

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100319\
 Data File : VN058503.D
 Acq On : 3 Oct 2019 12:47
 Operator : JC/SP
 Sample : VN1003MBL01
 Misc : 5.00g/10mL/100uL/10mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003MBL01

Quant Time: Oct 04 03:17:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	358163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	600800	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	496507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	189572	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	259438	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
35) Dibromofluoromethane	7.57	113	182532	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	10.09	98	725221	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.41	95	220850	42.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.68%	

Target Compounds

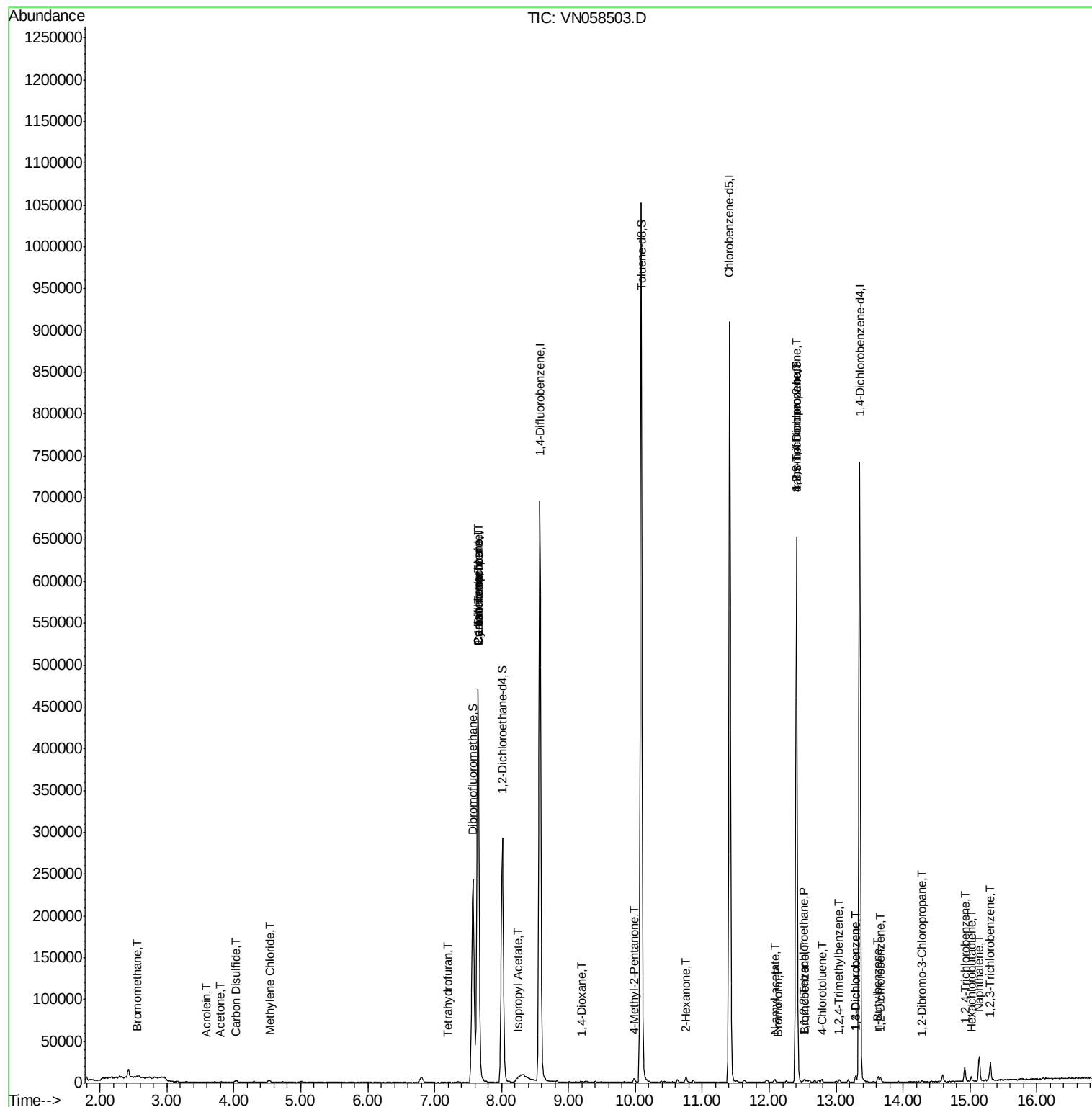
						Qvalue
5) Bromomethane	2.56	94	1044	0.465	ug/l #	80
13) Acrolein	3.60	56	67	0.362	ug/l #	1
16) Acetone	3.80	43	1567	0.878	ug/l #	47
17) Carbon Disulfide	4.03	76	4148	0.466	ug/l #	74
20) Methylene Chloride	4.53	84	1939	0.471	ug/l #	70
29) Tetrahydrofuran	7.19	42	490	0.315	ug/l #	34
31) Cyclohexane	7.64	56	9436	1.303	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	31551	5.492	ug/l #	51
38) Carbon Tetrachloride	7.64	117	38154	7.358	ug/l #	17
43) Isopropyl Acetate	8.26	43	7601	0.830	ug/l #	63
49) 1,4-Dioxane	9.19	88	70	1.255	ug/l #	4
51) 4-Methyl-2-Pentanone	9.99	43	4392	0.934	ug/l #	77
59) 2-Hexanone	10.75	43	6567	1.917	ug/l	84
60) Dibromochloromethane	10.90	129	154	Below Cal	#	11
71) Bromoform	12.14	173	96	0.736	ug/l #	29
74) N-amyl acetate	12.08	43	2884	0.517	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.51	83	1088	0.263	ug/l #	90
76) 1,2,3-Trichloropropane	12.41	75	123373	35.631	ug/l #	100
77) Bromobenzene	12.54	156	716	0.218	ug/l	85
81) trans-1,4-Dichloro-2-buten	12.41	75	123373	108.215	ug/l #	7
82) 4-Chlorotoluene	12.79	91	2676	0.269	ug/l	89
84) 1,2,4-Trimethylbenzene	13.05	105	2434	0.207	ug/l	87
87) 1,3-Dichlorobenzene	13.29	146	2447	0.411	ug/l	93
88) 1,4-Dichlorobenzene	13.29	146	2447	0.413	ug/l	94
89) n-Butylbenzene	13.63	91	5052	0.486	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	2413	0.422	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	491	0.672	ug/l	61
93) 1,2,4-Trichlorobenzene	14.92	180	5134	1.623	ug/l	93
94) Hexachlorobutadiene	15.02	225	1091	0.671	ug/l	92
95) Naphthalene	15.14	128	23736	2.535	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	6826	2.129	ug/l	98

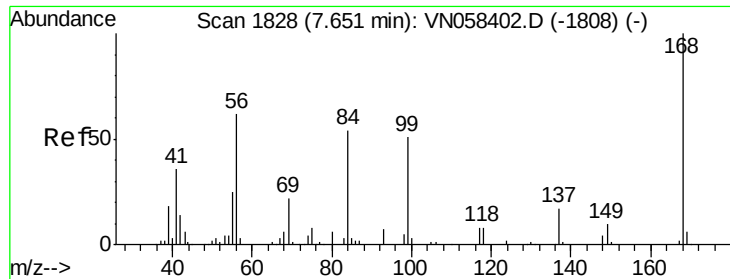
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

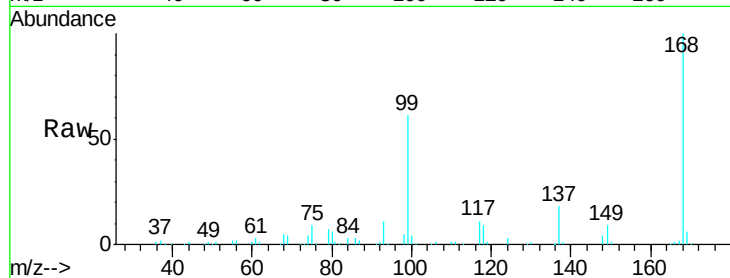
VN1003MBL01

Tgt Ion:168 Resp: 358163

Ion Ratio Lower Upper

168 100

99 61.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

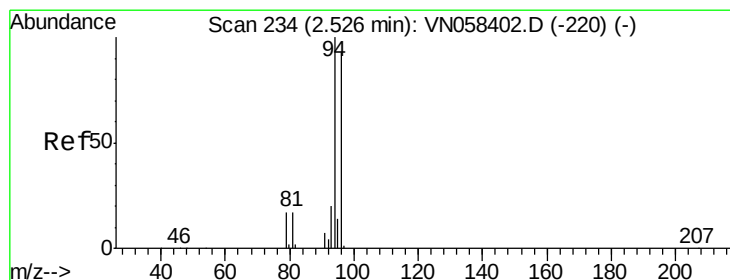
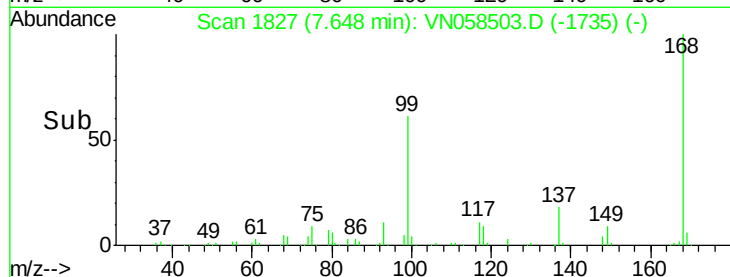
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.465 ug/l

RT: 2.56 min Scan# 245

Delta R.T. 0.04 min

Lab File: VN058503.D

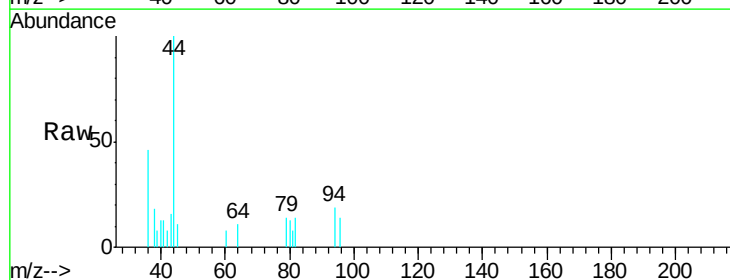
Acq: 3 Oct 2019 12:47

Tgt Ion: 94 Resp: 1044

Ion Ratio Lower Upper

94 100

96 74.3 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

500

400

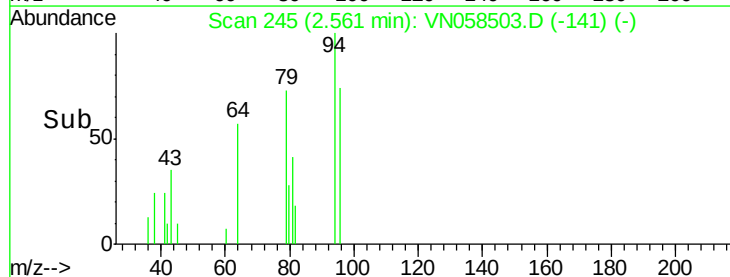
300

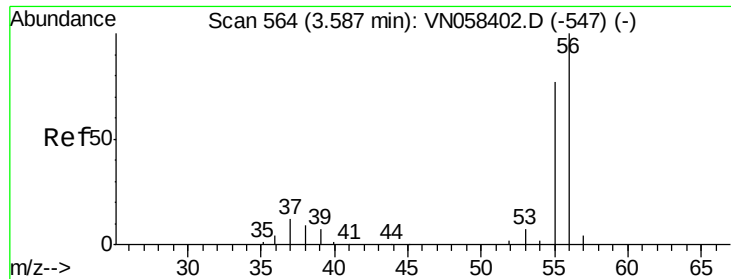
200

100

0

Time-->

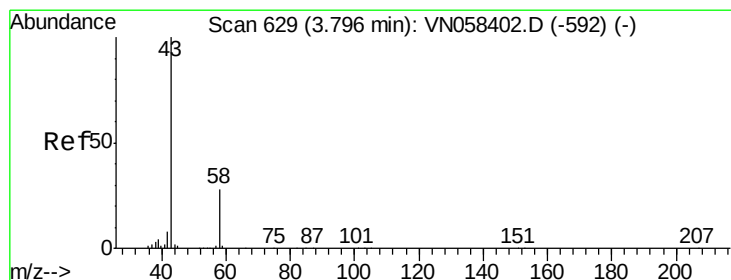
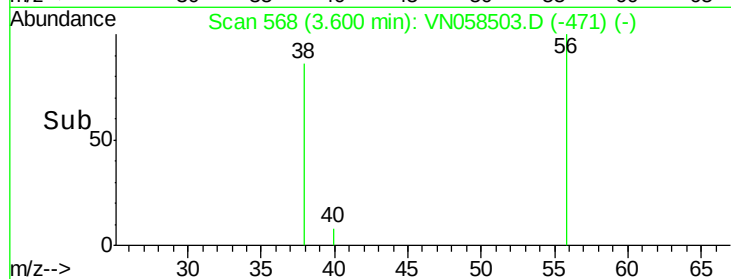
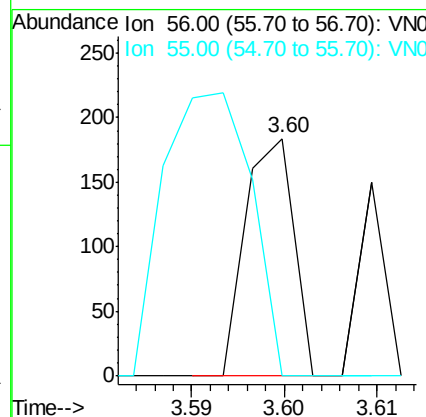
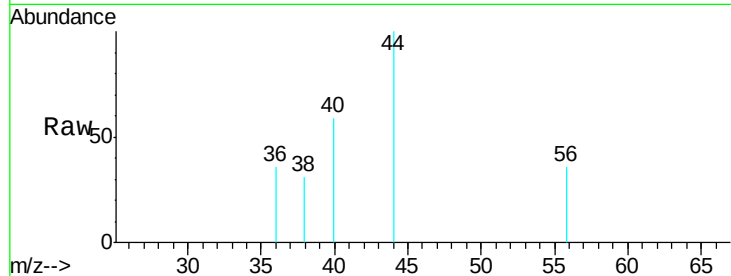




