

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092018\
 Data File : VN051343.D
 Acq On : 20 Sep 2018 16:44
 Operator : MD\SY
 Sample : VN0920WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBL01

Quant Time: Sep 21 06:41:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 03:27:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	746737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1051440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	914866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	356255	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	389860	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
35) Dibromofluoromethane	7.59	113	399033	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
50) Toluene-d8	10.09	98	1449171	44.36	ug/l	0.00
Spiked Amount			Recovery	=	88.72%	
62) 4-Bromofluorobenzene	12.40	95	408544	38.44	ug/l	0.00
Spiked Amount			Recovery	=	76.88%	

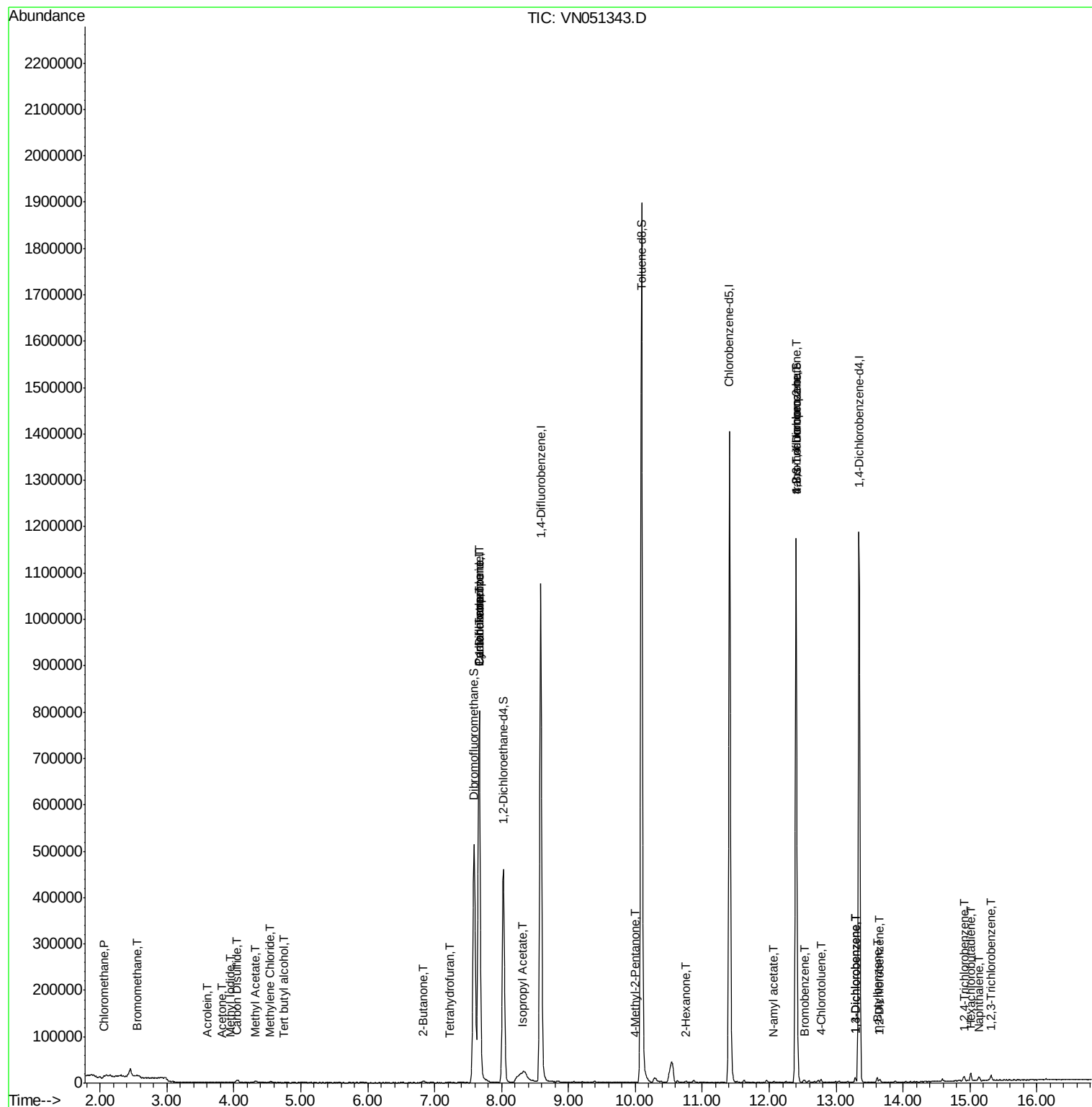
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2004	0.23	ug/l	99
5) Bromomethane	2.56	94	2280	0.37	ug/l	86
10) Methyl Iodide	3.95	142	2560	0.22	ug/l #	65
11) Tert butyl alcohol	4.75	59	208	0.48	ug/l #	72
13) Acrolein	3.61	56	314	0.64	ug/l	90
16) Acetone	3.82	43	1364	0.82	ug/l	100
17) Carbon Disulfide	4.05	76	12594	0.60	ug/l #	92
18) Methyl Acetate	4.32	43	3759	0.66	ug/l #	70
20) Methylene Chloride	4.54	84	1735	0.21	ug/l #	84
25) 2-Butanone	6.83	43	565	0.24	ug/l #	44
29) Tetrahydrofuran	7.22	42	544	0.37	ug/l #	30
31) Cyclohexane	7.66	56	11482	0.88	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	43958	4.09	ug/l #	47
38) Carbon Tetrachloride	7.66	117	62458	5.37	ug/l #	16
43) Isopropyl Acetate	8.31	43	36813	3.95	ug/l #	58
51) 4-Methyl-2-Pentanone	9.99	43	1312	0.26	ug/l #	33
59) 2-Hexanone	10.75	43	2002	0.59	ug/l	85
74) N-amyl acetate	12.07	43	1556	0.28	ug/l #	67
76) 1,2,3-Trichloropropane	12.40	75	185018	35.96	ug/l #	100
77) Bromobenzene	12.53	156	1457	0.20	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.40	75	185018	124.50	ug/l #	14
82) 4-Chlorotoluene	12.77	91	4088	0.24	ug/l	91
87) 1,3-Dichlorobenzene	13.28	146	3888	0.32	ug/l	94
88) 1,4-Dichlorobenzene	13.28	146	3888	0.33	ug/l	94
89) n-Butylbenzene	13.62	91	4219	0.25	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	3333	0.28	ug/l	92
93) 1,2,4-Trichlorobenzene	14.91	180	3818	0.71	ug/l	94
94) Hexachlorobutadiene	15.01	225	3718	0.82	ug/l	96
95) Naphthalene	15.13	128	8124	0.86	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.32	180	4960	0.93	ug/l	95

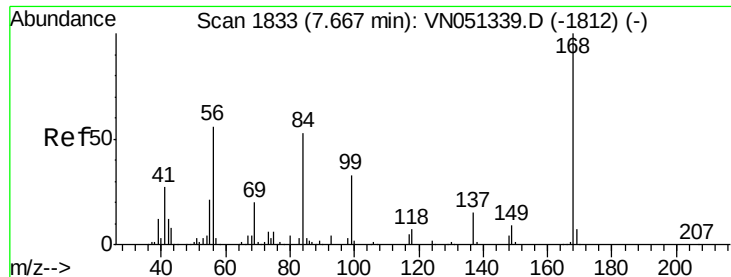
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 21 03:27:45 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

Instrument :

MSVOA_N

ClientSampleId :

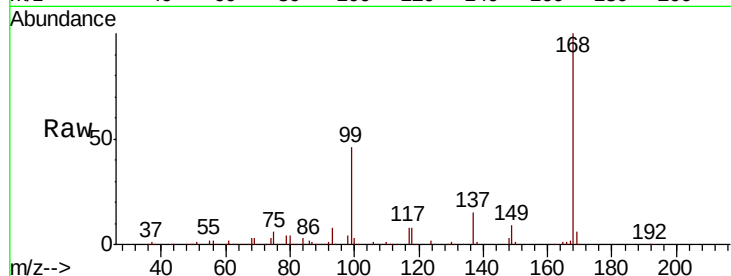
VN0920WBL01

Tot Ion:168 Resp: 746737

Ion Ratio Lower Upper

168 100

99 45.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

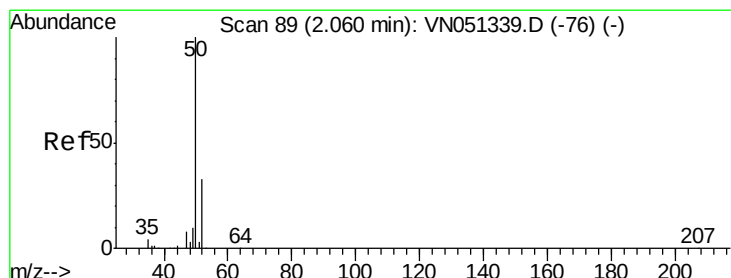
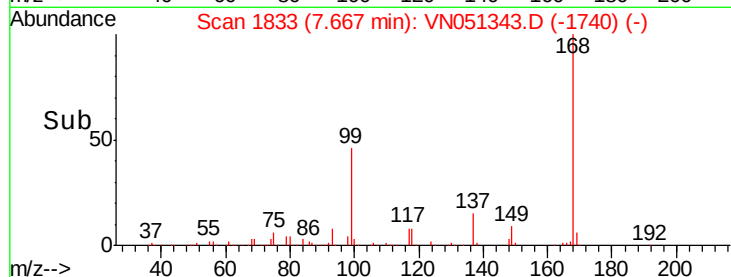
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.23 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051343.D

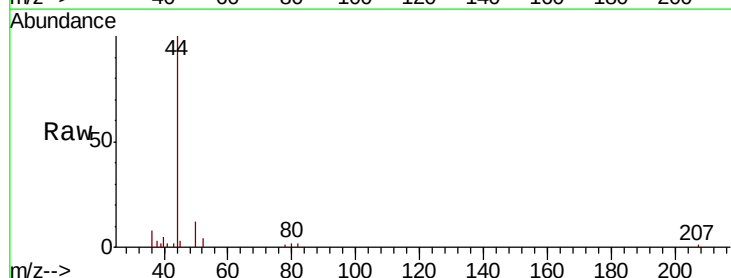
Acq: 20 Sep 2018 16:44

Tgt Ion: 50 Resp: 2004

Ion Ratio Lower Upper

50 100

52 32.7 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

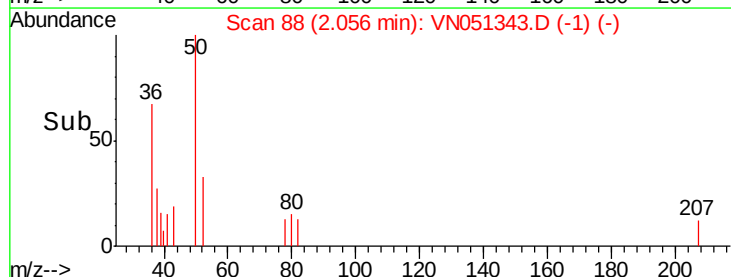
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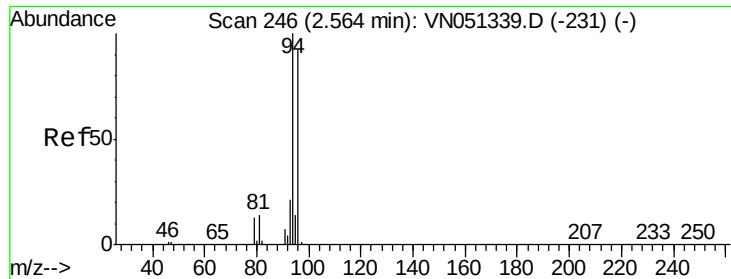
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.37 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

Instrument :

MSVOA_N

ClientSampleId :

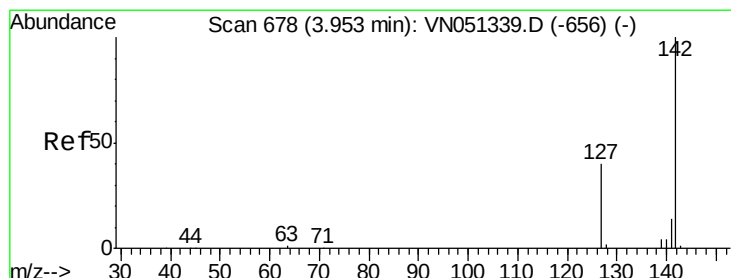
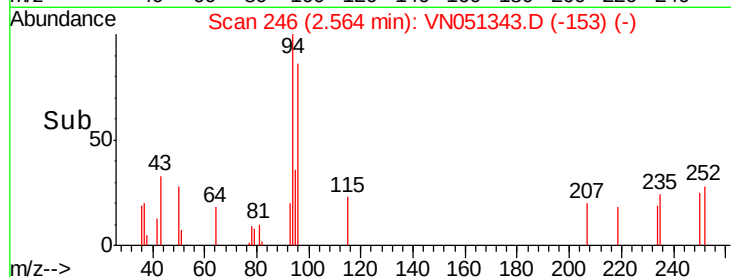
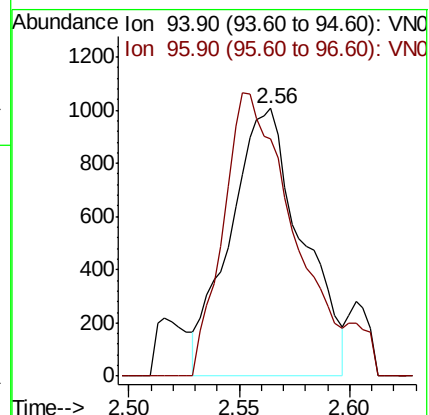
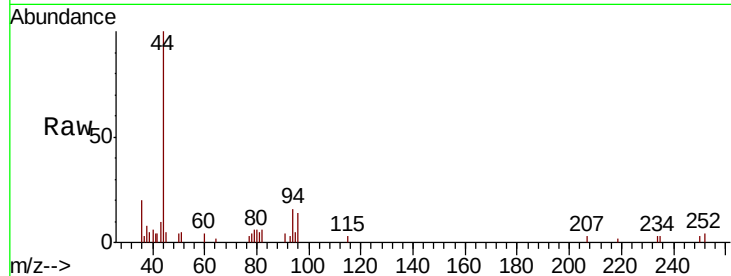
VN0920WBL01

