

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091218\
 Data File : VN051138.D
 Acq On : 12 Sep 2018 9:05
 Operator : MD\SY
 Sample : VN0912WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBL01

Quant Time: Sep 13 07:15:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	643547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	969934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	855728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	281274	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	386337	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
35) Dibromofluoromethane	7.59	113	380648	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
50) Toluene-d8	10.09	98	1366041	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.40	95	368077	40.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.46%	

Target Compounds

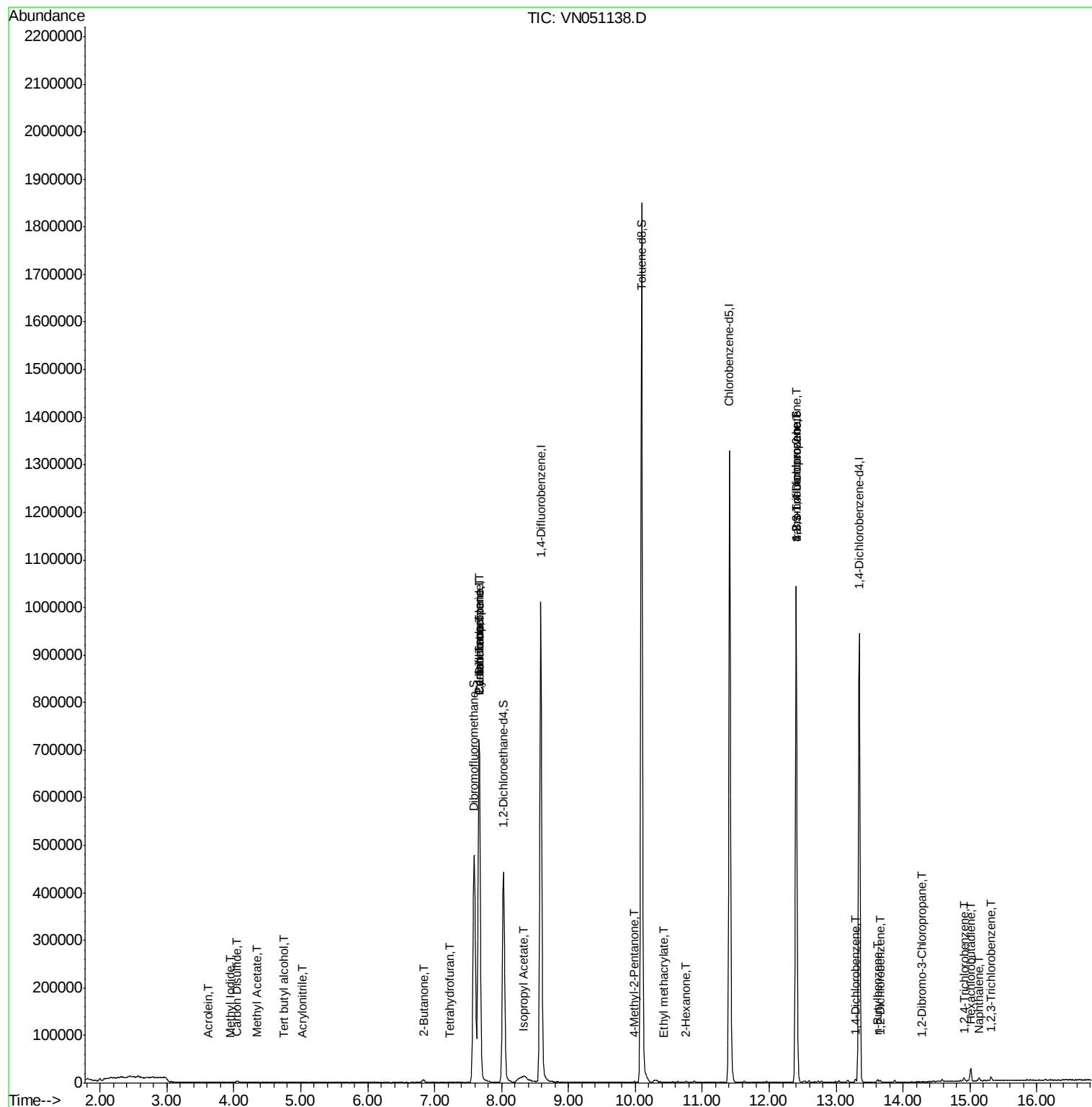
						Qvalue
3) Chloromethane	2.06	50	2526	Below Cal	#	87
5) Bromomethane	2.57	94	2281	Below Cal		87
10) Methyl Iodide	3.94	142	301	5.67	ug/l #	44
11) Tert butyl alcohol	4.75	59	133	0.24	ug/l #	73
13) Acrolein	3.62	56	106	24.43	ug/l #	77
15) Acrylonitrile	5.01	53	695	0.29	ug/l #	56
16) Acetone	3.82	43	980	Below Cal	#	86
17) Carbon Disulfide	4.04	76	6152	0.42	ug/l	98
18) Methyl Acetate	4.34	43	2534	0.44	ug/l #	62
25) 2-Butanone	6.85	43	652	0.23	ug/l #	46
29) Tetrahydrofuran	7.22	42	535	0.30	ug/l #	91
31) Cyclohexane	7.67	56	10561	0.67	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	40514	3.80	ug/l #	48
38) Carbon Tetrachloride	7.66	117	54893	5.24	ug/l #	17
43) Isopropyl Acetate	8.32	43	20379	1.87	ug/l #	50
51) 4-Methyl-2-Pentanone	9.99	43	2119	0.35	ug/l #	76
56) Ethyl methacrylate	10.44	69	190	2.47	ug/l #	44
59) 2-Hexanone	10.76	43	2702	0.66	ug/l	78
75) 1,1,2,2-Tetrachloroethane	12.51	83	610	Below Cal	#	79
76) 1,2,3-Trichloropropane	12.40	75	168881	38.38	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	168881	114.03	ug/l #	15
88) 1,4-Dichlorobenzene	13.29	146	1979	0.21	ug/l	96
89) n-Butylbenzene	13.62	91	4191	0.29	ug/l	85
90) Hexachloroethane	13.87	117	527	Below Cal		78
91) 1,2-Dichlorobenzene	13.65	146	2150	0.21	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.28	75	69	0.74	ug/l #	42
93) 1,2,4-Trichlorobenzene	14.91	180	2646	4.46	ug/l	95
94) Hexachlorobutadiene	15.01	225	5981	0.21	ug/l	96
95) Naphthalene	15.14	128	6357	5.88	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.32	180	3490	3.63	ug/l	99

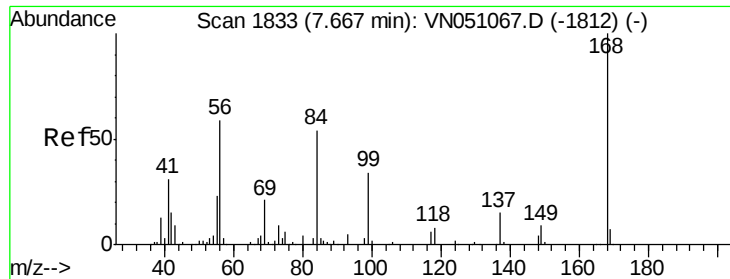
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091218\
Data File : VN051138.D
Acq On : 12 Sep 2018 9:05
Operator : MD\SY
Sample : VN0912WBL01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL01

Quant Time: Sep 13 07:15:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 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: VN051138.D

Acq: 12 Sep 2018 9:05

Instrument :

MSVOA_N

ClientSampleId :

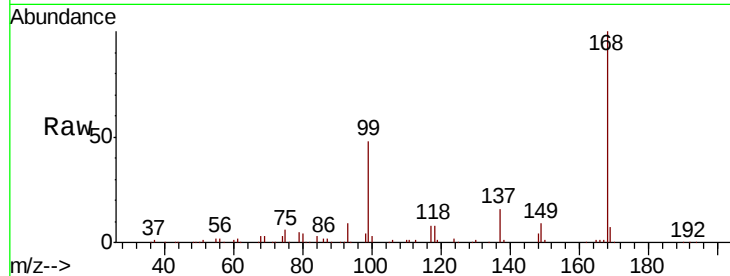
VN0912WBL01

Tot Ion:168 Resp: 643547

Ion Ratio Lower Upper

168 100

99 48.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

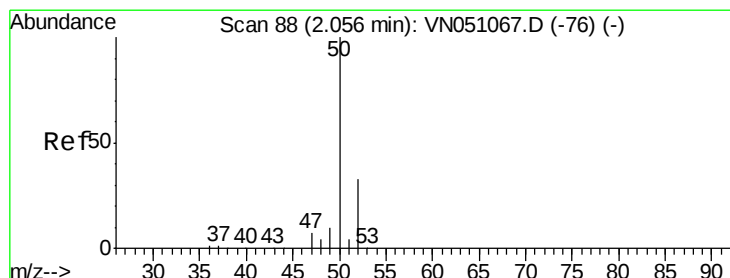
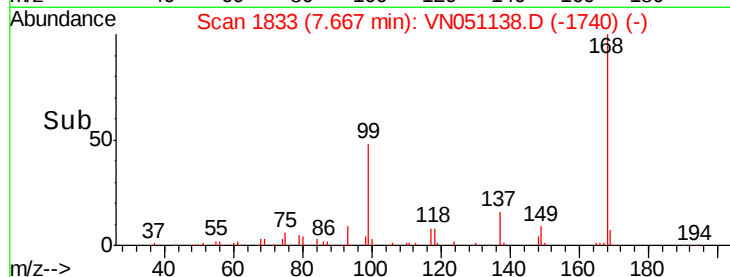
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051138.D

