

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051721.D
 Acq On : 8 Oct 2018 9:13
 Operator : MD\SY
 Sample : VN1008MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008MBL01

Quant Time: Oct 09 03:47:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

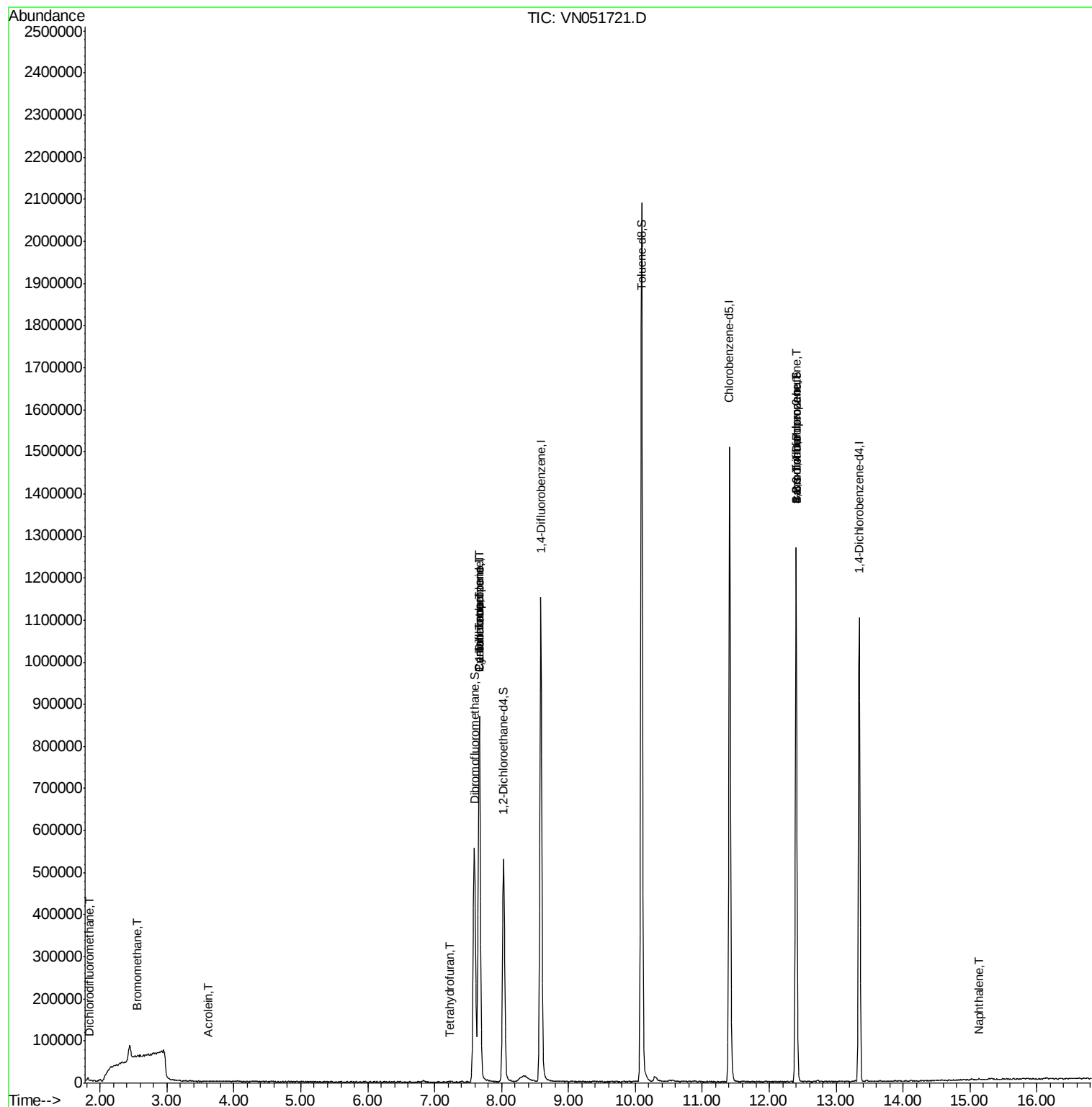
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	756284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1083865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	914733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	310829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	451065	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.30%	
35) Dibromofluoromethane	7.59	113	415064	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
50) Toluene-d8	10.09	98	1523763	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
62) 4-Bromofluorobenzene	12.40	95	402420	36.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.74%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	100	1.159	ug/l #	42
5) Bromomethane	2.57	94	2674	0.256	ug/l #	73
7) Trichlorofluoromethane	3.00	101	30	Below Cal	#	18
13) Acrolein	3.61	56	199	0.469	ug/l #	14
16) Acetone	3.82	43	427	Below Cal	#	44
29) Tetrahydrofuran	7.22	42	566	0.320	ug/l #	81
31) Cyclohexane	7.66	56	15471	1.141	ug/l #	39
36) 1,1-Dichloropropene	7.67	75	52594	4.642	ug/l #	48
38) Carbon Tetrachloride	7.67	117	70083	5.155	ug/l #	15
41) Methacrylonitrile	7.17	41	339	Below Cal	#	24
71) Bromoform	12.40	173	3534	0.524	ug/l #	1
74) N-amyl acetate	12.07	43	264	Below Cal	#	1
75) 1,1,2,2-Tetrachloroethane	12.53	83	65	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	218518	57.168	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	218518	129.228	ug/l #	14
95) Naphthalene	15.14	128	2532	0.235	ug/l #	83

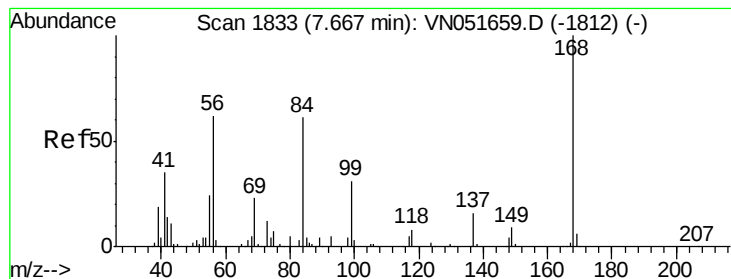
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 09 03:47:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 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: VN051721.D

Acq: 8 Oct 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

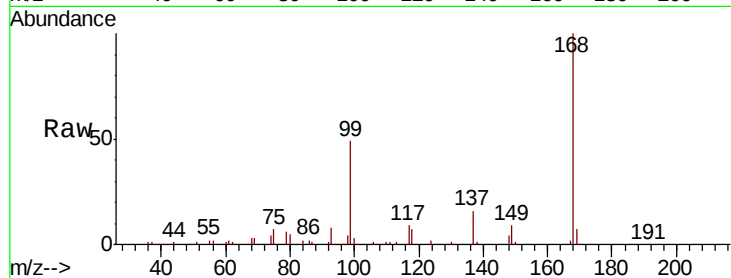
VN1008MBL01

Tot Ion:168 Resp: 756284

Ion Ratio Lower Upper

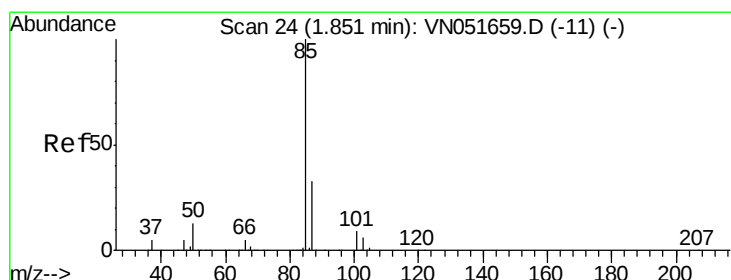
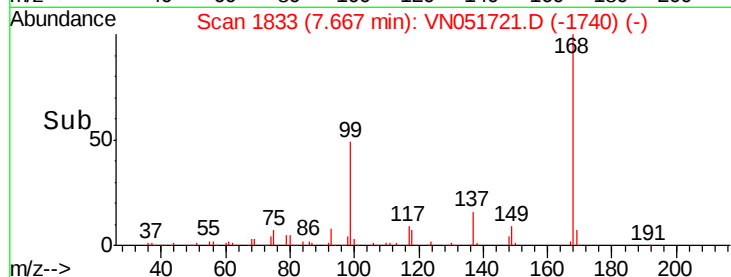
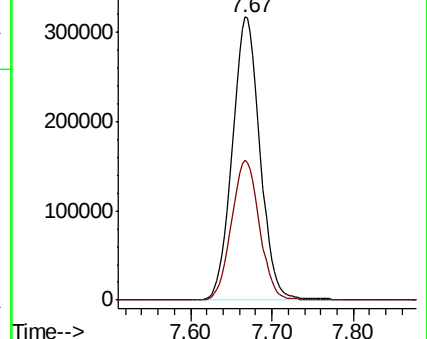
168 100

