

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
 Data File : VN052507.D
 Acq On : 28 Nov 2018 9:36
 Operator : MD\SY
 Sample : VN1128WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBL01

Quant Time: Nov 28 13:33:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1332492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2045417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1755225	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	634839	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	697673	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
35) Dibromofluoromethane	7.59	113	630258	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
50) Toluene-d8	10.09	98	2456762	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.40	95	753041	45.66	ug/l	0.00
Spiked Amount			Recovery	=	91.32%	

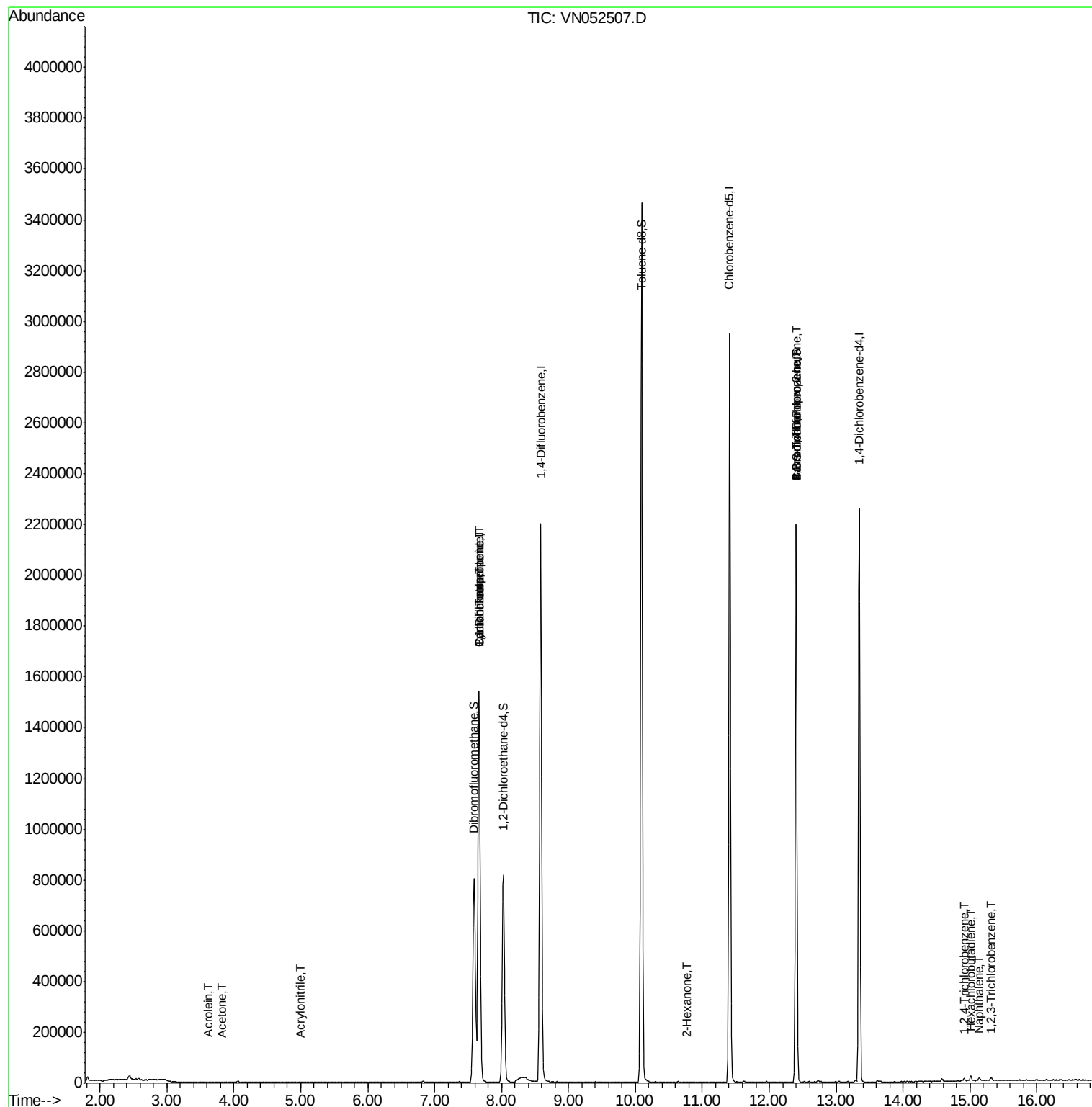
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	652	33.918	ug/l #	53
15) Acrylonitrile	5.00	53	1076	0.234	ug/l #	70
16) Acetone	3.82	43	963	0.252	ug/l #	56
31) Cyclohexane	7.66	56	23616	0.585	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	91768	4.751	ug/l #	50
38) Carbon Tetrachloride	7.66	117	117567	6.724	ug/l #	16
59) 2-Hexanone	10.75	43	1568	0.209	ug/l	65
71) Bromoform	12.40	173	4293	0.515	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	365789	37.365	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	365789	124.782	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	4418	3.199	ug/l	94
94) Hexachlorobutadiene	15.01	225	3837	0.580	ug/l	91
95) Naphthalene	15.14	128	11054	3.859	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	5083	3.191	ug/l	93

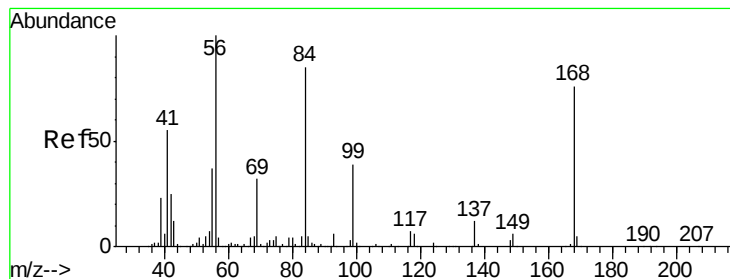
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN112818\
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Quant Time: Nov 28 13:33:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052507.D

Acq: 28 Nov 2018 9:36

Instrument :

MSVOA_N

ClientSampleId :

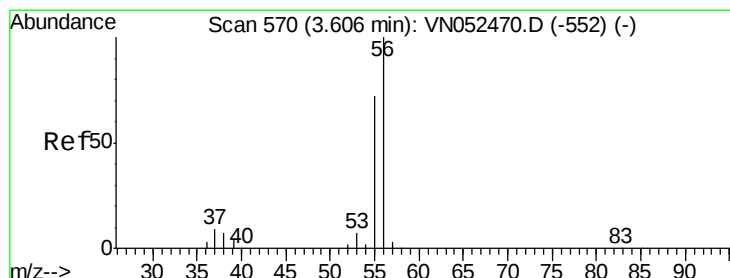
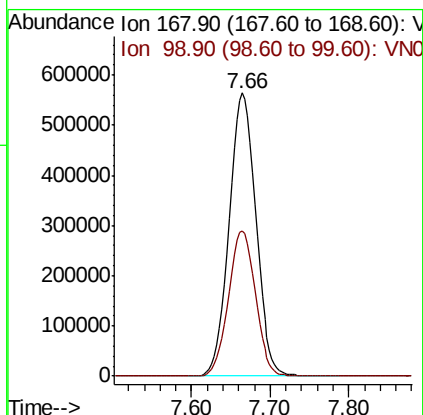
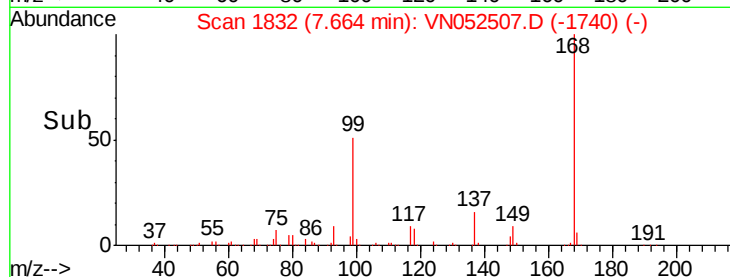
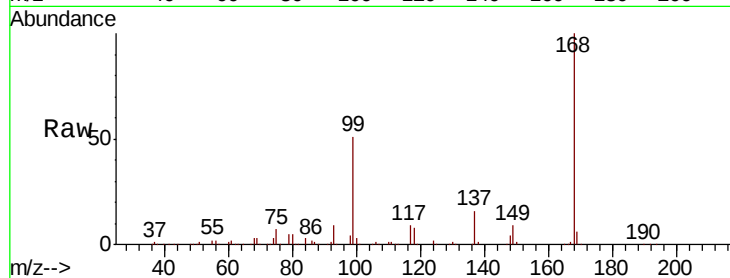
VN1128WBL01