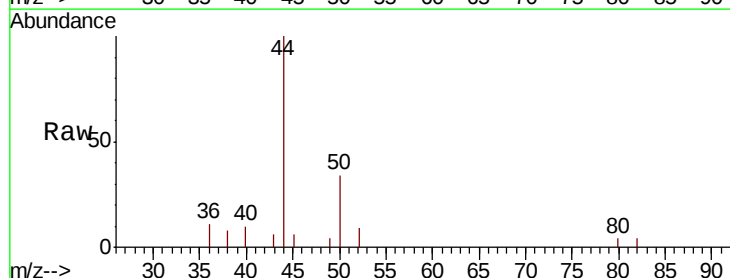
Acq: 12 Sep 2018 9:05

Tgt Ion: 50 Resp: 2526

Ion Ratio Lower Upper

50 100

52 25.0 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2000

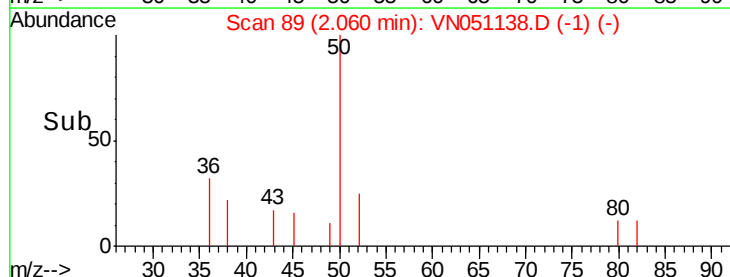
1500

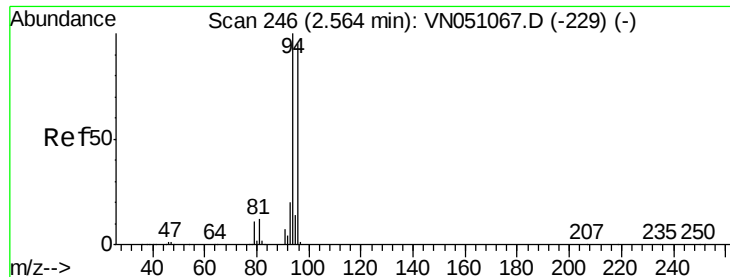
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051138.D

Acq: 12 Sep 2018 9:05

Instrument :

MSVOA_N

ClientSampleId :

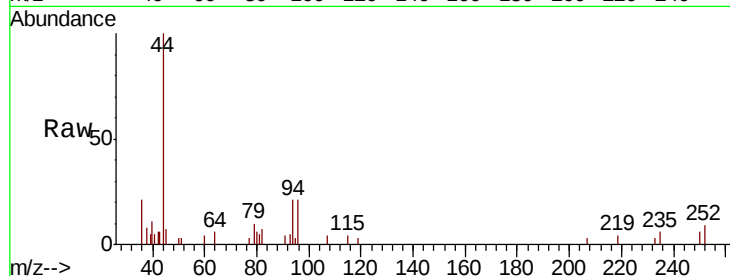
VN0912WBL01

Tot Ion: 94 Resp: 2281

Ion Ratio Lower Upper

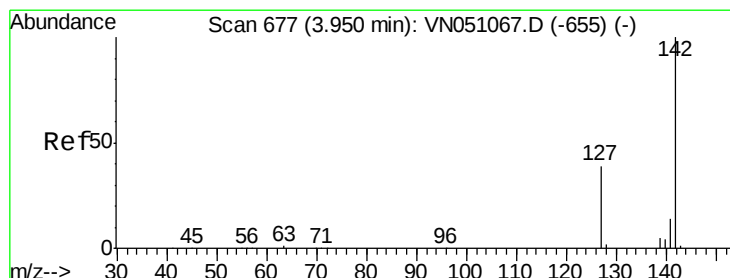
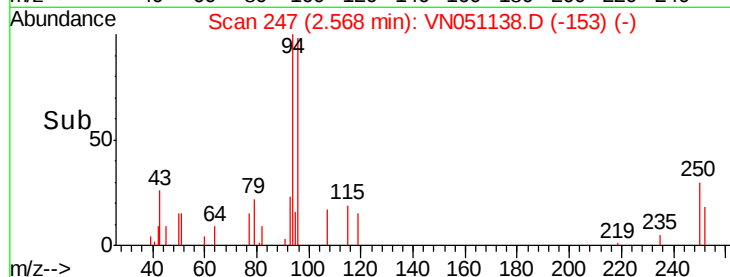
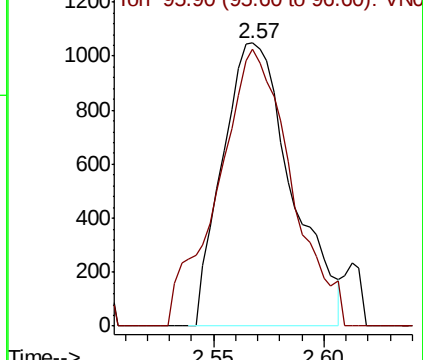
94 100

96 82.3 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051138.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN051138.D (-153) (-)



#10

Methyl Iodide

Concen: 5.67 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.01 min

Lab File: VN051138.D

Acq: 12 Sep 2018 9:05

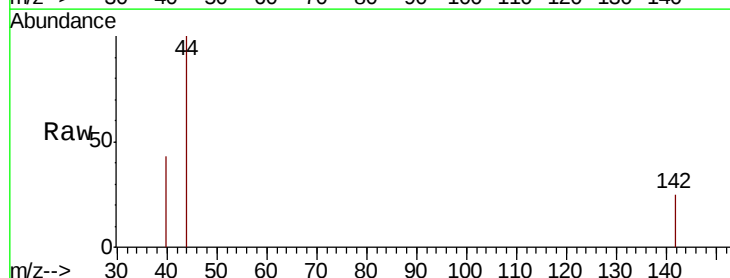
Tgt Ion: 142 Resp: 301

Ion Ratio Lower Upper

142 100

127 0.0 31.0 46.4#

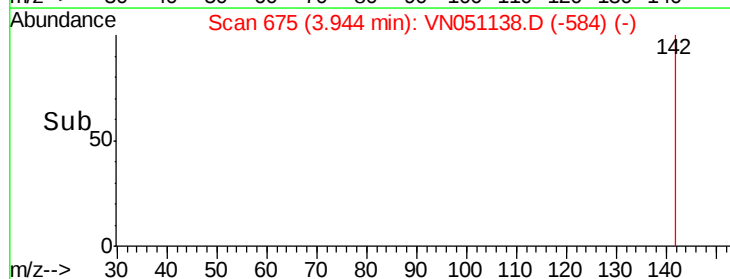
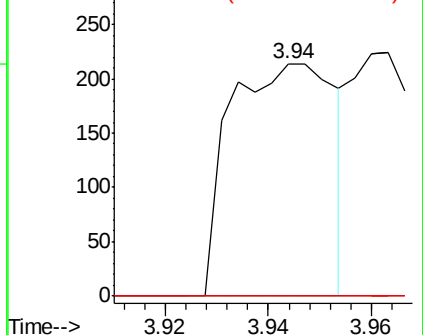
141 0.0 11.3 16.9#

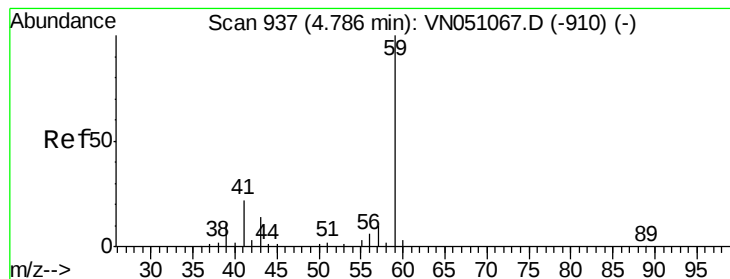


Abundance Ion 141.80 (141.50 to 142.50): VN051138.D (-584) (-)

Ion 126.80 (126.50 to 127.50): VN051138.D (-584) (-)

Ion 140.80 (140.50 to 141.50): VN051138.D (-584) (-)