#13
 Acrolein
 Concen: 0.362 ug/l
 RT: 3.60 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: VN058503.D
 Acq: 3 Oct 2019 12:47

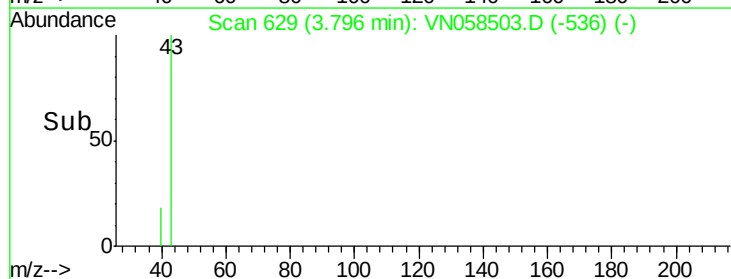
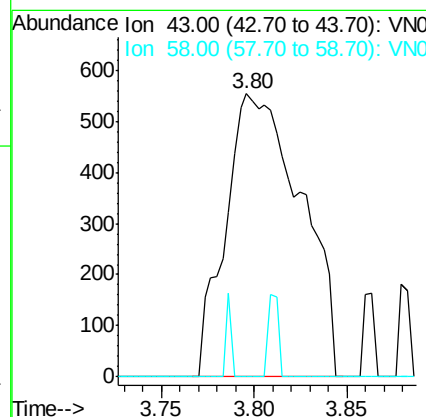
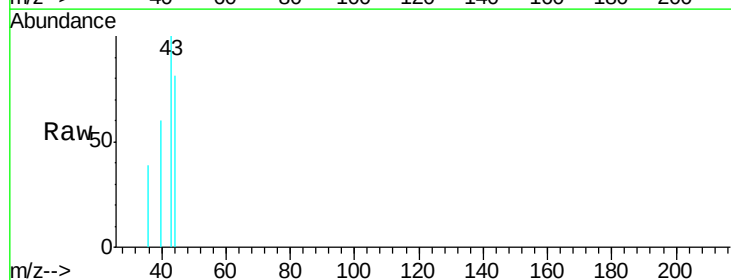
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003MBL01

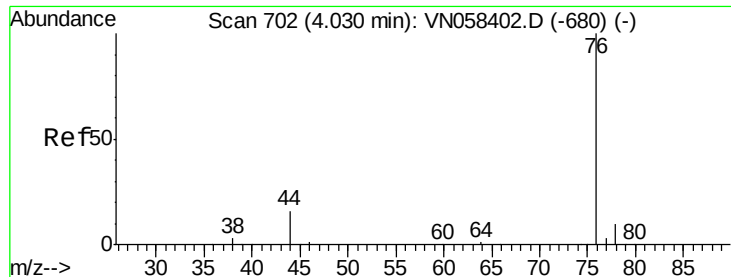
Tgt Ion: 56 Resp: 67
 Ion Ratio Lower Upper
 56 100
 55 216.4 58.3 87.5#



#16
 Acetone
 Concen: 0.878 ug/l
 RT: 3.80 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: VN058503.D
 Acq: 3 Oct 2019 12:47

Tgt Ion: 43 Resp: 1567
 Ion Ratio Lower Upper
 43 100
 58 0.0 22.4 33.6#





#17

Carbon Disulfide

Concen: 0.466 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

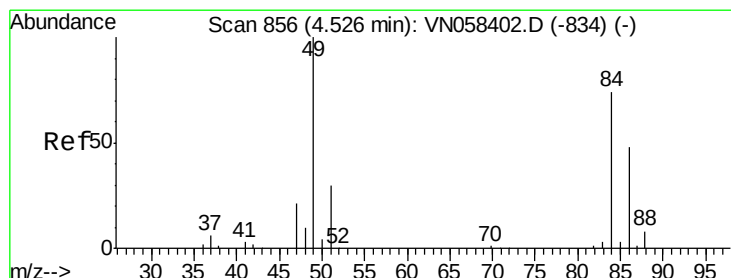
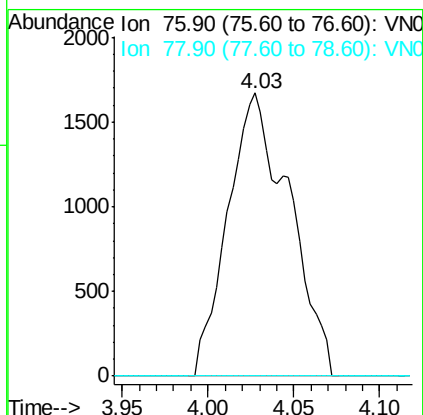
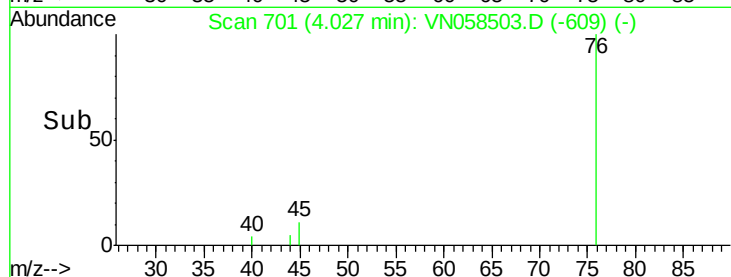
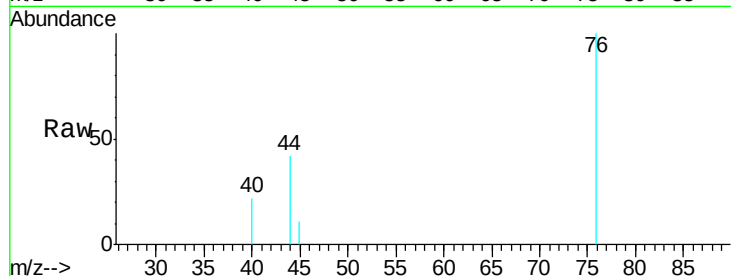
VN1003MBL01

Tgt Ion: 76 Resp: 4148

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#



#20

Methylene Chloride

Concen: 0.471 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

Tgt Ion: 84 Resp: 1939

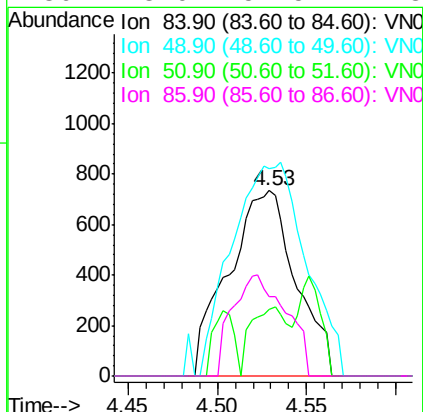
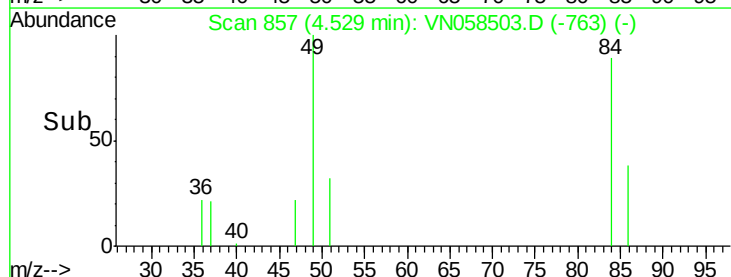
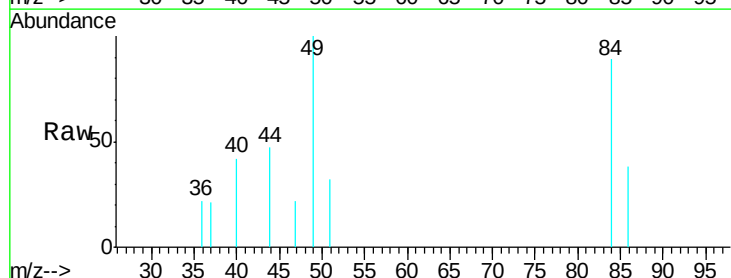
Ion Ratio Lower Upper

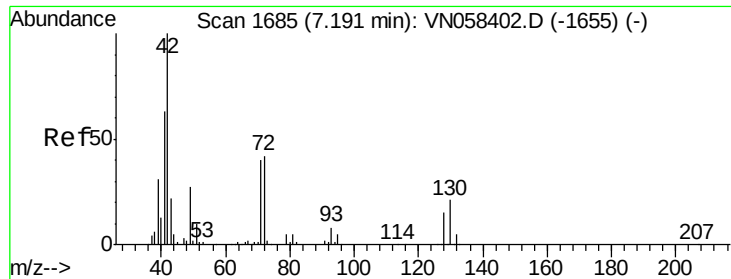
84 100

49 90.1 107.9 161.9#

51 35.8 32.8 49.2

86 43.0 51.5 77.3#





#29

Tetrahydrofuran

Concen: 0.315 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN1003MBL01

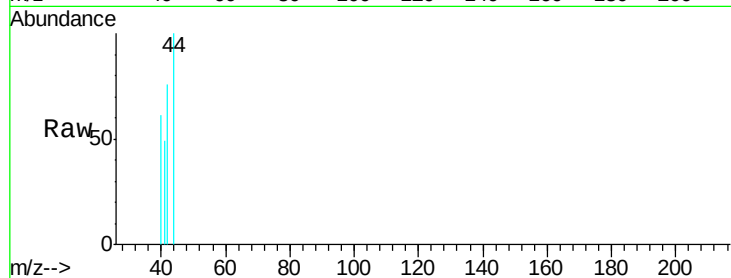
Tgt Ion: 42 Resp: 490

Ion Ratio Lower Upper

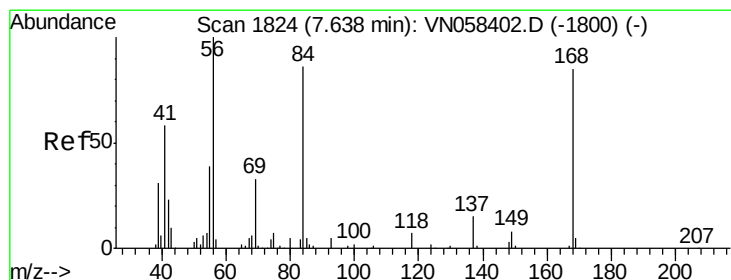
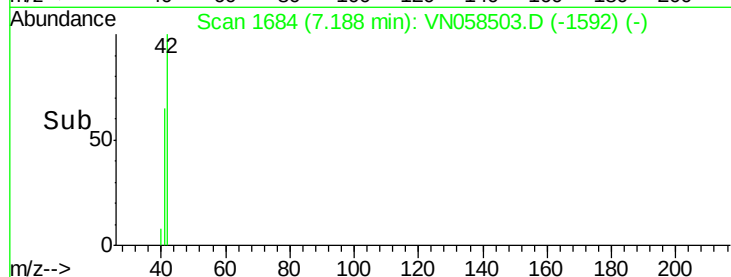
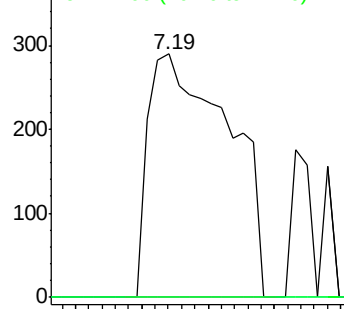
42 100

72 0.0 33.7 50.5#

71 0.0 31.8 47.6#



Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO



#31

Cyclohexane

Concen: 1.303 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.01 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

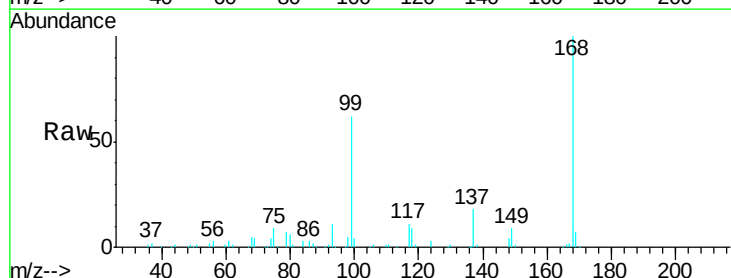
Tgt Ion: 56 Resp: 9436

Ion Ratio Lower Upper

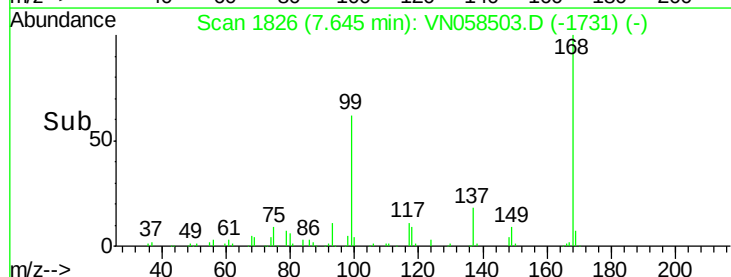
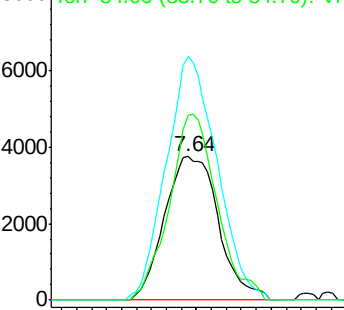
56 100