Tgt Ion:168 Resp: 1332492

Ion Ratio Lower Upper

168 100

99 51.5 41.7 62.5



#13

Acrolein

Concen: 33.918 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052507.D

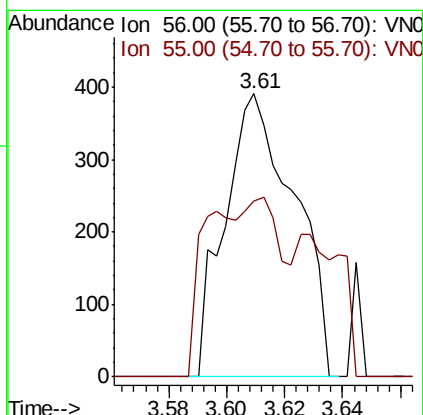
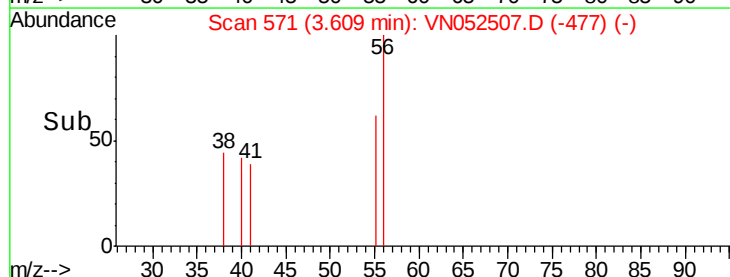
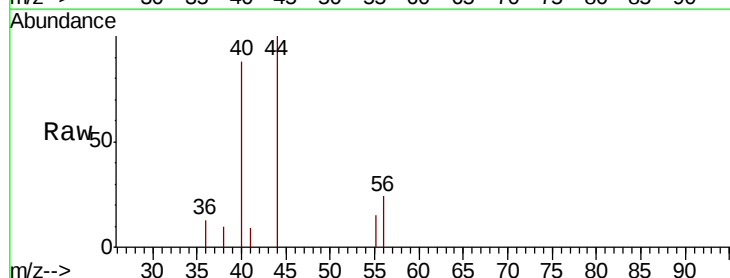
Acq: 28 Nov 2018 9:36

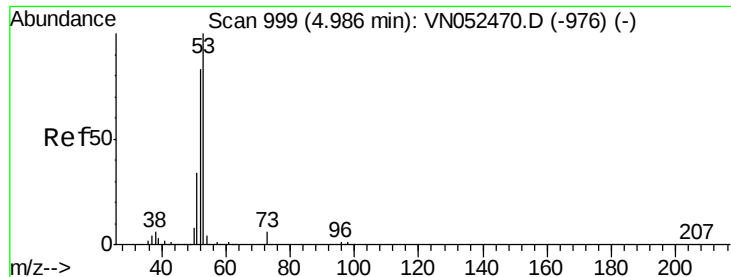
Tgt Ion: 56 Resp: 652

Ion Ratio Lower Upper

56 100

55 32.1 56.8 85.2#





#15

Acrylonitrile

Concen: 0.234 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. 0.02 min

Lab File: VN052507.D

Acq: 28 Nov 2018 9:36

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBL01

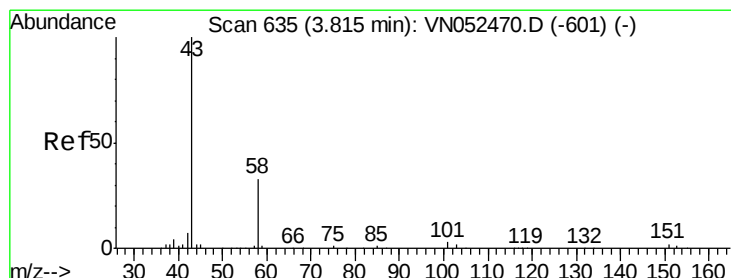
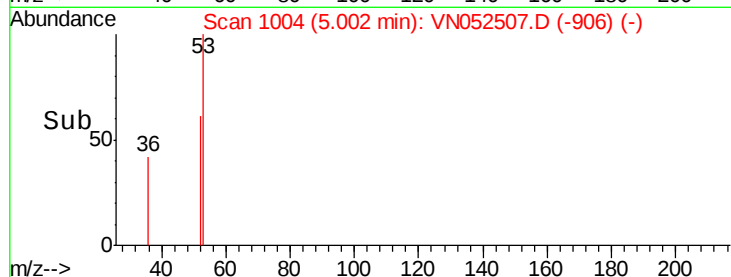
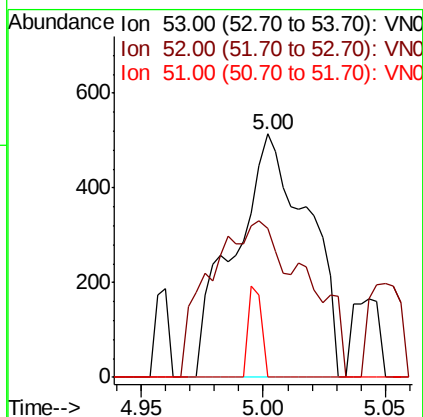
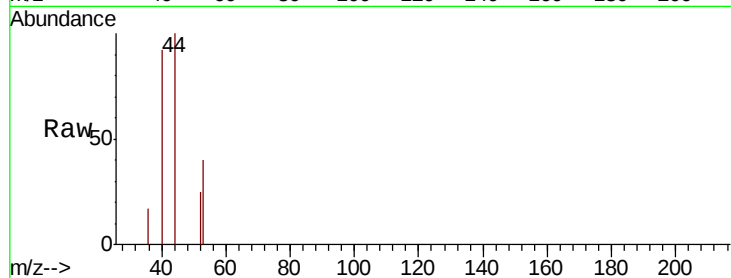
Tgt Ion: 53 Resp: 1076

Ion Ratio Lower Upper

53 100

52 63.6 66.2 99.2#

51 6.6 28.1 42.1#



#16

Acetone

Concen: 0.252 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052507.D

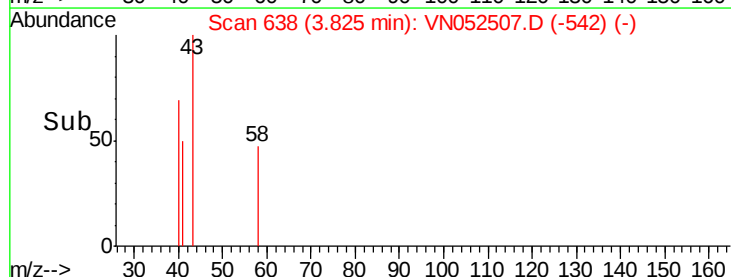
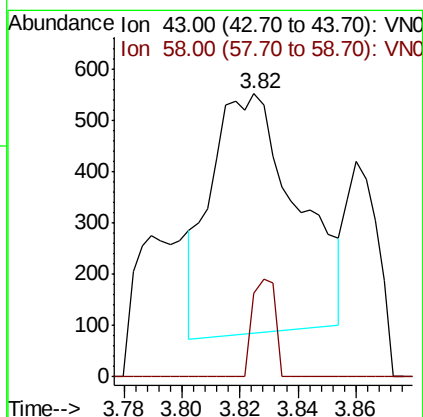
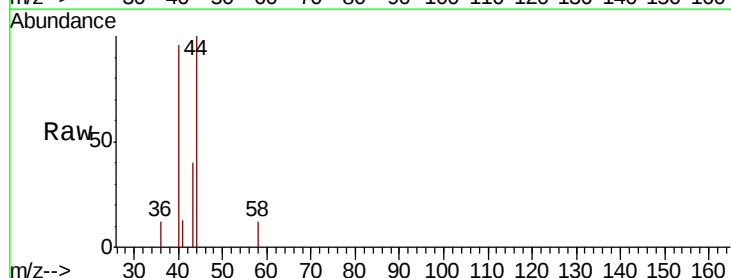
Acq: 28 Nov 2018 9:36