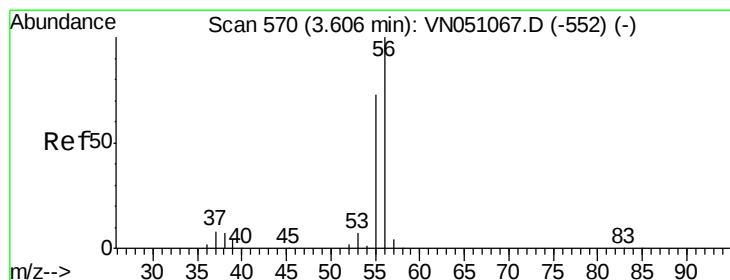
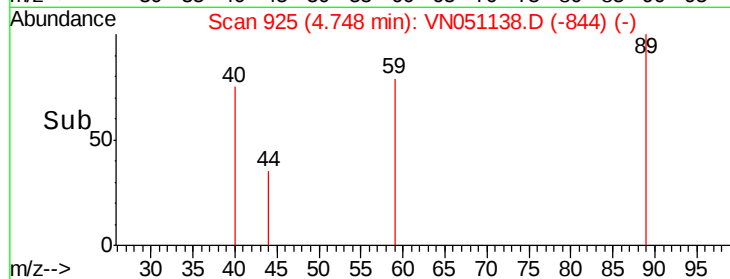
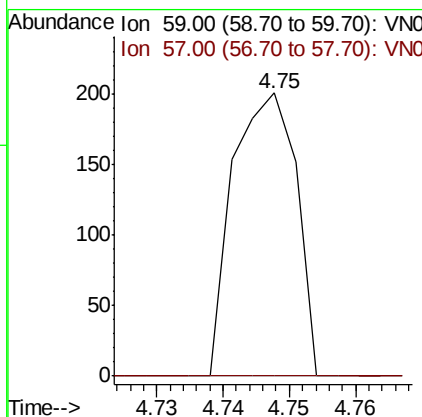
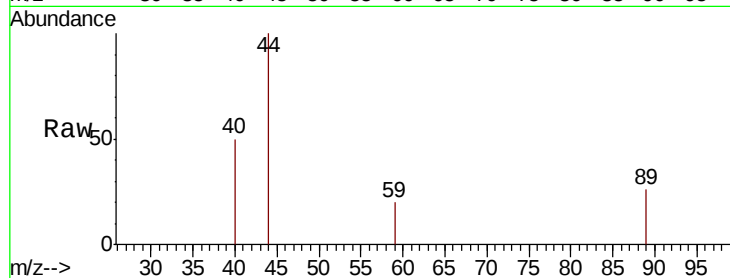


#11

Tert butyl alcohol
 Concen: 0.24 ug/l
 RT: 4.75 min Scan# 925
 Delta R.T. -0.04 min
 Lab File: VN051138.D
 Acq: 12 Sep 2018 9:05

Instrument :
 MSVOA_N
 ClientSampled :
 VN0912WBL01

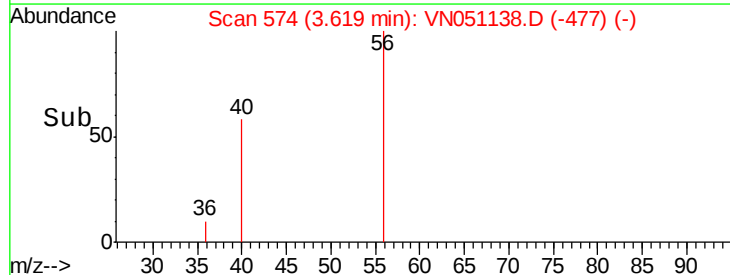
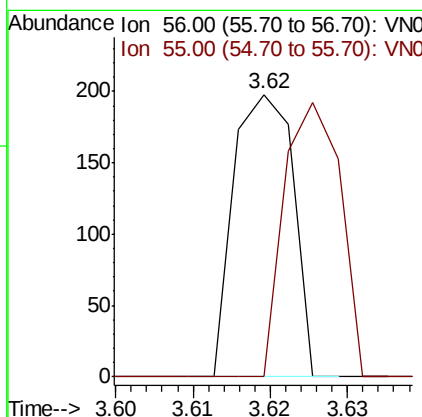
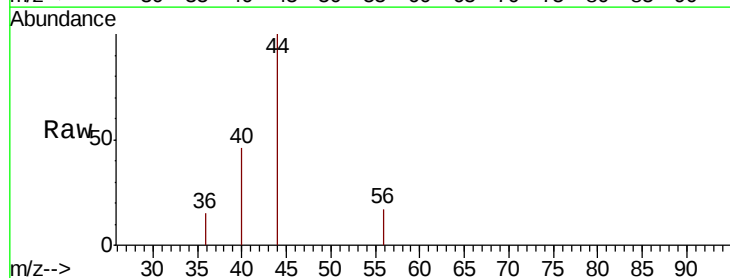
Tot Ion: 59 Resp: 133
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

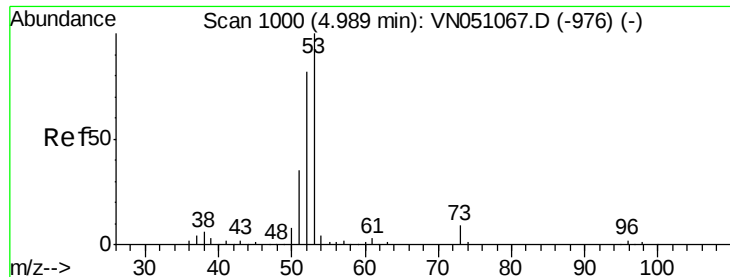


#13

Acrolein
 Concen: 24.43 ug/l
 RT: 3.62 min Scan# 574
 Delta R.T. 0.01 min
 Lab File: VN051138.D
 Acq: 12 Sep 2018 9:05

Tgt Ion: 56 Resp: 106
 Ion Ratio Lower Upper
 56 100
 55 91.5 58.0 87.0#





#15

Acrylonitrile

Concen: 0.29 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.02 min

Lab File: VN051138.D

Acq: 12 Sep 2018 9:05

Instrument :

MSVOA_N

ClientSampled :

VN0912WBL01

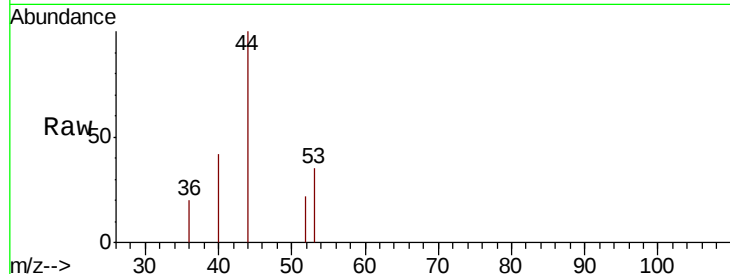
Tot Ion: 53 Resp: 695

Ion Ratio Lower Upper

53 100

52 46.5 65.3 97.9#

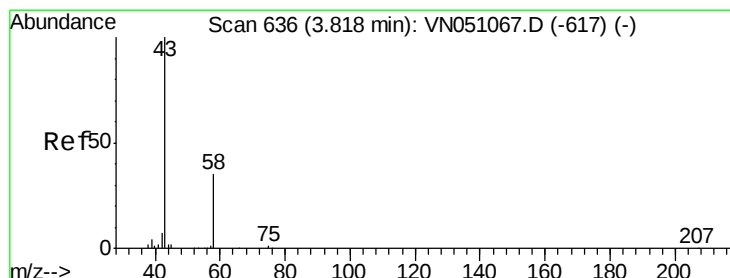
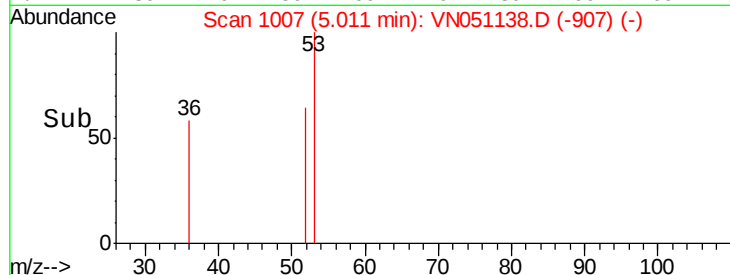
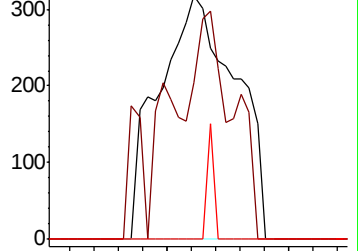
51 4.2 28.2 42.2#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN051138.D