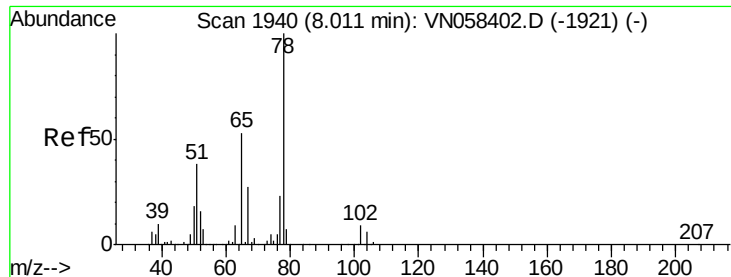
69 170.1 26.2 39.4#

84 129.2 67.6 101.4#



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

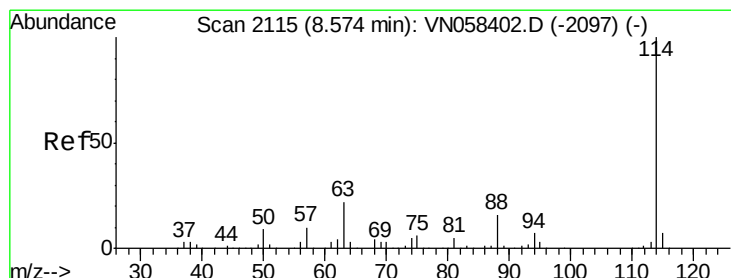
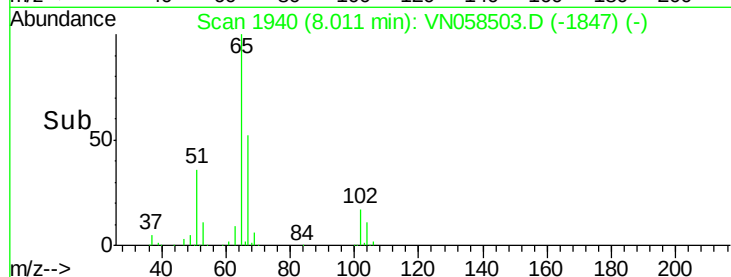
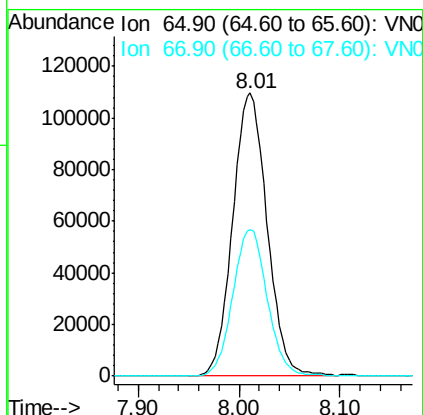
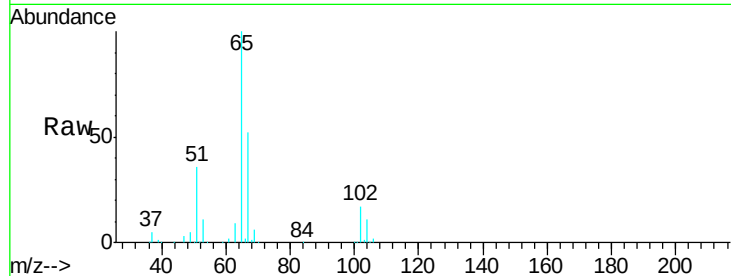




#33
 1,2-Dichloroethane-d4
 Concen: 49.568 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058503.D
 Acq: 3 Oct 2019 12:47

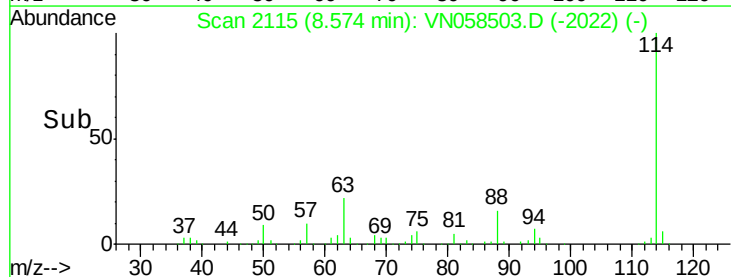
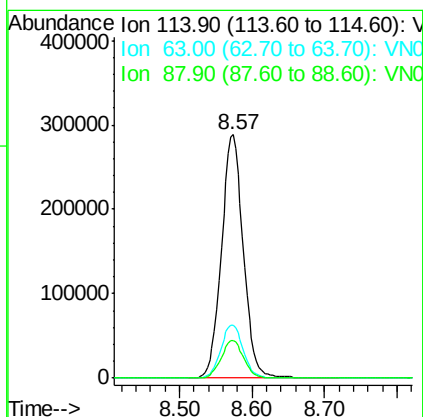
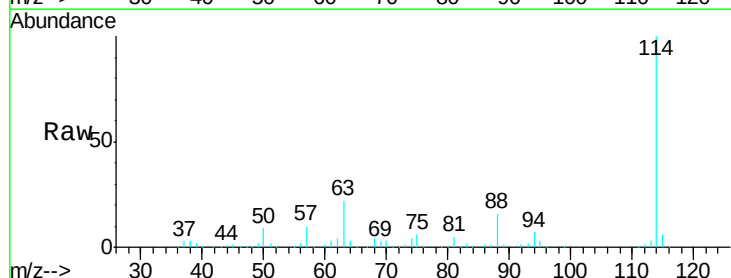
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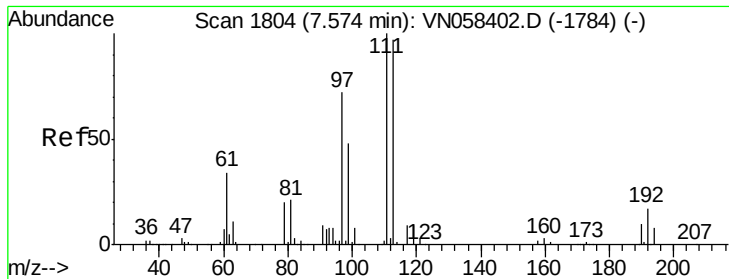
Tgt Ion: 65 Resp: 259438
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058503.D
 Acq: 3 Oct 2019 12:47

Tgt Ion: 114 Resp: 600800
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.0
 88 15.6 0.0 32.2

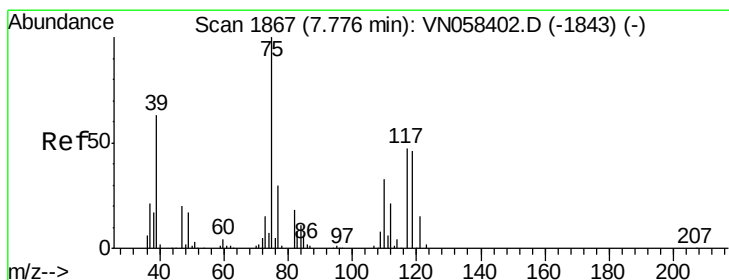
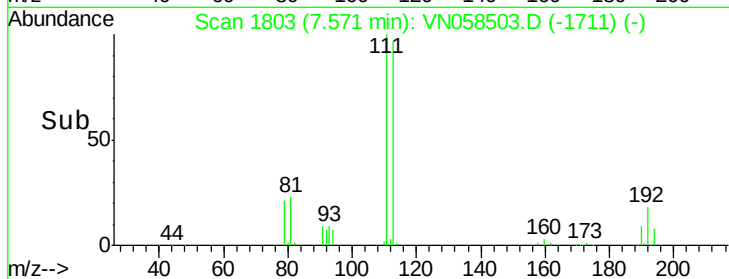
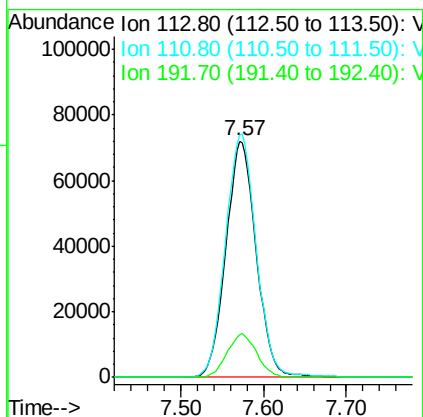
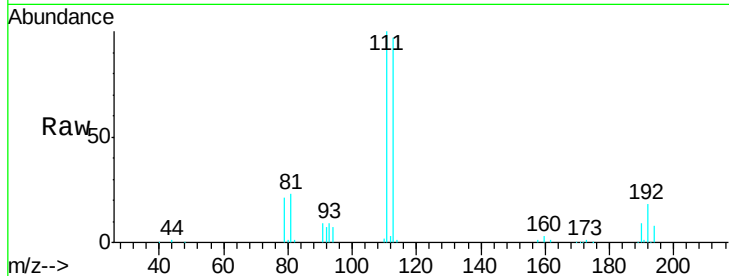




#35
 Dibromofluoromethane
 Concen: 49.571 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN058503.D
 Acq: 3 Oct 2019 12:47

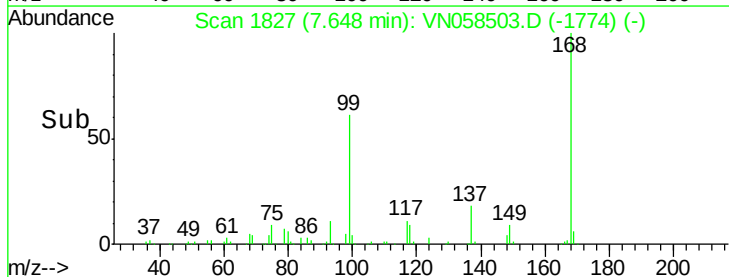
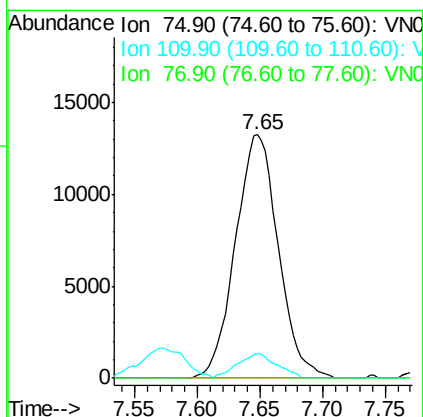
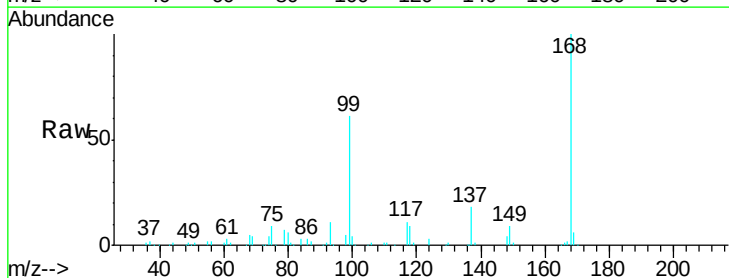
Instrument :
 MSVOA_N
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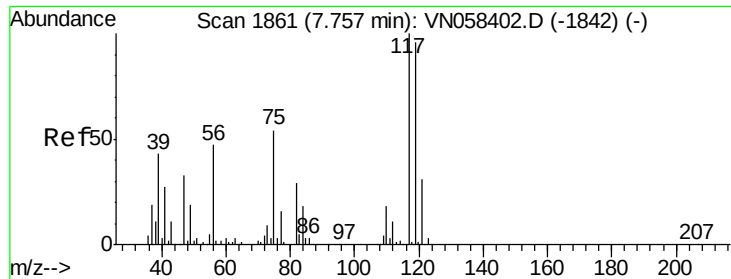
Tgt Ion: 113 Resp: 182532
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.4 125.2
 192 18.0 14.9 22.3



#36
 1,1-Dichloropropene
 Concen: 5.492 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058503.D
 Acq: 3 Oct 2019 12:47

Tgt Ion: 75 Resp: 31551
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.4 49.2#
 77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 7.358 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN1003MBL01

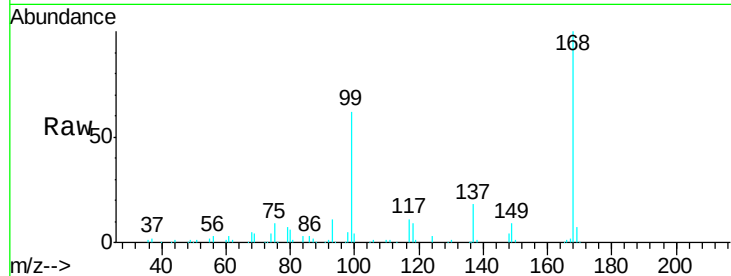
Tgt Ion:117 Resp: 38154

Ion Ratio Lower Upper

117 100

119 5.9 76.6 115.0#

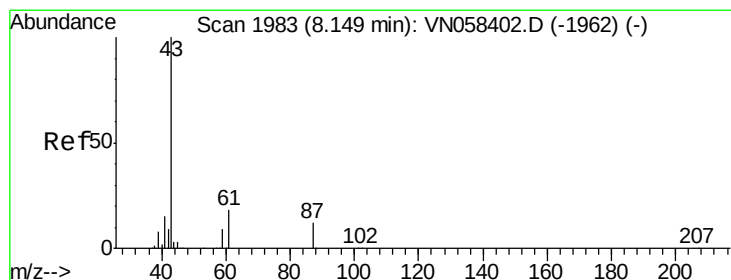
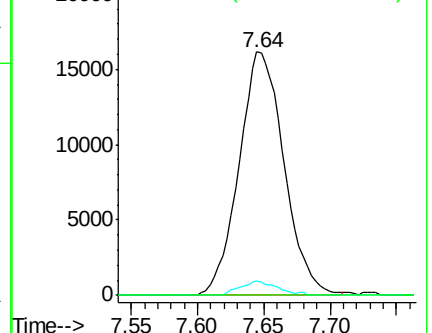
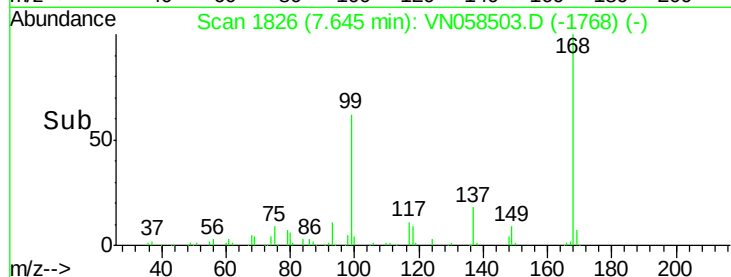
121 0.0 24.7 37.1#