Tot Ion: 94 Resp: 2280

Ion Ratio Lower Upper

94 100

96 105.9 73.8 110.8



#10

Methyl Iodide

Concen: 0.22 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

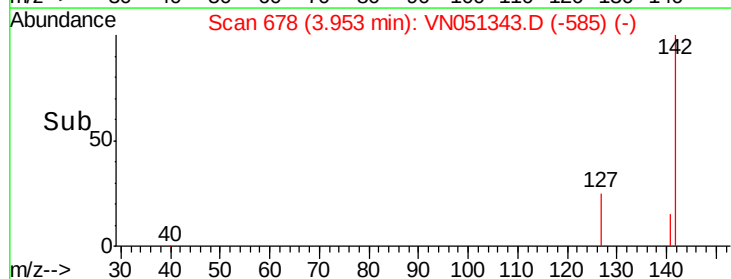
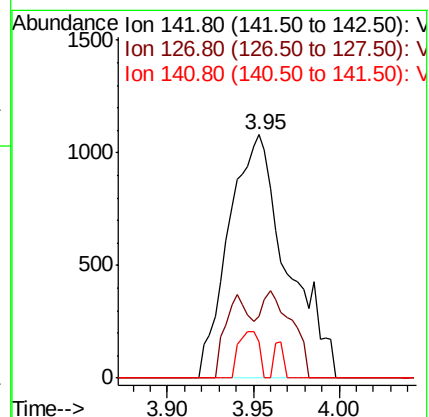
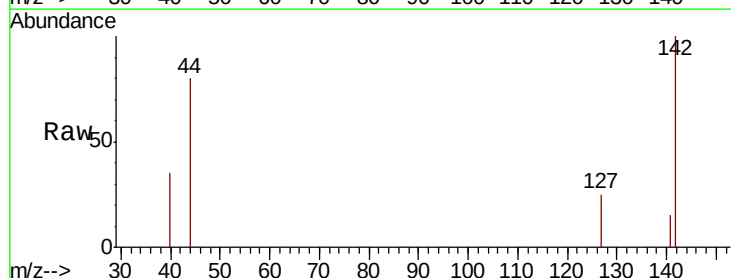
Tgt Ion: 142 Resp: 2560

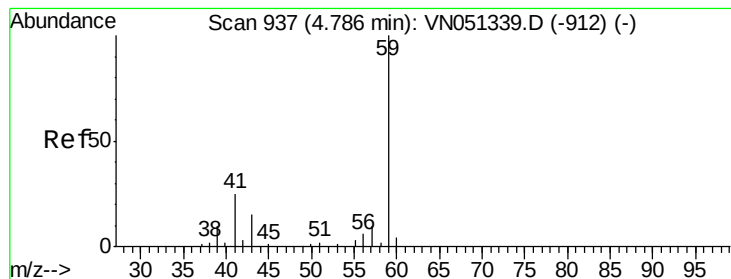
Ion Ratio Lower Upper

142 100

127 14.9 31.9 47.9#

141 6.8 11.4 17.0#



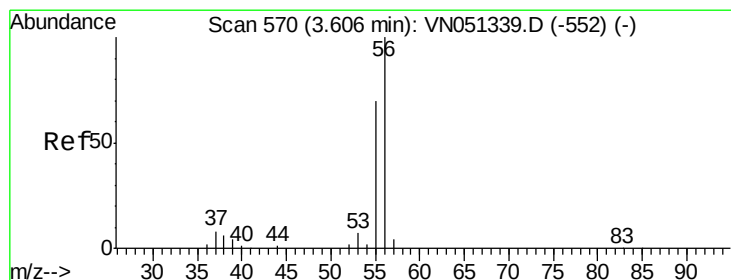
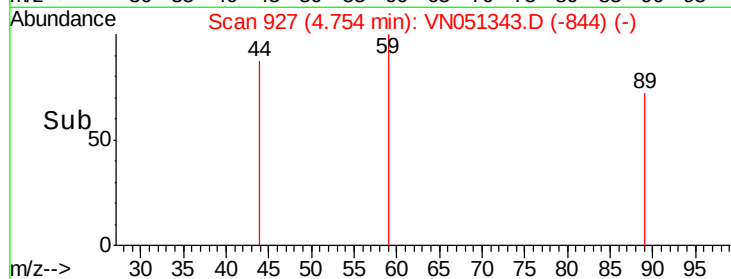
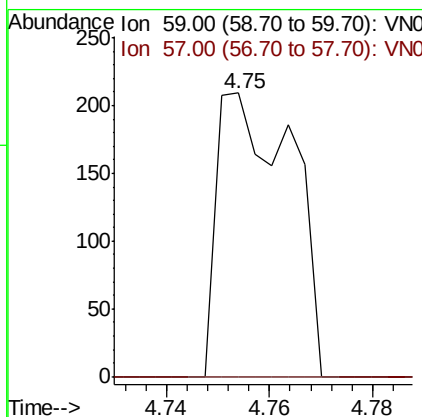
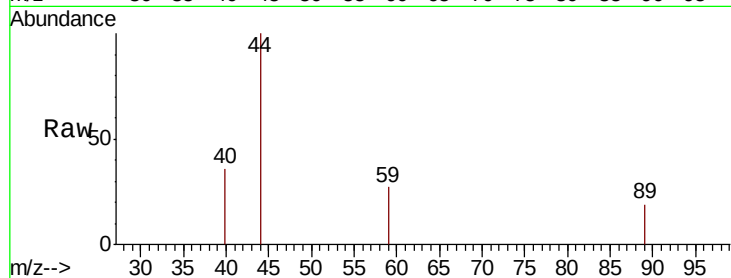


#11

Tert butyl alcohol
 Concen: 0.48 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. -0.03 min
 Lab File: VN051343.D
 Acq: 20 Sep 2018 16:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBL01

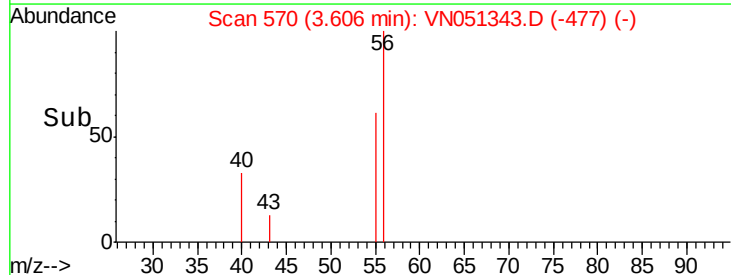
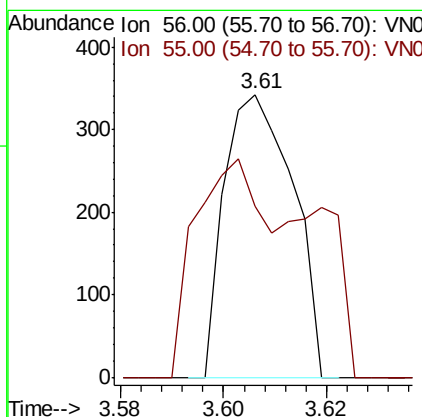
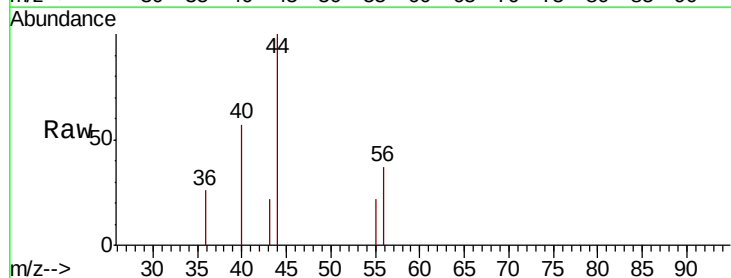
Tot Ion: 59 Resp: 208
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

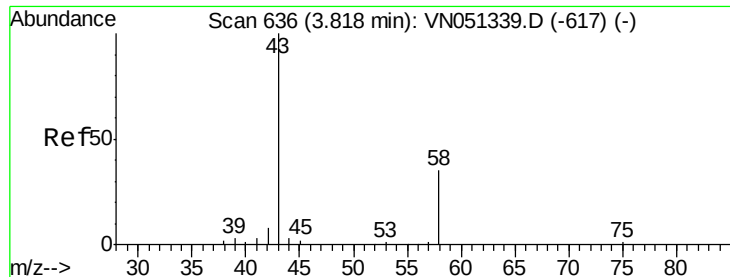


#13

Acrolein
 Concen: 0.64 ug/l
 RT: 3.61 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VN051343.D
 Acq: 20 Sep 2018 16:44

Tgt Ion: 56 Resp: 314
 Ion Ratio Lower Upper
 56 100
 55 79.0 56.5 84.7





#16

Acetone

Concen: 0.82 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

Instrument :

MSVOA_N

ClientSampleId :

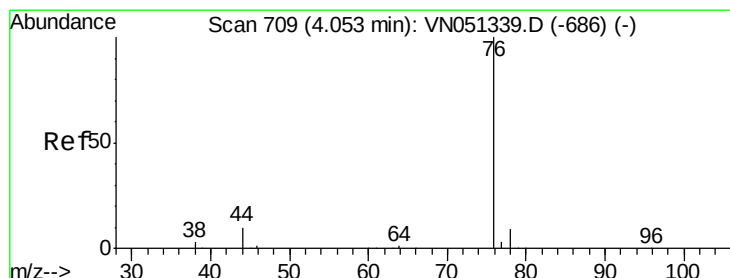
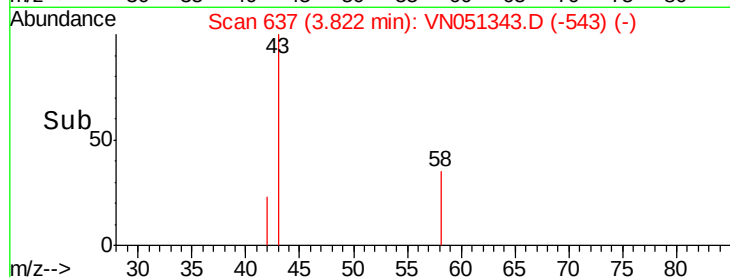
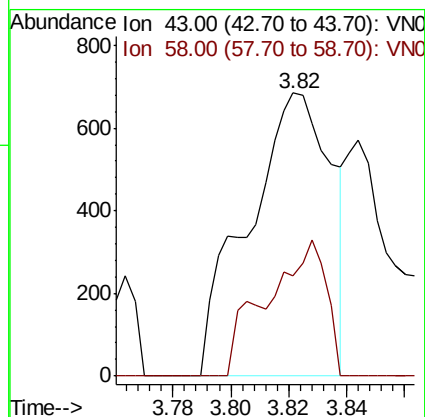
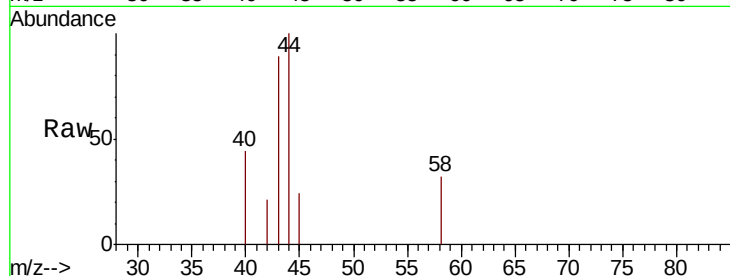
VN0920WBL01

Tot Ion: 43 Resp: 1364

Ion Ratio Lower Upper

43 100

58 35.3 28.3 42.5



#17

Carbon Disulfide

Concen: 0.60 ug/l

RT: 4.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: VN051343.D

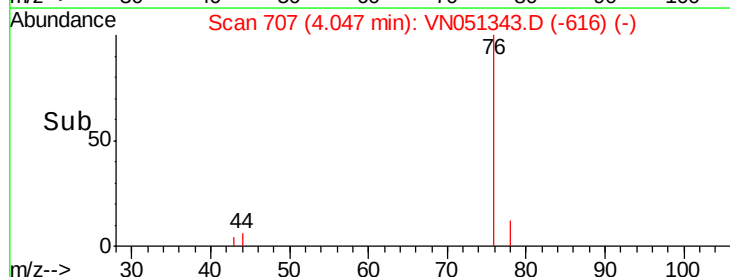
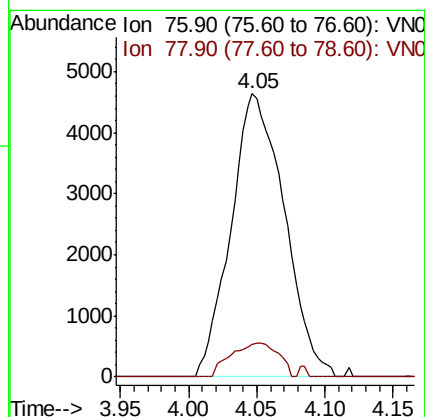
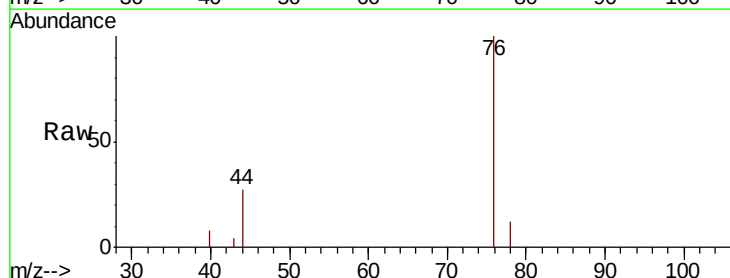
Acq: 20 Sep 2018 16:44