99 49.3 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 1.159 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051721.D

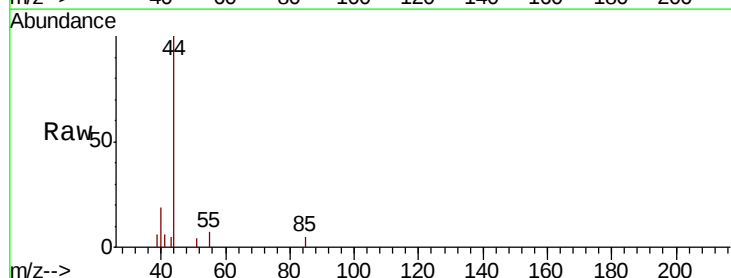
Acq: 8 Oct 2018 9:13

Tgt Ion: 85 Resp: 100

Ion Ratio Lower Upper

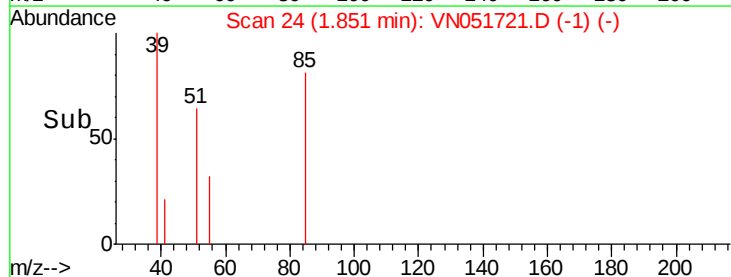
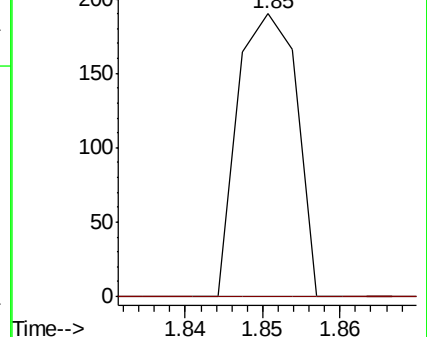
85 100

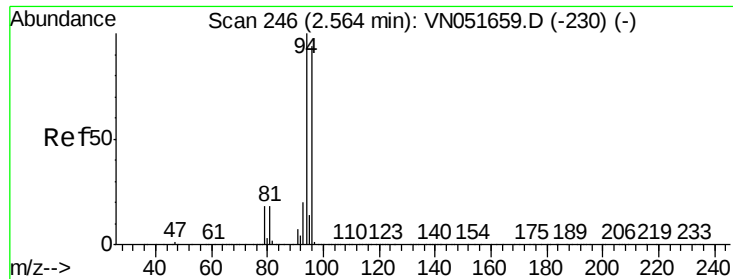
87 0.0 16.4 49.4#



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#5

Bromomethane

Concen: 0.256 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051721.D

Acq: 8 Oct 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

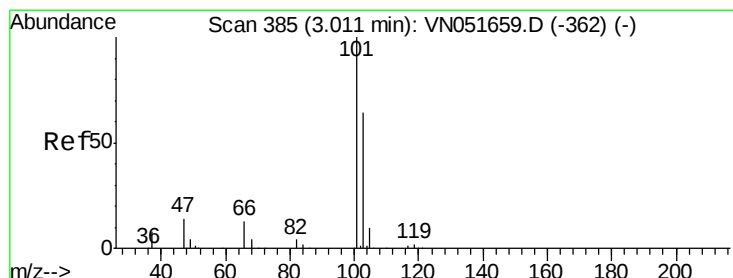
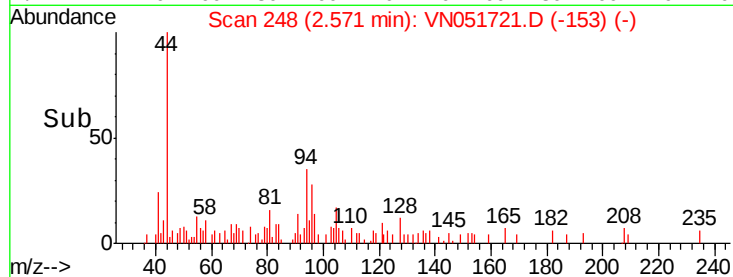
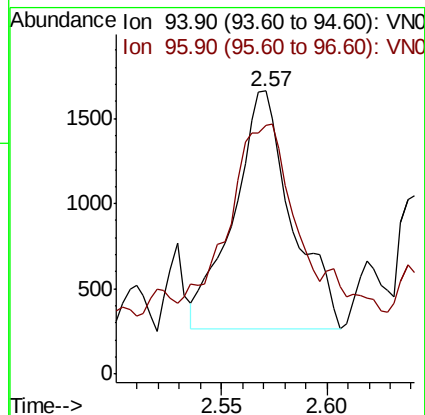
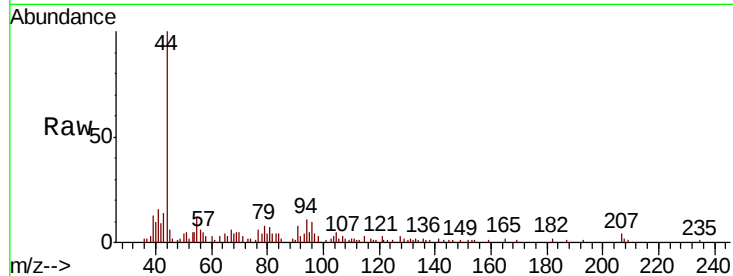
VN1008MBL01

Tot Ion: 94 Resp: 2674

Ion Ratio Lower Upper

94 100

96 68.1 75.2 112.8#



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 3.00 min Scan# 382

Delta R.T. -0.01 min

Lab File: VN051721.D

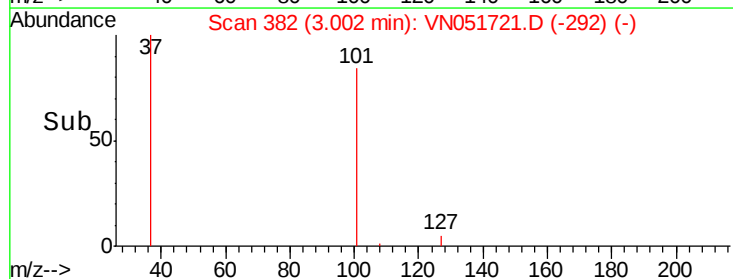
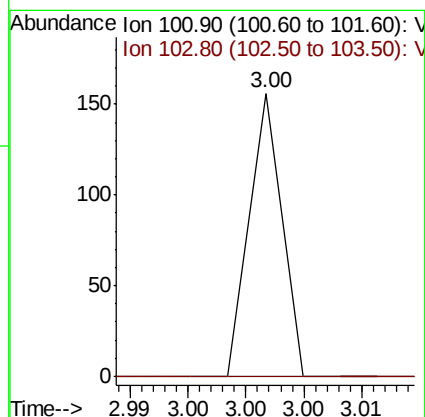
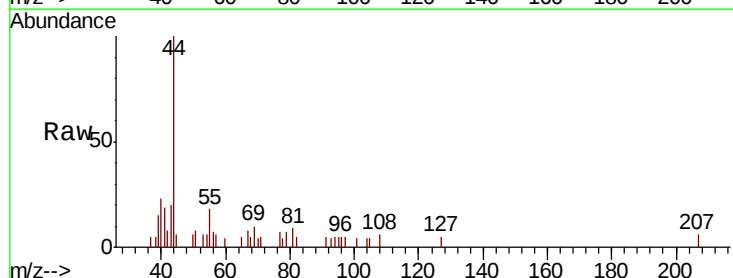
Acq: 8 Oct 2018 9:13