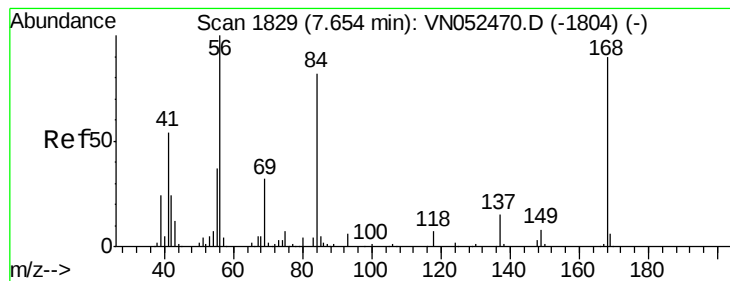
Tgt Ion: 43 Resp: 963

Ion Ratio Lower Upper

43 100

58 57.4 26.0 39.0#





#31

Cyclohexane

Concen: 0.585 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN052507.D

Acq: 28 Nov 2018 9:36

Instrument :

MSVOA_N

ClientSampled :

VN1128WBL01

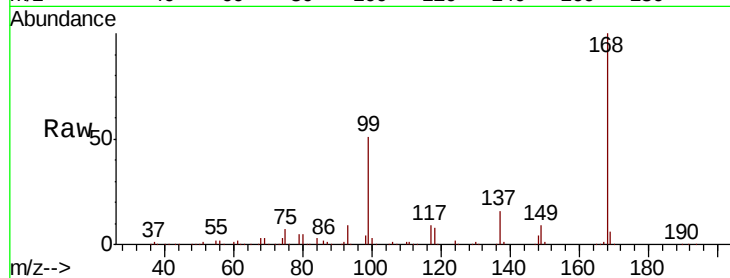
Tgt Ion: 56 Resp: 23616

Ion Ratio Lower Upper

56 100

69 183.3 25.8 38.6#

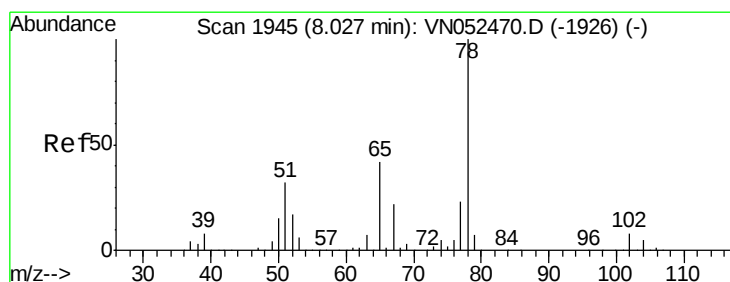
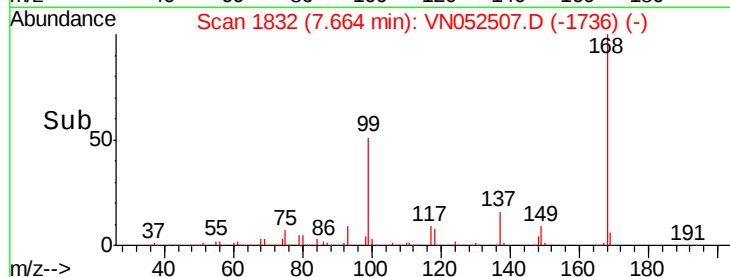
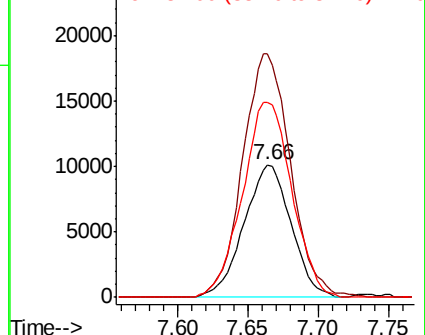
84 147.3 65.3 97.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052507.D

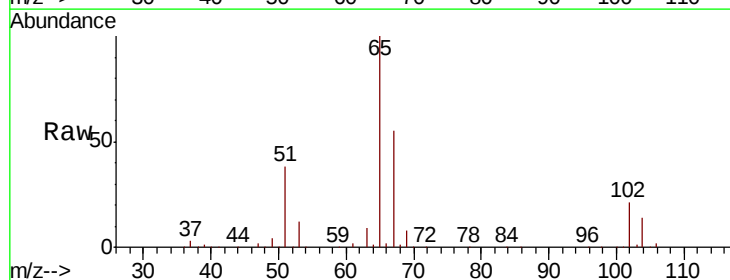
Acq: 28 Nov 2018 9:36

Tgt Ion: 65 Resp: 697673

Ion Ratio Lower Upper

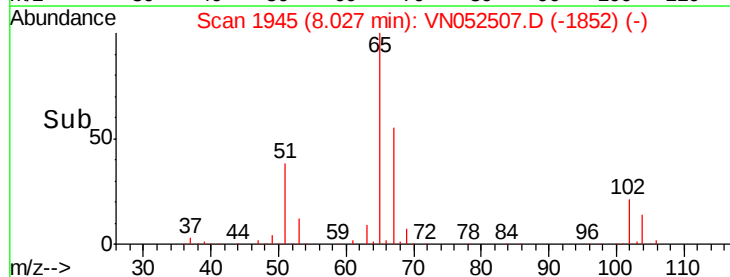
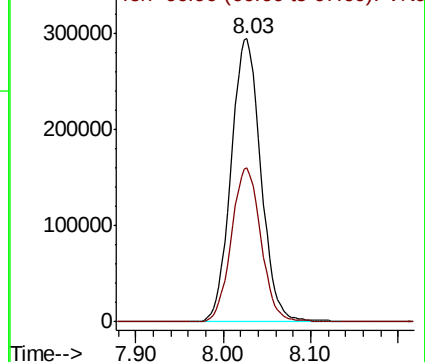
65 100

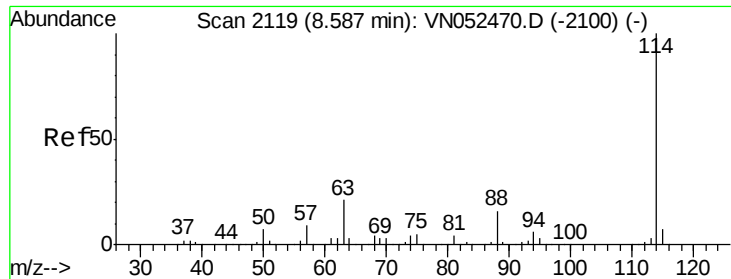
67 54.2 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