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



#43

Isopropyl Acetate

Concen: 0.830 ug/l

RT: 8.26 min Scan# 2016

Delta R.T. 0.11 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

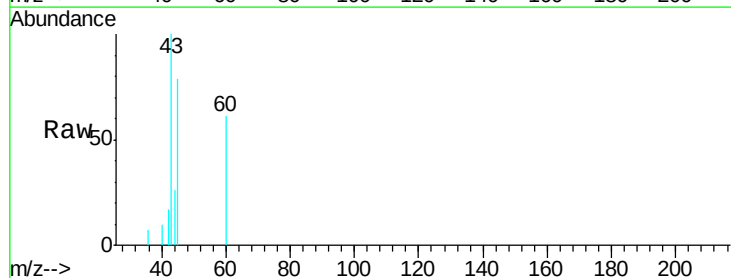
Tgt Ion: 43 Resp: 7601

Ion Ratio Lower Upper

43 100

61 0.0 14.8 22.2#

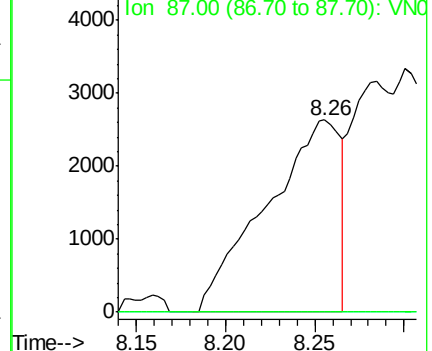
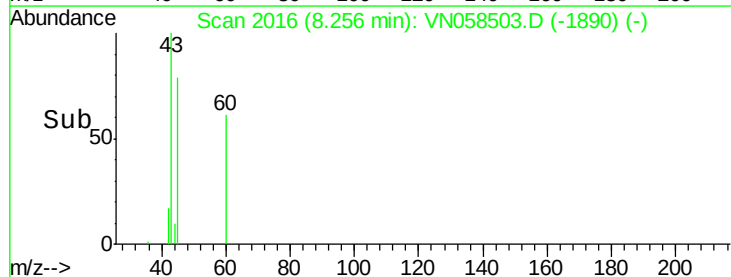
87 0.0 9.7 14.5#

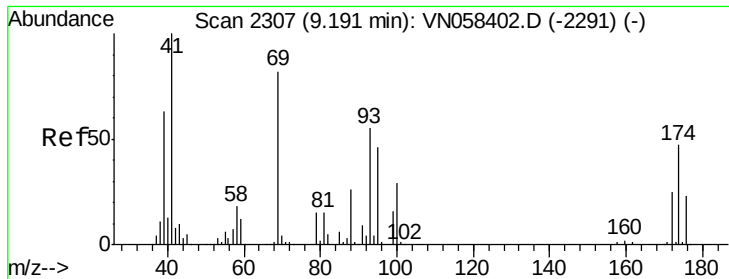


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

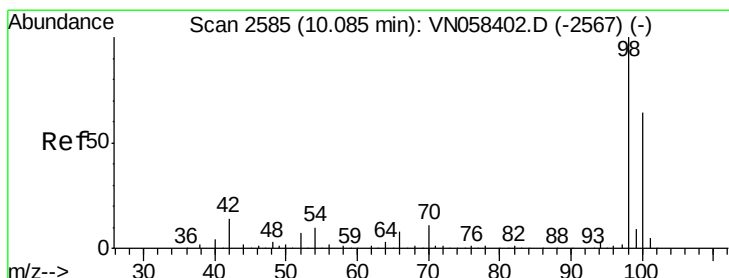
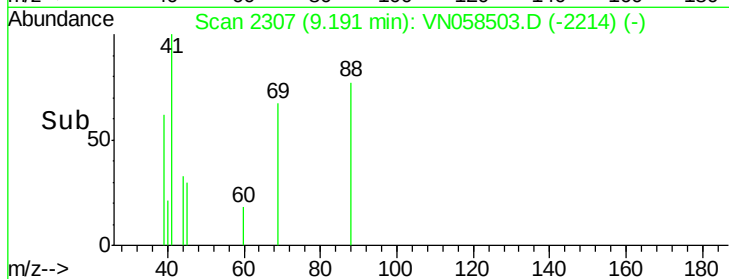
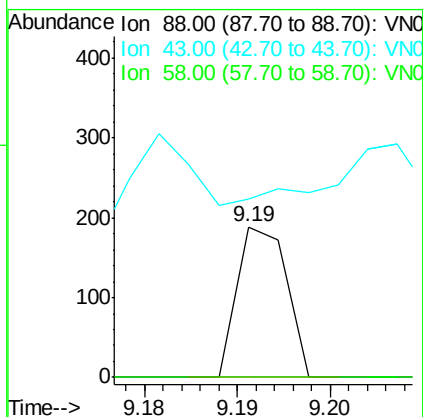
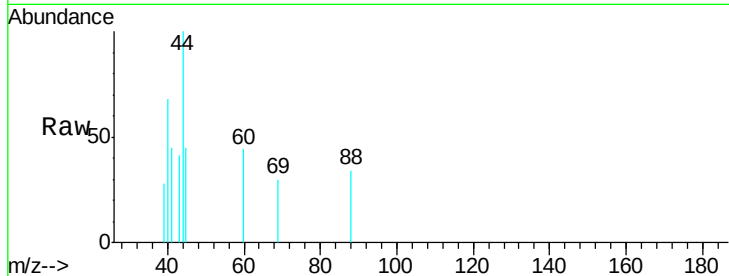




#49
1,4-Dioxane
Concen: 1.255 ug/l
RT: 9.19 min Scan# 2307
Delta R.T. 0.00 min
Lab File: VN058503.D
Acq: 3 Oct 2019 12:47

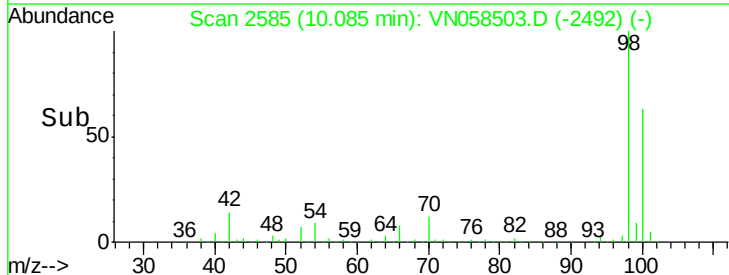
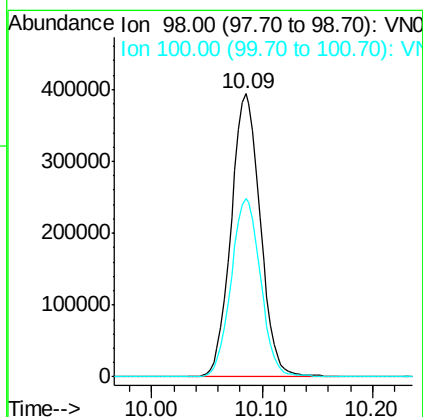
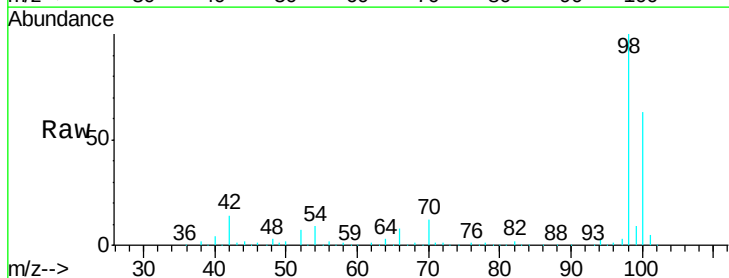
Instrument :
MSVOA_N
ClientSampled :
VN1003MBL01

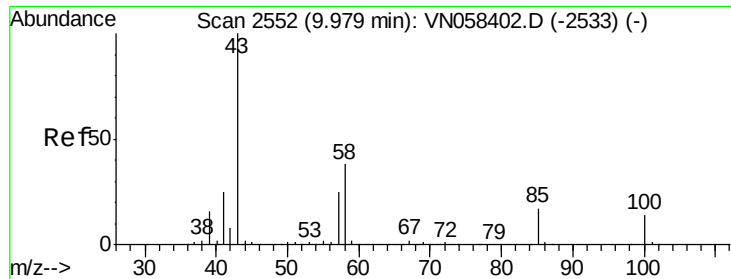
Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 107.1 31.1 46.7#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 50.276 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058503.D
Acq: 3 Oct 2019 12:47

Tgt Ion: 98 Resp: 725221
Ion Ratio Lower Upper
98 100
100 63.5 51.0 76.6





#51

4-Methyl-2-Pentanone

Concen: 0.934 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.01 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

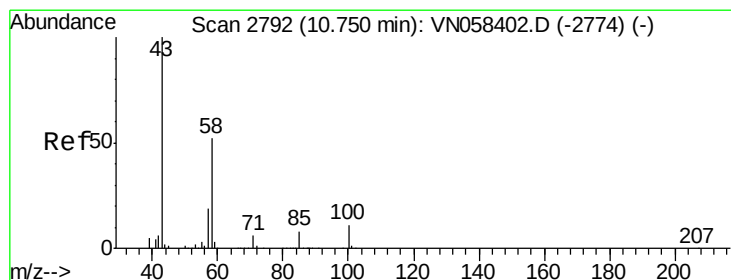
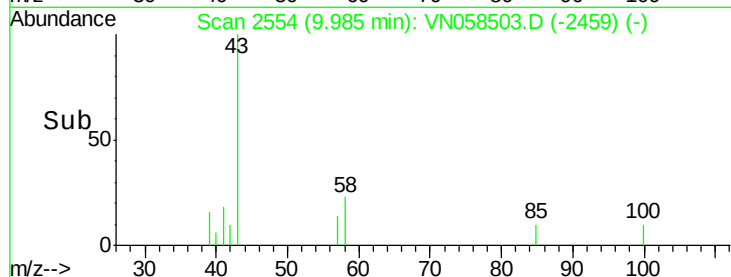
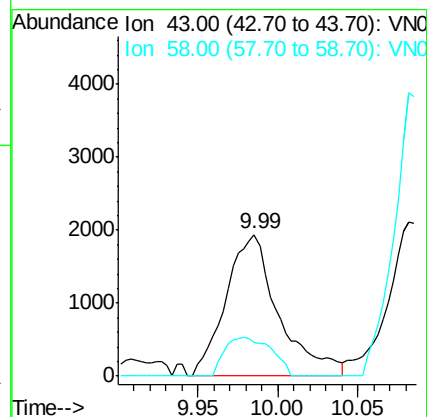
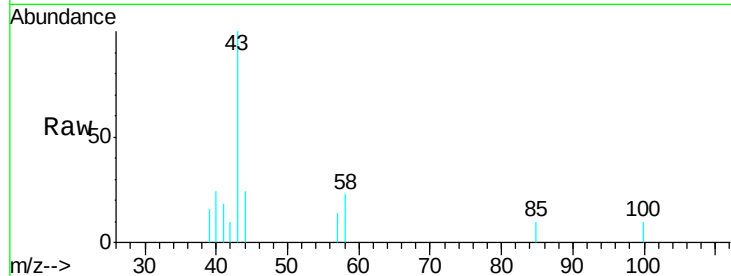
VN1003MBL01

Tgt Ion: 43 Resp: 4392

Ion Ratio Lower Upper

43 100

58 24.2 30.2 45.2#



#59

2-Hexanone

Concen: 1.917 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN058503.D

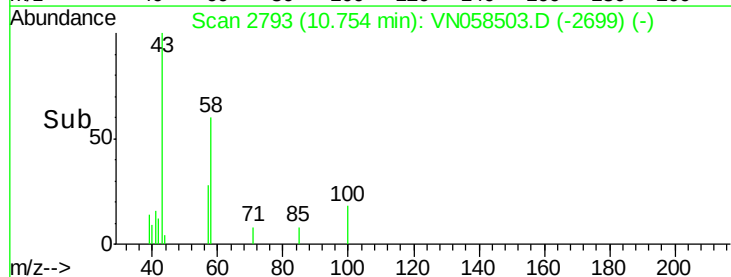
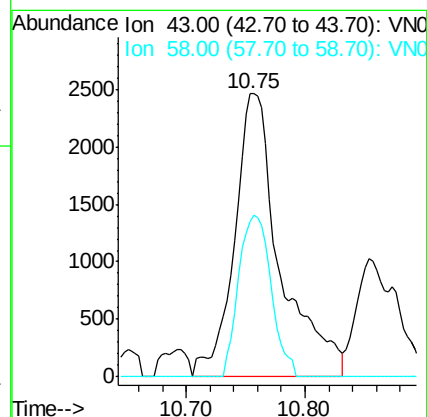
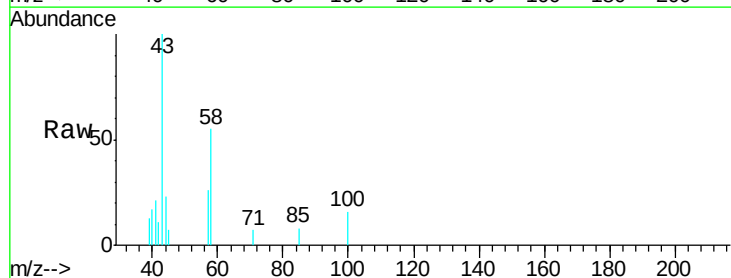
Acq: 3 Oct 2019 12:47