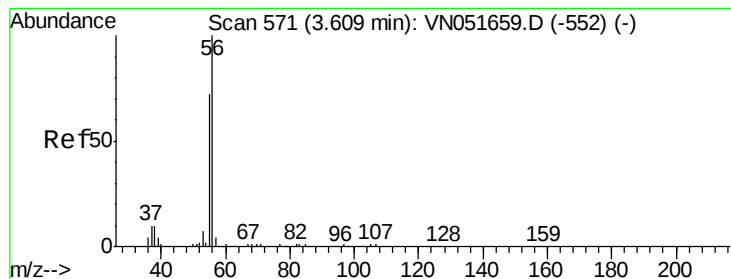
Tgt Ion: 101 Resp: 30

Ion Ratio Lower Upper

101 100

103 0.0 51.1 76.7#





#13

Acrolein

Concen: 0.469 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051721.D

Acq: 8 Oct 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

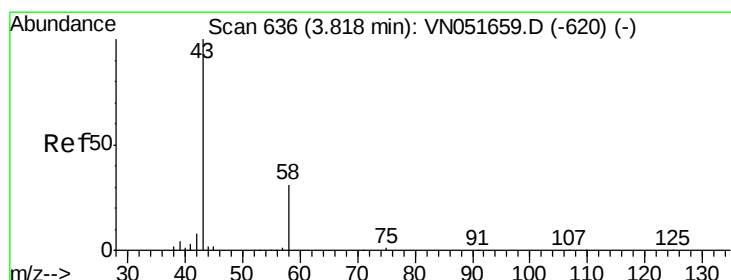
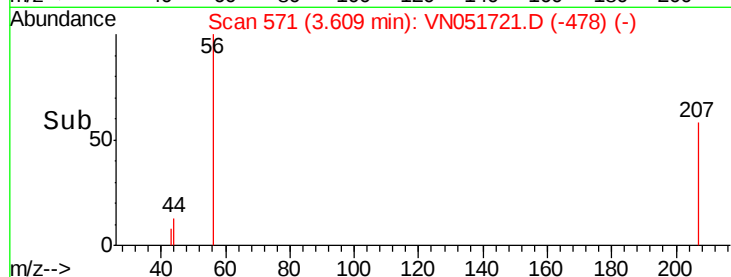
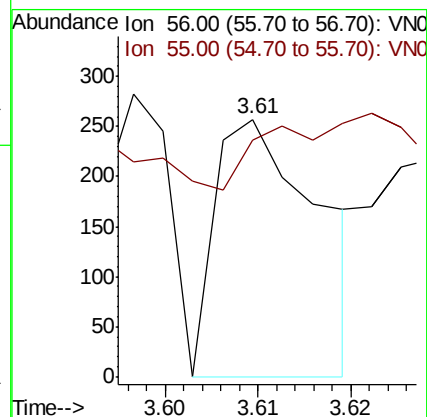
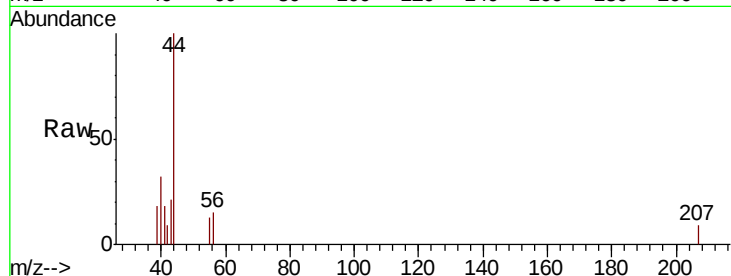
VN1008MBL01

Tot Ion: 56 Resp: 199

Ion Ratio Lower Upper

56 100

55 0.0 57.5 86.3#



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051721.D

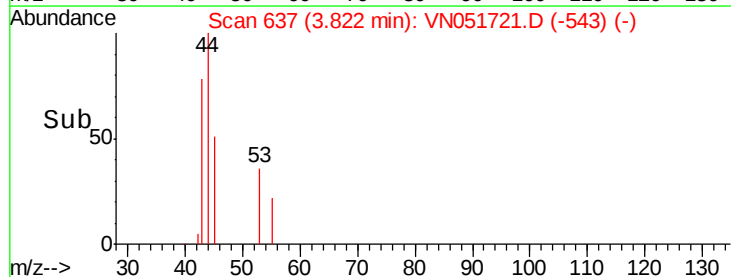
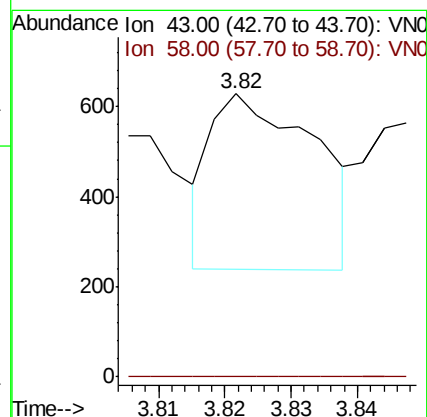
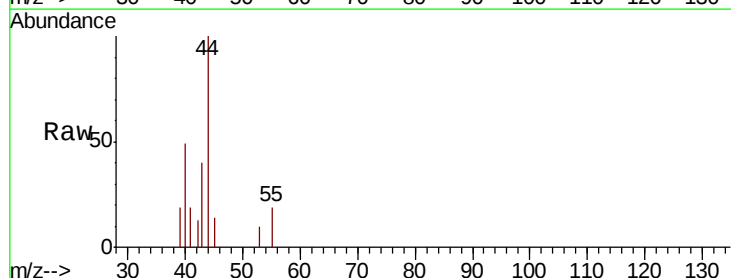
Acq: 8 Oct 2018 9:13

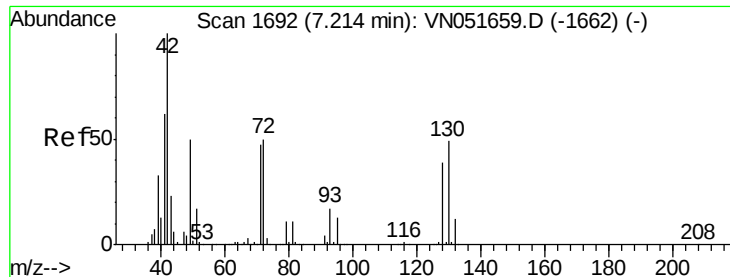
Tgt Ion: 43 Resp: 427

Ion Ratio Lower Upper

43 100

58 0.0 24.3 36.5#





#29

Tetrahydrofuran

Concen: 0.320 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051721.D

Acq: 8 Oct 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN1008MBL01

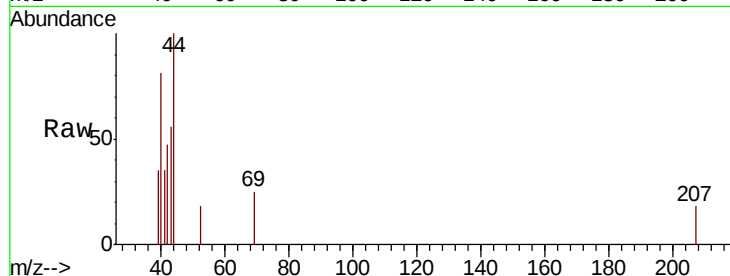
Tot Ion: 42 Resp: 566

Ion Ratio Lower Upper

42 100

72 36.0 40.1 60.1#

71 35.3 38.0 57.0#

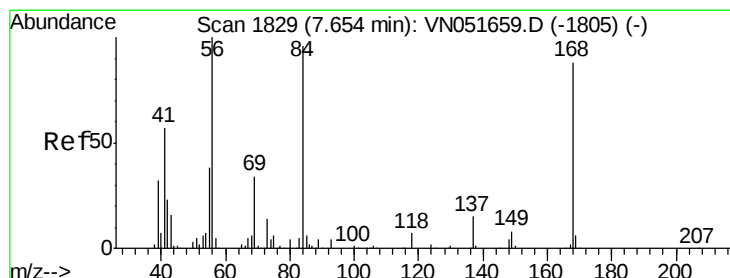
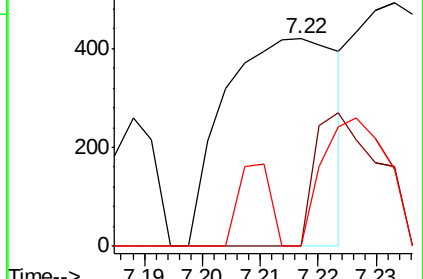
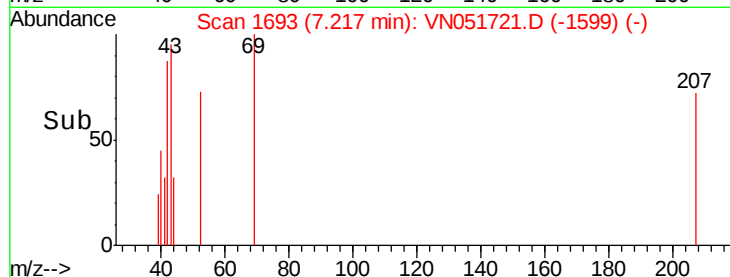