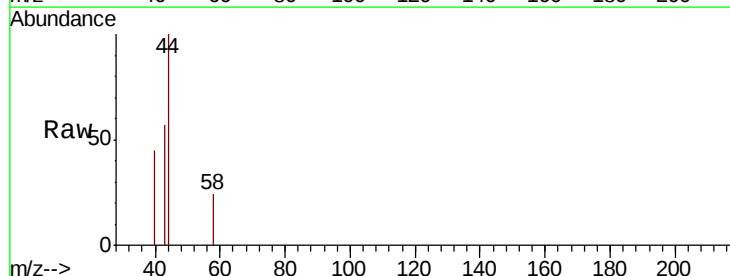
Acq: 12 Sep 2018 9:05

Tgt Ion: 43 Resp: 980

Ion Ratio Lower Upper

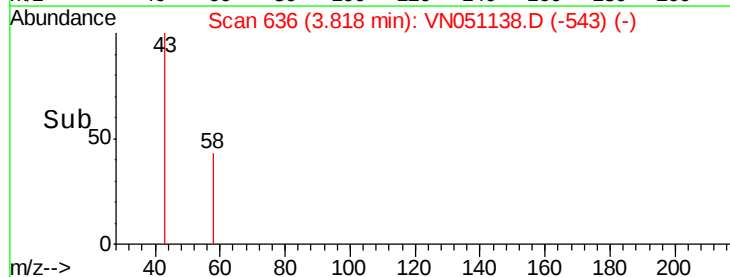
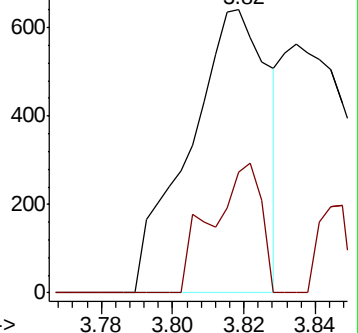
43 100

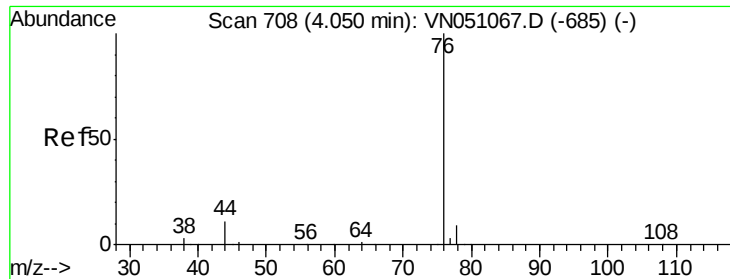
58 42.7 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 0.42 ug/l

RT: 4.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: VN051138.D

Acq: 12 Sep 2018 9:05

Instrument :

MSVOA_N

ClientSampled :

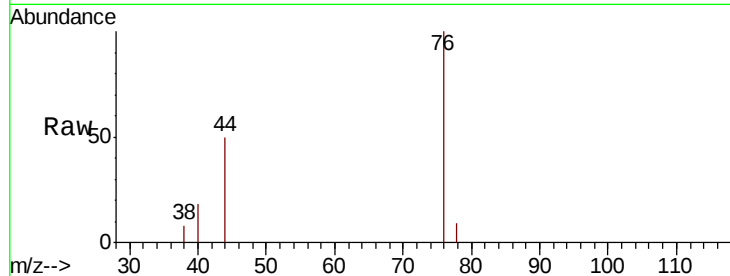
VN0912WBL01

Tot Ion: 76 Resp: 6152

Ion Ratio Lower Upper

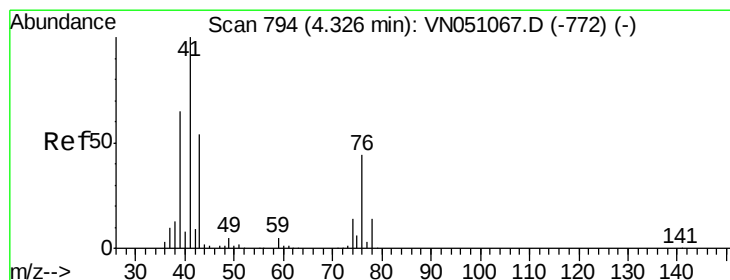
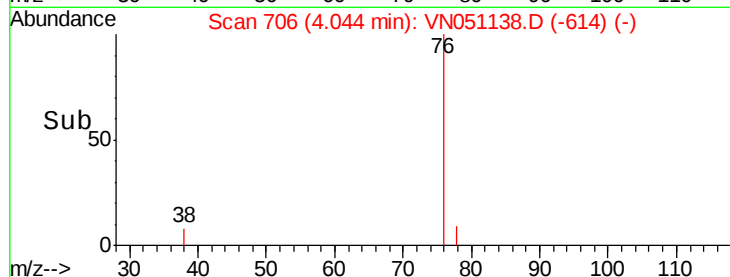
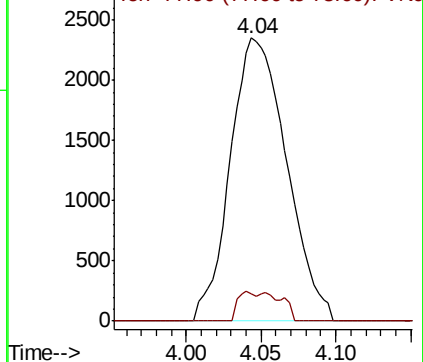
76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.44 ug/l

RT: 4.34 min Scan# 799

Delta R.T. 0.02 min

Lab File: VN051138.D

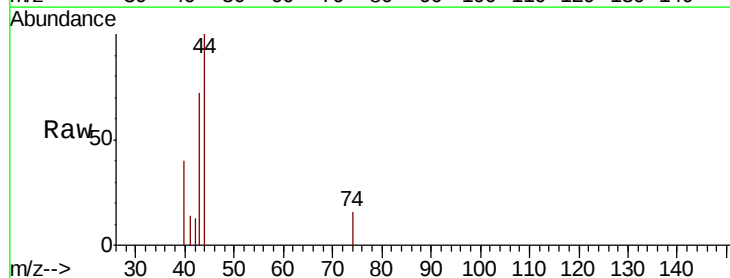
Acq: 12 Sep 2018 9:05

Tgt Ion: 43 Resp: 2534

Ion Ratio Lower Upper

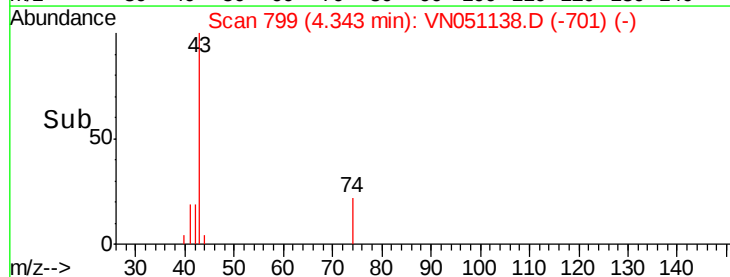
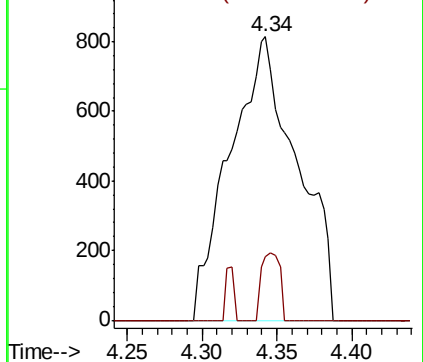
43 100

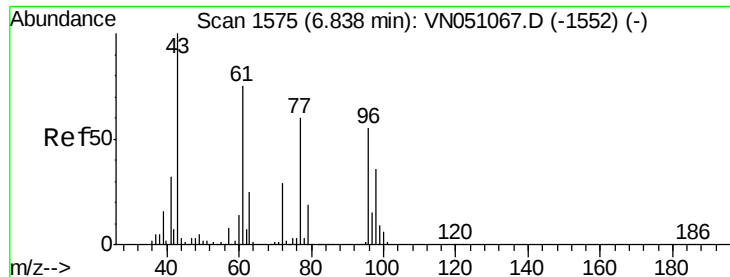
74 6.6 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#25

2-Butanone

Concen: 0.23 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.02 min

Lab File: VN051138.D

Acq: 12 Sep 2018 9:05

Instrument :

MSVOA_N

ClientSampleId :