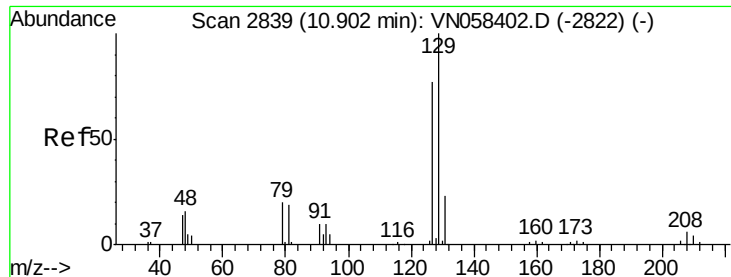
Tgt Ion: 43 Resp: 6567

Ion Ratio Lower Upper

43 100

58 40.5 25.8 77.3

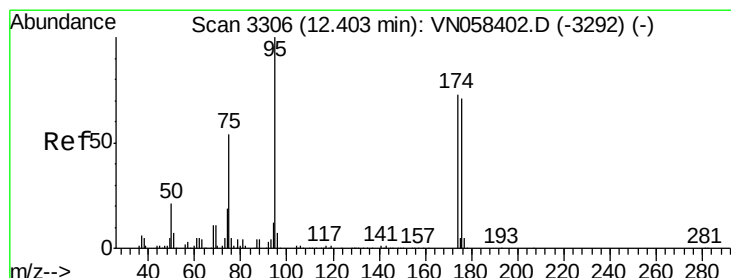
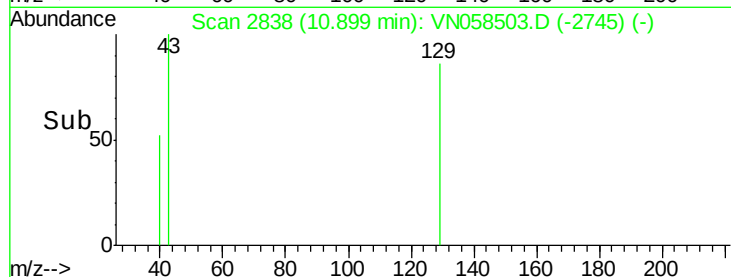
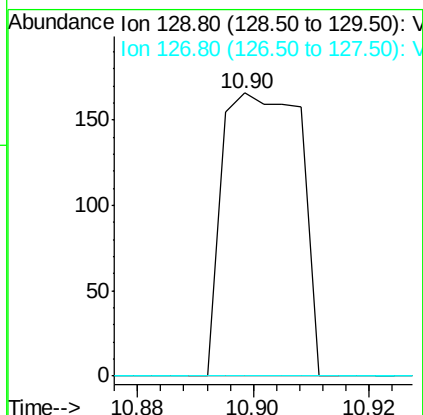
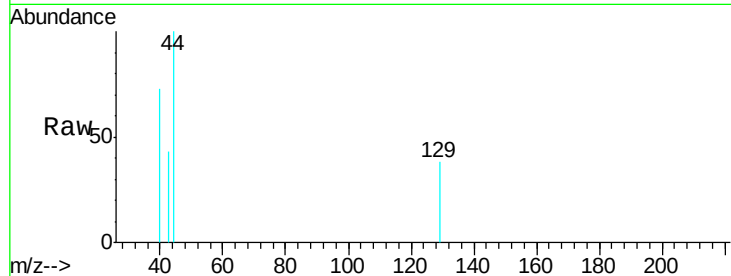




#60
 Dibromochloromethane
 Concen: Below Cal
 RT: 10.90 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: VN058503.D
 Acq: 3 Oct 2019 12:47

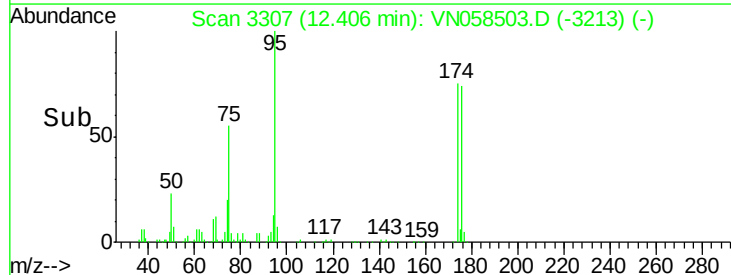
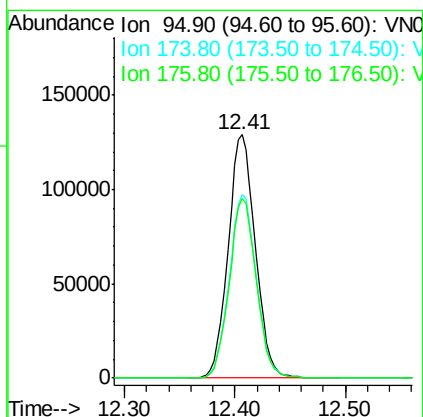
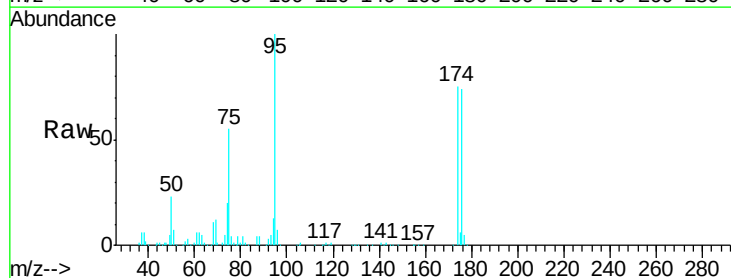
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003MBL01

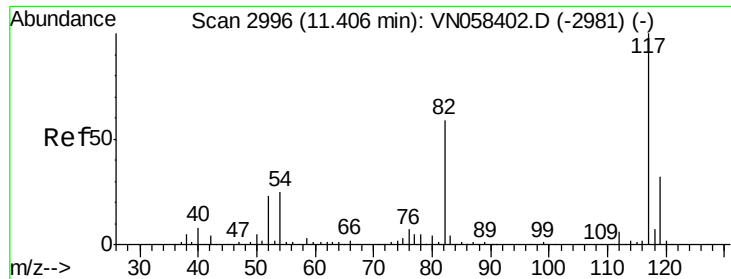
Tgt Ion: 129 Resp: 154
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.3 114.8#



#62
 4-Bromofluorobenzene
 Concen: 42.343 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058503.D
 Acq: 3 Oct 2019 12:47

Tgt Ion: 95 Resp: 220850
 Ion Ratio Lower Upper
 95 100
 174 75.4 0.0 150.6
 176 73.1 0.0 146.2

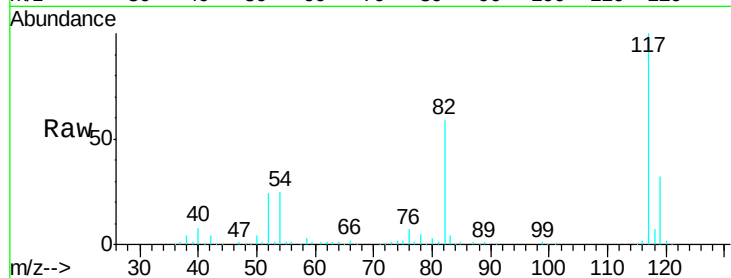




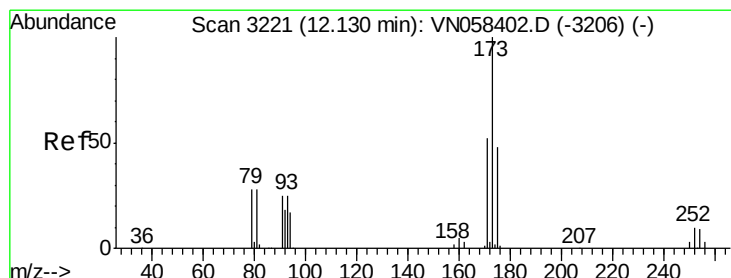
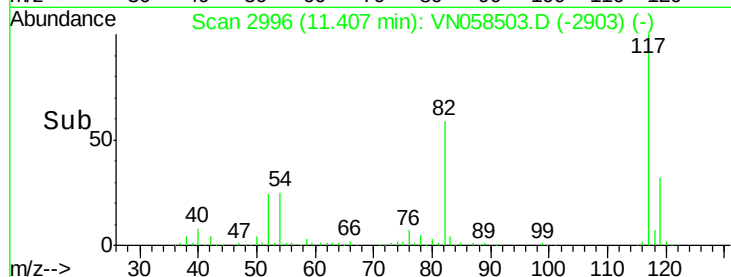
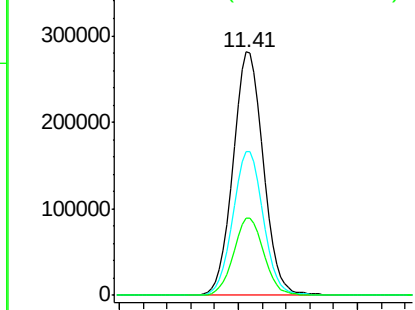
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058503.D
Acq: 3 Oct 2019 12:47

Instrument :
MSVOA_N
ClientSampleId :
VN1003MBL01

Tgt Ion:117 Resp: 496507
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.0
119 31.6 25.5 38.3

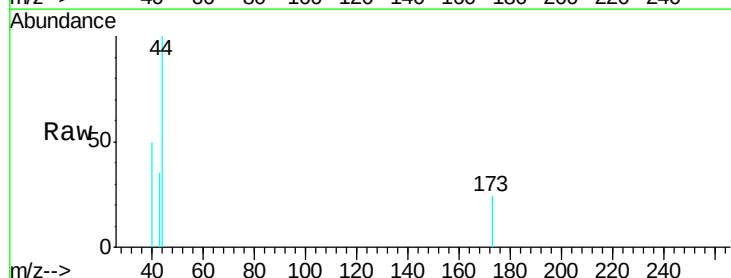


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

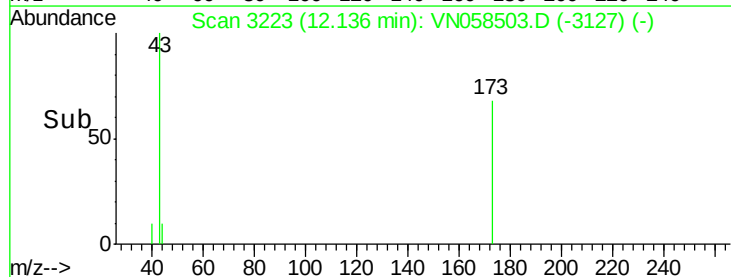
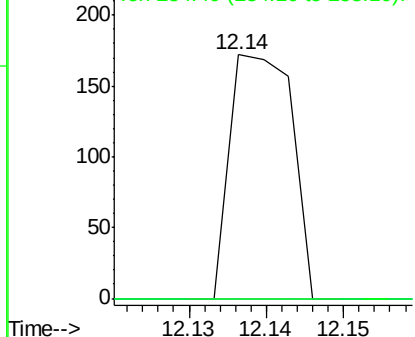


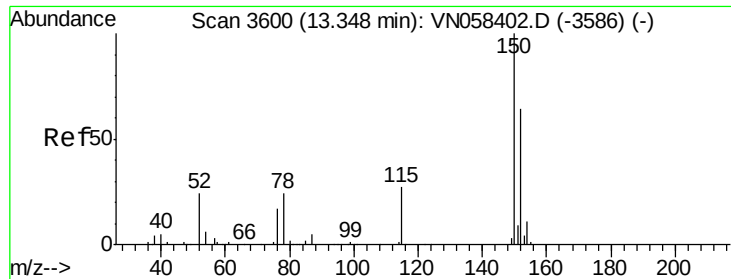
#71
Bromoform
Concen: 0.736 ug/l
RT: 12.14 min Scan# 3223
Delta R.T. 0.01 min
Lab File: VN058503.D
Acq: 3 Oct 2019 12:47

Tgt Ion:173 Resp: 96
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
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# 3601

Delta R.T. 0.00 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

VN1003MBL01

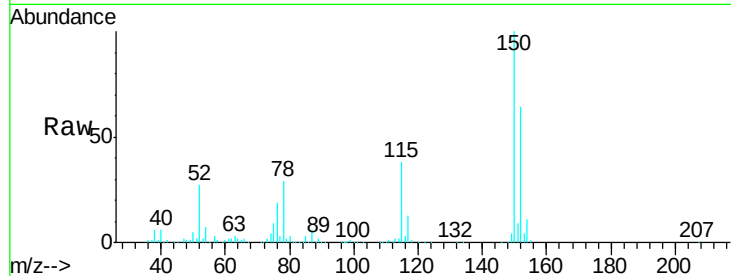
Tgt Ion: 152 Resp: 189572

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

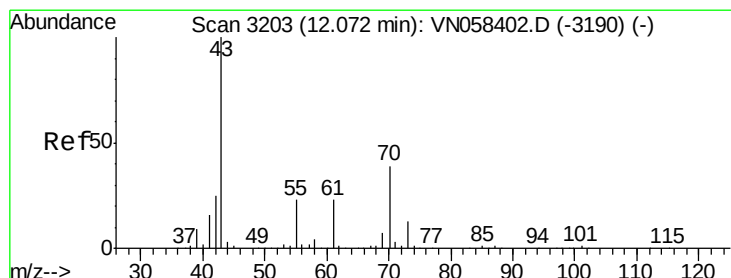
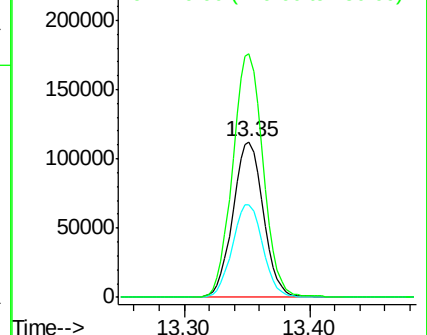
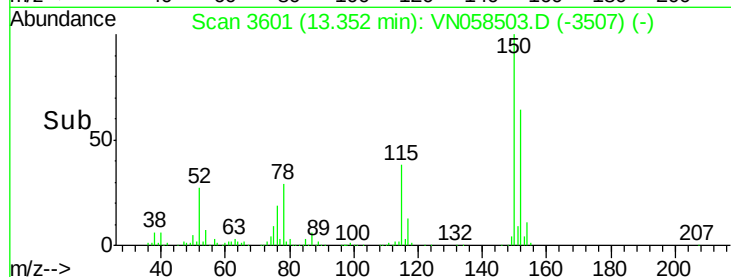
150 156.6 0.0 348.2