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

Time-->



#31

Cyclohexane

Concen: 1.141 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051721.D

Acq: 8 Oct 2018 9:13

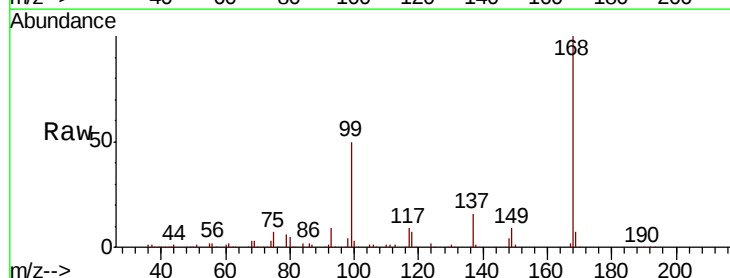
Tgt Ion: 56 Resp: 15471

Ion Ratio Lower Upper

56 100

69 145.5 27.5 41.3#

84 109.8 76.7 115.1

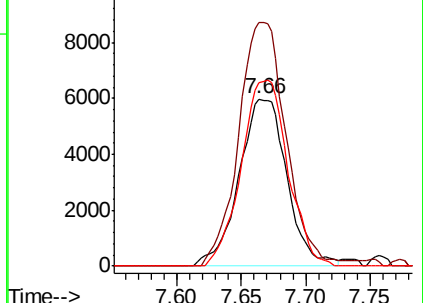
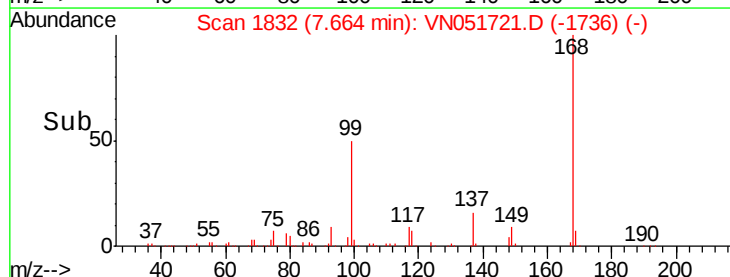


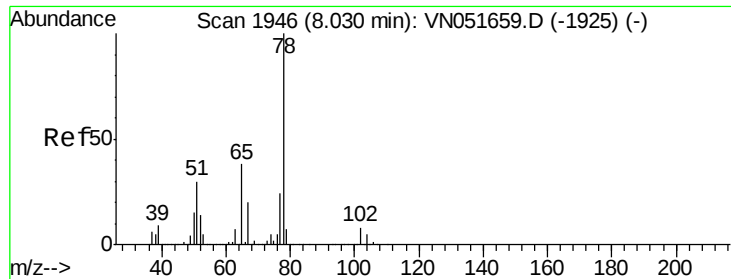
Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

Time-->

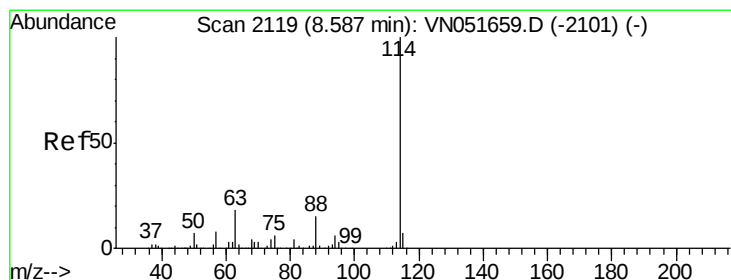
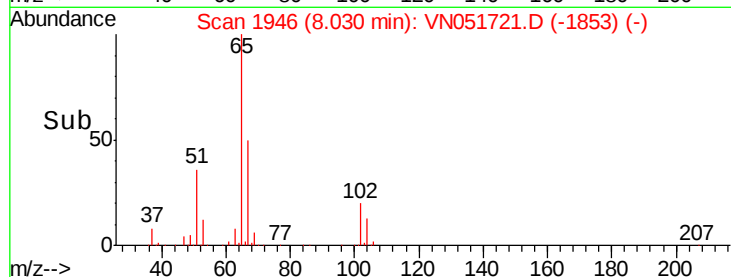
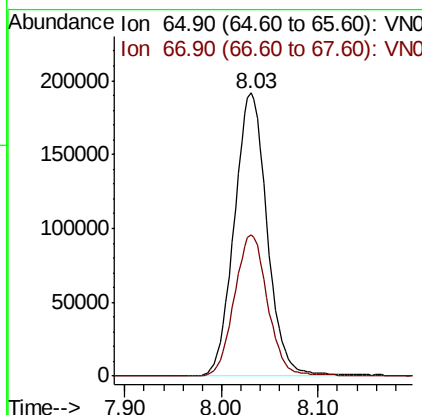
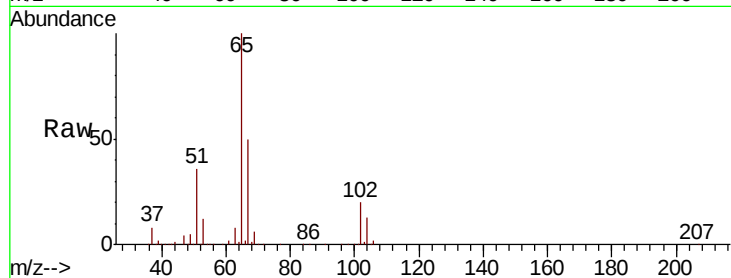




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051721.D
 Acq: 8 Oct 2018 9:13

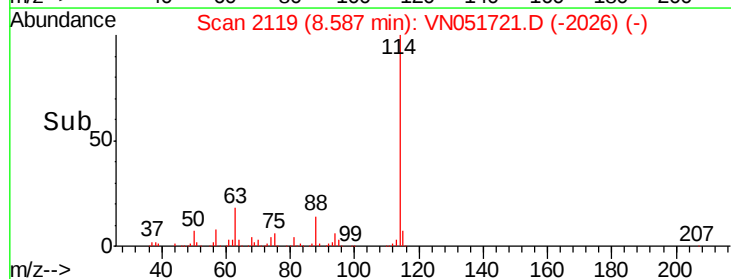
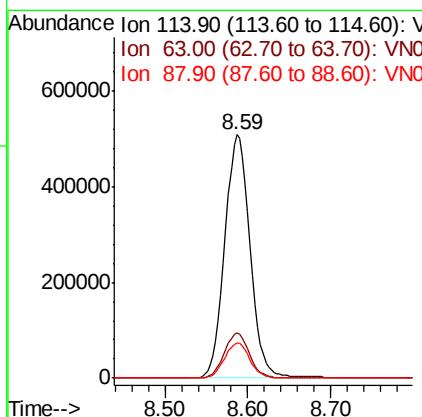
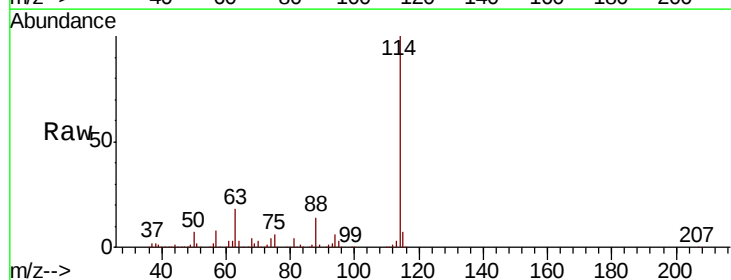
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008MBL01

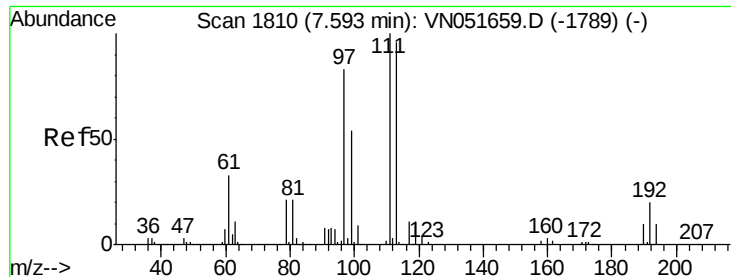
Tot Ion: 65 Resp: 451065
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051721.D
 Acq: 8 Oct 2018 9:13

Tgt Ion:114 Resp: 1083865
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.2
 88 14.5 0.0 30.2