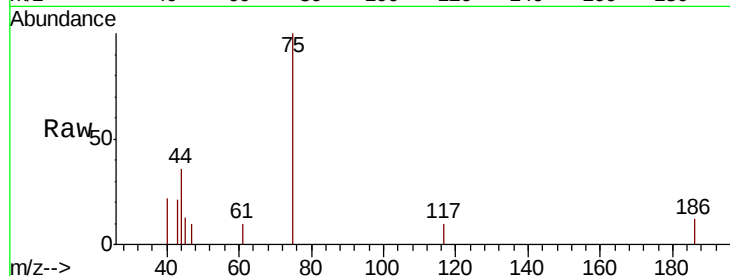
VN0912WBL01

Tot Ion: 43 Resp: 652

Ion Ratio Lower Upper

43 100

72 0.0 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.85

400

300

200

100

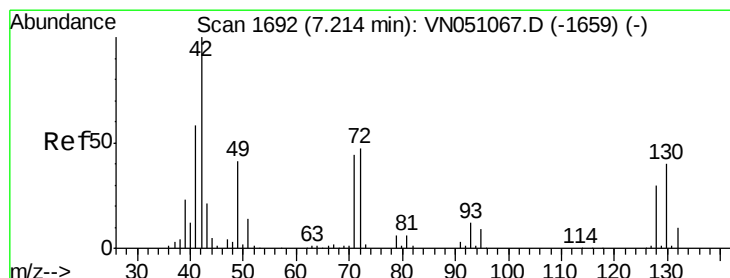
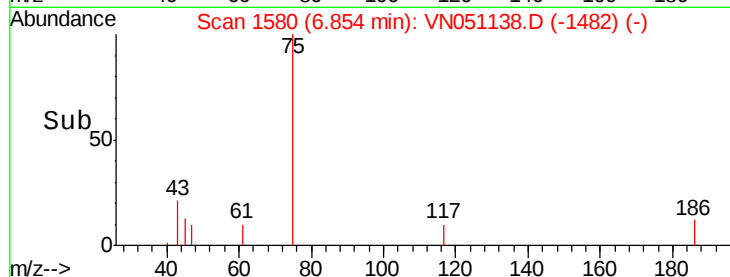
0

6.82

6.84

6.86

Time-->



#29

Tetrahydrofuran

Concen: 0.30 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051138.D

Acq: 12 Sep 2018 9:05

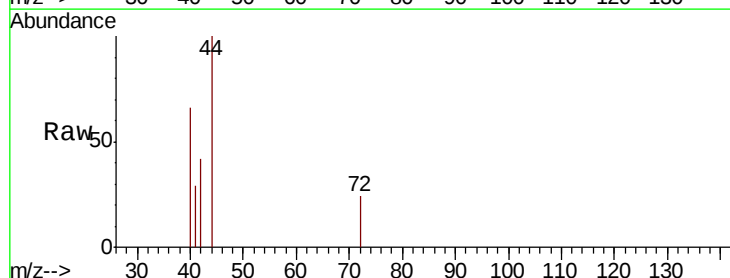
Tgt Ion: 42 Resp: 535

Ion Ratio Lower Upper

42 100

72 36.3 37.4 56.0#

71 42.6 34.7 52.1



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

400

300

200

100

0

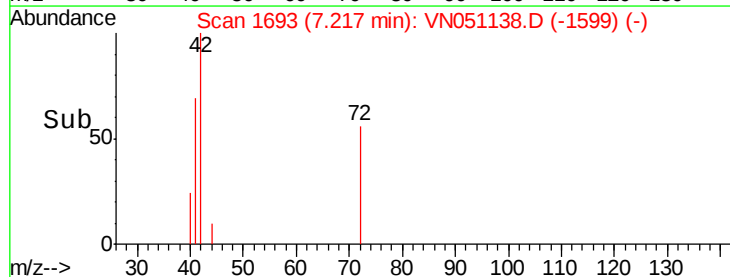
7.18

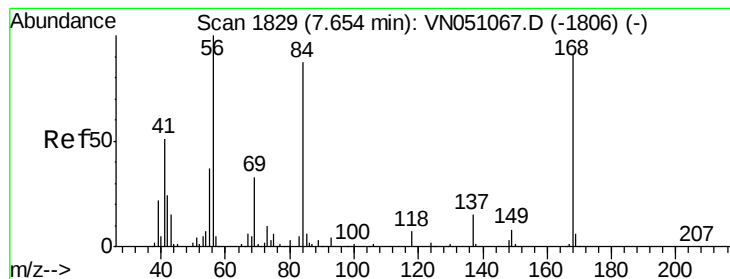
7.20

7.22

7.24

Time-->





#31

Cyclohexane

Concen: 0.67 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN051138.D

Acq: 12 Sep 2018 9:05

Instrument :

MSVOA_N

ClientSampled :

VN0912WBL01

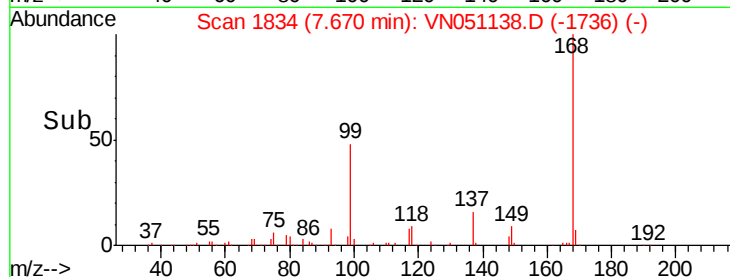
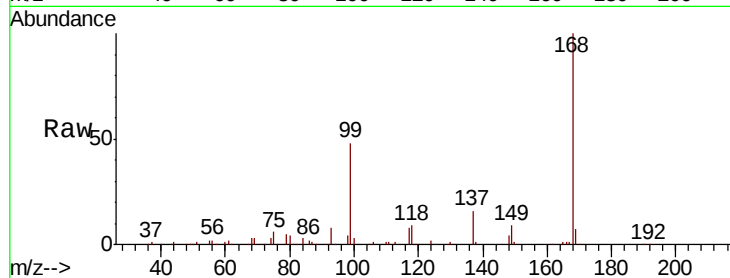
Tot Ion: 56 Resp: 10561

Ion Ratio Lower Upper

56 100

69 197.5 26.3 39.5#

84 159.3 69.4 104.0#

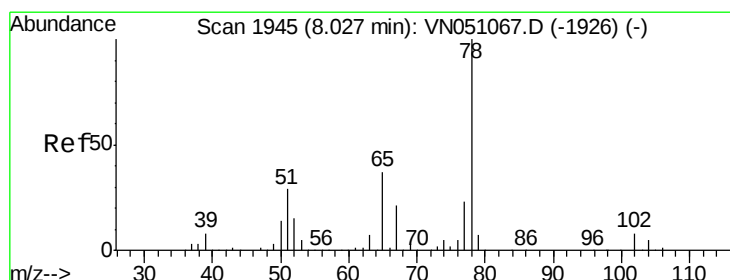
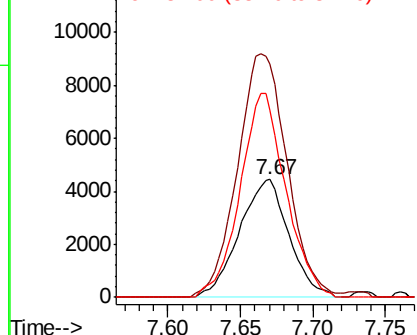


Abundance

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: 53.94 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN051138.D

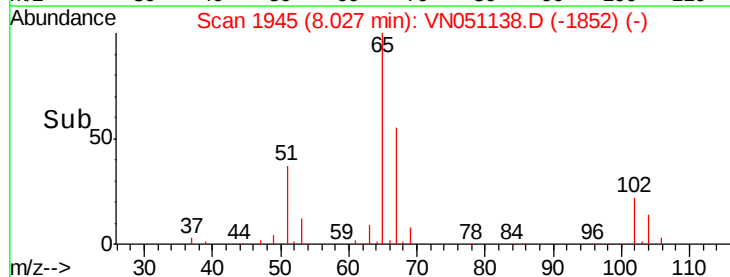
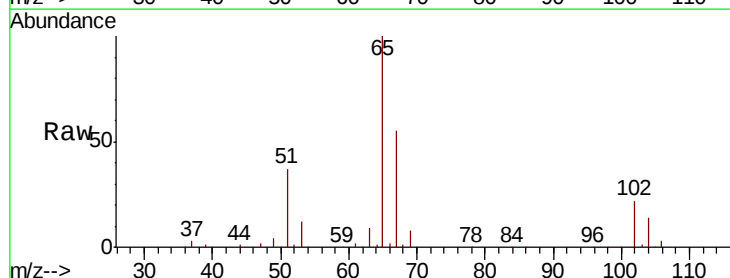
Acq: 12 Sep 2018 9:05

