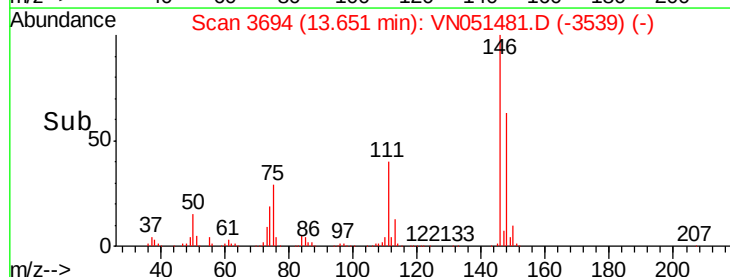
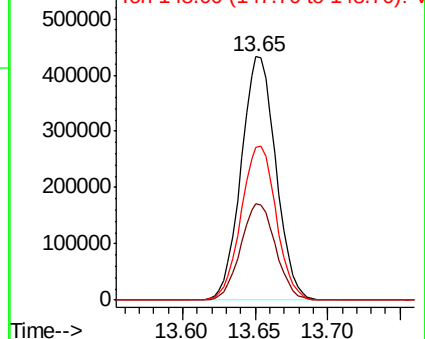
148 63.8 33.2 99.6

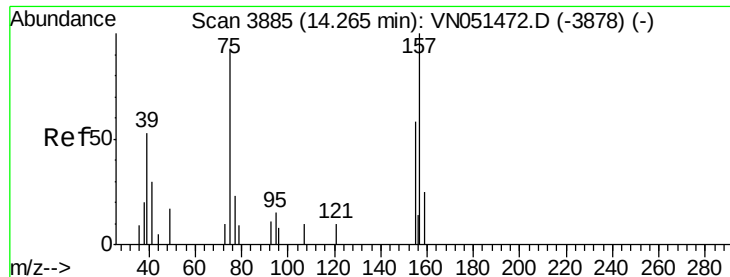


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#88

1,2-Dibromo-3-Chloropropane

Concen: 83.255 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampled :

PT-VOA-WP

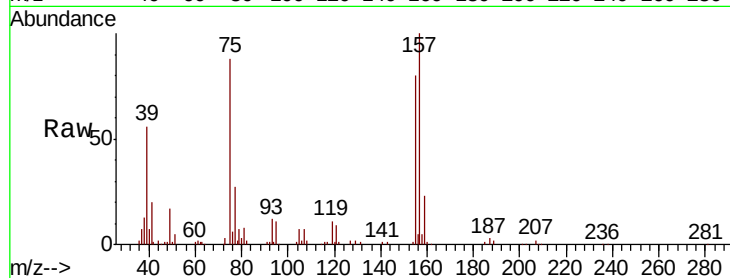
Tot Ion: 75 Resp: 76925

Ion Ratio Lower Upper

75 100

155 88.1 57.0 85.6#

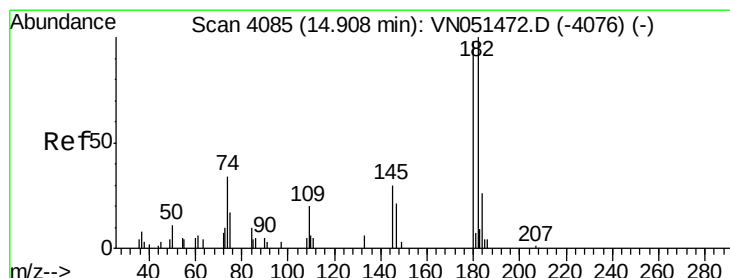
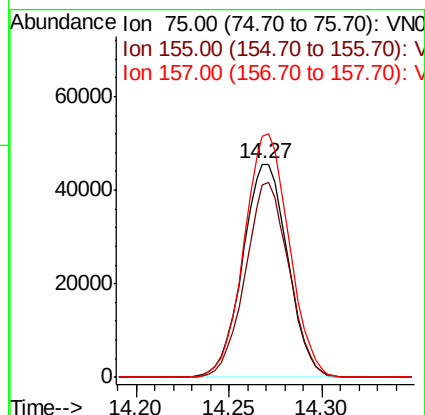
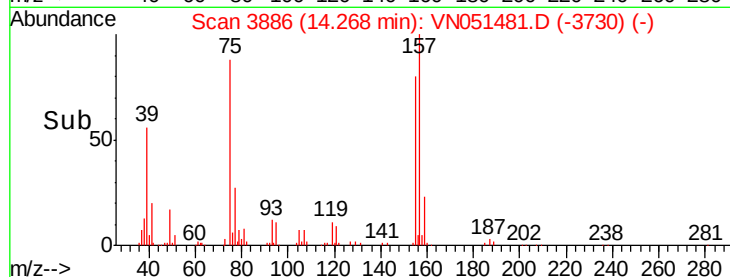
157 113.7 87.4 131.0



Abundance Ion 75.00 (74.70 to 75.70): VN051481.D (-3730) (-)