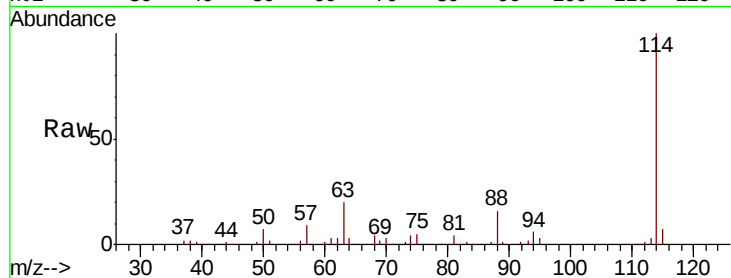




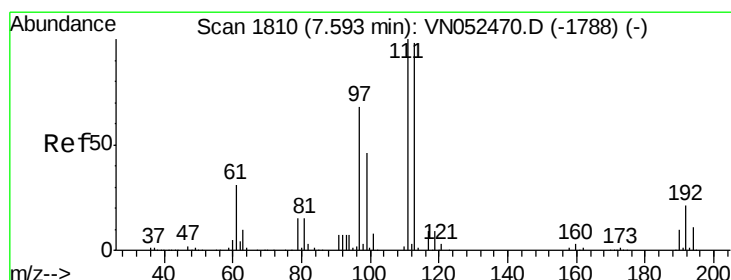
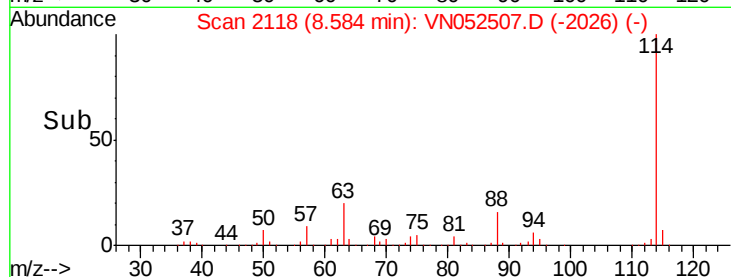
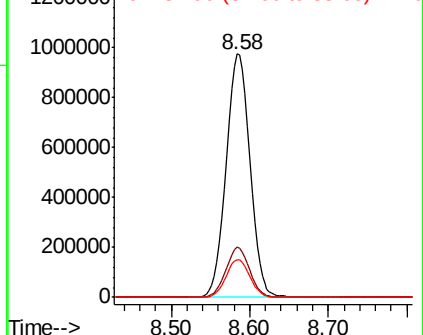
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052507.D
 Acq: 28 Nov 2018 9:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBL01

Tgt Ion:114 Resp: 2045417
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.8
 88 15.6 0.0 31.6

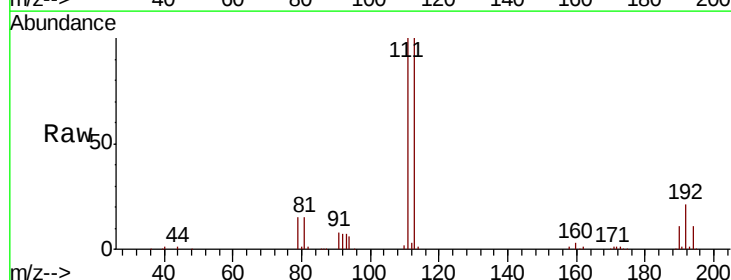


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

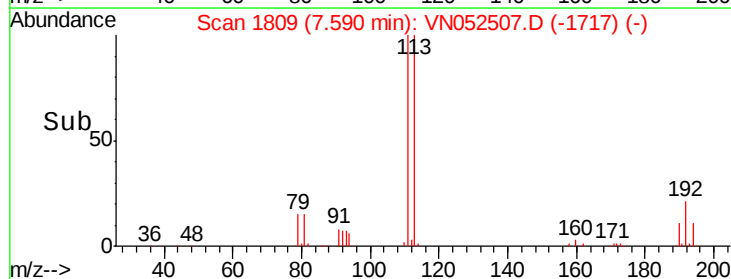
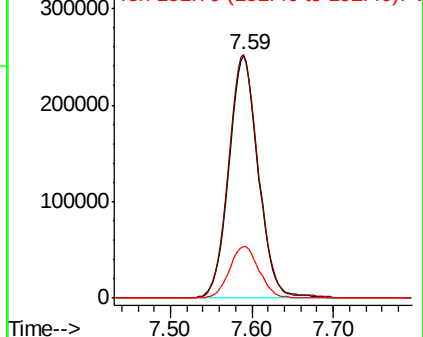


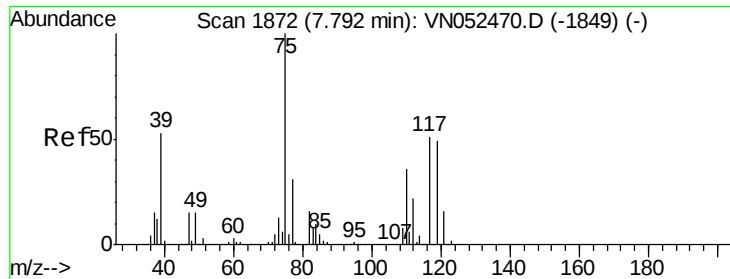
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052507.D
 Acq: 28 Nov 2018 9:36

Tgt Ion:113 Resp: 630258
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.0 123.0
 192 21.6 17.0 25.6



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

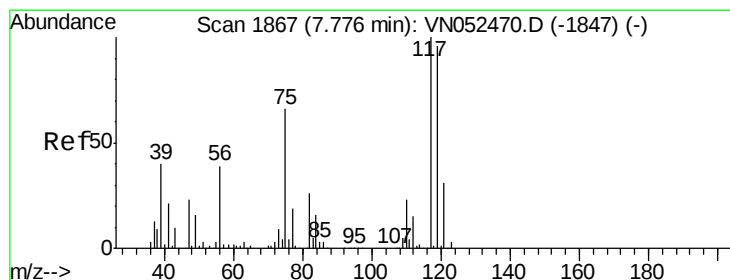
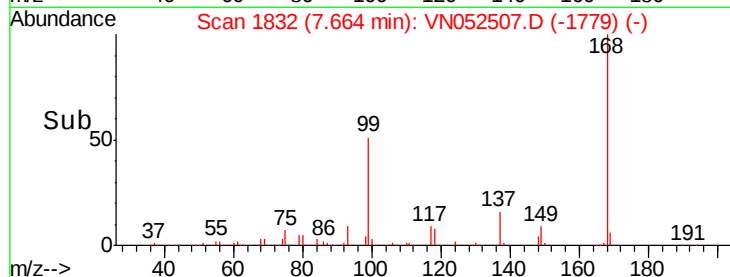
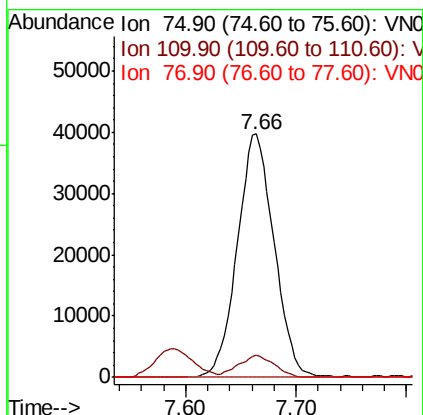
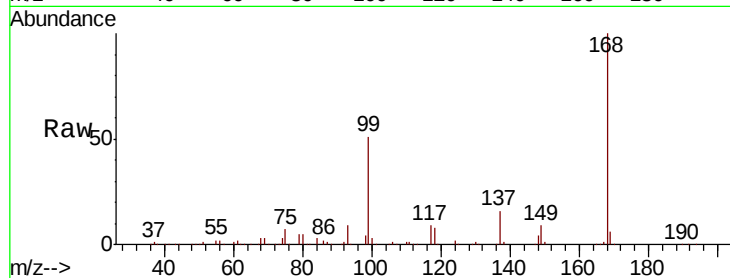




#36
 1,1-Dichloropropene
 Concen: 4.751 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052507.D
 Acq: 28 Nov 2018 9:36