Tgt Ion: 65 Resp: 386337

Ion Ratio Lower Upper

65 100

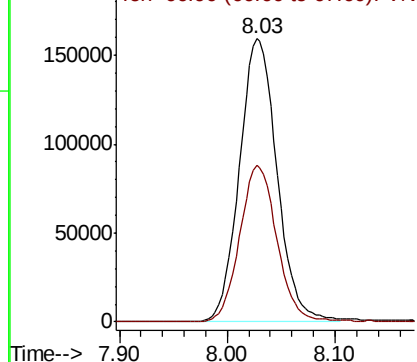
67 54.8 0.0 112.0

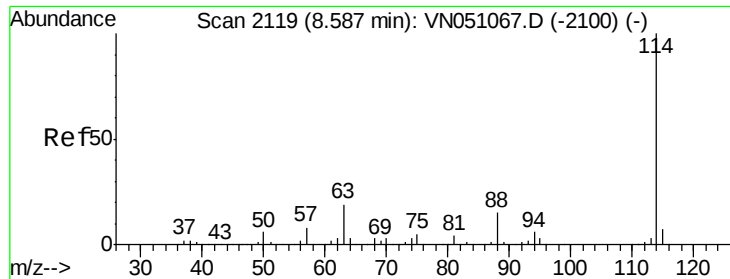


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

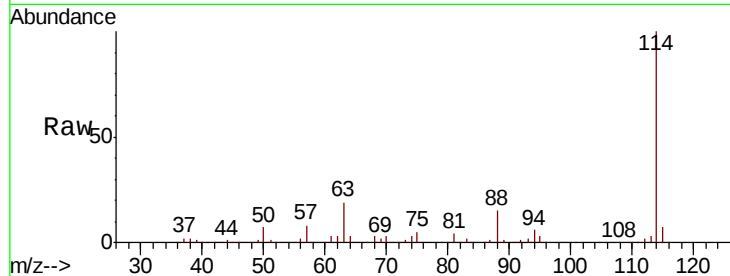




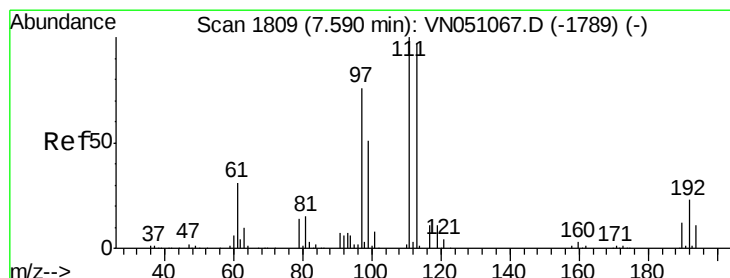
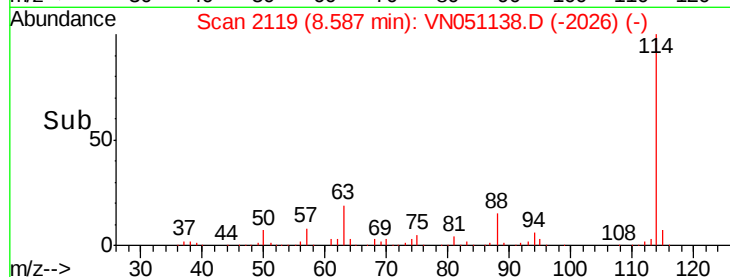
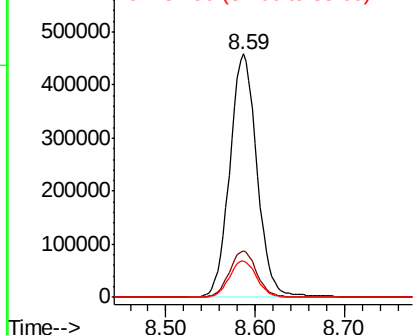
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051138.D
 Acq: 12 Sep 2018 9:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBL01

Tot Ion:114 Resp: 969934
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.8
 88 14.9 0.0 30.8

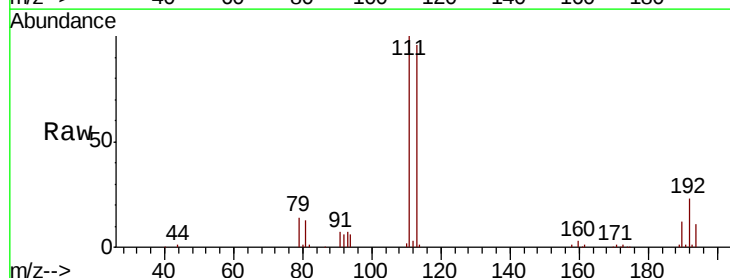


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

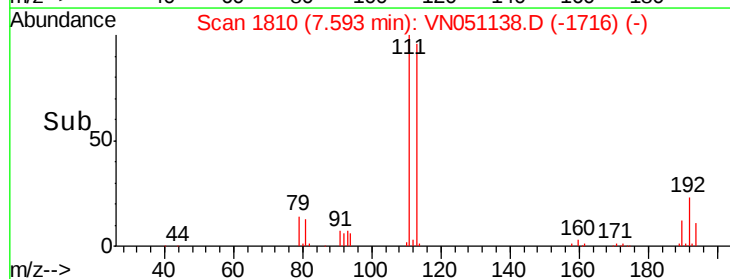
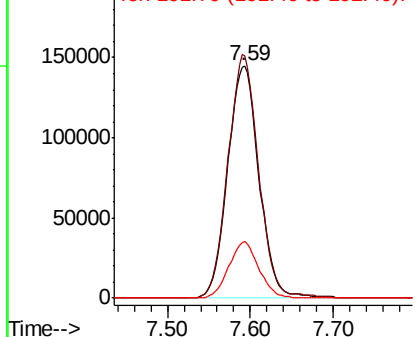


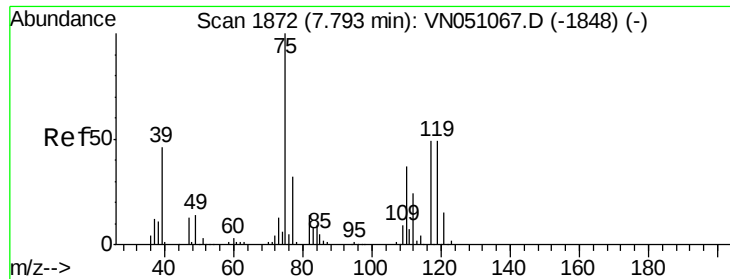
#35
 Dibromofluoromethane
 Concen: 52.23 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051138.D
 Acq: 12 Sep 2018 9:05

Tgt Ion:113 Resp: 380648
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.0 124.6
 192 23.4 18.7 28.1



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

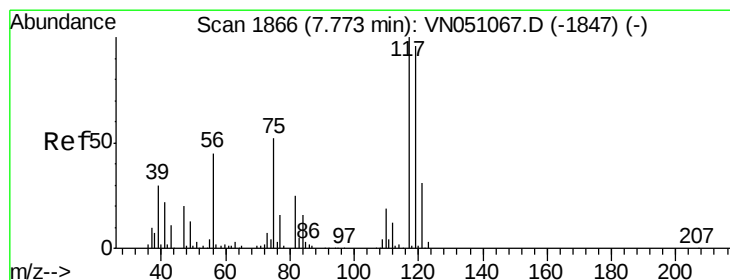
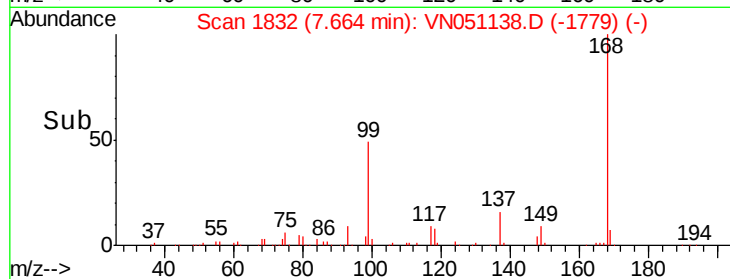
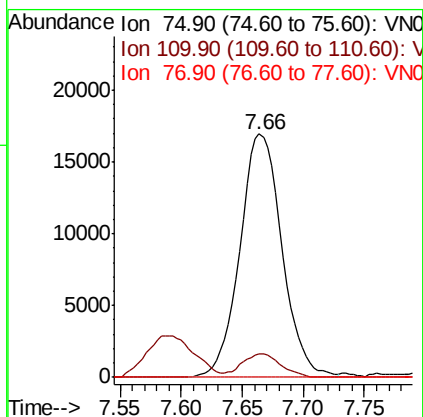
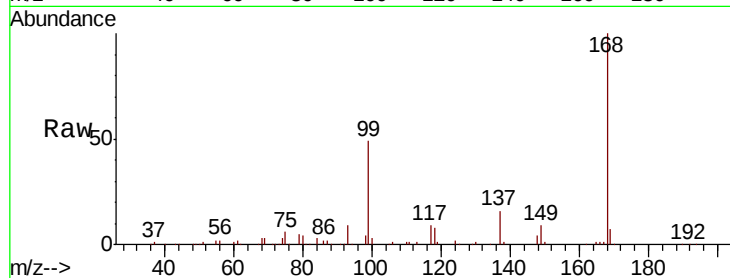




#36
 1,1-Dichloropropene
 Concen: 3.80 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051138.D
 Acq: 12 Sep 2018 9:05