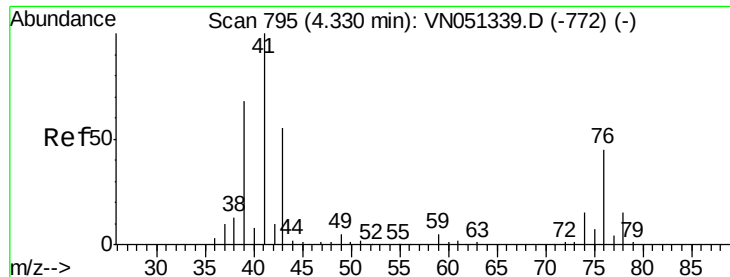
Tgt Ion: 76 Resp: 12594

Ion Ratio Lower Upper

76 100

78 11.5 7.0 10.6#





#18

Methyl Acetate

Concen: 0.66 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.01 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

Instrument :

MSVOA_N

ClientSampleId :

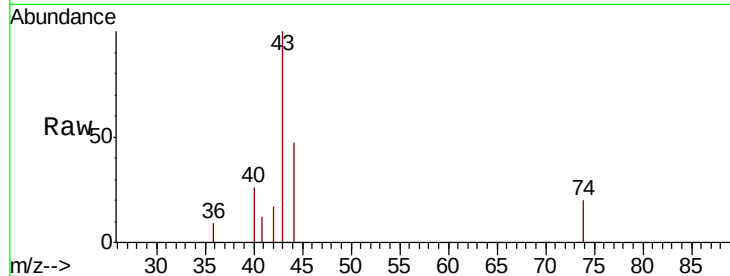
VN0920WBL01

Tot Ion: 43 Resp: 3759

Ion Ratio Lower Upper

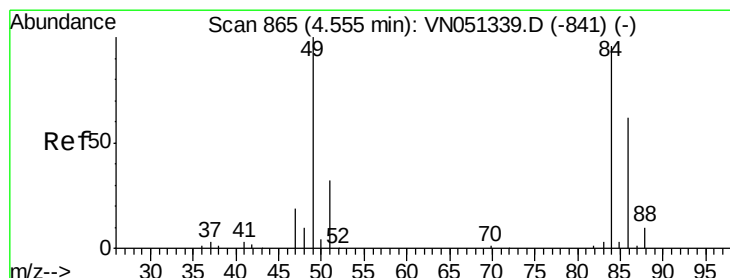
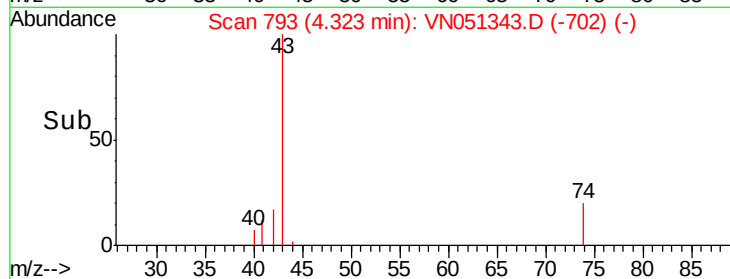
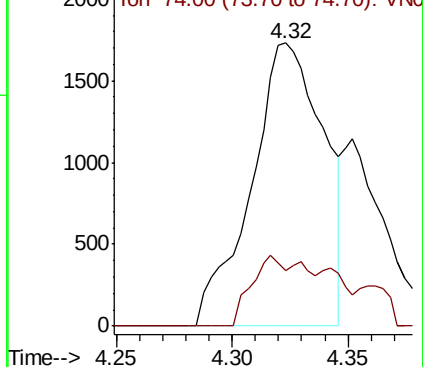
43 100

74 11.6 21.7 32.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 0.21 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.01 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

Tgt Ion: 84 Resp: 1735

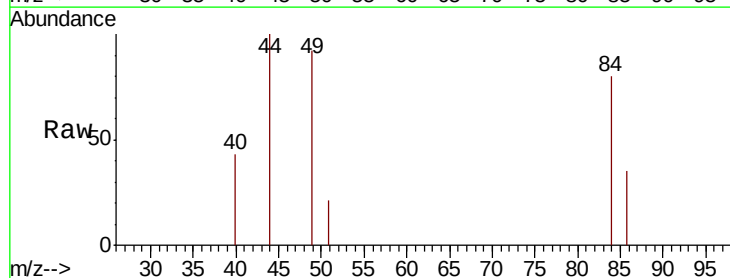
Ion Ratio Lower Upper

84 100

49 115.0 83.2 124.8

51 26.1 26.4 39.6#

86 44.1 51.4 77.0#

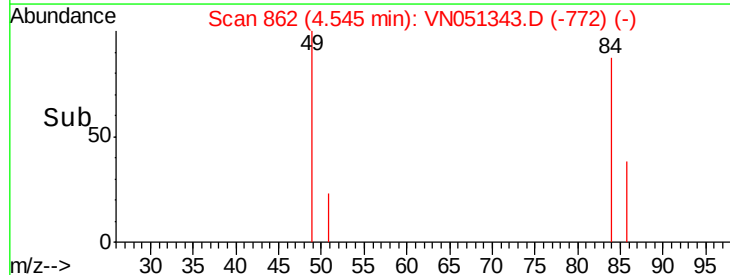
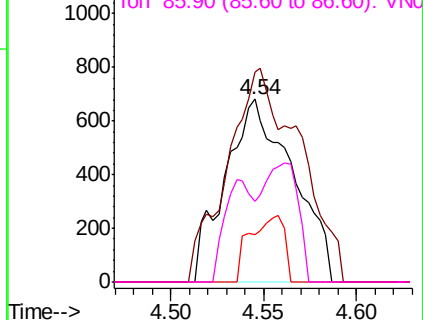


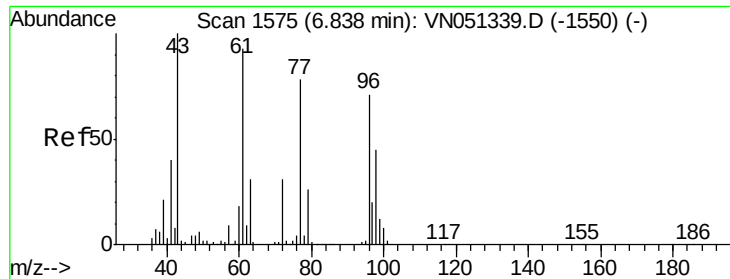
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#25

2-Butanone

Concen: 0.24 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

Instrument :

MSVOA_N

ClientSampleId :

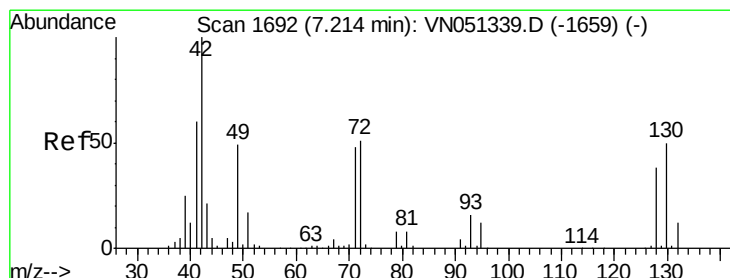
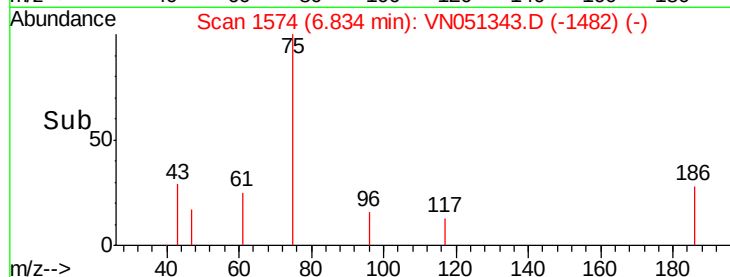
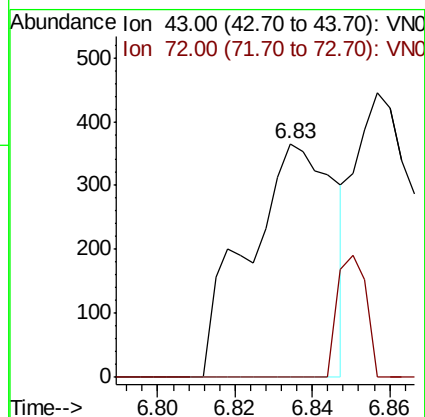
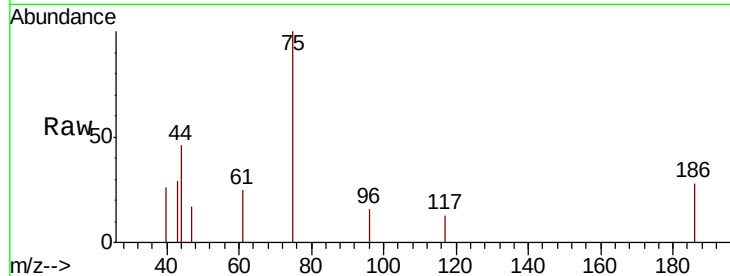
VN0920WBL01

Tot Ion: 43 Resp: 565

Ion Ratio Lower Upper

43 100

72 0.0 24.7 37.1#



#29

Tetrahydrofuran

Concen: 0.37 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

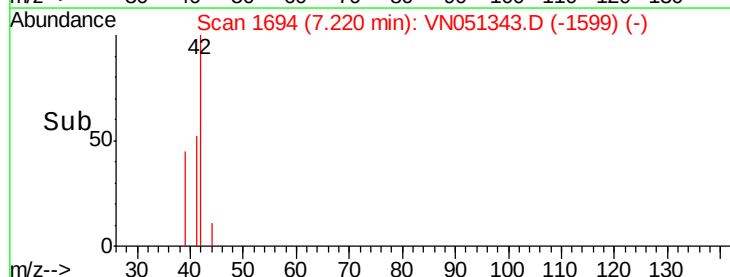
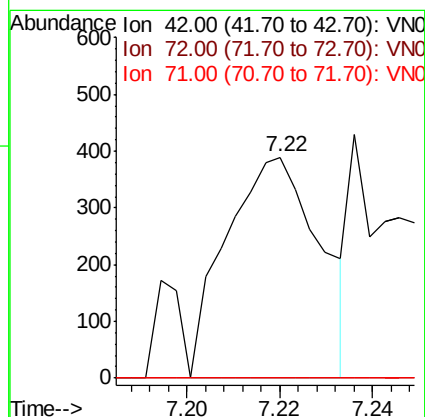
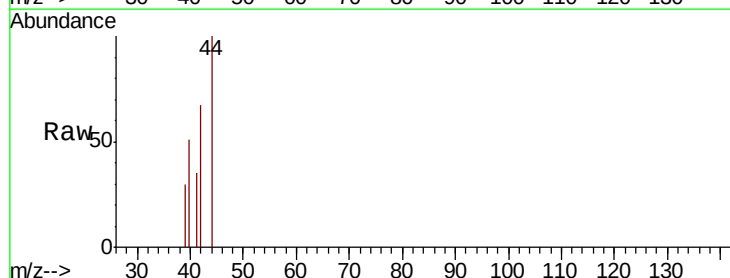
Tgt Ion: 42 Resp: 544

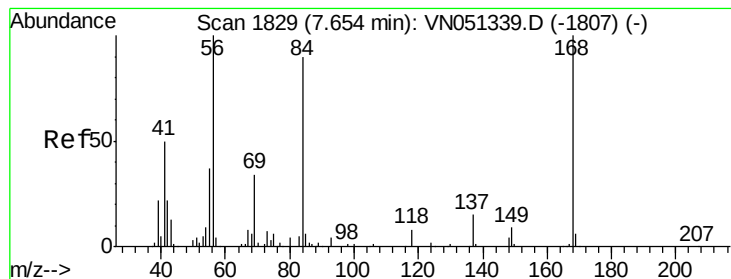
Ion Ratio Lower Upper

42 100

72 0.0 39.0 58.4#

71 0.0 36.5 54.7#





#31

Cyclohexane

Concen: 0.88 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

Instrument :

MSVOA_N

ClientSampled :