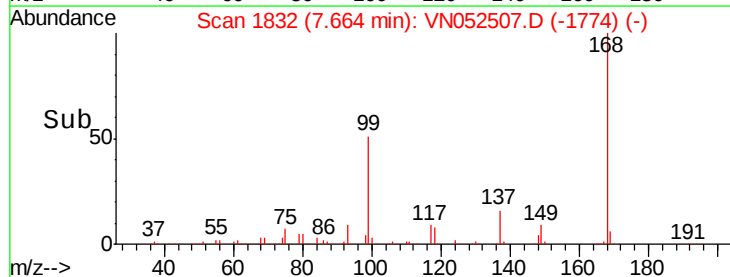
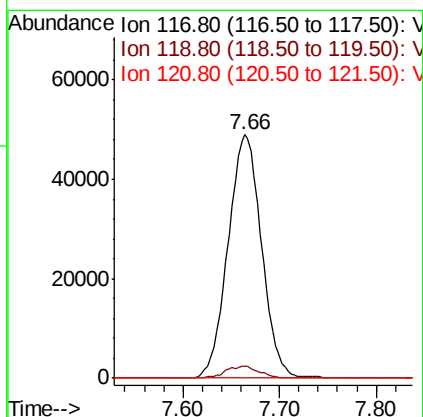
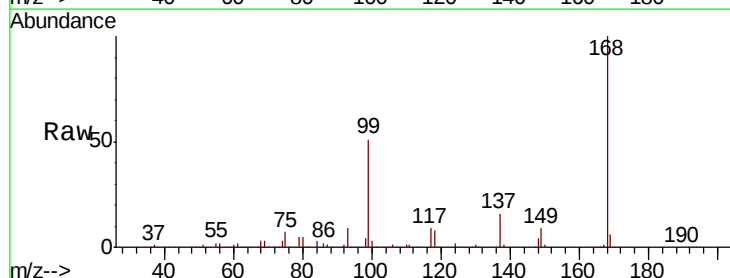
Instrument :
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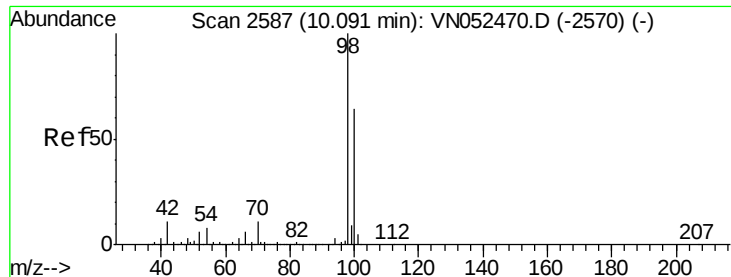
Tgt Ion: 75 Resp: 91768
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.5 52.6#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.724 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN052507.D
 Acq: 28 Nov 2018 9:36

Tgt Ion: 117 Resp: 117567
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.8 115.2#
 121 0.0 24.9 37.3#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052507.D

Acq: 28 Nov 2018 9:36

Instrument :

MSVOA_N

ClientSampled :

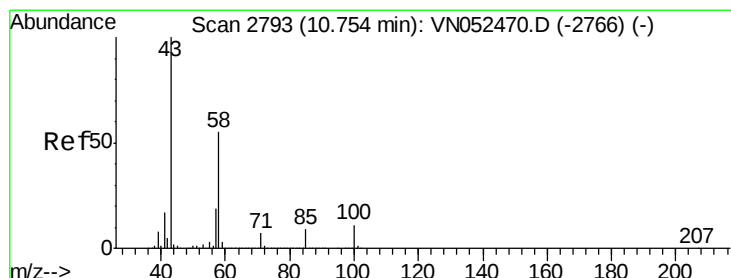
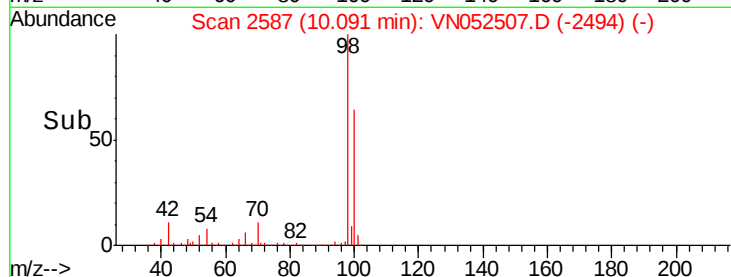
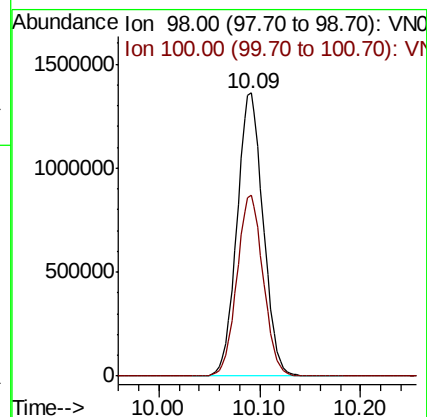
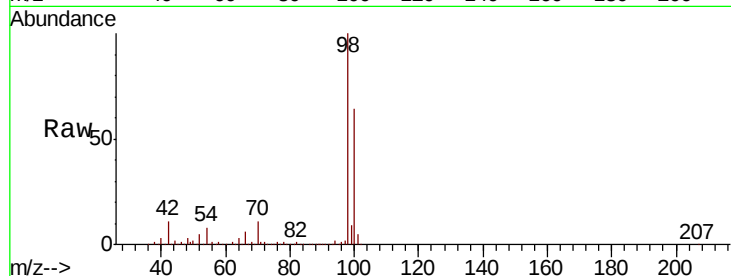
VN1128WBL01

Tgt Ion: 98 Resp: 2456762

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9



#59

2-Hexanone

Concen: 0.209 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN052507.D

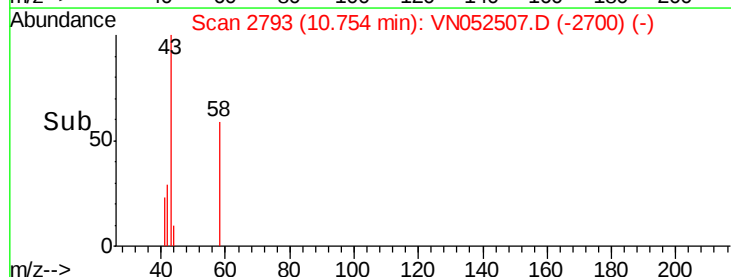
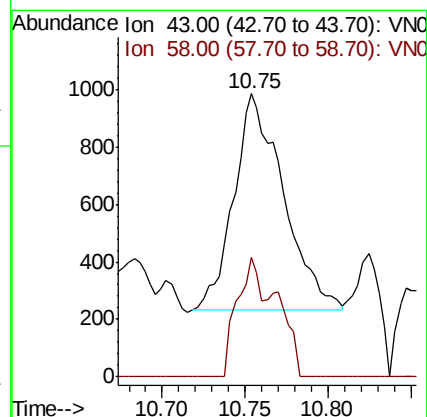
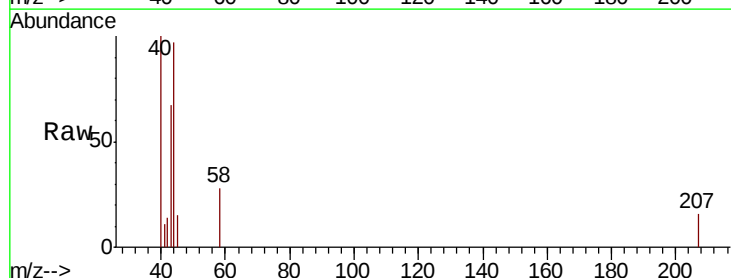
Acq: 28 Nov 2018 9:36