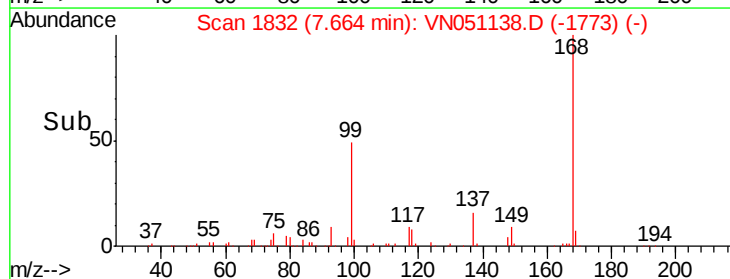
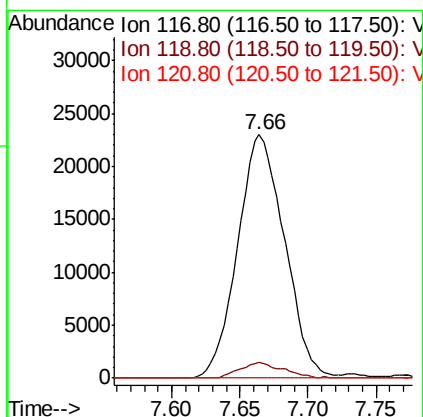
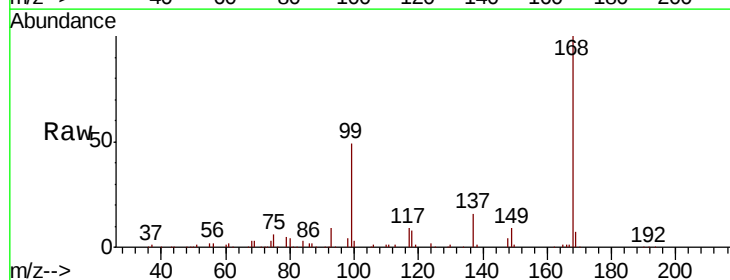
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBL01

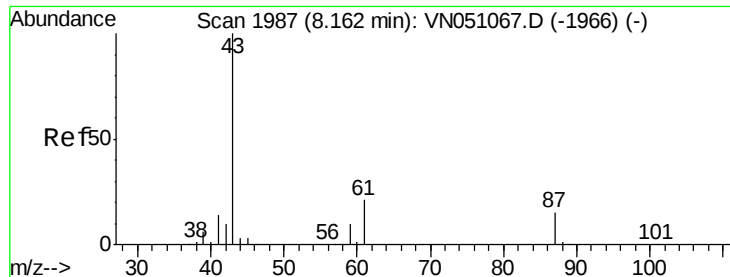
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.6	55.8#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.24 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN051138.D
 Acq: 12 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.8	115.2#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 1.87 ug/l

RT: 8.32 min Scan# 2037

Delta R.T. 0.16 min

Lab File: VN051138.D

Acq: 12 Sep 2018 9:05

Instrument :

MSVOA_N

ClientSampled :

VN0912WBL01

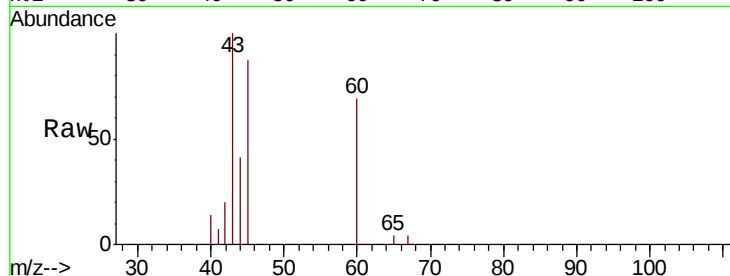
Tot Ion: 43 Resp: 20379

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

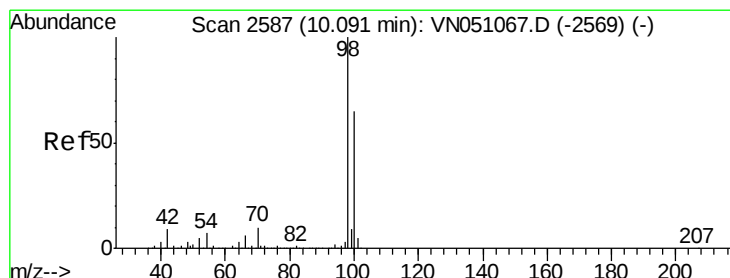
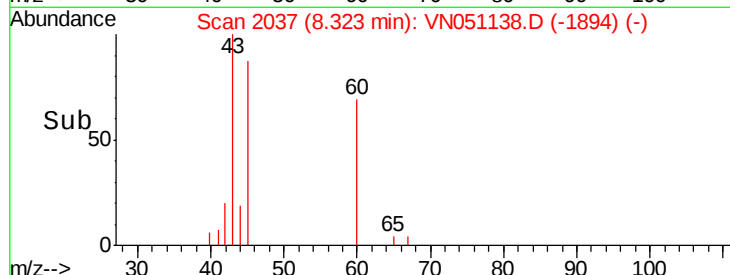
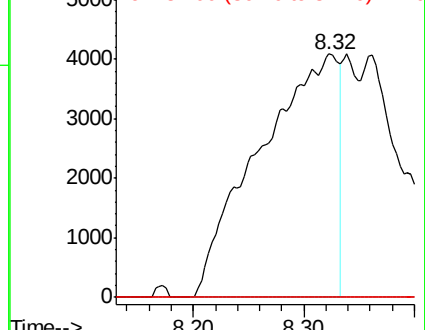
87 0.0 11.8 17.8#



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: 49.39 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051138.D

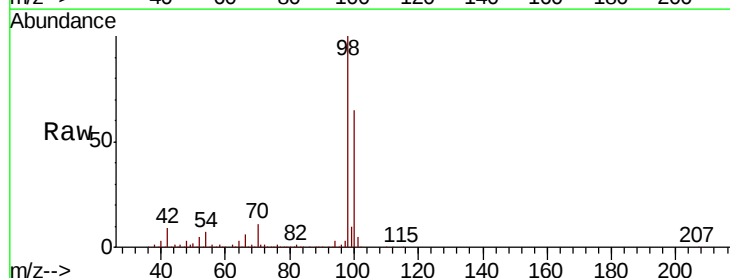
Acq: 12 Sep 2018 9:05

Tgt Ion: 98 Resp: 1366041

Ion Ratio Lower Upper

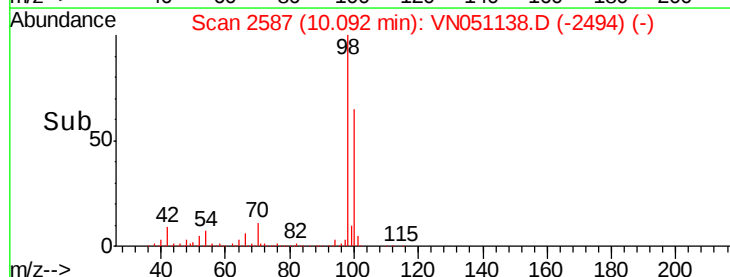
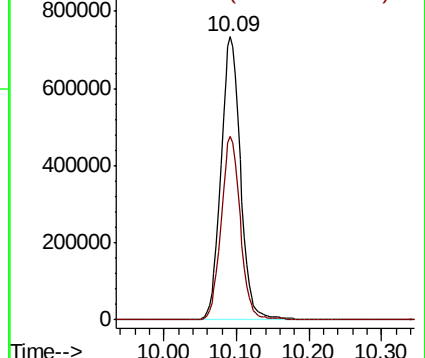
98 100

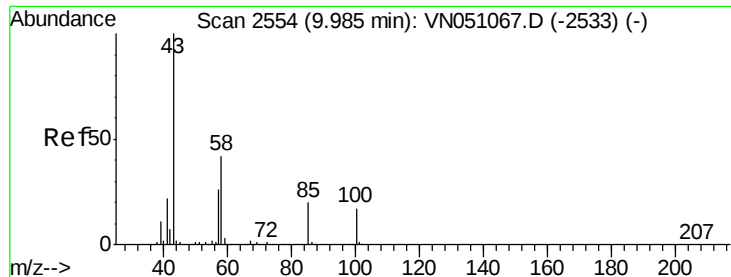
100 63.9 52.0 78.0



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: 0.35 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN051138.D

Acq: 12 Sep 2018 9:05

Instrument :

MSVOA_N

ClientSampleId :

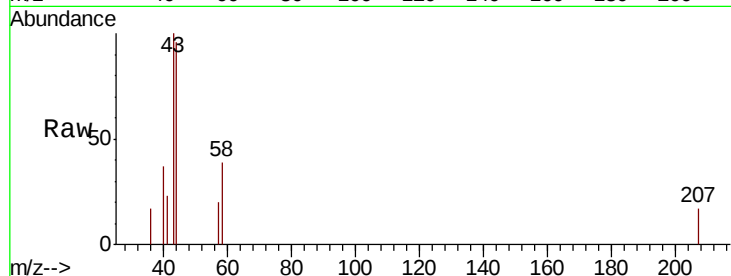
VN0912WBL01

Tot Ion: 43 Resp: 2119

Ion Ratio Lower Upper

43 100

58 26.7 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-2533) (-)