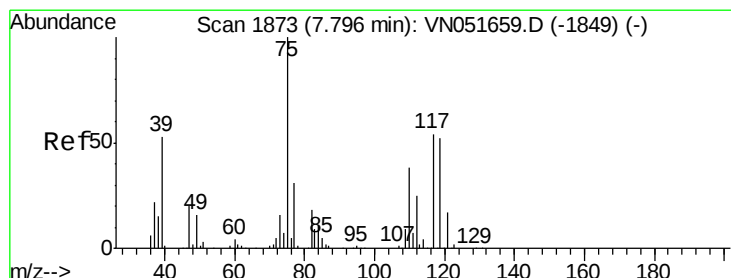
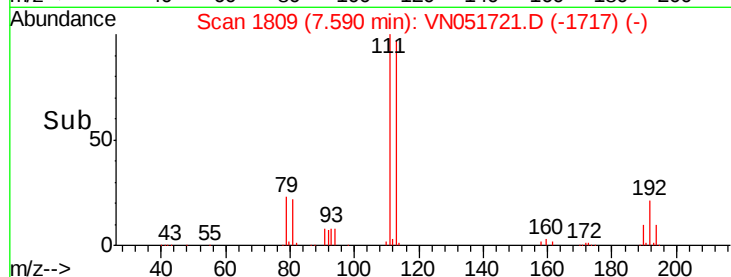
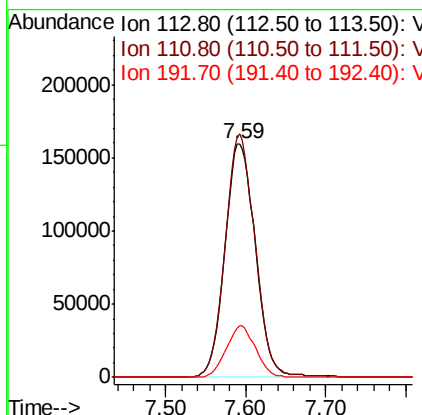
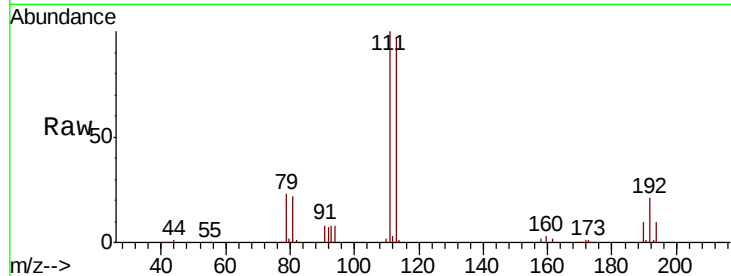




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051721.D
 Acq: 8 Oct 2018 9:13

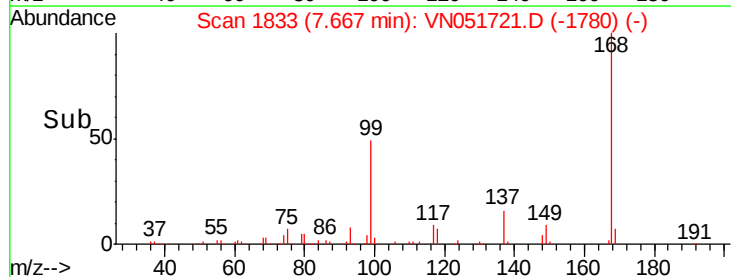
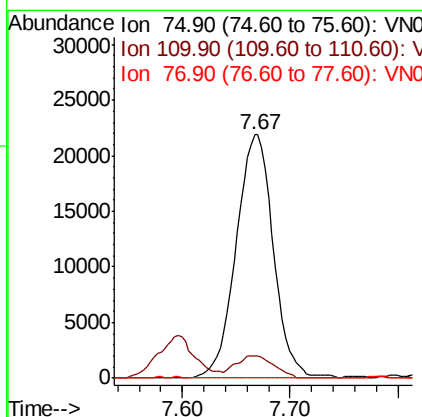
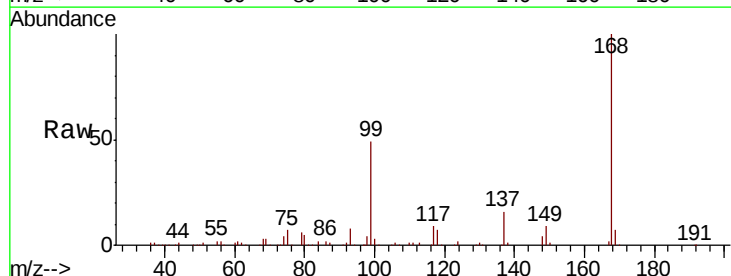
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008MBL01

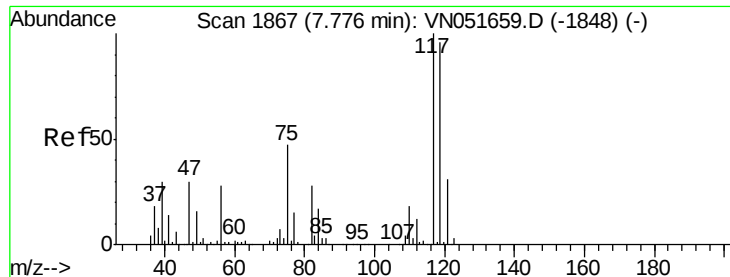
Tot Ion:113 Resp: 415064
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.8 122.8
 192 21.3 16.5 24.7



#36
 1,1-Dichloropropene
 Concen: 4.642 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051721.D
 Acq: 8 Oct 2018 9:13

Tgt Ion: 75 Resp: 52594
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.3 57.8#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.155 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051721.D

Acq: 8 Oct 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN1008MBL01

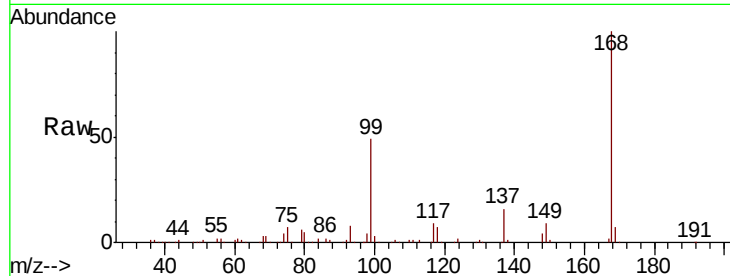
Tot Ion:117 Resp: 70083

Ion Ratio Lower Upper

117 100

119 3.9 77.0 115.6#

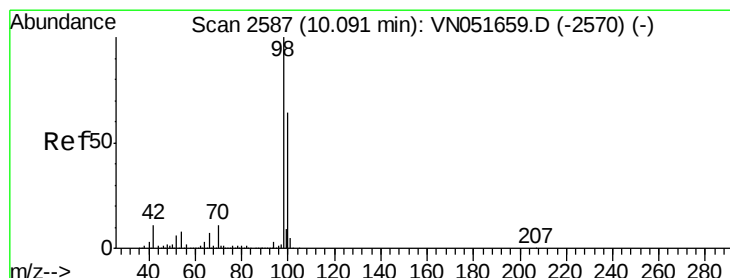
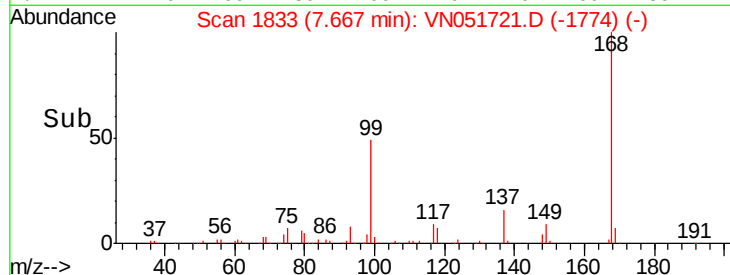
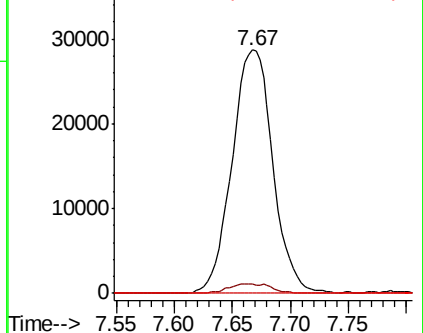
121 0.0 25.0 37.6#