VN0920WBL01

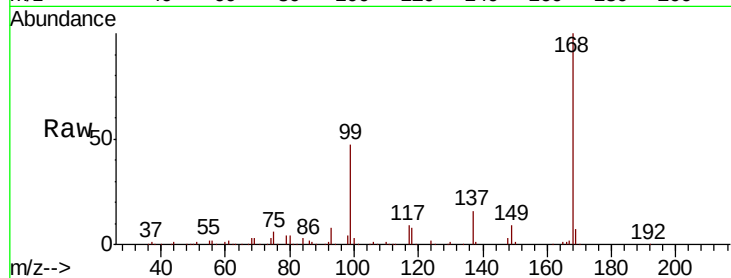
Tot Ion: 56 Resp: 11482

Ion Ratio Lower Upper

56 100

69 196.7 27.3 40.9#

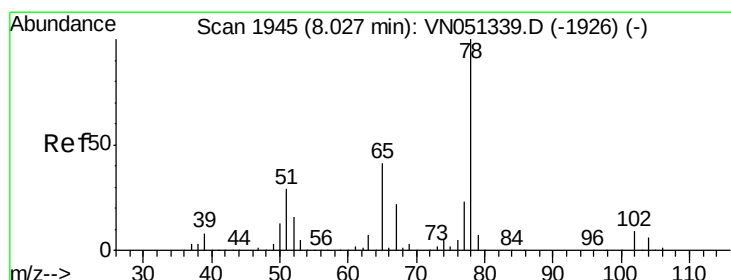
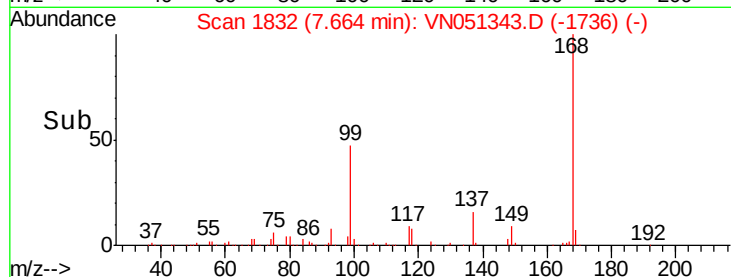
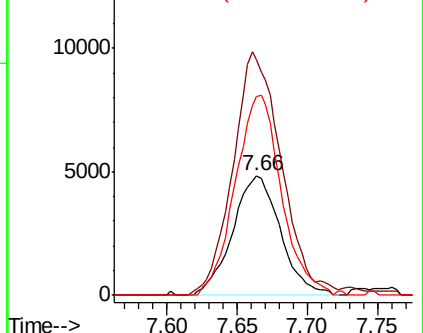
84 166.3 72.2 108.2#



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: 48.17 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051343.D

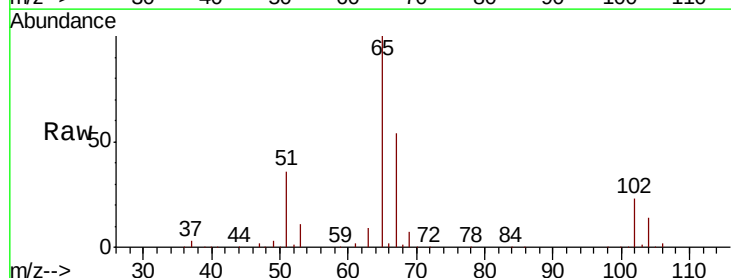
Acq: 20 Sep 2018 16:44

Tgt Ion: 65 Resp: 389860

Ion Ratio Lower Upper

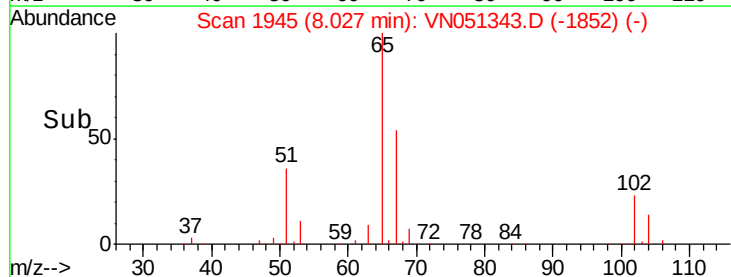
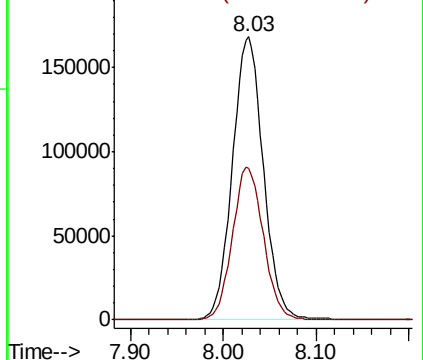
65 100

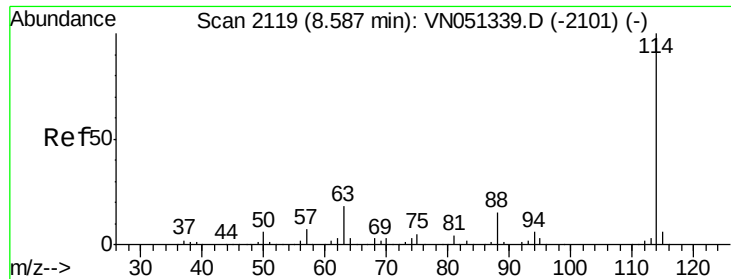
67 54.3 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

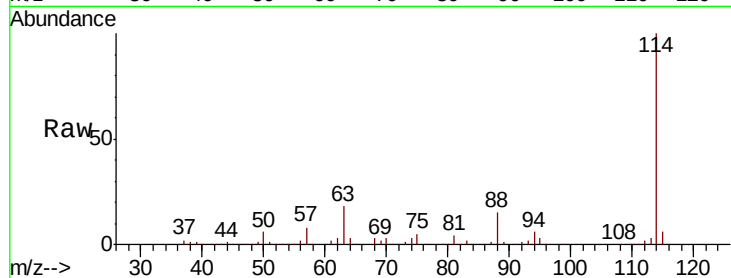




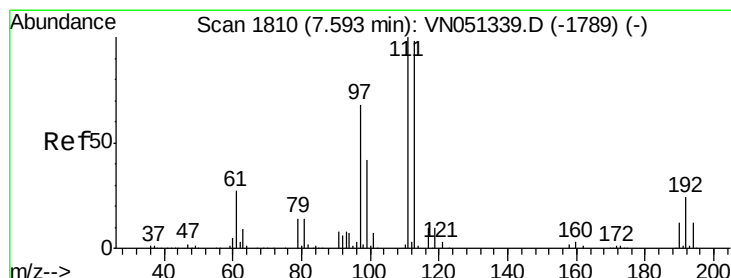
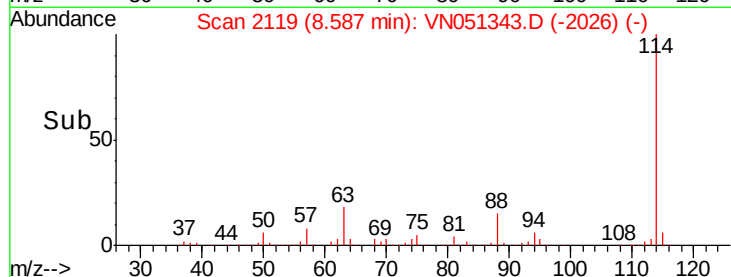
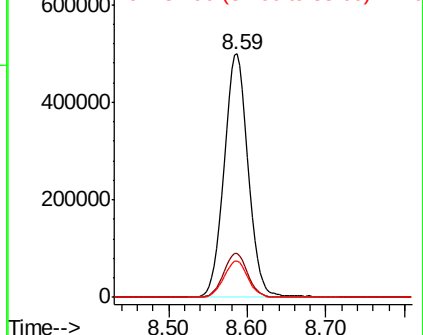
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051343.D
 Acq: 20 Sep 2018 16:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBL01

Tot Ion:114 Resp: 1051440
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.6
 88 14.8 0.0 29.8

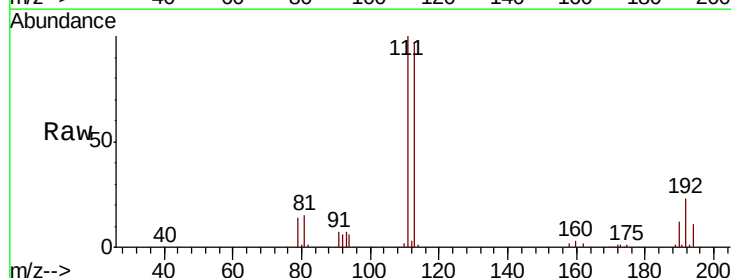


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

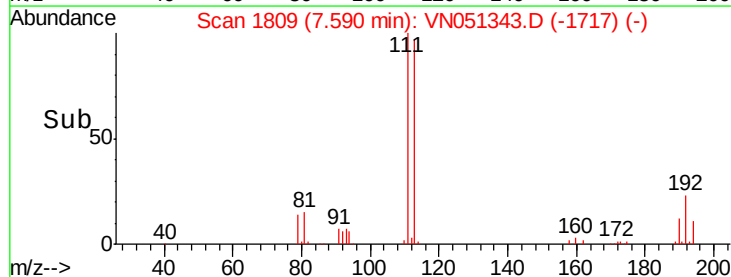
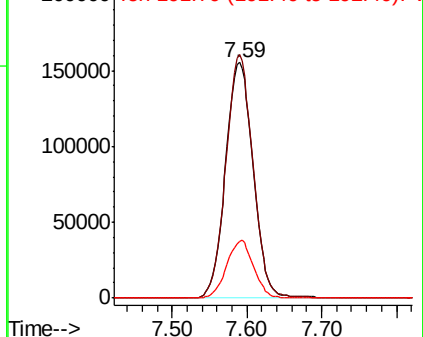


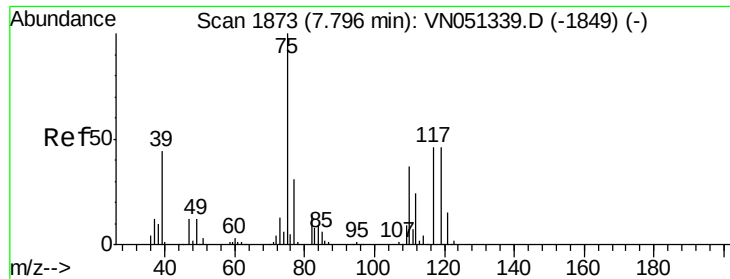
#35
 Dibromofluoromethane
 Concen: 46.96 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051343.D
 Acq: 20 Sep 2018 16:44

Tgt Ion:113 Resp: 399033
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.9 122.9
 192 23.8 19.8 29.6



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

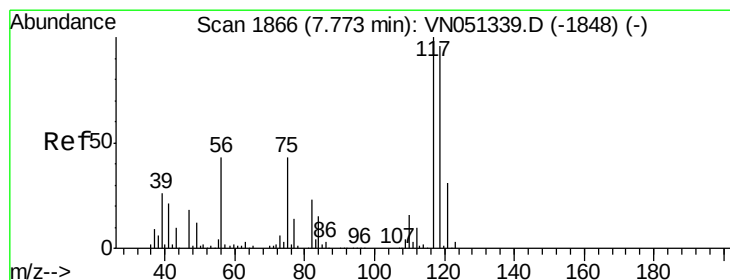
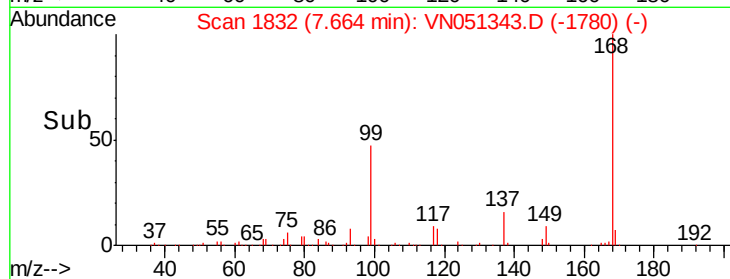
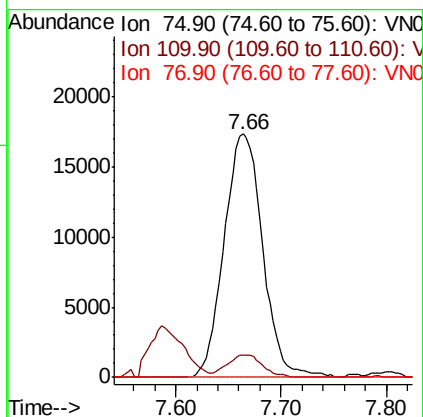
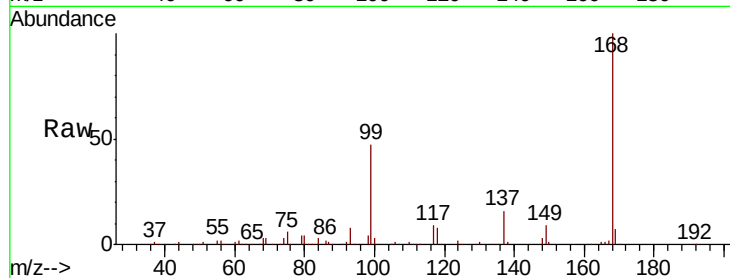




#36
 1,1-Dichloropropene
 Concen: 4.09 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051343.D
 Acq: 20 Sep 2018 16:44

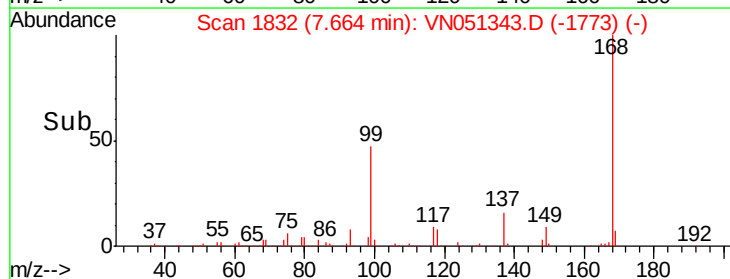
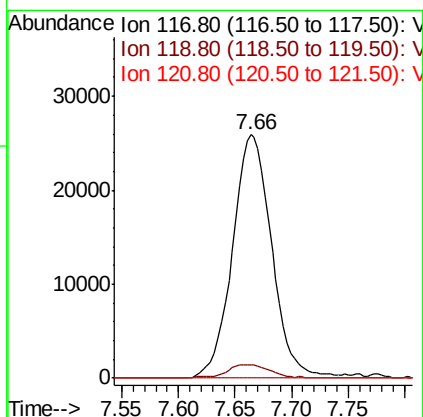
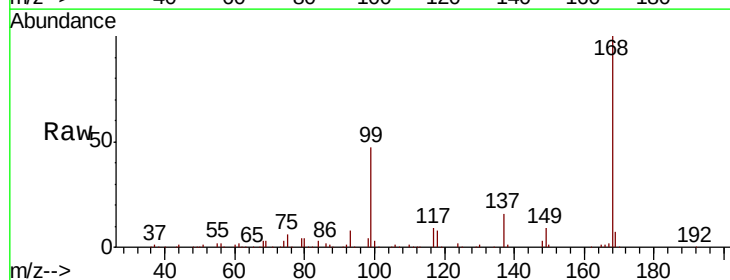
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBL01