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-ethyl acetate

Concen: 0.517 ug/l

RT: 12.08 min Scan# 3206

Delta R.T. 0.01 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

Tgt Ion: 43 Resp: 2884

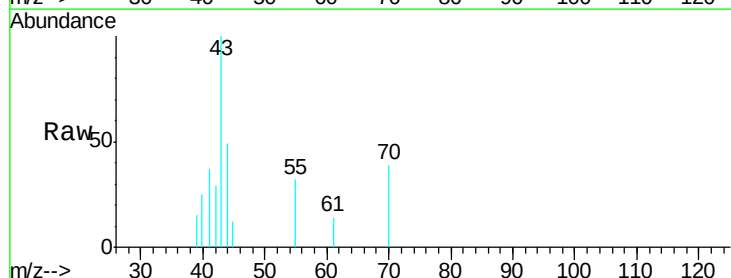
Ion Ratio Lower Upper

43 100

70 24.7 31.4 47.2#

55 20.9 18.2 27.4

61 8.2 18.3 27.5#

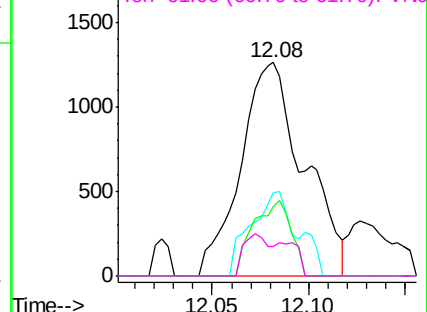
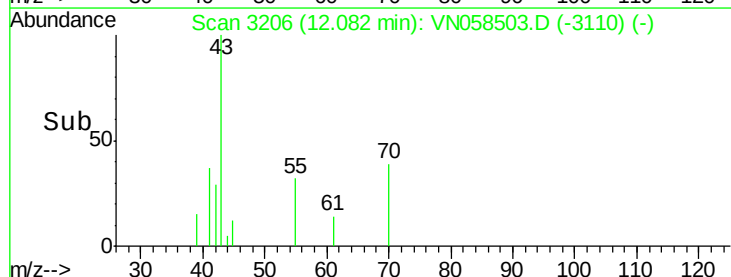


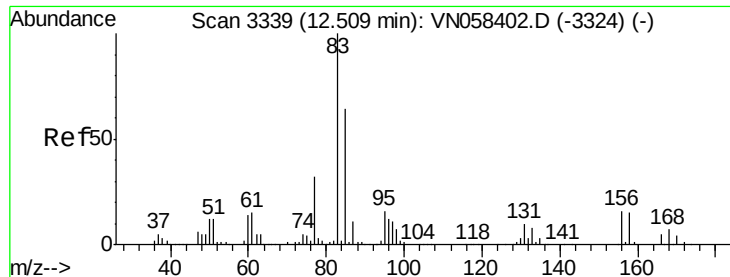
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#75

1,1,2,2-Tetrachloroethane

Concen: 0.263 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

VN1003MBL01

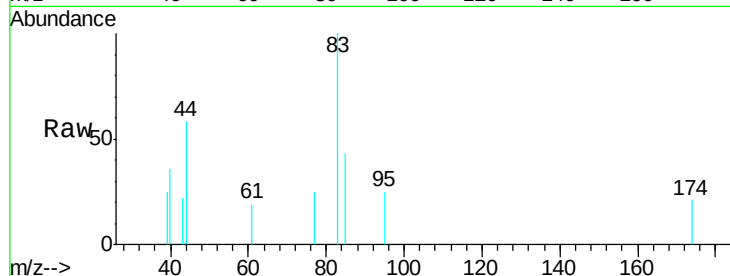
Tgt Ion: 83 Resp: 1088

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

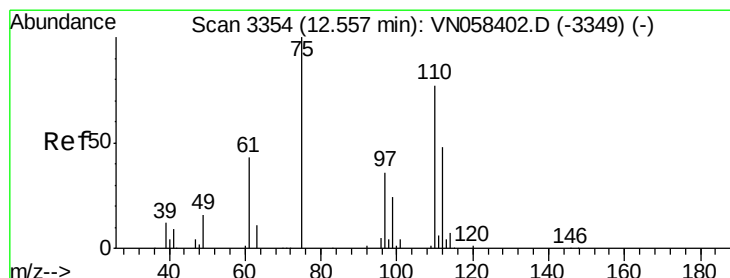
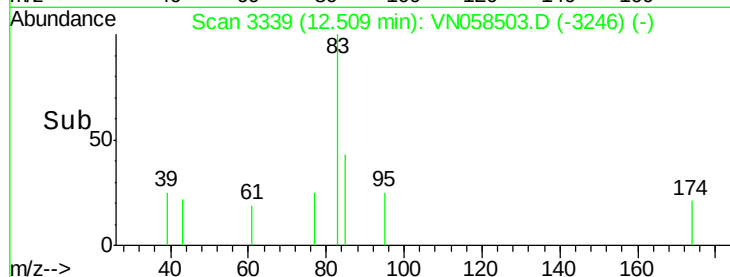
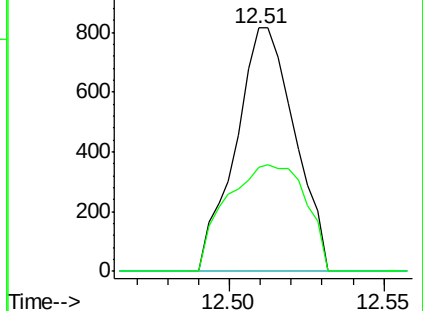
85 58.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN058402.D (-3324) (-)

Ion 130.80 (130.50 to 131.50): VN058402.D (-3324) (-)

Ion 84.90 (84.60 to 85.60): VN058402.D (-3324) (-)



#76

1,2,3-Trichloropropane

Concen: 35.631 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058503.D

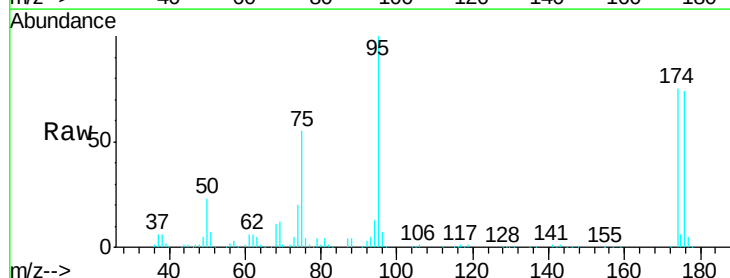
Acq: 3 Oct 2019 12:47

Tgt Ion: 75 Resp: 123373

Ion Ratio Lower Upper

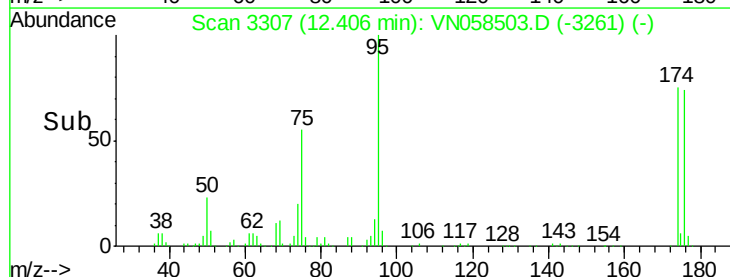
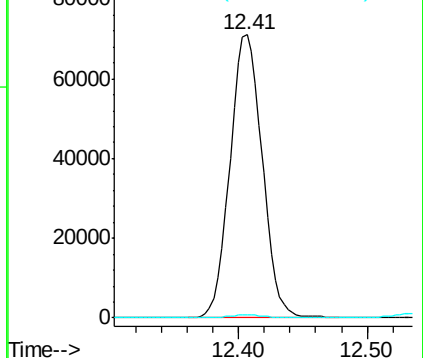
75 100

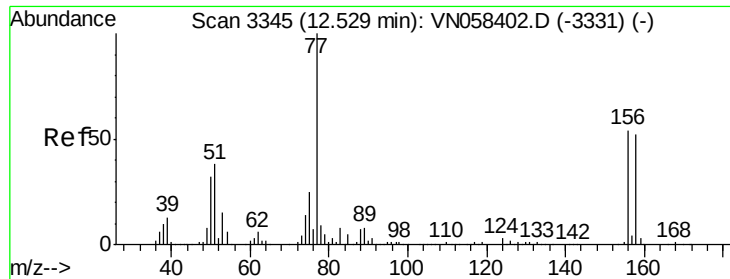
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN058402.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN058402.D (-3349) (-)





#77

Bromobenzene

Concen: 0.218 ug/l

RT: 12.54 min Scan# 3347

Delta R.T. 0.01 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

VN1003MBL01

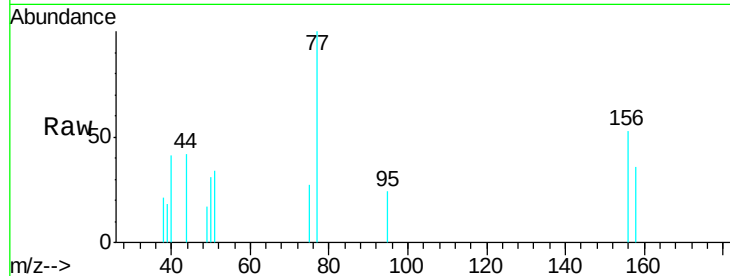
Tgt Ion:156 Resp: 716

Ion Ratio Lower Upper

156 100

77 250.1 110.0 330.0

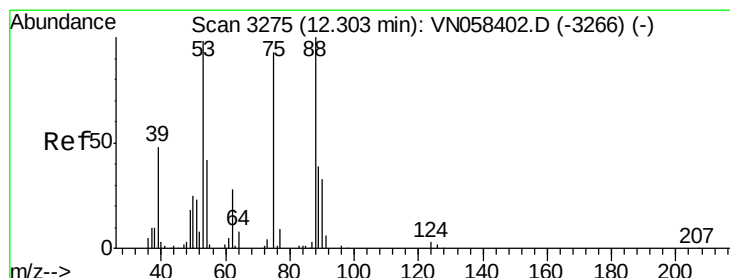
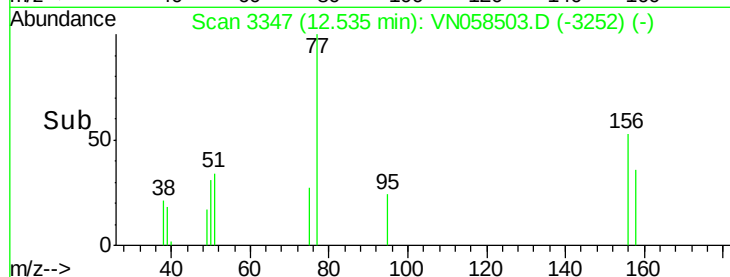
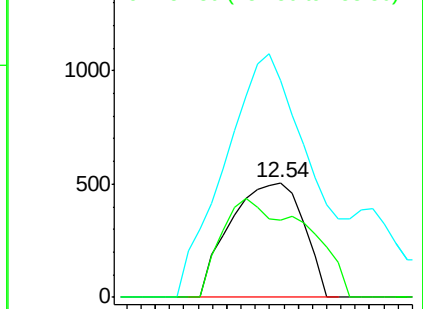
158 101.1 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 108.215 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

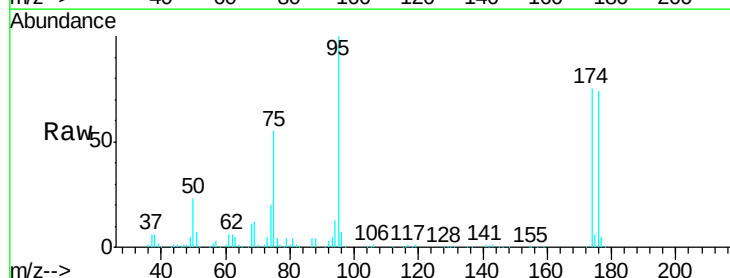
Tgt Ion: 75 Resp: 123373

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

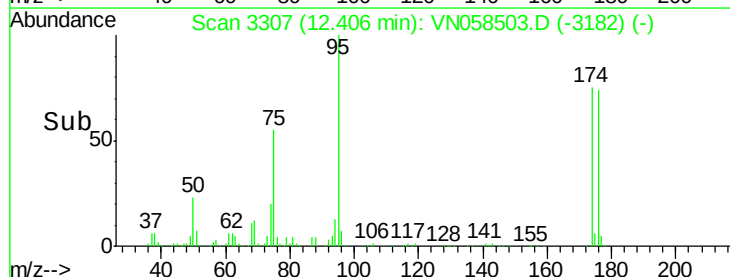
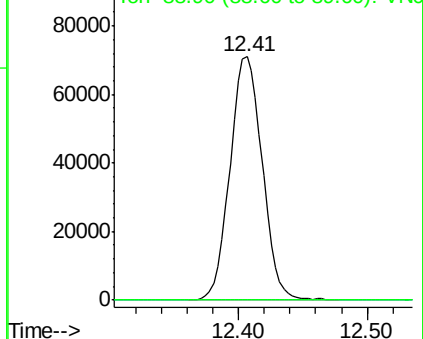
89 0.0 35.0 52.4#