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051721.D

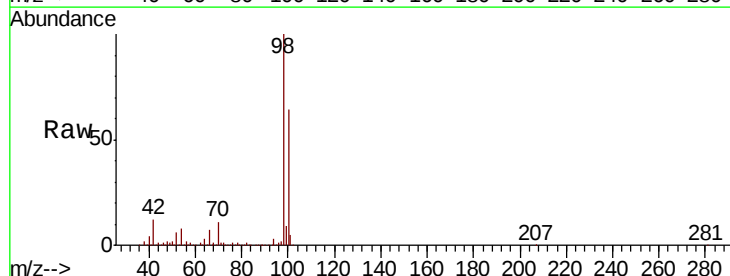
Acq: 8 Oct 2018 9:13

Tgt Ion: 98 Resp: 1523763

Ion Ratio Lower Upper

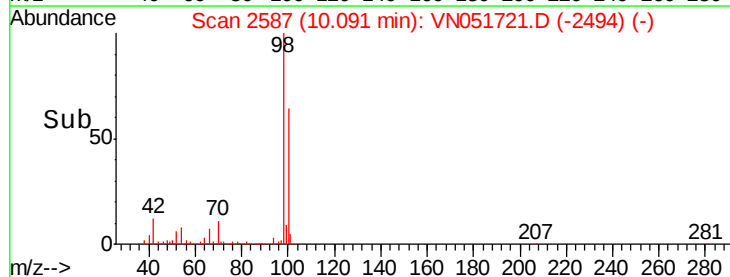
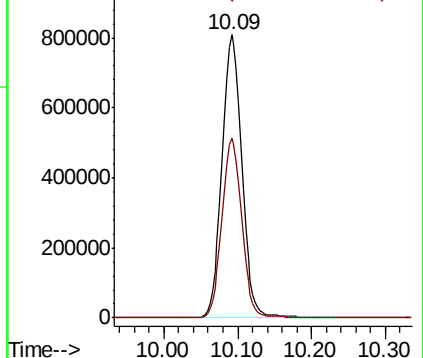
98 100

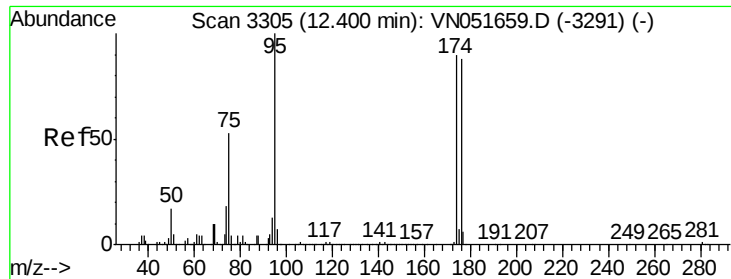
100 63.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051721.D

Acq: 8 Oct 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN1008MBL01

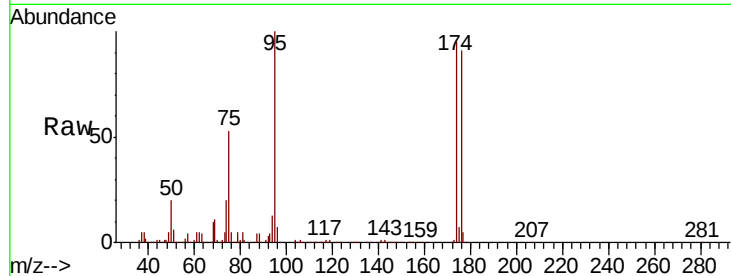
Tot Ion: 95 Resp: 402420

Ion Ratio Lower Upper

95 100

174 95.0 0.0 182.8

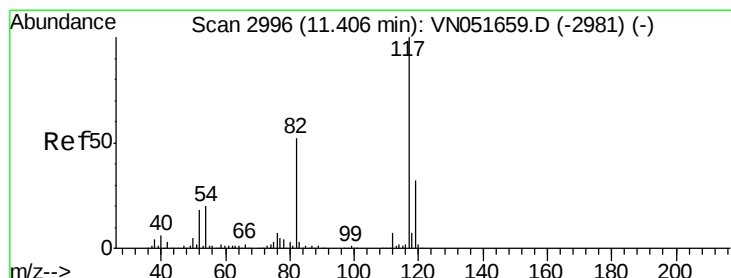
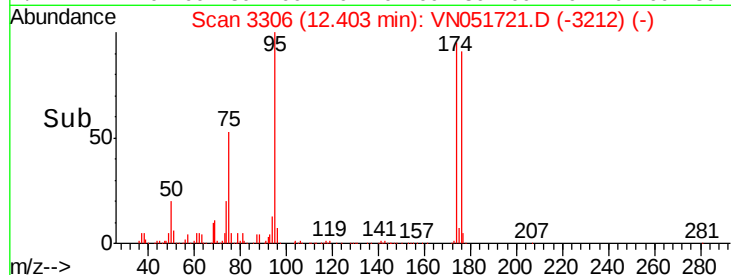
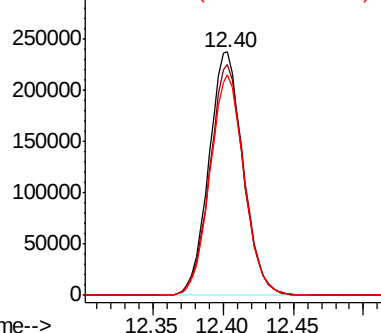
176 90.8 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051721.D

Acq: 8 Oct 2018 9:13

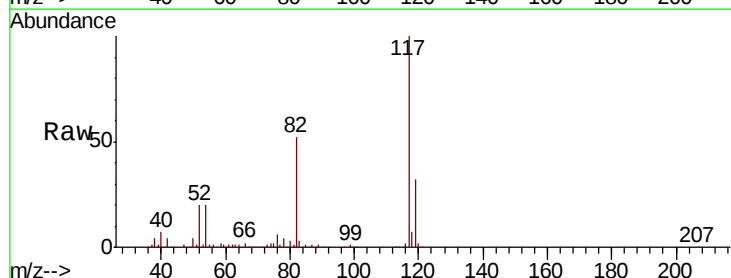
Tgt Ion: 117 Resp: 914733

Ion Ratio Lower Upper

117 100

82 51.7 41.3 61.9

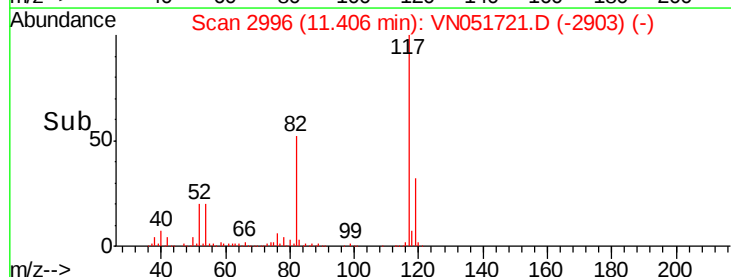
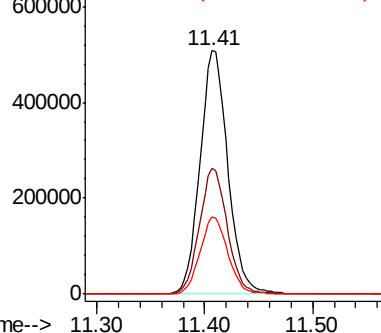
119 31.5 25.9 38.9

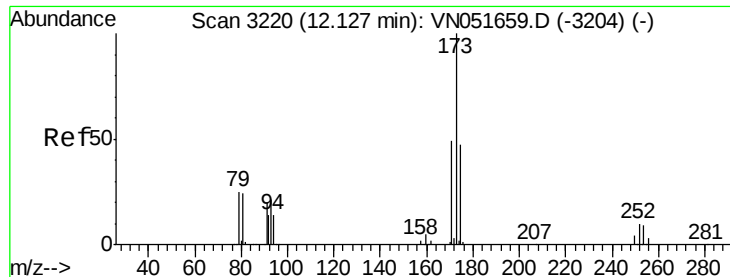


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.524 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN051721.D