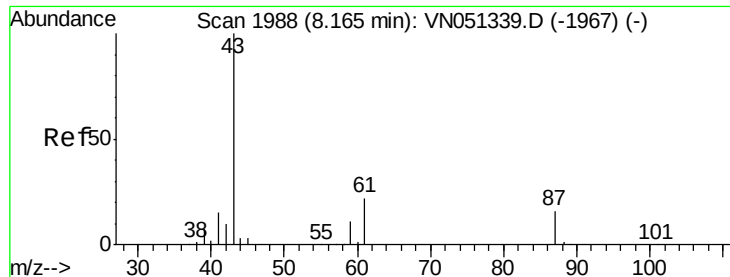
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	18.9	56.5#
77	0.0	25.4	38.2#



#38
 Carbon Tetrachloride
 Concen: 5.37 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN051343.D
 Acq: 20 Sep 2018 16:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.0	115.4#
121	0.0	25.0	37.4#





#43

Isopropyl Acetate

Concen: 3.95 ug/l

RT: 8.31 min Scan# 2033

Delta R.T. 0.14 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBL01

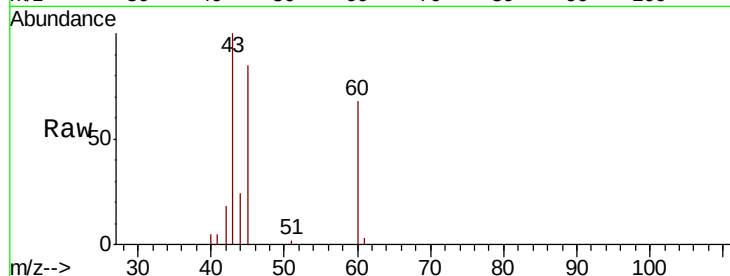
Tot Ion: 43 Resp: 36813

Ion Ratio Lower Upper

43 100

61 0.7 18.1 27.1#

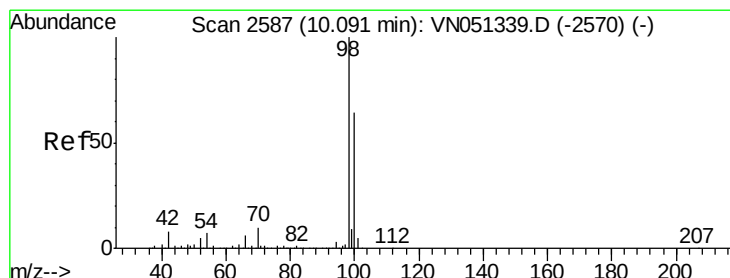
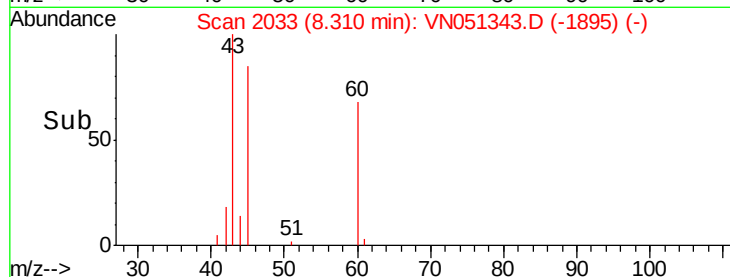
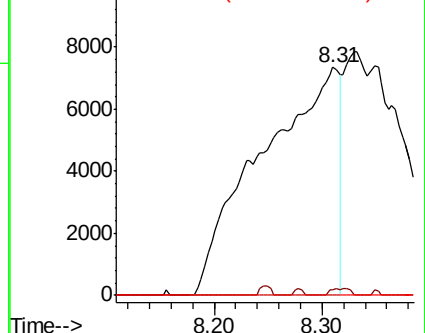
87 0.0 12.8 19.2#



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



#50

Toluene-d8

Concen: 44.36 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051343.D

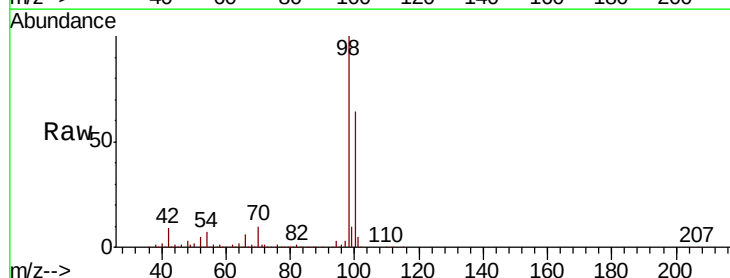
Acq: 20 Sep 2018 16:44

Tgt Ion: 98 Resp: 1449171

Ion Ratio Lower Upper

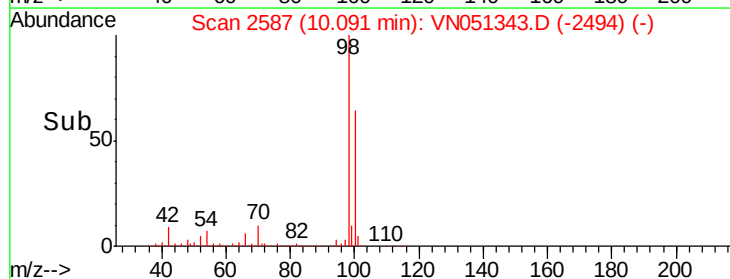
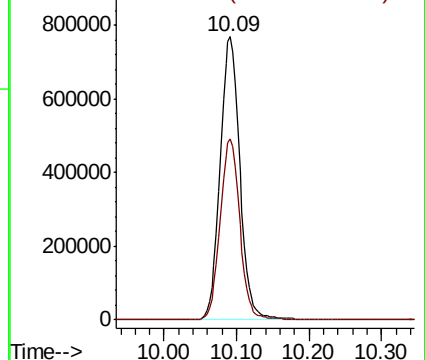
98 100

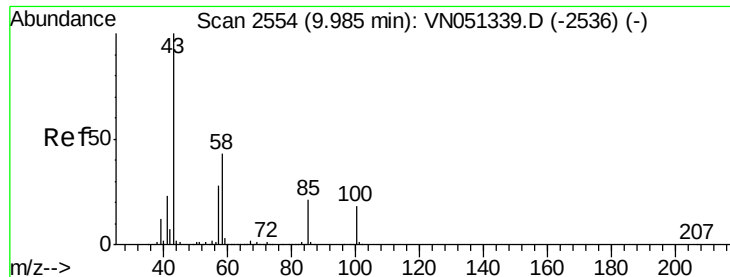
100 64.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

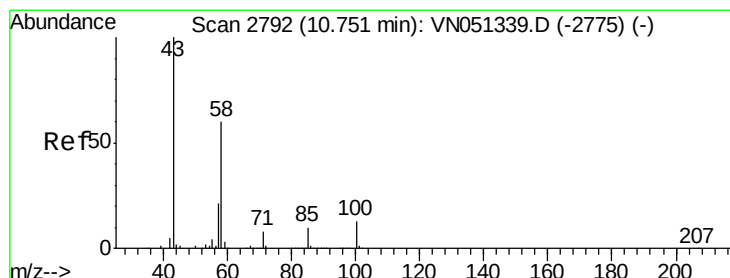
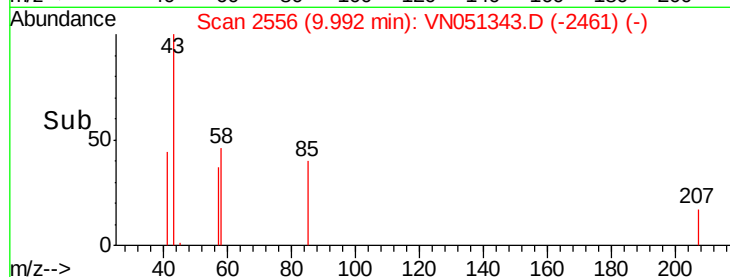
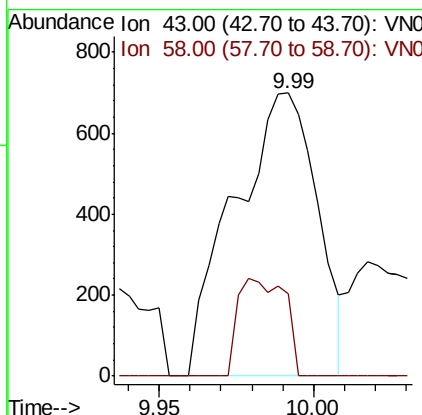
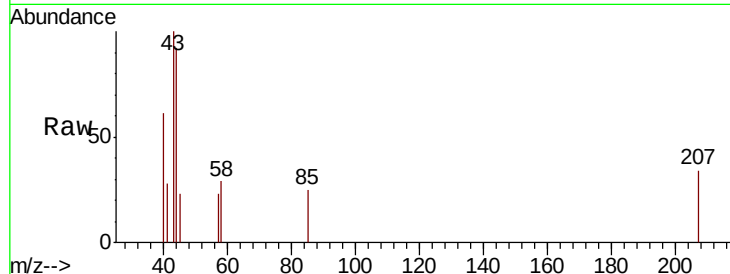




#51
 4-Methyl-2-Pentanone
 Concen: 0.26 ug/l
 RT: 9.99 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: VN051343.D
 Acq: 20 Sep 2018 16:44

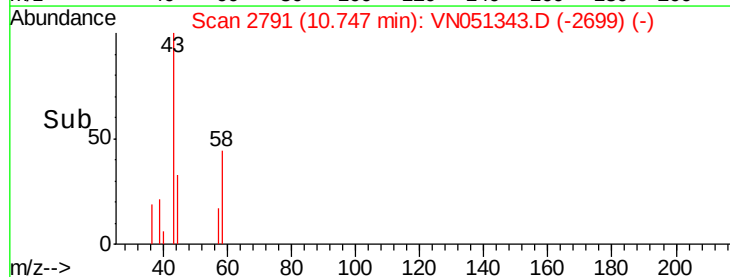
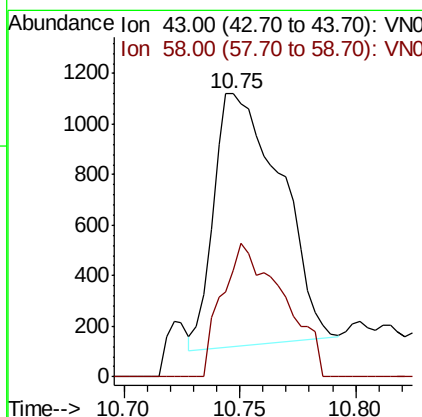
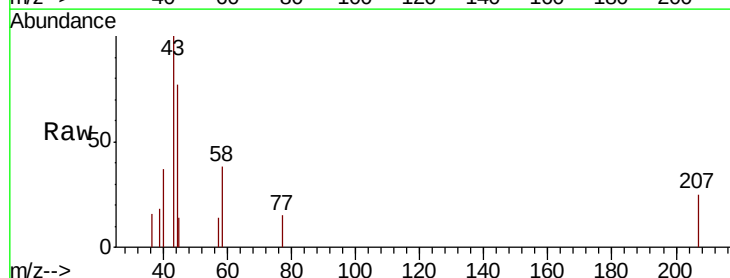
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBL01

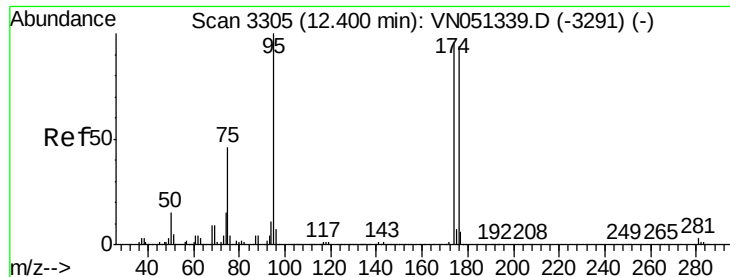
Tot Ion: 43 Resp: 1312
 Ion Ratio Lower Upper
 43 100
 58 0.0 34.2 51.4#



#59
 2-Hexanone
 Concen: 0.59 ug/l
 RT: 10.75 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: VN051343.D
 Acq: 20 Sep 2018 16:44