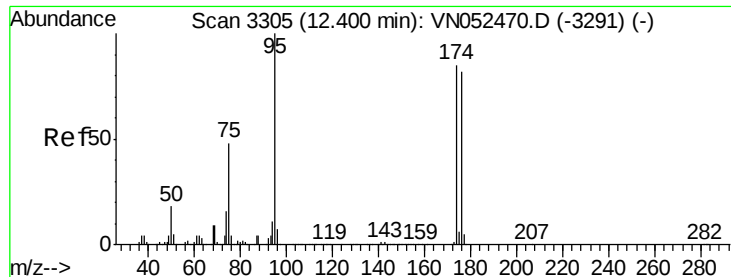
Tgt Ion: 43 Resp: 1568

Ion Ratio Lower Upper

43 100

58 29.2 27.4 82.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052507.D

Acq: 28 Nov 2018 9:36

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBL01

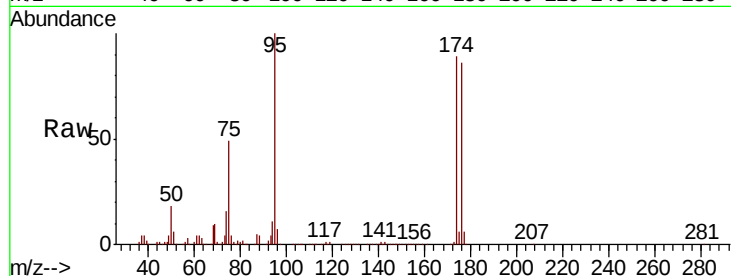
Tgt Ion: 95 Resp: 753041

Ion Ratio Lower Upper

95 100

174 87.8 0.0 173.0

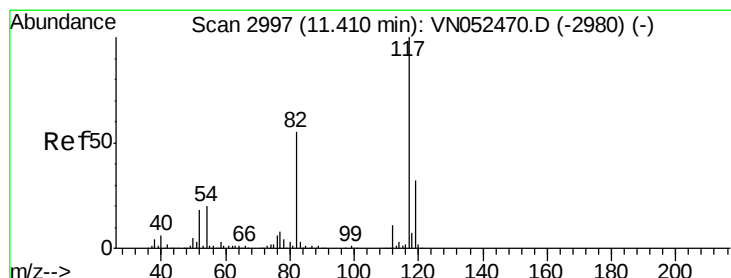
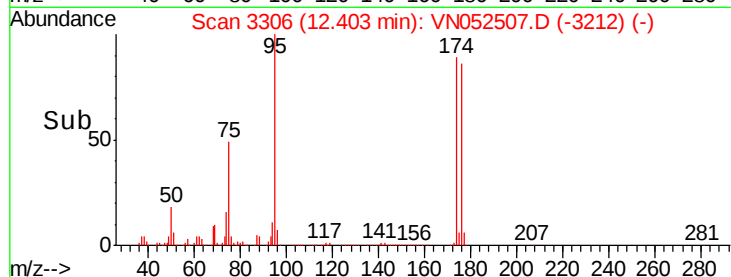
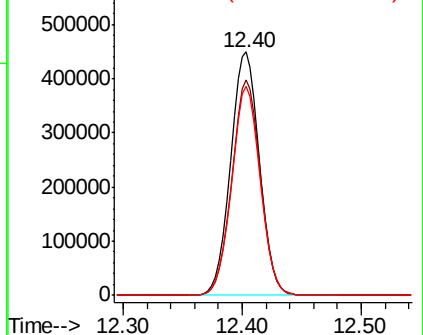
176 84.9 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052507.D

Acq: 28 Nov 2018 9:36

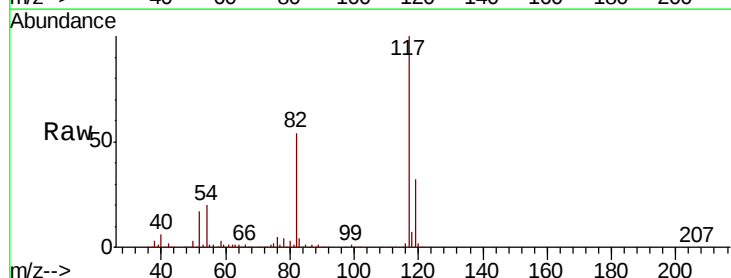
Tgt Ion: 117 Resp: 1755225

Ion Ratio Lower Upper

117 100

82 53.8 43.6 65.4

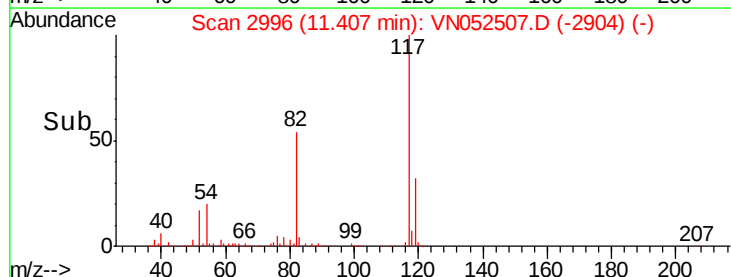
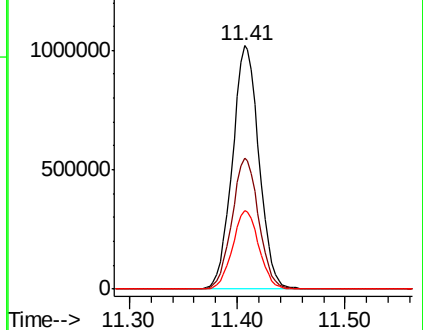
119 32.2 25.4 38.2

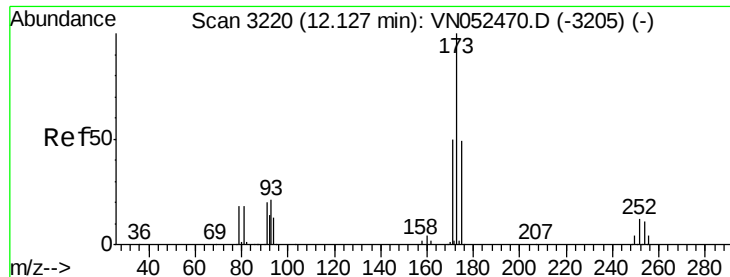


Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052470.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052470.D (-2980) (-)





#71

Bromoform

Concen: 0.515 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052507.D

Acq: 28 Nov 2018 9:36

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBL01

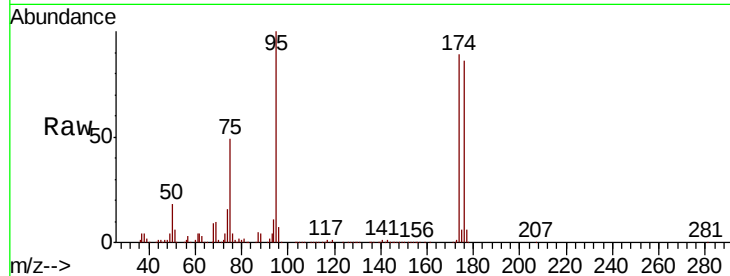
Tgt Ion:173 Resp: 4293

Ion Ratio Lower Upper

173 100

175 953.1 24.4 73.2#

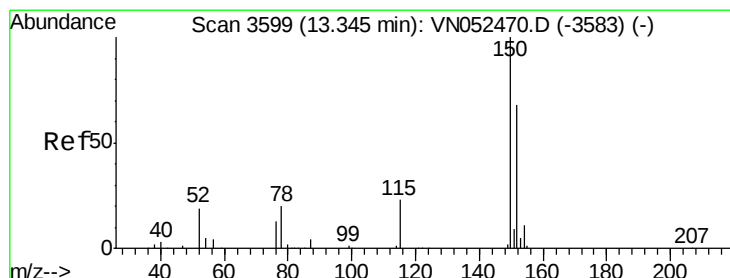
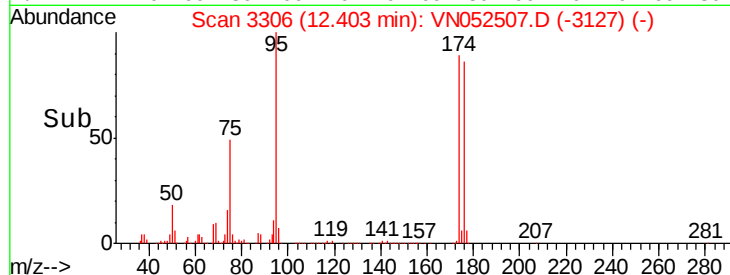
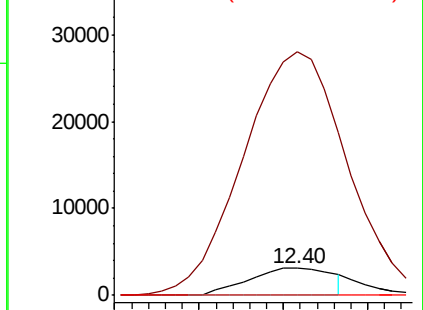
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052507.D