Ion 155.00 (154.70 to 155.70): VN051481.D (-3730) (-)

Ion 157.00 (156.70 to 157.70): VN051481.D (-3730) (-)



#89

1,2,4-Trichlorobenzene

Concen: 146.516 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

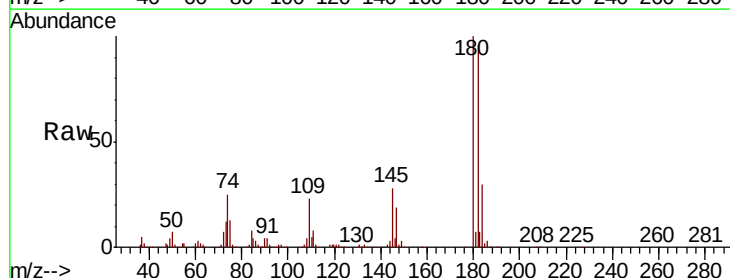
Tgt Ion: 180 Resp: 813347

Ion Ratio Lower Upper

180 100

182 95.4 77.7 116.5

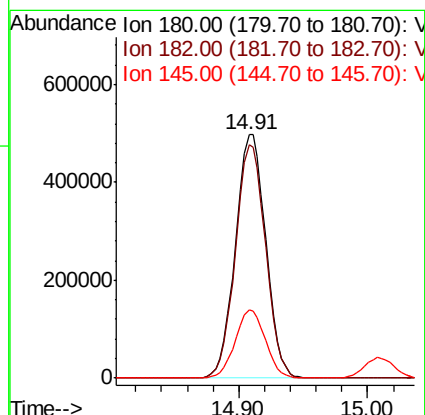
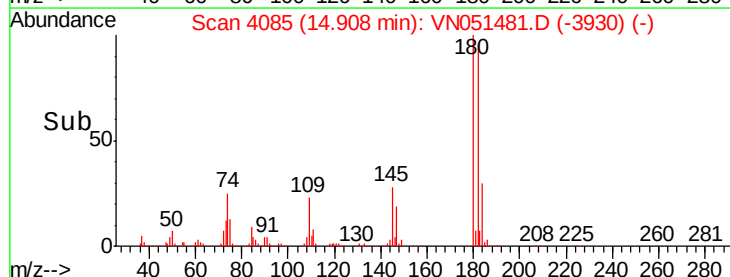
145 27.8 23.4 35.2

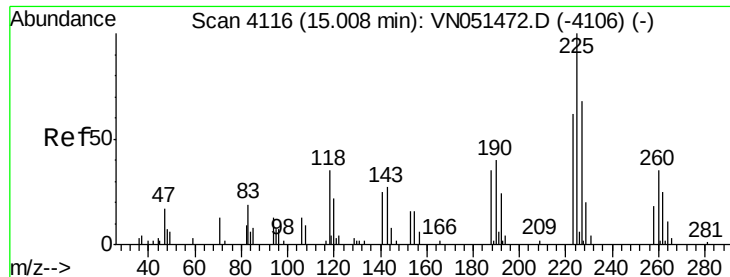


Abundance Ion 180.00 (179.70 to 180.70): VN051481.D (-3930) (-)

Ion 182.00 (181.70 to 182.70): VN051481.D (-3930) (-)

Ion 145.00 (144.70 to 145.70): VN051481.D (-3930) (-)





#90

Hexachlorobutadiene

Concen: 207.147 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

Instrument :

MSVOA_N

ClientSampled :