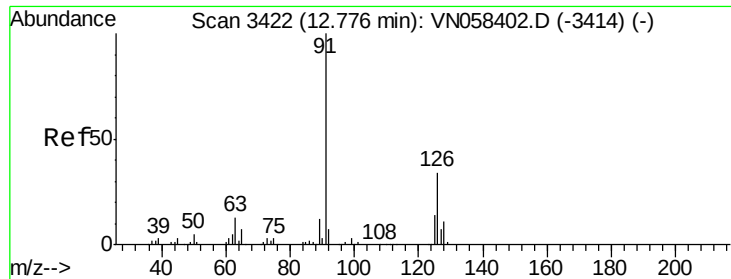


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0





#82

4-Chlorotoluene

Concen: 0.269 ug/l

RT: 12.79 min Scan# 3426

Delta R.T. 0.01 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

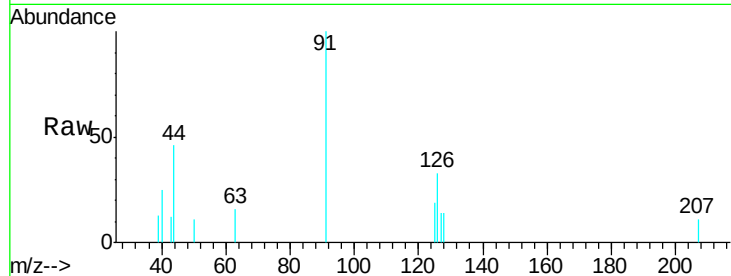
VN1003MBL01

Tgt Ion: 91 Resp: 2676

Ion Ratio Lower Upper

91 100

126 25.6 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN058402.D (-3414) (-)

Ion 125.90 (125.60 to 126.60): VN058402.D (-3414) (-)

12.79

1500

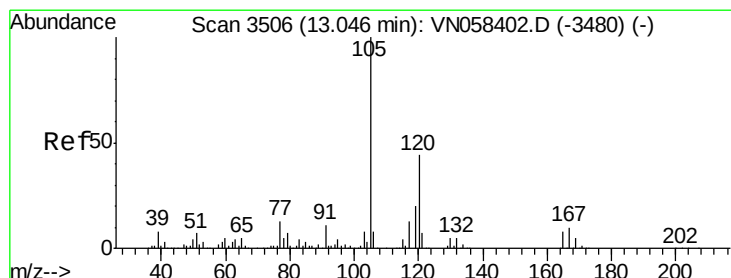
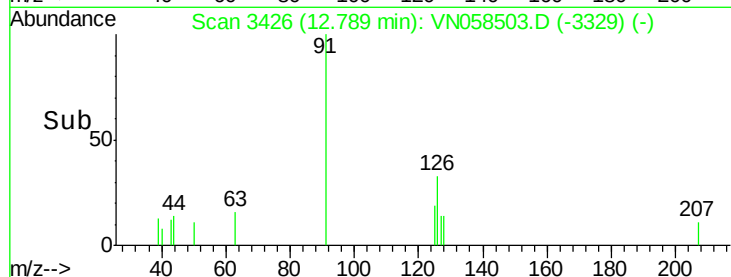
1000

500

0

12.75 12.80

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 0.207 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058503.D

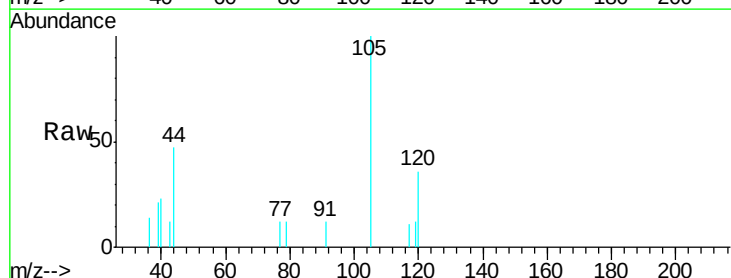
Acq: 3 Oct 2019 12:47

Tgt Ion: 105 Resp: 2434

Ion Ratio Lower Upper

105 100

120 34.9 21.7 65.1



Abundance Ion 105.00 (104.70 to 105.70): VN058402.D (-3480) (-)

Ion 120.00 (119.70 to 120.70): VN058402.D (-3480) (-)

13.05

1500

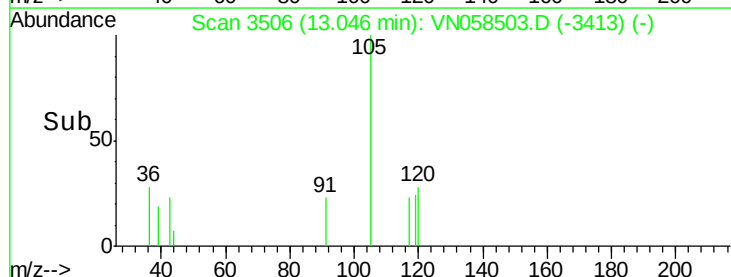
1000

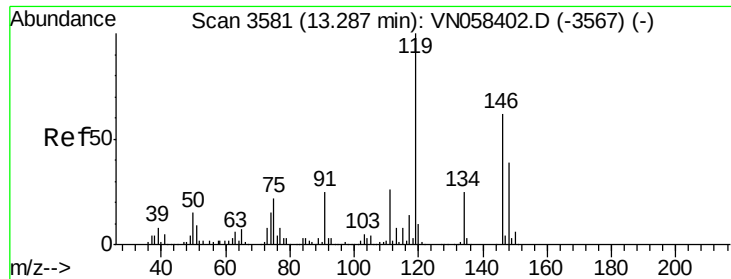
500

0

13.00 13.05 13.10

Time-->

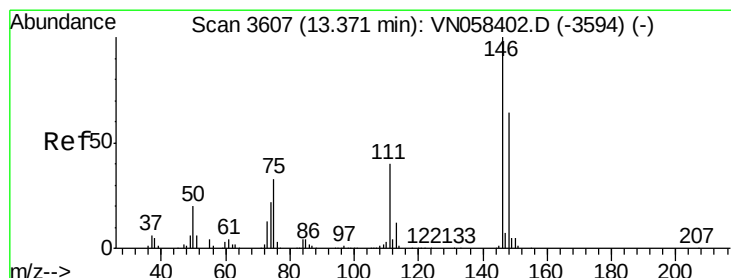
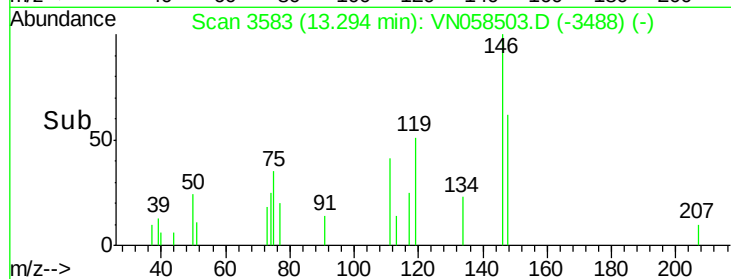
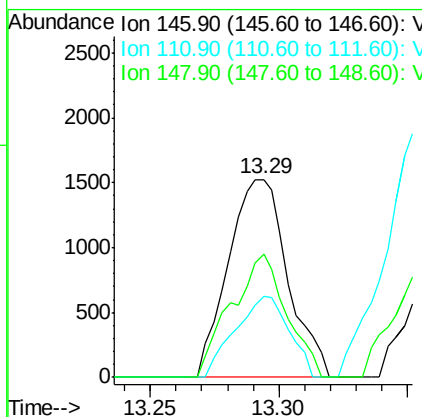
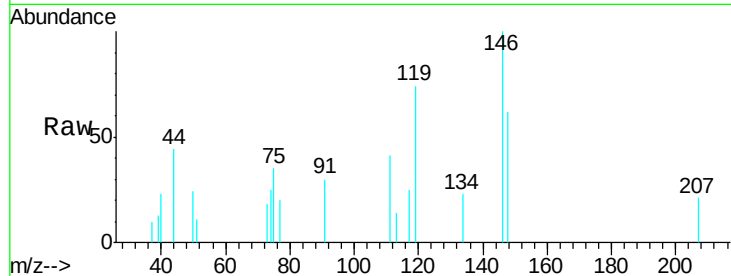




#87
 1,3-Dichlorobenzene
 Concen: 0.411 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.01 min
 Lab File: VN058503.D
 Acq: 3 Oct 2019 12:47

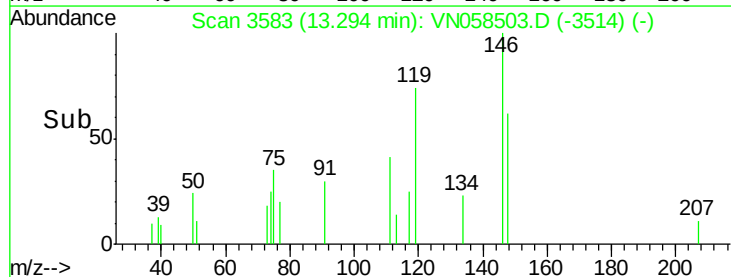
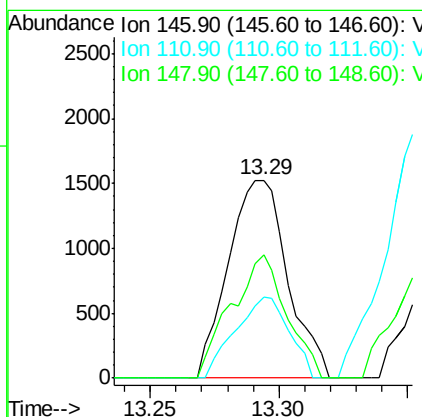
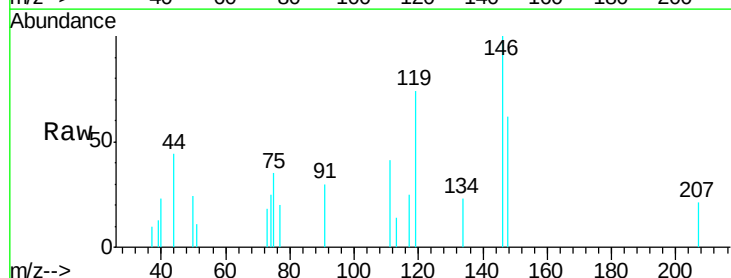
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003MBL01

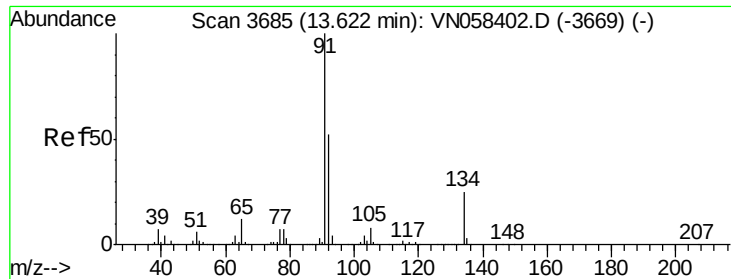
Tgt Ion:146 Resp: 2447
 Ion Ratio Lower Upper
 146 100
 111 37.1 20.8 62.4
 148 57.9 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 0.413 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. -0.08 min
 Lab File: VN058503.D
 Acq: 3 Oct 2019 12:47

Tgt Ion:146 Resp: 2447
 Ion Ratio Lower Upper
 146 100
 111 37.1 20.5 61.6
 148 57.9 31.5 94.5





#89

n-Butylbenzene

Concen: 0.486 ug/l

RT: 13.63 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

Instrument :

MSVOA_N

ClientSampleId :

VN1003MBL01

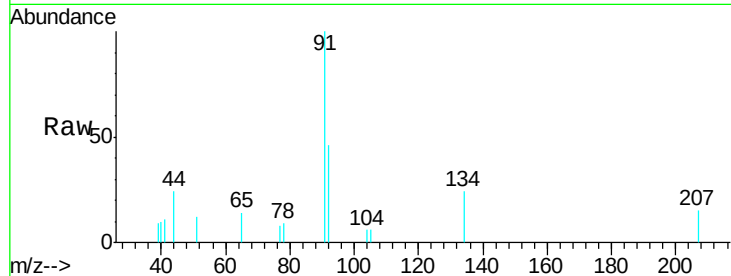
Tgt Ion: 91 Resp: 5052

Ion Ratio Lower Upper

91 100

92 51.8 25.7 77.1

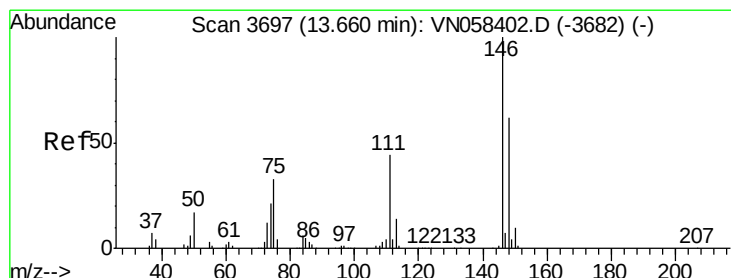
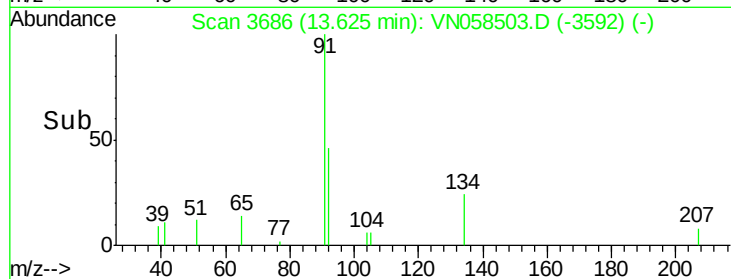
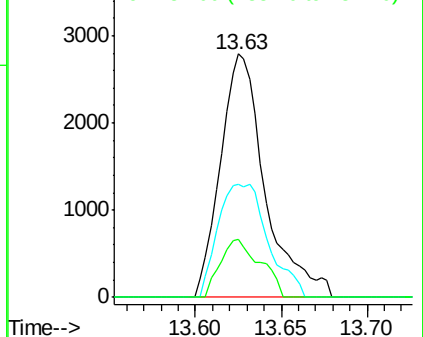
134 21.3 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V