Acq: 28 Nov 2018 9:36

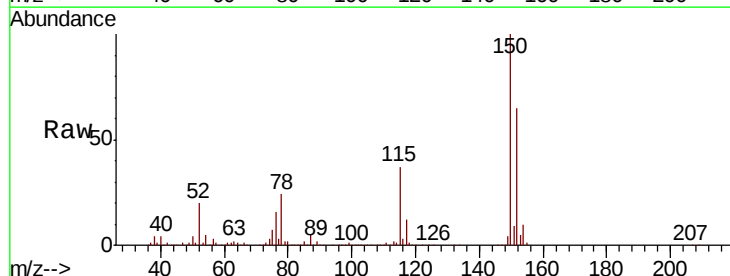
Tgt Ion:152 Resp: 634839

Ion Ratio Lower Upper

152 100

115 57.2 28.4 85.2

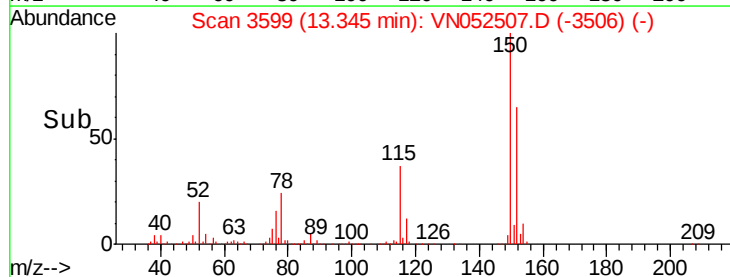
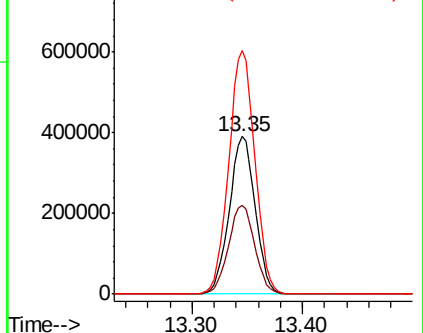
150 156.1 0.0 346.0

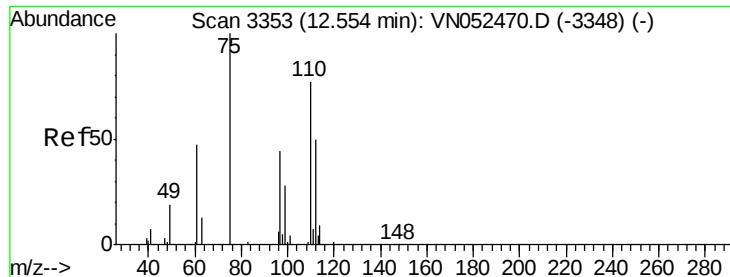


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 37.365 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052507.D

Acq: 28 Nov 2018 9:36

Instrument :

MSVOA_N

ClientSampleId :

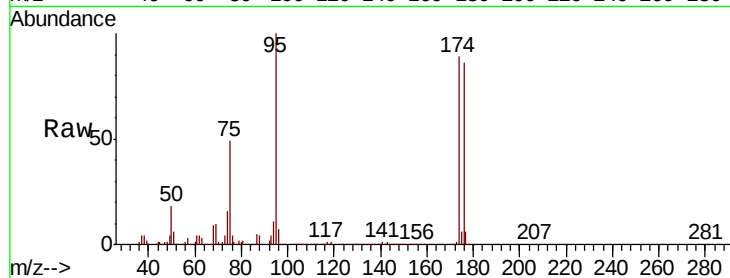
VN1128WBL01

Tgt Ion: 75 Resp: 365789

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

250000

200000

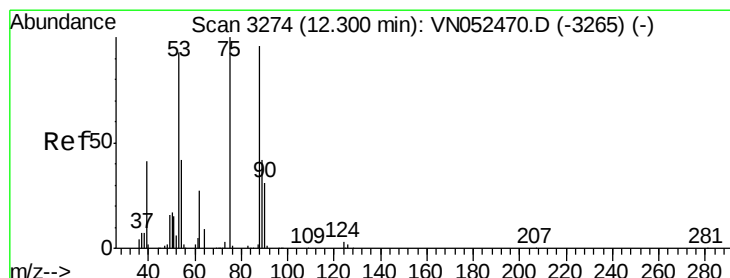
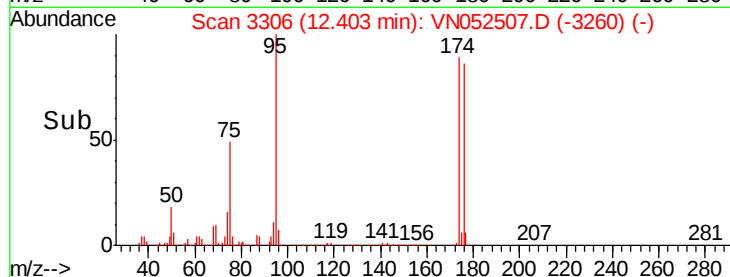
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 124.782 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052507.D

Acq: 28 Nov 2018 9:36

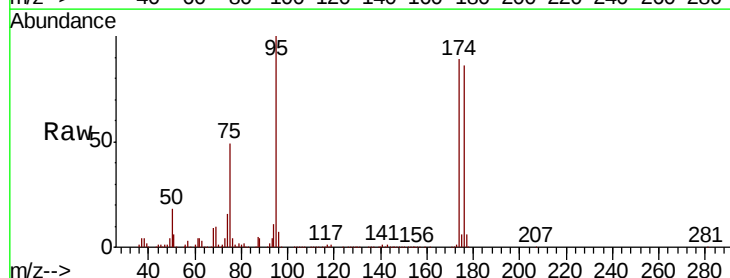
Tgt Ion: 75 Resp: 365789

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

300000

250000

200000

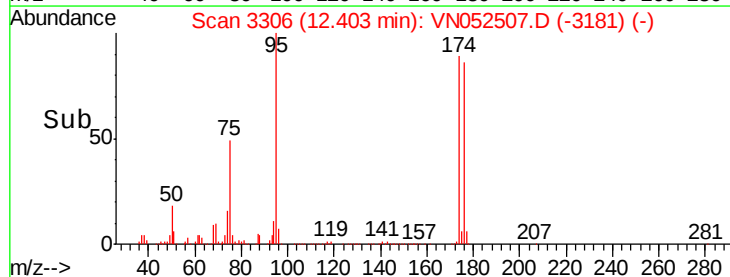
150000

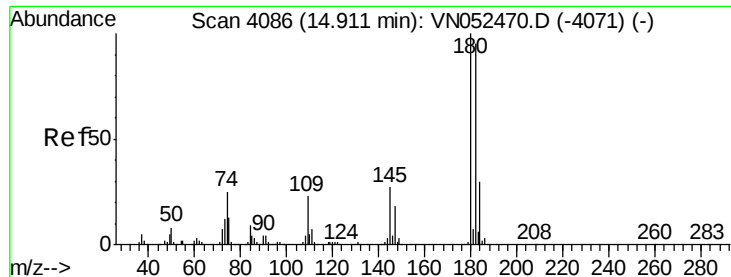
100000

50000

0

Time--> 12.30 12.40 12.50

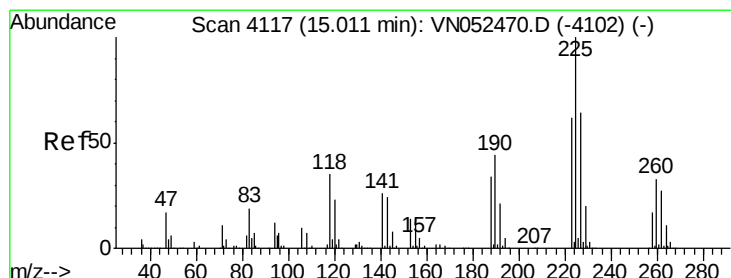
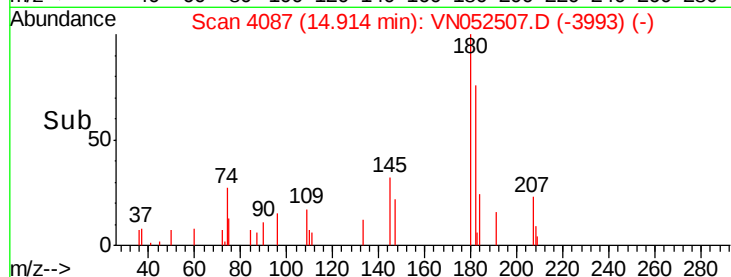
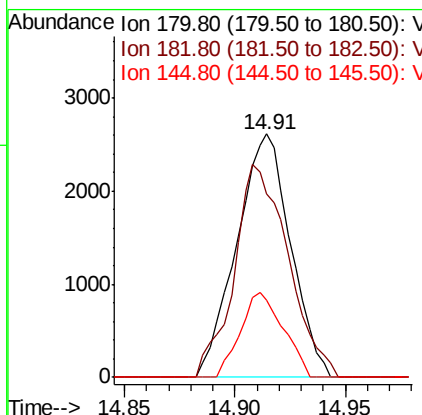
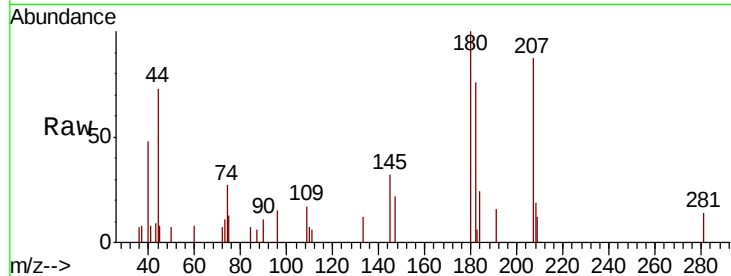