Acq: 8 Oct 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN1008MBL01

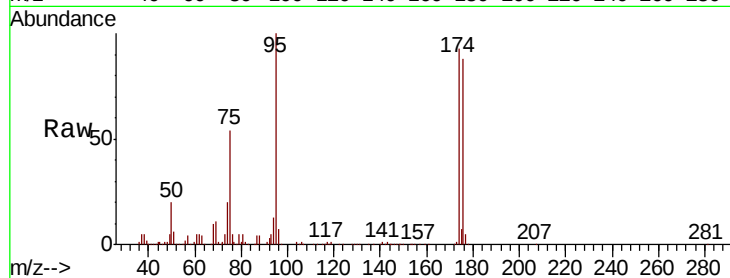
Tot Ion:173 Resp: 3534

Ion Ratio Lower Upper

173 100

175 682.8 24.0 72.0#

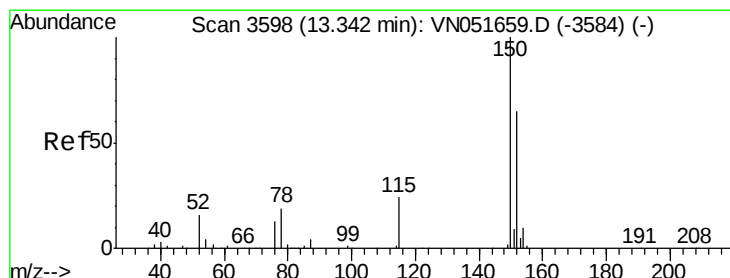
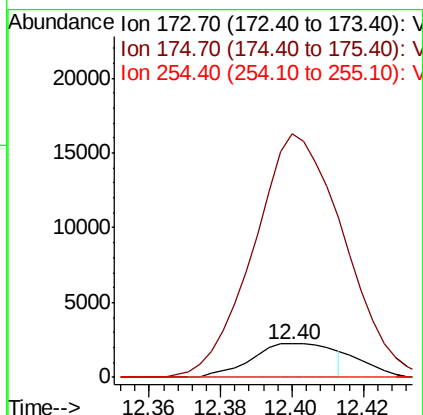
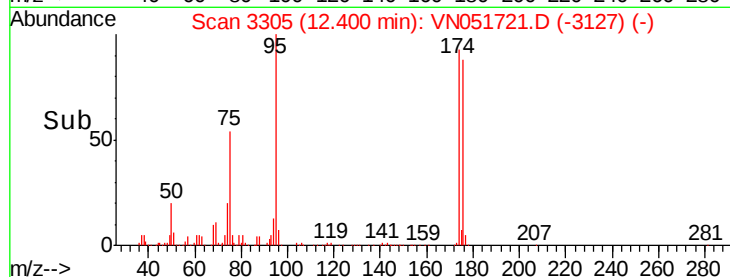
254 0.0 0.1 0.1#



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: VN051721.D

Acq: 8 Oct 2018 9:13

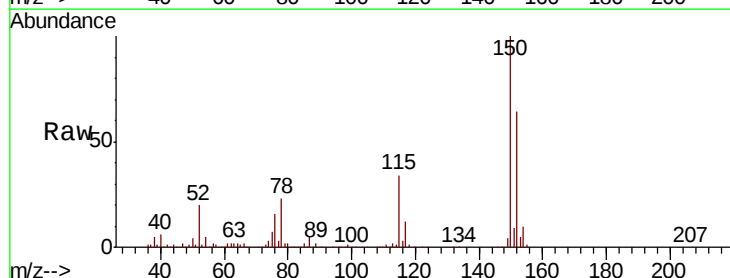
Tgt Ion:152 Resp: 310829

Ion Ratio Lower Upper

152 100

115 53.6 28.6 85.8

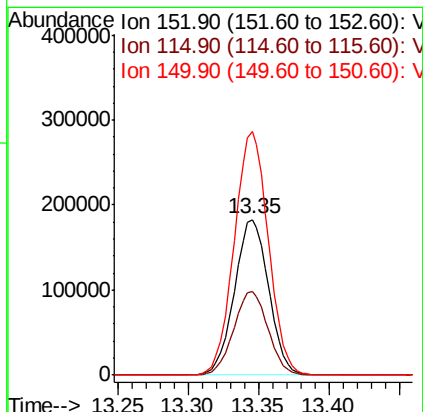
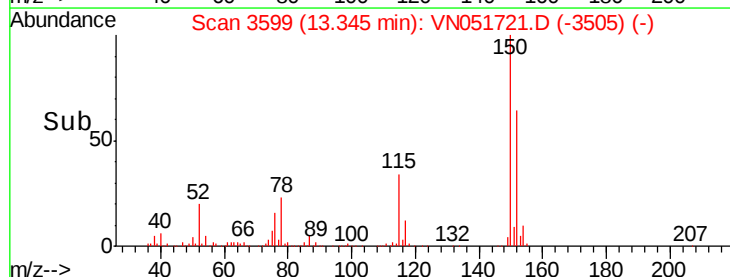
150 155.8 0.0 352.4

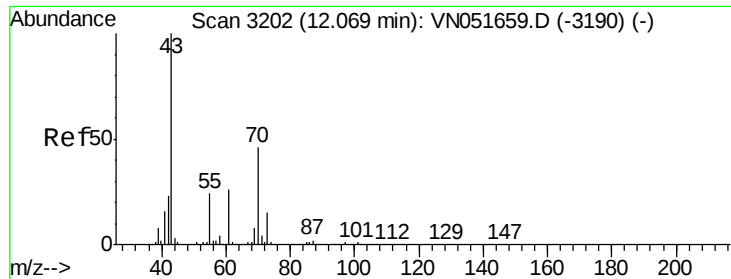


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: Below Cal

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051721.D

Acq: 8 Oct 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN1008MBL01

Tot Ion: 43 Resp: 264

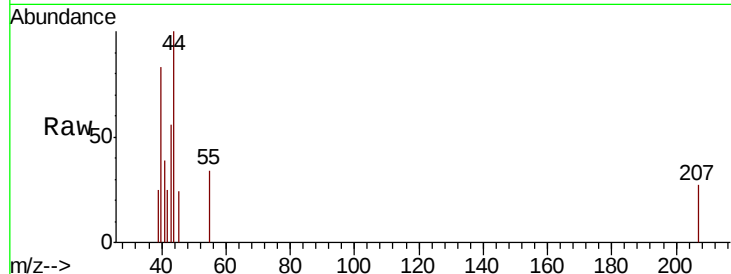
Ion Ratio Lower Upper

43 100

70 11.0 37.1 55.7#

55 255.7 19.1 28.7#

61 0.0 20.8 31.2#

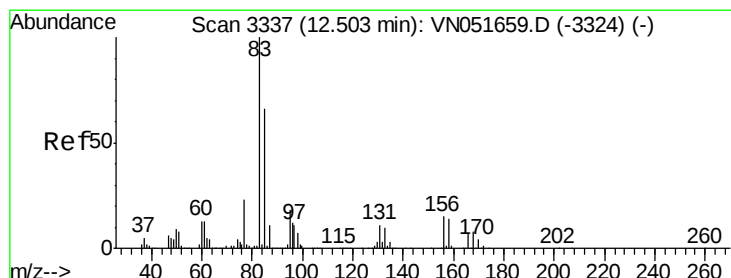
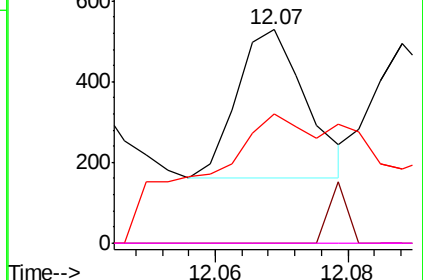
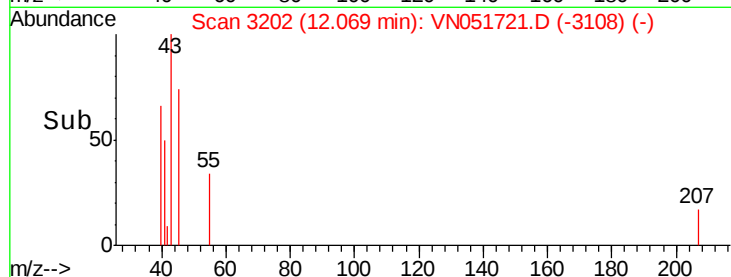