Tgt Ion: 43 Resp: 2002
 Ion Ratio Lower Upper
 43 100
 58 48.4 29.9 89.8

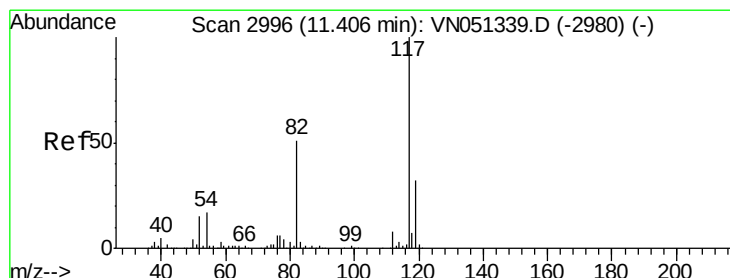
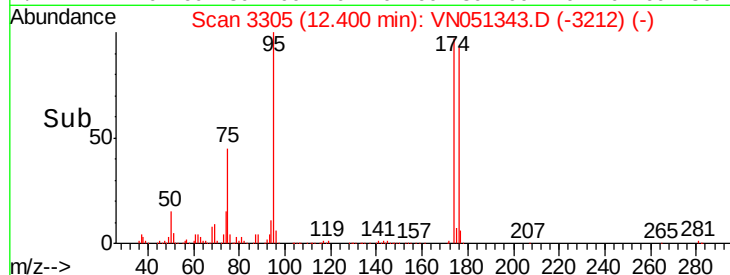
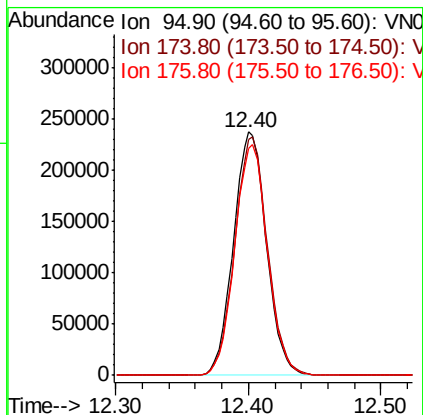
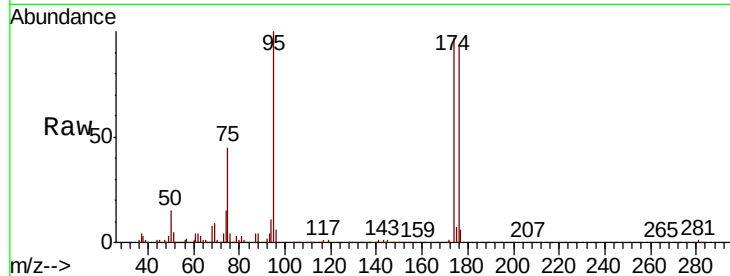




#62
4-Bromofluorobenzene
Concen: 38.44 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051343.D
Acq: 20 Sep 2018 16:44

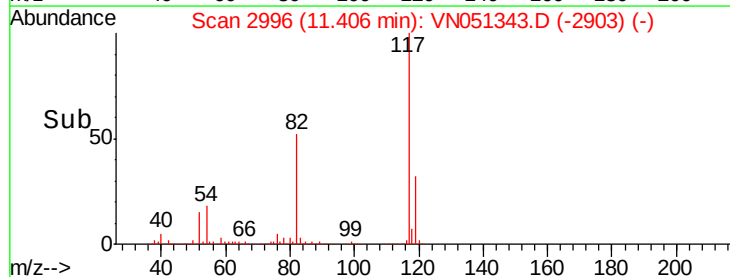
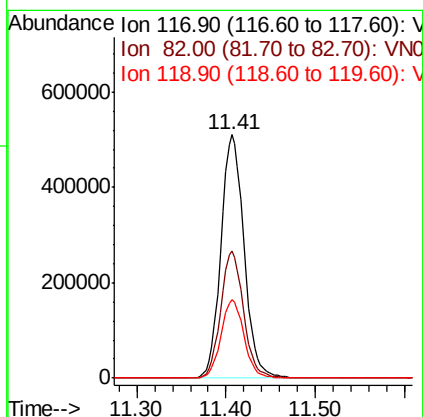
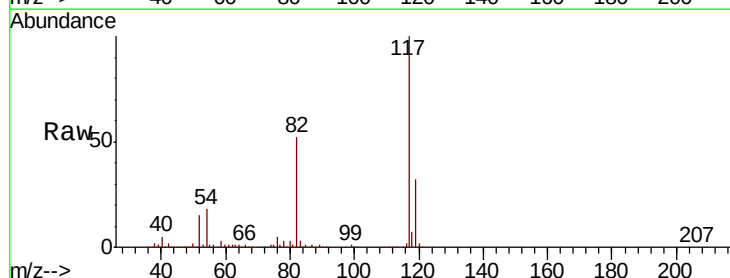
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBL01

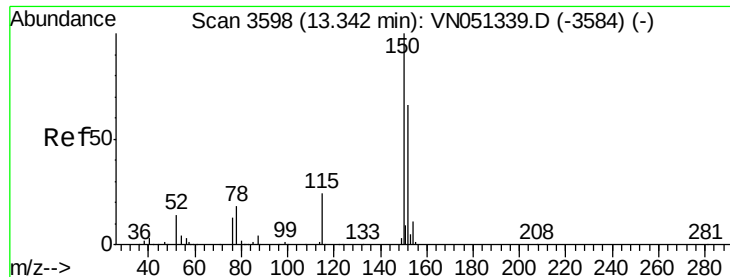
Tot Ion: 95 Resp: 408544
Ion Ratio Lower Upper
95 100
174 97.6 0.0 194.6
176 94.4 0.0 189.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051343.D
Acq: 20 Sep 2018 16:44

Tgt Ion: 117 Resp: 914866
Ion Ratio Lower Upper
117 100
82 52.0 40.7 61.1
119 32.2 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBL01

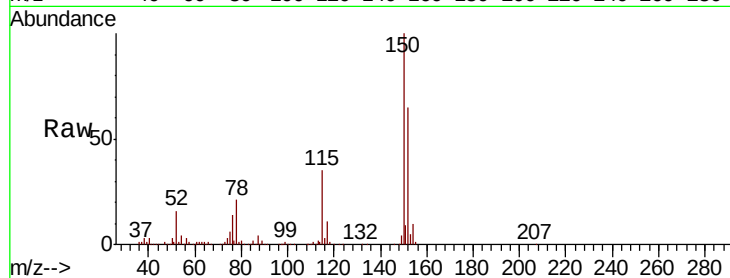
Tot Ion:152 Resp: 356255

Ion Ratio Lower Upper

152 100

115 54.1 26.9 80.7

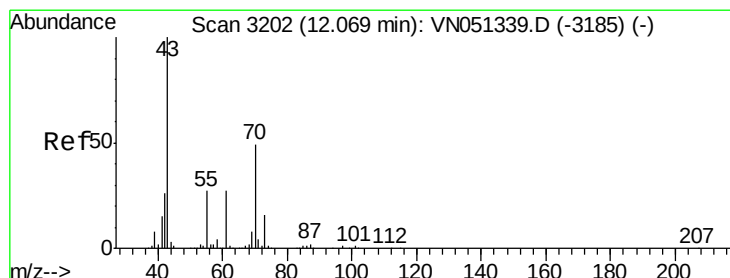
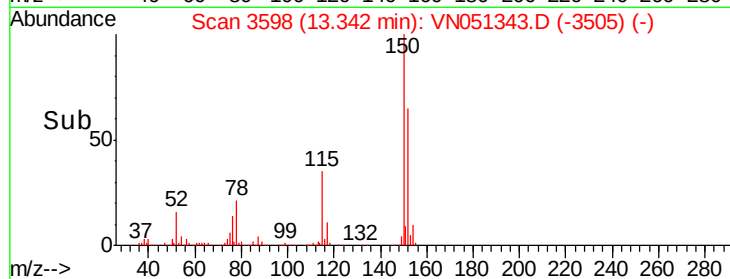
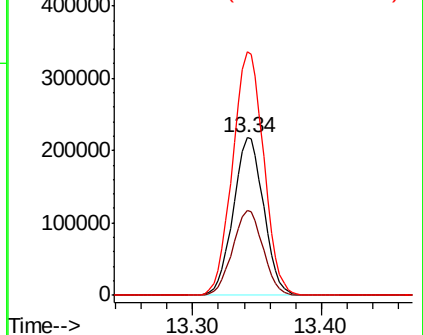
150 158.6 0.0 345.0



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



#74

N-ethyl acetate

Concen: 0.28 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

Tgt Ion: 43 Resp: 1556

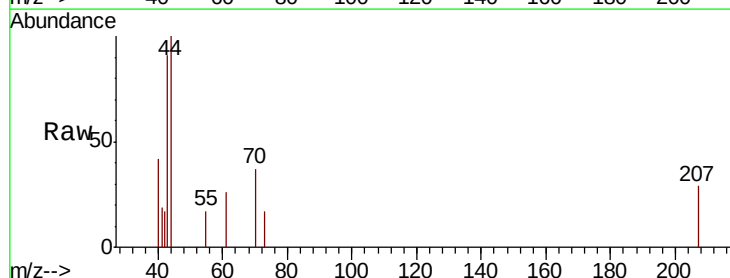
Ion Ratio Lower Upper

43 100

70 29.2 39.5 59.3#

55 9.3 22.6 34.0#

61 8.0 21.5 32.3#

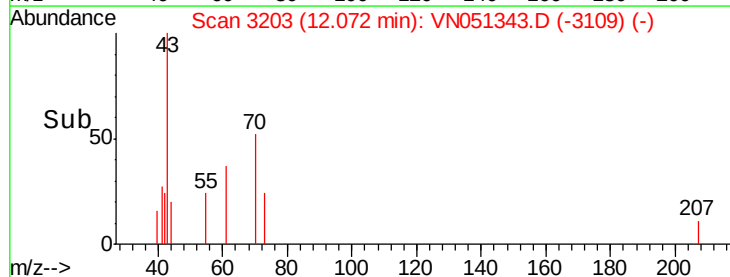
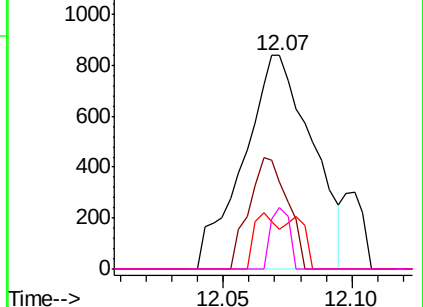


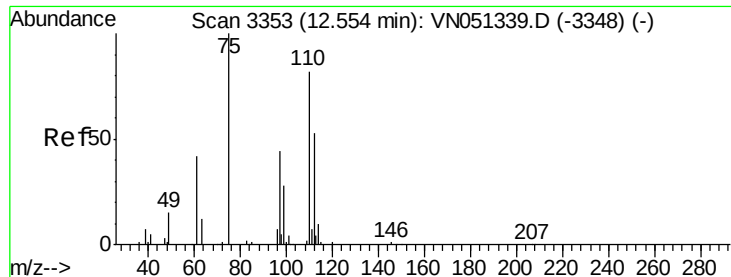
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 35.96 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

Instrument :

MSVOA_N

ClientSampleId :

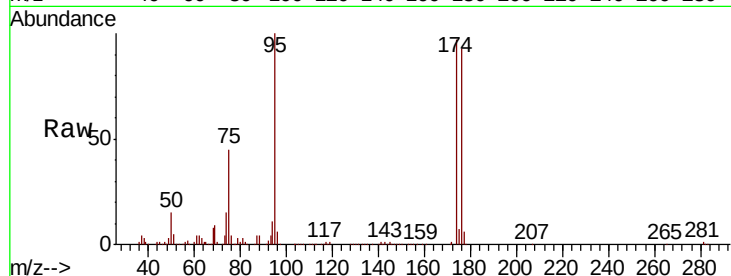
VN0920WBL01

Tot Ion: 75 Resp: 185018

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

120000

100000

80000

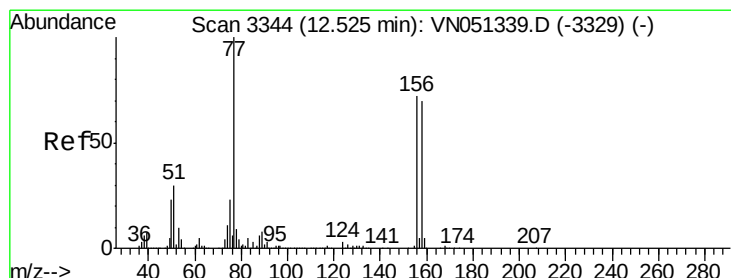
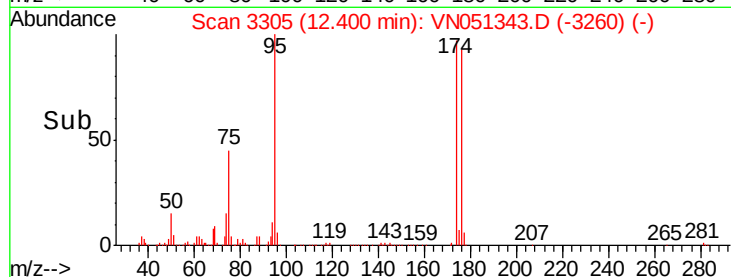
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#77