#93
 1,2,4-Trichlorobenzene
 Concen: 3.199 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN052507.D
 Acq: 28 Nov 2018 9:36

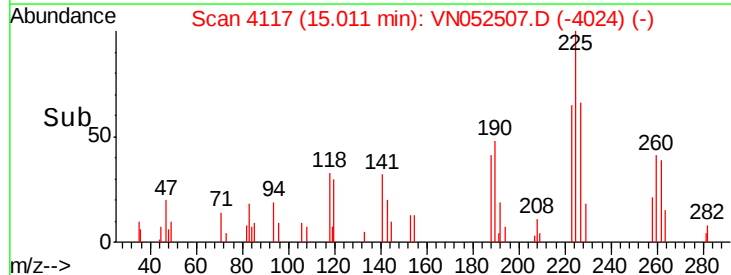
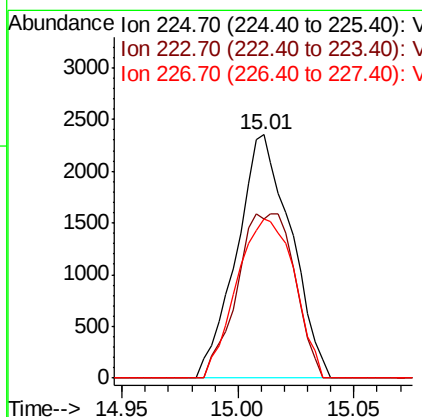
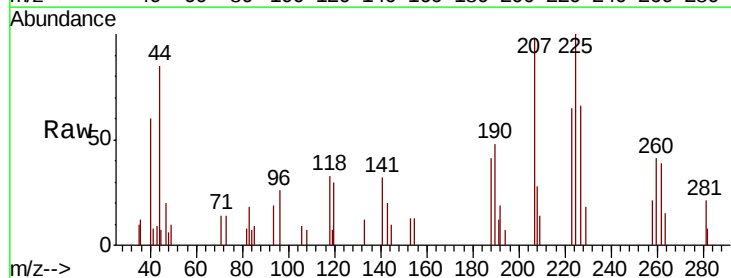
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1128WBL01

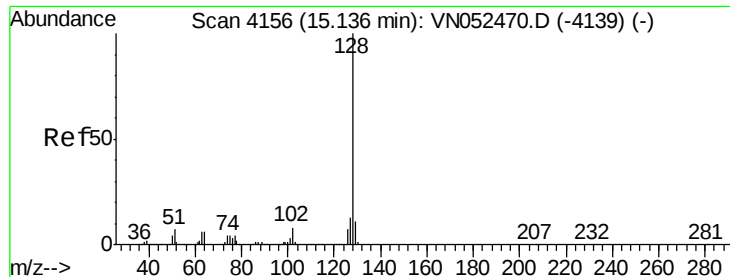
Tgt Ion:180 Resp: 4418
 Ion Ratio Lower Upper
 180 100
 182 87.8 47.8 143.4
 145 27.7 14.1 42.3



#94
 Hexachlorobutadiene
 Concen: 0.580 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN052507.D
 Acq: 28 Nov 2018 9:36

Tgt Ion:225 Resp: 3837
 Ion Ratio Lower Upper
 225 100
 223 71.4 31.4 94.2
 227 69.7 32.5 97.4





#95

Naphthalene

Concen: 3.859 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052507.D

Acq: 28 Nov 2018 9:36

Instrument :

MSVOA_N

ClientSampleId :

VN1128WBL01

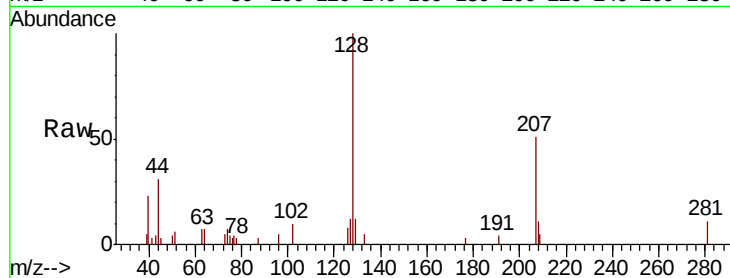
Tgt Ion:128 Resp: 11054

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

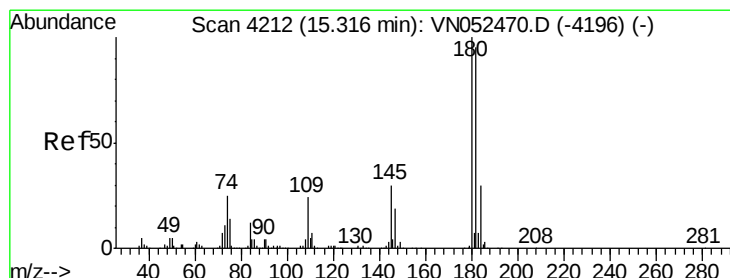
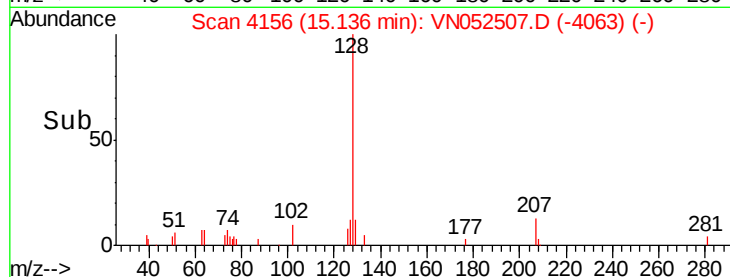
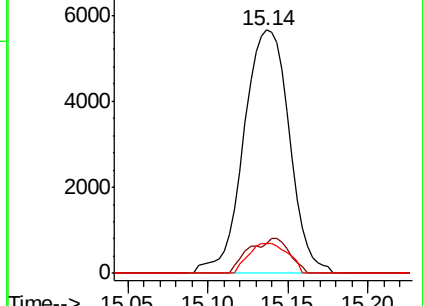
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.191 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN052507.D

Acq: 28 Nov 2018 9:36

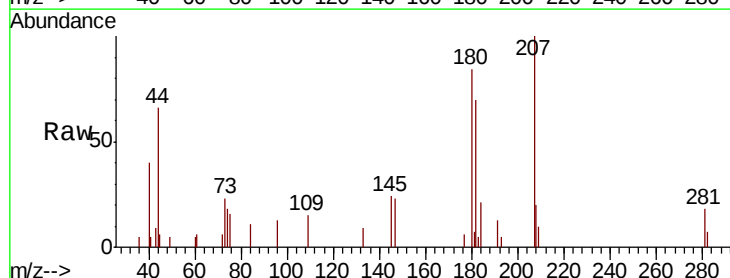
Tgt Ion:180 Resp: 5083

Ion Ratio Lower Upper

180 100

182 88.3 47.8 143.3

145 27.7 15.2 45.5



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