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.53 min Scan# 3346

Delta R.T. 0.03 min

Lab File: VN051721.D

Acq: 8 Oct 2018 9:13

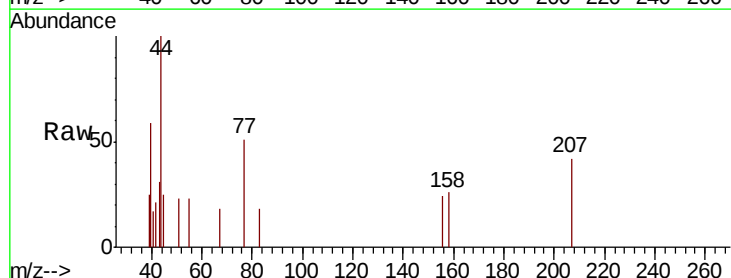
Tgt Ion: 83 Resp: 65

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

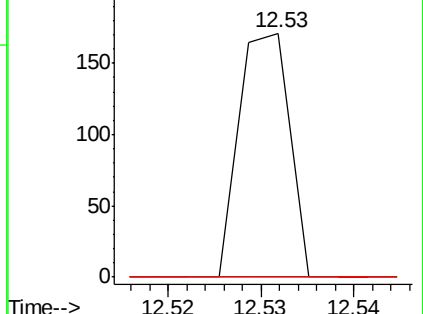
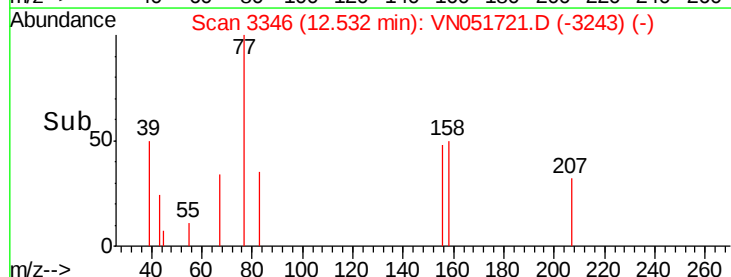
85 0.0 33.0 98.9#

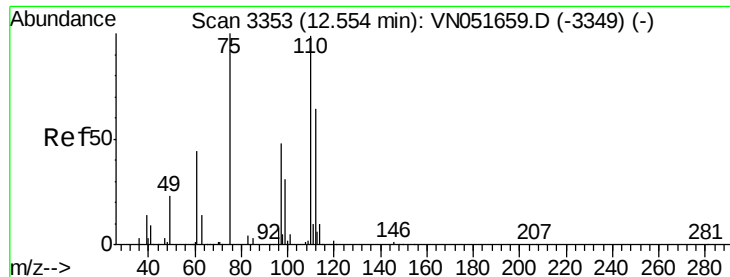


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 57.168 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051721.D

Acq: 8 Oct 2018 9:13

Instrument :

MSVOA_N

ClientSampled :

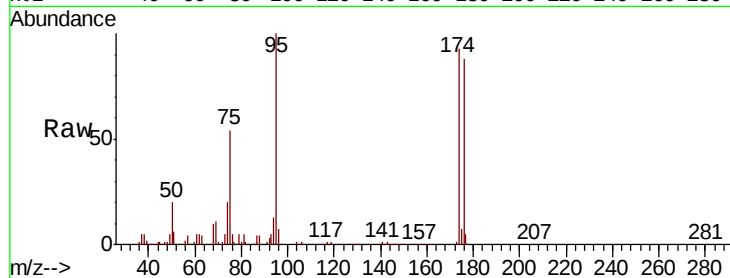
VN1008MBL01

Tot Ion: 75 Resp: 218518

Ion Ratio Lower Upper

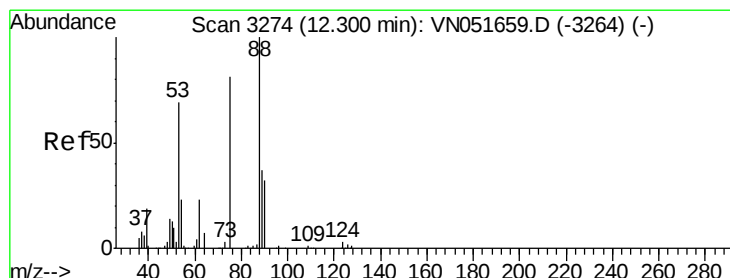
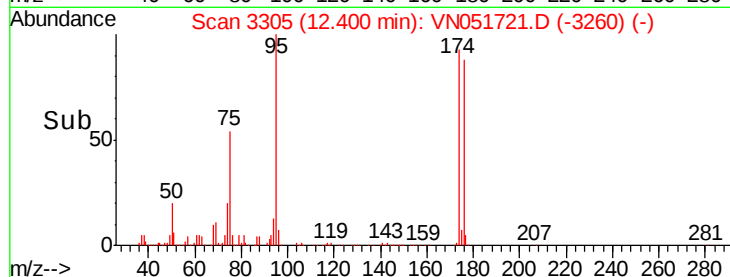
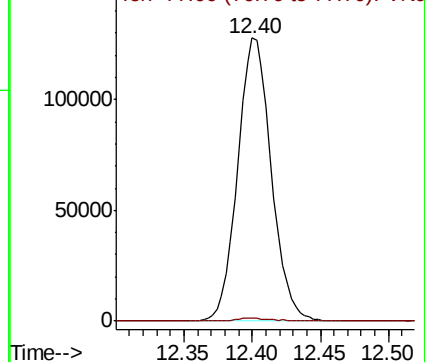
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051721.D (-3181) (-)

Ion 77.00 (76.70 to 77.70): VN051721.D (-3181) (-)



#81

trans-1,4-Dichloro-2-butene

Concen: 129.228 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051721.D

Acq: 8 Oct 2018 9:13

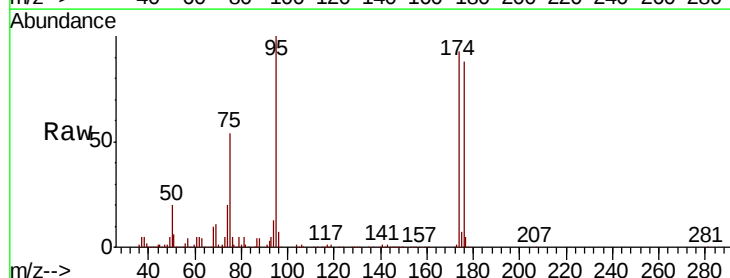
Tgt Ion: 75 Resp: 218518

Ion Ratio Lower Upper

75 100

53 0.1 68.6 102.8#

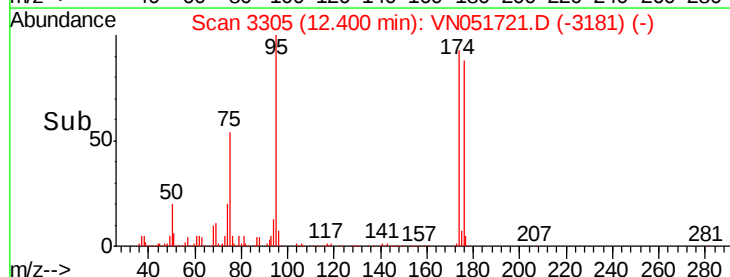
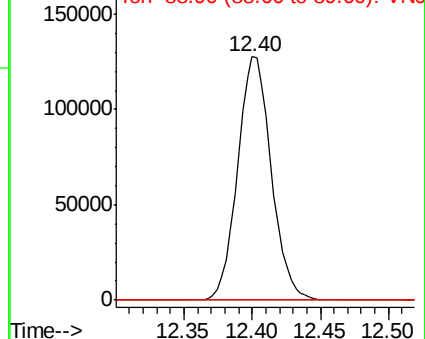
89 0.0 39.4 59.2#

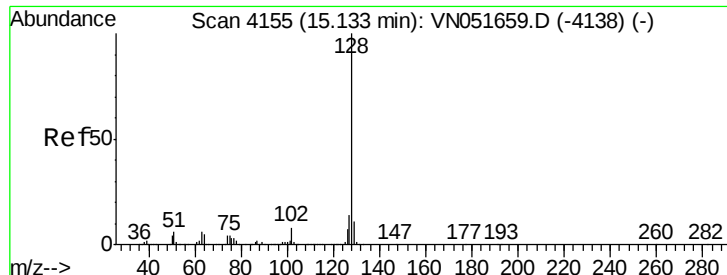


Abundance Ion 74.90 (74.60 to 75.60): VN051721.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN051721.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN051721.D (-3181) (-)





#95

Naphthalene

Concen: 0.235 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051721.D

Acq: 8 Oct 2018 9:13

Instrument :

MSVOA_N

ClientSampleId :

VN1008MBL01

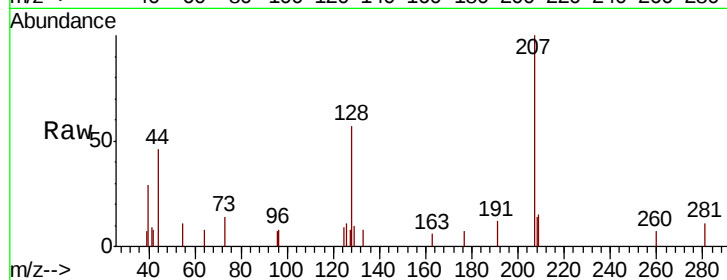
Tot Ion:128 Resp: 2532

Ion Ratio Lower Upper

128 100

127 4.4 10.6 15.8#

129 6.7 9.0 13.6#



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