Bromobenzene

Concen: 0.20 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

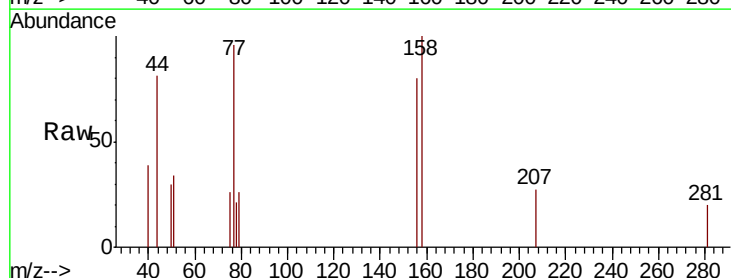
Tgt Ion: 156 Resp: 1457

Ion Ratio Lower Upper

156 100

77 175.8 80.8 242.4

158 109.6 48.8 146.3



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

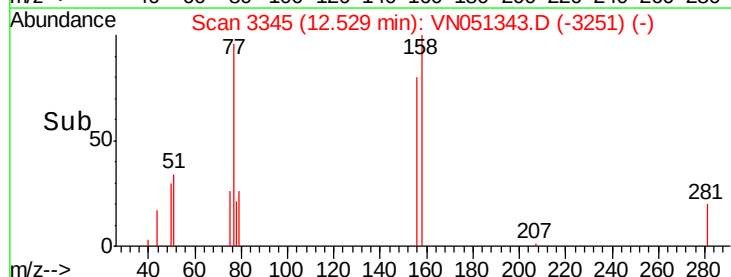
1500

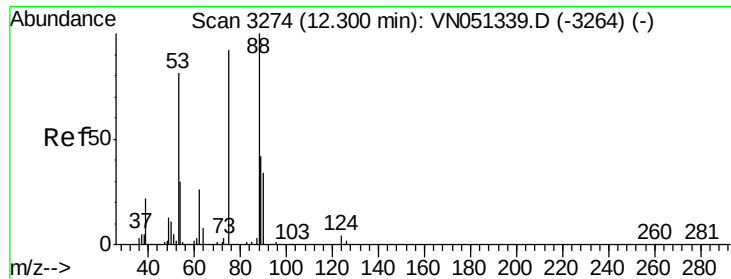
1000

500

0

Time--> 12.50 12.55





#81

trans-1,4-Dichloro-2-butene

Concen: 124.50 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBL01

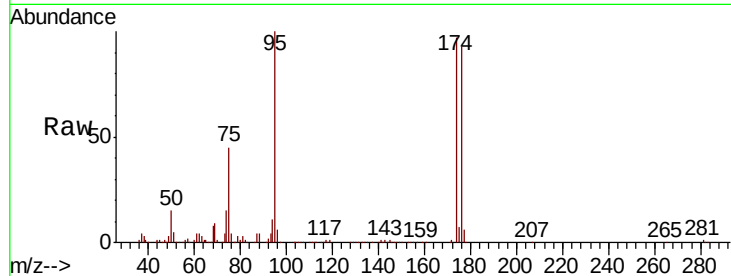
Tot Ion: 75 Resp: 185018

Ion Ratio Lower Upper

75 100

53 0.2 69.9 104.9#

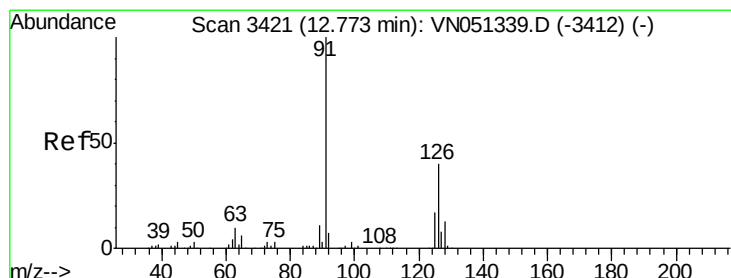
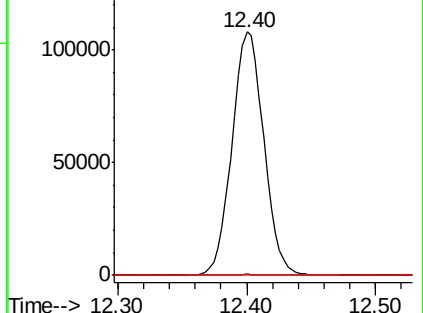
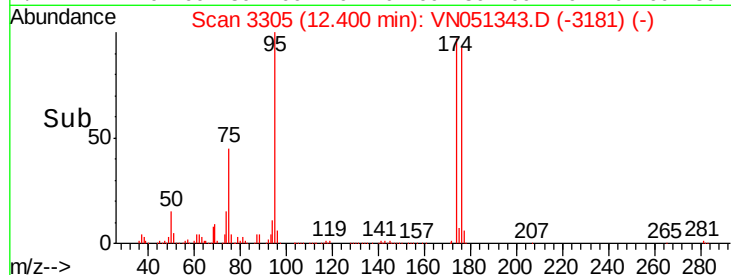
89 0.0 37.9 56.9#



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: 0.24 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051343.D

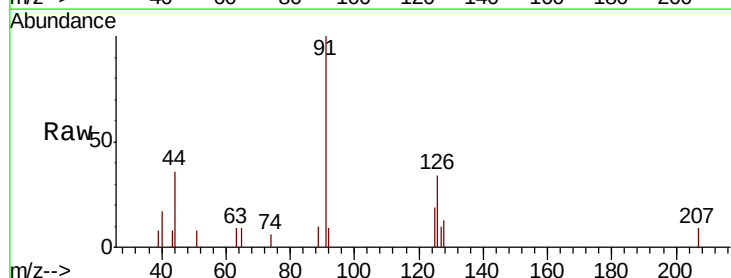
Acq: 20 Sep 2018 16:44

Tgt Ion: 91 Resp: 4088

Ion Ratio Lower Upper

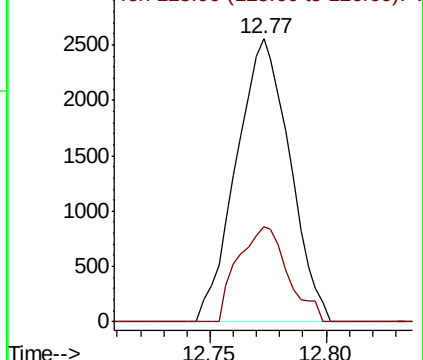
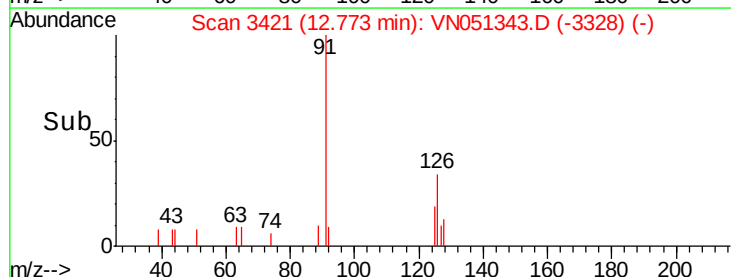
91 100

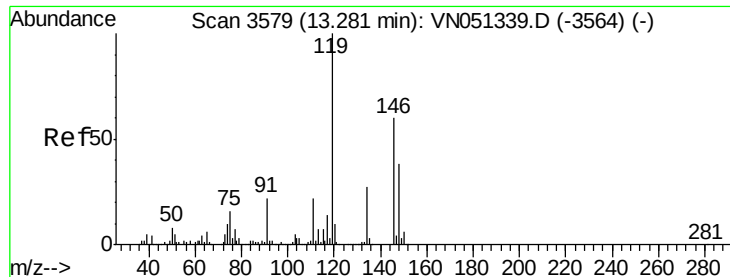
126 31.3 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#87

1,3-Dichlorobenzene

Concen: 0.32 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

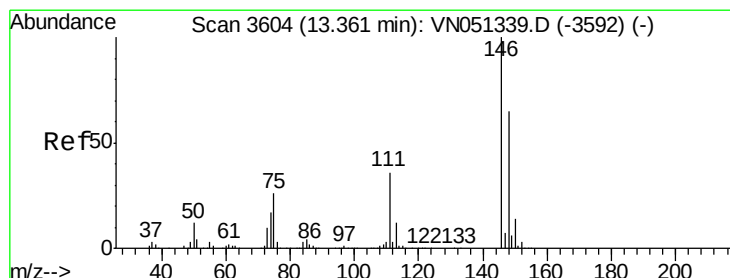
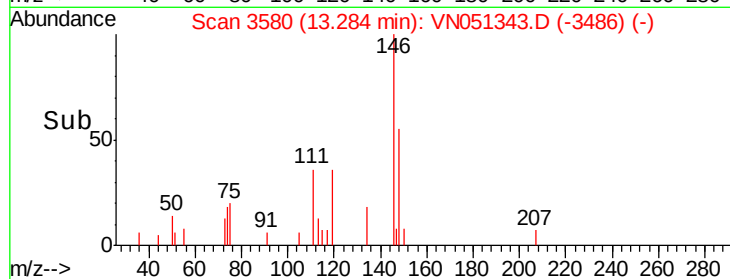
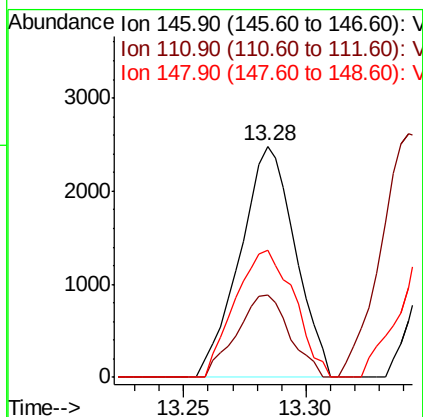
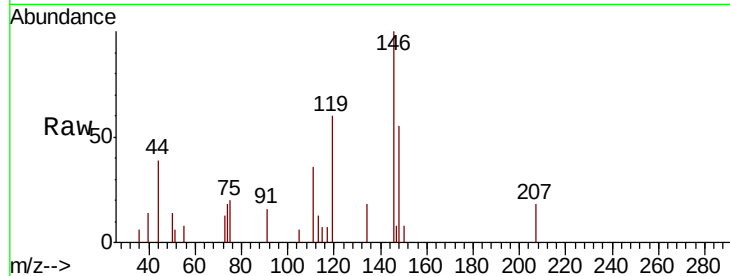
Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBL01

Tot Ion:146 Resp: 3888

Ion	Ratio	Lower	Upper
146	100		
111	34.1	18.6	55.8
148	59.2	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 0.33 ug/l

RT: 13.28 min Scan# 3580

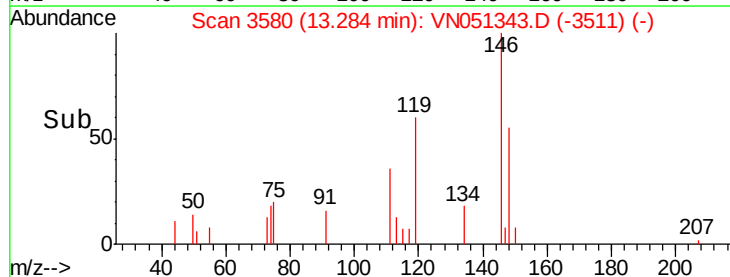
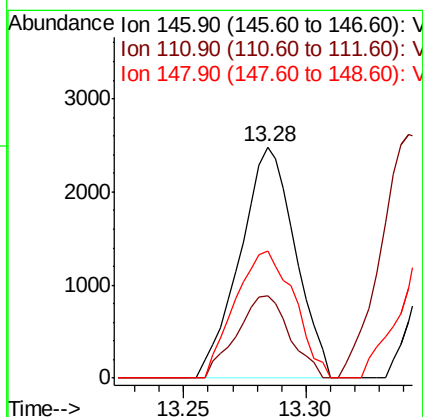
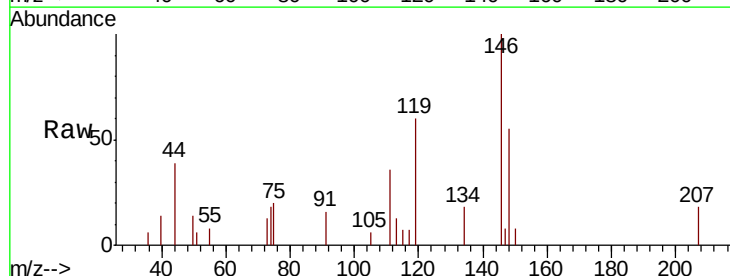
Delta R.T. -0.08 min

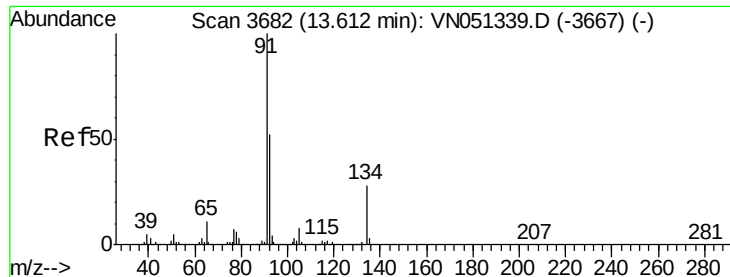
Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

Tgt Ion:146 Resp: 3888

Ion	Ratio	Lower	Upper
146	100		
111	34.1	18.2	54.6
148	59.2	32.5	97.4





#89

n-Butylbenzene

Concen: 0.25 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

Instrument :

MSVOA_N

ClientSampled :