PT-VOA-WP

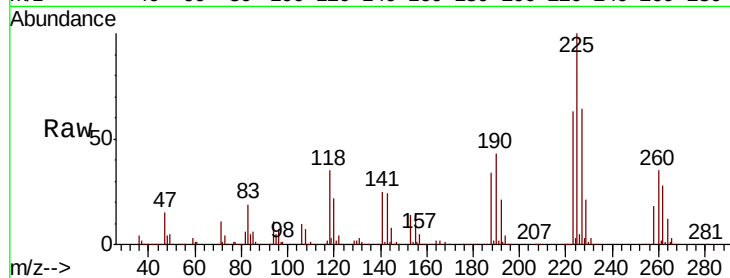
Tot Ion:225 Resp: 891222

Ion Ratio Lower Upper

225 100

223 62.5 0.0 117.0

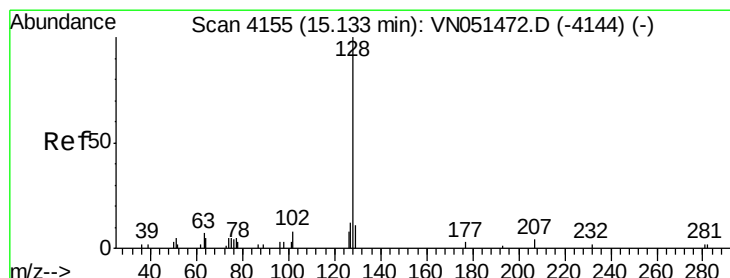
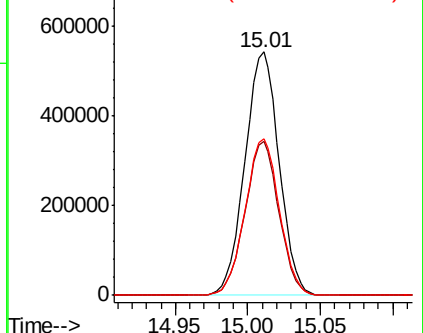
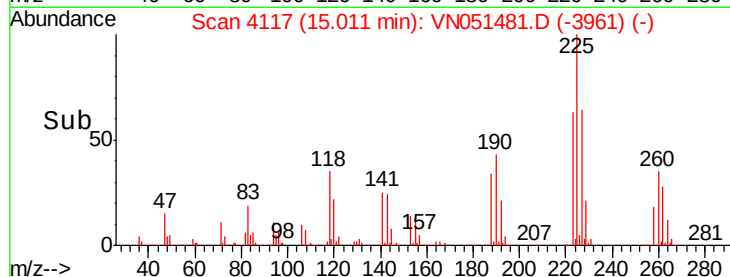
227 64.4 0.0 127.0



Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 169.096 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051481.D

Acq: 25 Sep 2018 13:13

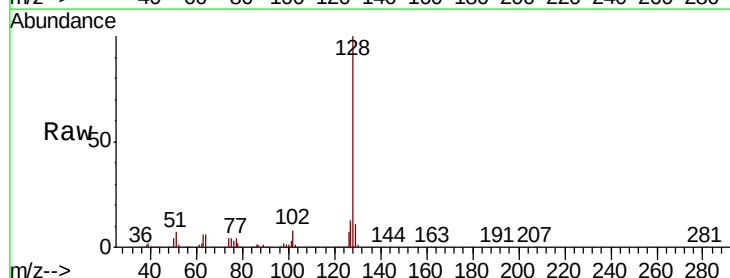
Tgt Ion:128 Resp: 1771254

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

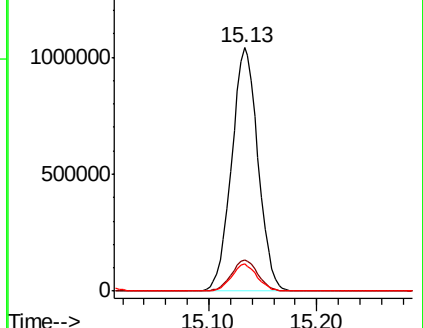
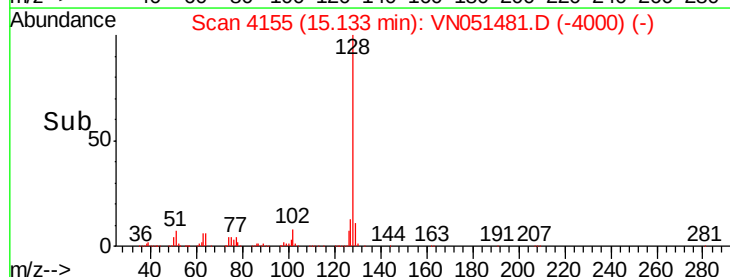
129 10.8 8.4 12.6

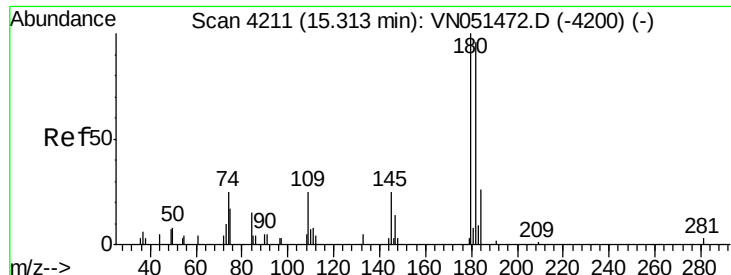


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

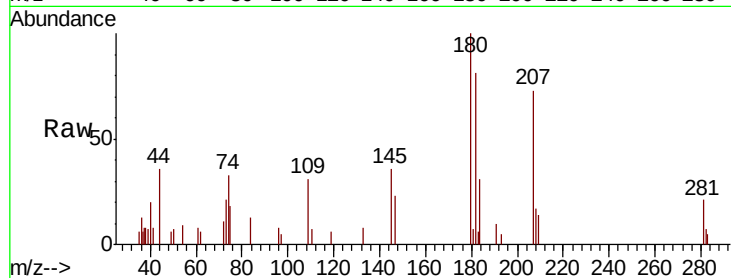




#92
 1,2,3-Trichlorobenzene
 Concen: 0.915 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN051481.D
 Acq: 25 Sep 2018 13:13

Instrument :
 MSVOA_N
 ClientSampleId :
 PT-VOA-WP

Tot Ion	Ratio	Lower	Upper
180	100		
182	84.7	0.0	198.0
145	34.2	0.0	36.8



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