#91

1,2-Dichlorobenzene

Concen: 0.422 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

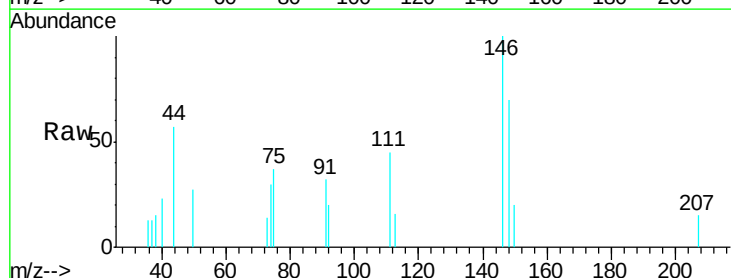
Tgt Ion: 146 Resp: 2413

Ion Ratio Lower Upper

146 100

111 41.3 21.8 65.3

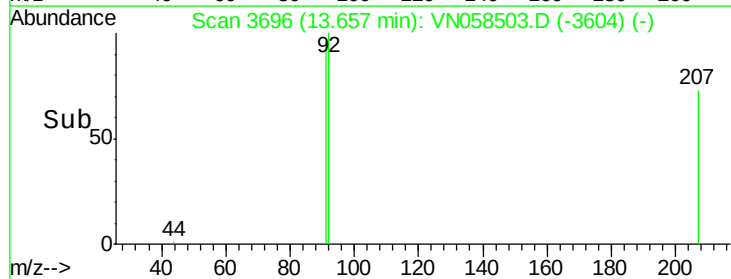
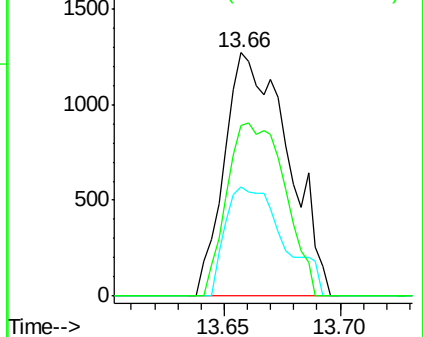
148 65.0 31.5 94.5

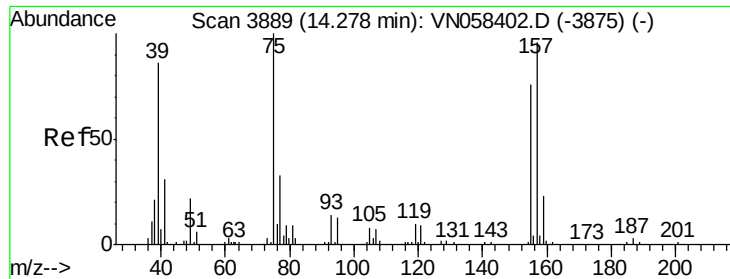


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

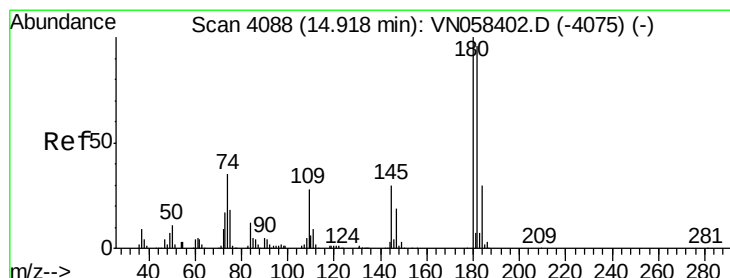
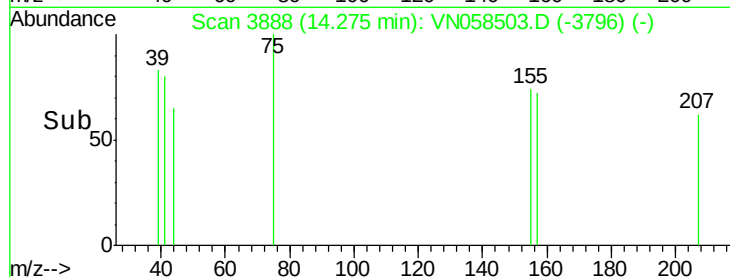
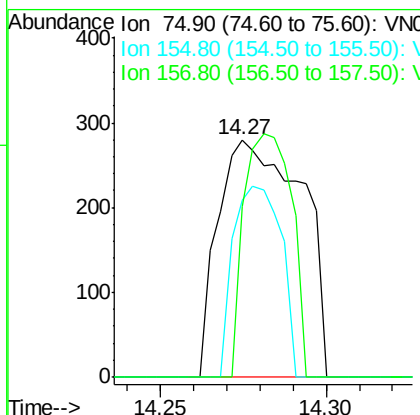
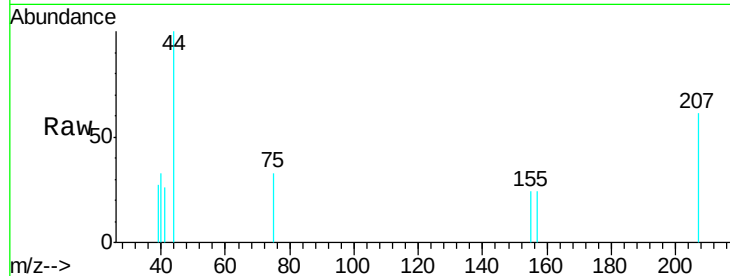




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.672 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN058503.D
 Acq: 3 Oct 2019 12:47

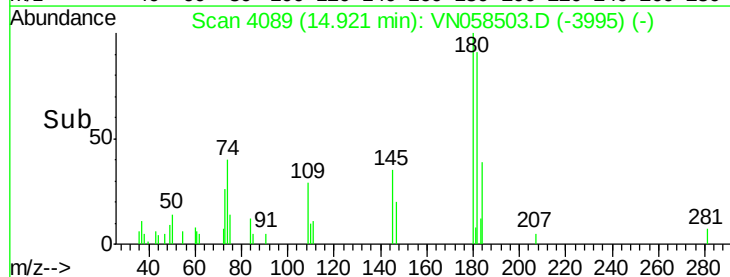
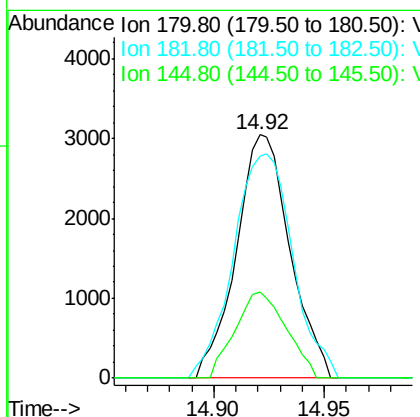
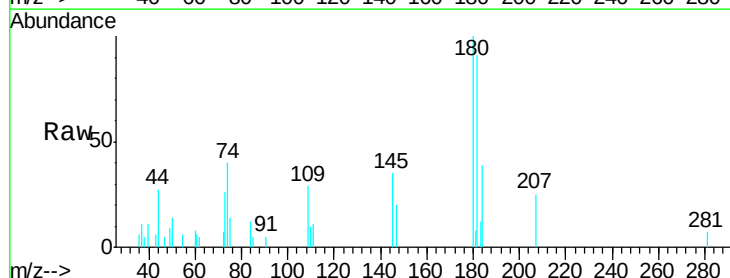
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003MBL01

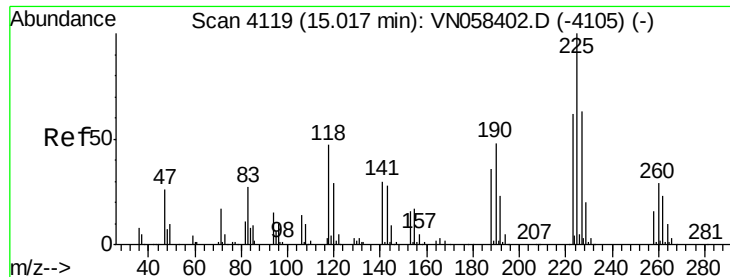
Tgt Ion: 75 Resp: 491
 Ion Ratio Lower Upper
 75 100
 155 46.0 39.2 117.6
 157 58.2 48.7 146.1



#93
 1,2,4-Trichlorobenzene
 Concen: 1.623 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.00 min
 Lab File: VN058503.D
 Acq: 3 Oct 2019 12:47

Tgt Ion: 180 Resp: 5134
 Ion Ratio Lower Upper
 180 100
 182 102.1 47.4 142.3
 145 33.7 15.3 45.9





#94

Hexachlorobutadiene

Concen: 0.671 ug/l

RT: 15.02 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

Instrument :

MSVOA_N

ClientSampled :

VN1003MBL01

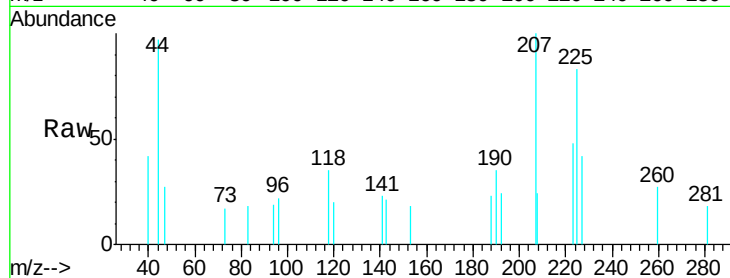
Tgt Ion:225 Resp: 1091

Ion Ratio Lower Upper

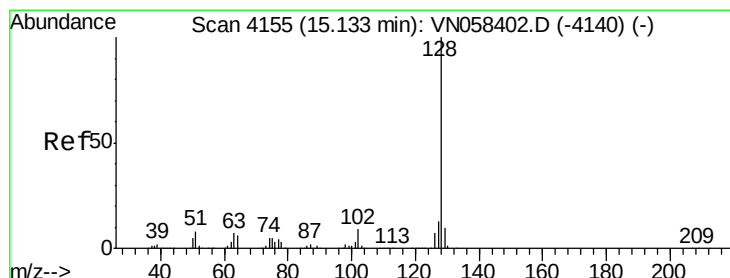
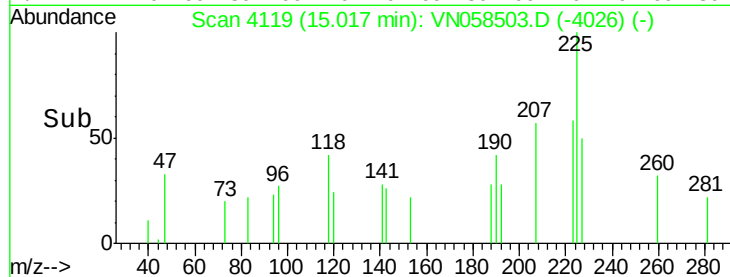
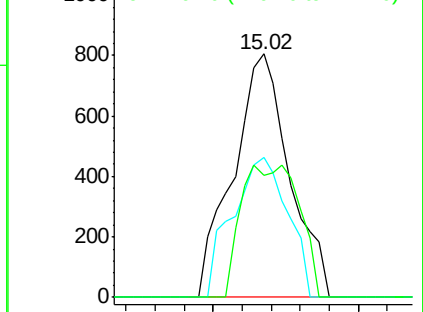
225 100

223 56.2 31.1 93.5

227 56.0 31.4 94.2



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.535 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058503.D

Acq: 3 Oct 2019 12:47

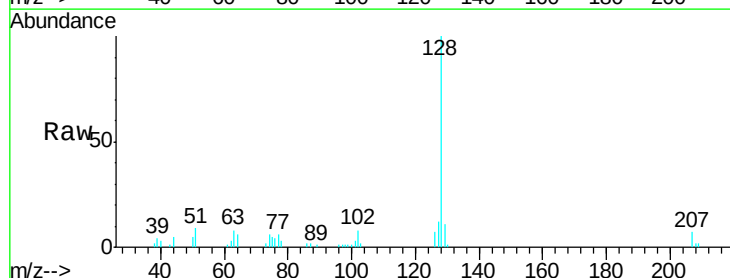
Tgt Ion:128 Resp: 23736

Ion Ratio Lower Upper

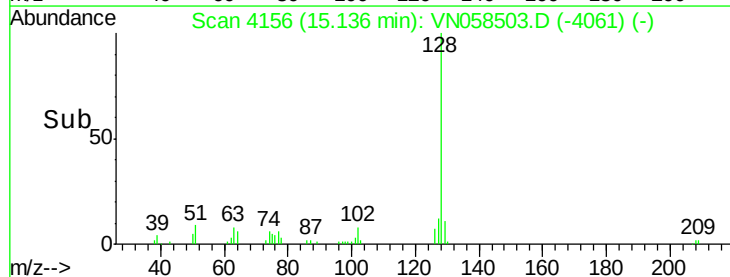
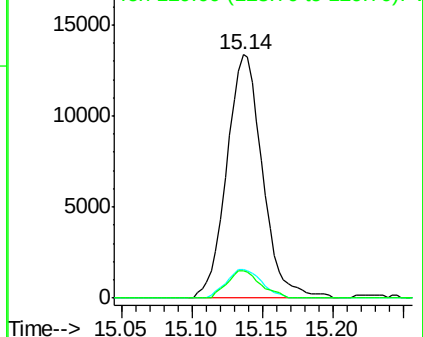
128 100

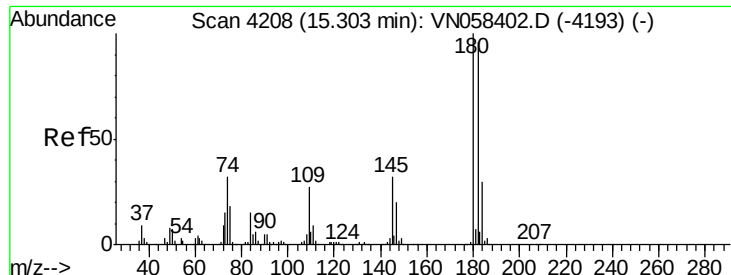
127 11.6 10.2 15.4

129 10.5 8.3 12.5



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: 2.129 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. 0.00 min
 Lab File: VN058503.D
 Acq: 3 Oct 2019 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003MBL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.3	144.9
145	31.9	16.1	48.3