VN0920WBL01

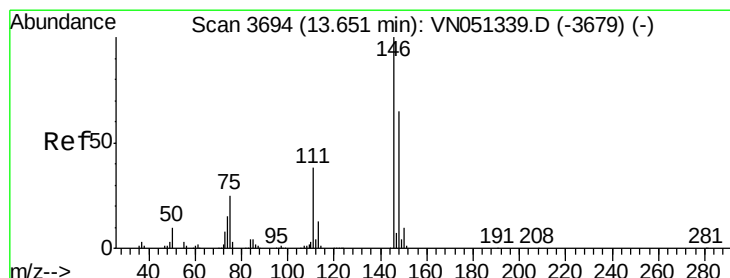
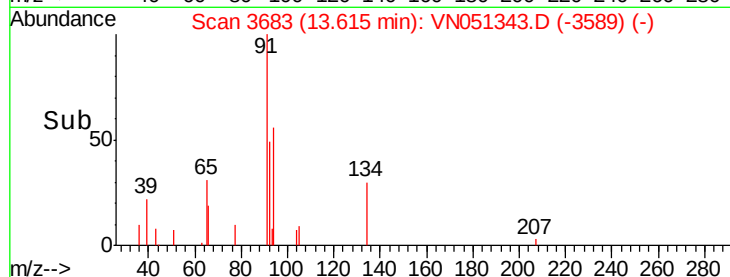
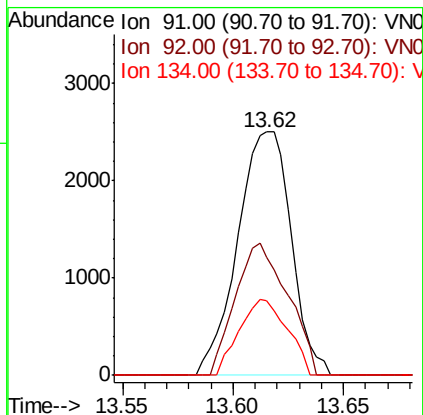
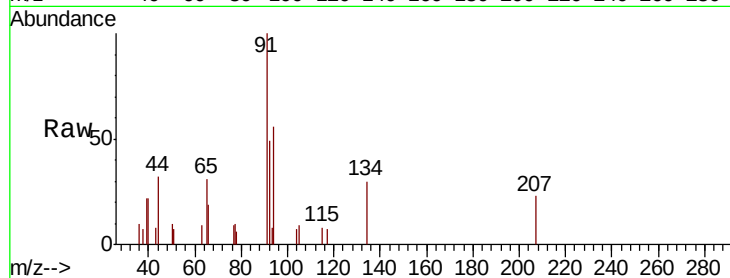
Tot Ion: 91 Resp: 4219

Ion Ratio Lower Upper

91 100

92 53.1 26.0 78.0

134 27.8 14.1 42.4



#91

1,2-Dichlorobenzene

Concen: 0.28 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

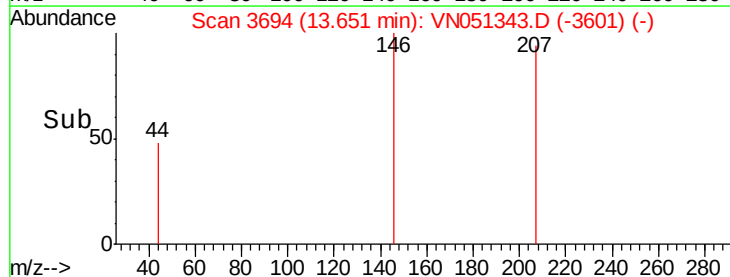
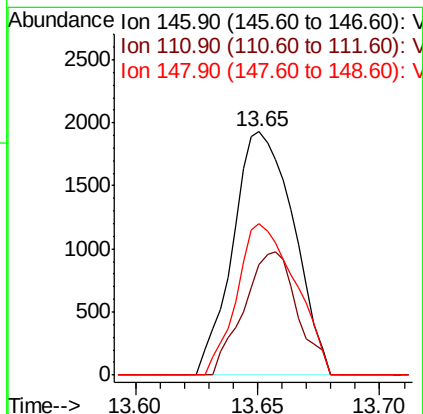
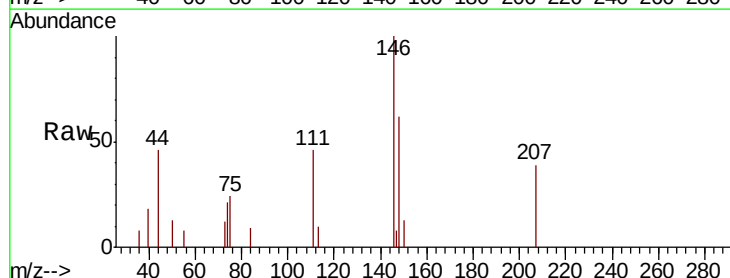
Tgt Ion: 146 Resp: 3333

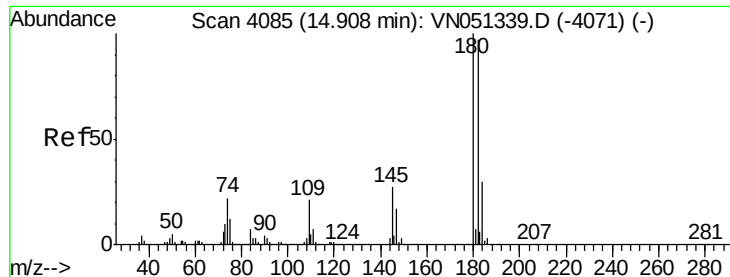
Ion Ratio Lower Upper

146 100

111 44.3 19.3 57.8

148 60.1 32.9 98.7

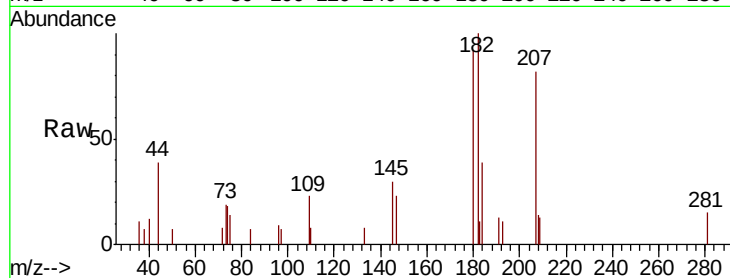




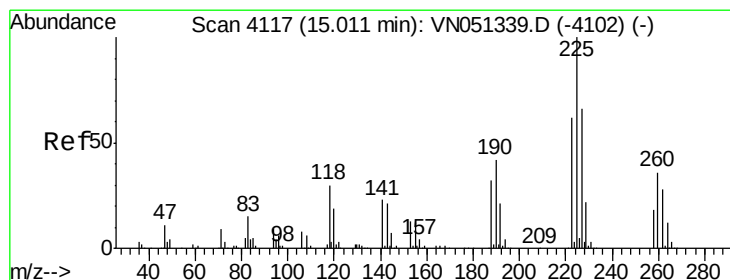
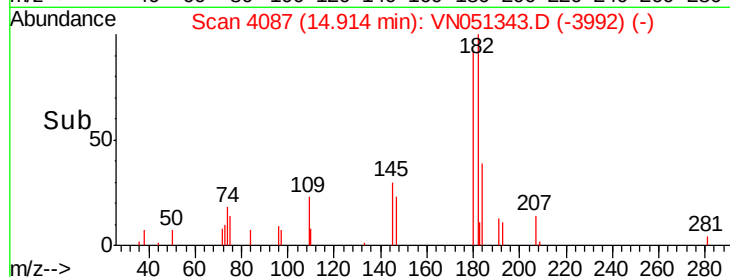
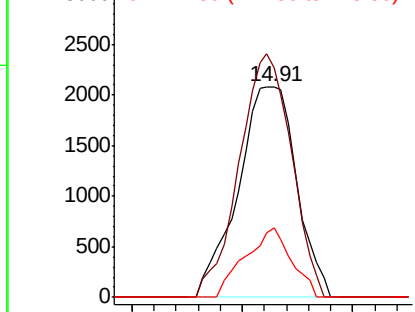
#93
 1,2,4-Trichlorobenzene
 Concen: 0.71 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN051343.D
 Acq: 20 Sep 2018 16:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBL01

Tot Ion:180 Resp: 3818
 Ion Ratio Lower Upper
 180 100
 182 103.2 48.4 145.2
 145 26.1 13.7 41.1

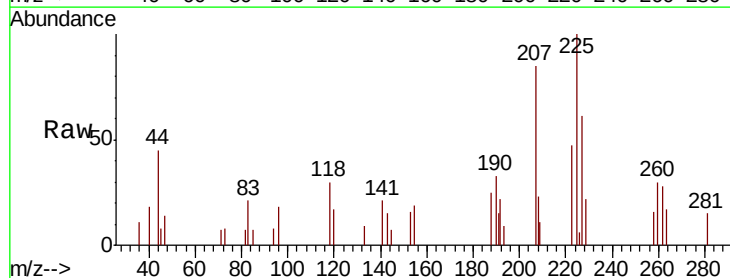


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

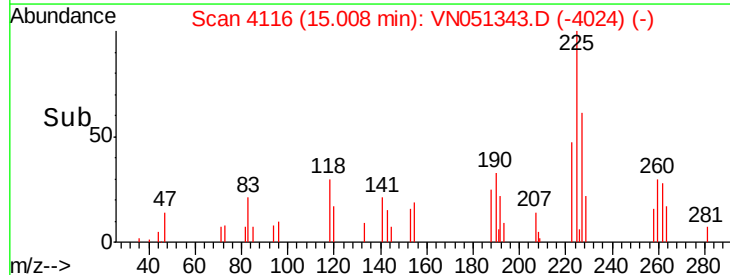
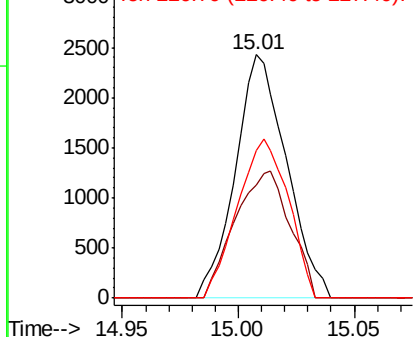


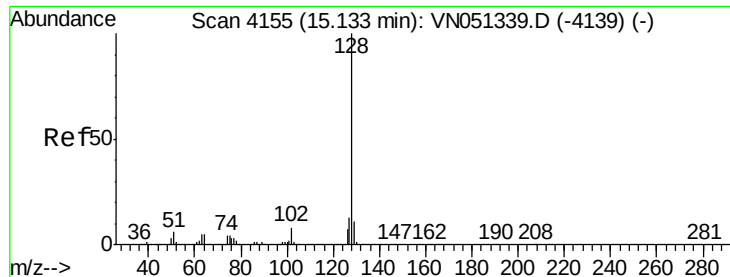
#94
 Hexachlorobutadiene
 Concen: 0.82 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN051343.D
 Acq: 20 Sep 2018 16:44

Tgt Ion:225 Resp: 3718
 Ion Ratio Lower Upper
 225 100
 223 56.3 31.2 93.6
 227 65.2 32.8 98.4



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: 0.86 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

Instrument :

MSVOA_N

ClientSampled :

VN0920WBL01

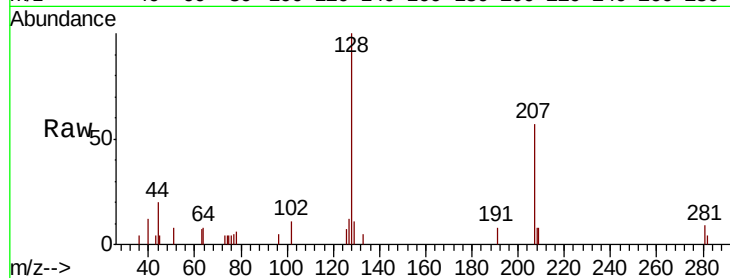
Tot Ion:128 Resp: 8124

Ion Ratio Lower Upper

128 100

127 7.4 10.3 15.5#

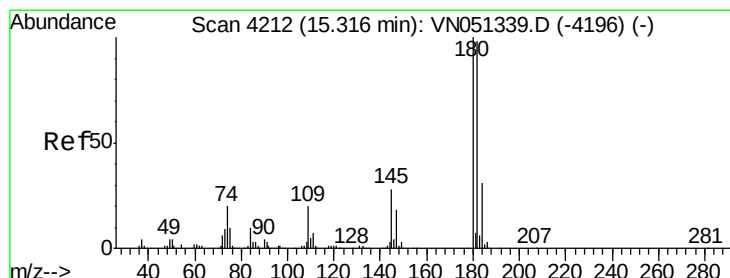
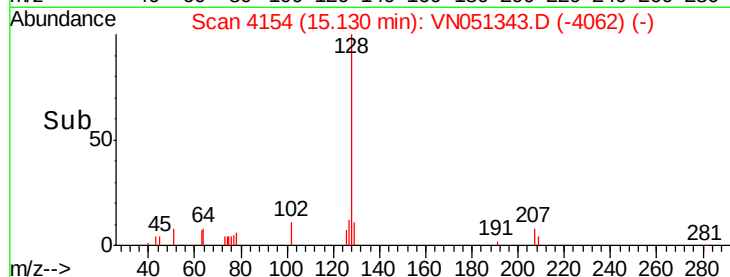
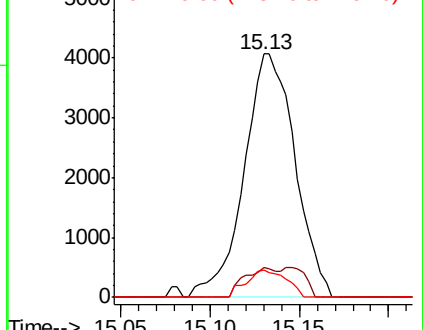
129 9.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.93 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN051343.D

Acq: 20 Sep 2018 16:44

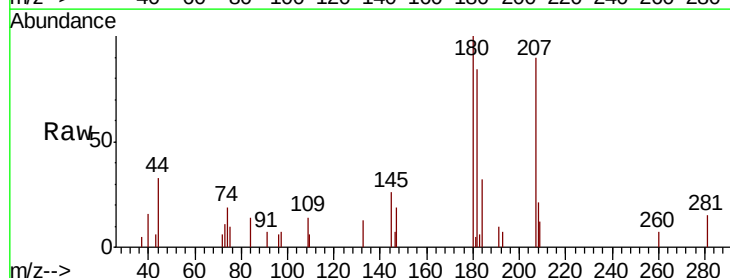
Tgt Ion:180 Resp: 4960

Ion Ratio Lower Upper

180 100

182 90.8 48.1 144.3

145 30.0 14.3 42.9



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