9.99

1200

1000

800

600

400

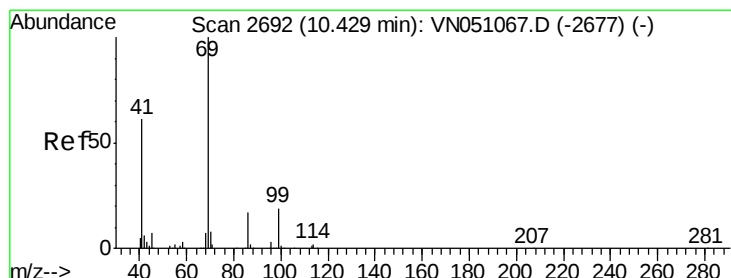
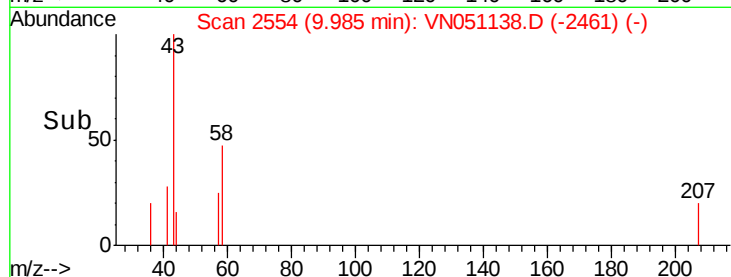
200

0

9.95

10.00

Time-->



#56

Ethyl methacrylate

Concen: 2.47 ug/l

RT: 10.44 min Scan# 2695

Delta R.T. 0.01 min

Lab File: VN051138.D

Acq: 12 Sep 2018 9:05

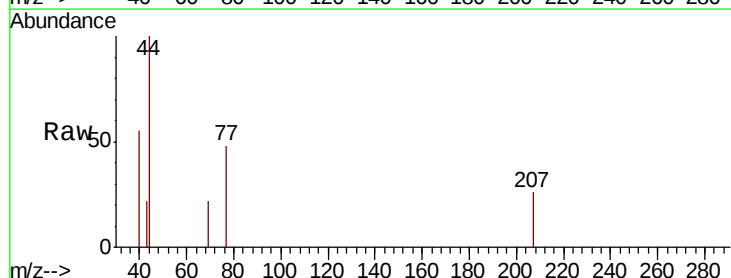
Tgt Ion: 69 Resp: 190

Ion Ratio Lower Upper

69 100

41 16.8 47.8 71.8#

39 0.0 23.0 34.4#



Abundance Ion 69.00 (68.70 to 69.70): VN051067.D (-2677) (-)

Ion 41.00 (40.70 to 41.70): VN051067.D (-2677) (-)

Ion 39.00 (38.70 to 39.70): VN051067.D (-2677) (-)

10.44

200

150

100

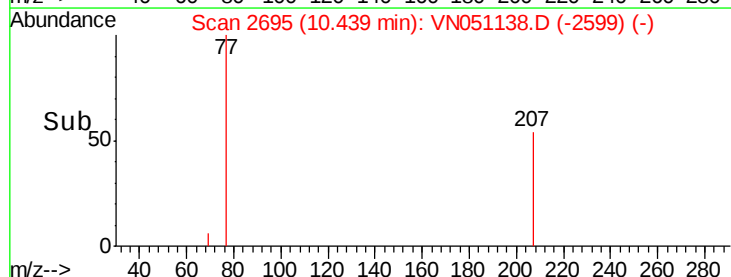
50

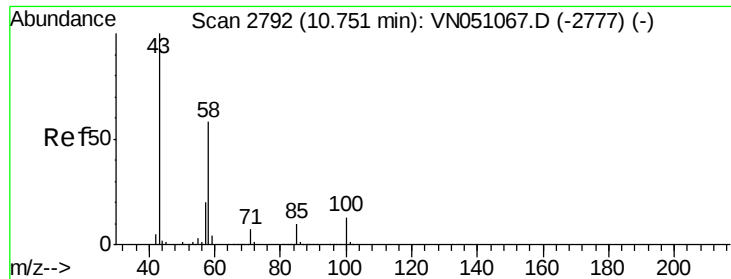
0

10.42

10.44

Time-->

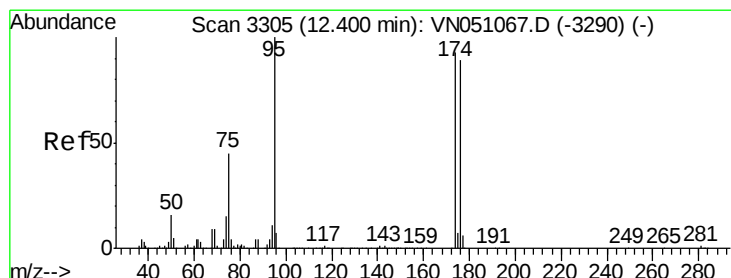
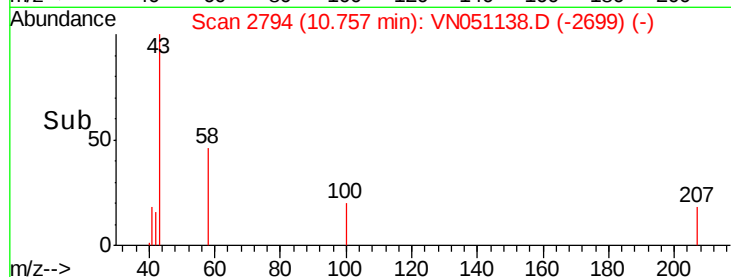
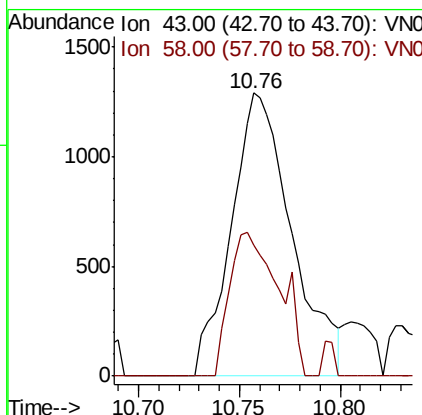
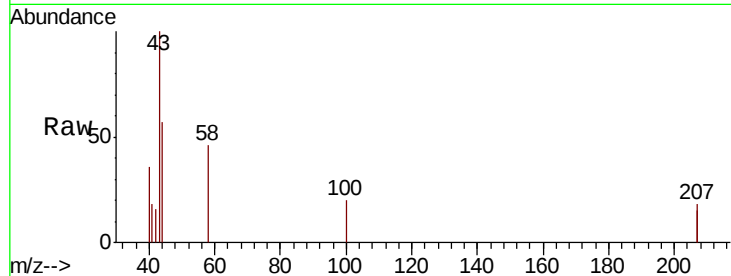




#59
2-Hexanone
Concen: 0.66 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.01 min
Lab File: VN051138.D
Acq: 12 Sep 2018 9:05

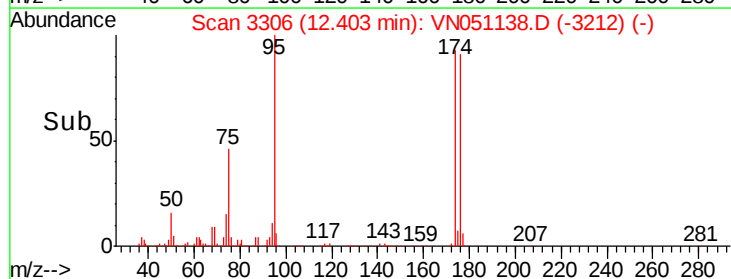
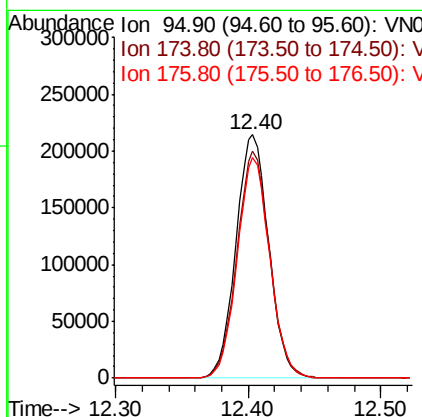
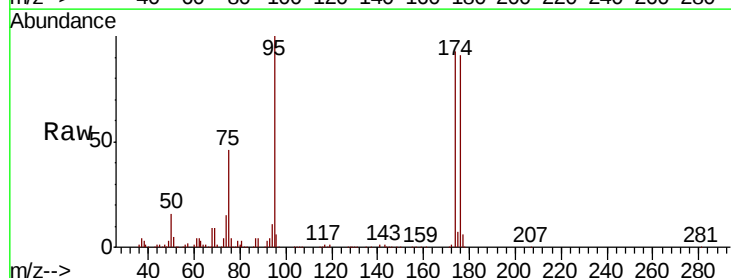
Instrument :
MSVOA_N
ClientSampled :
VN0912WBL01

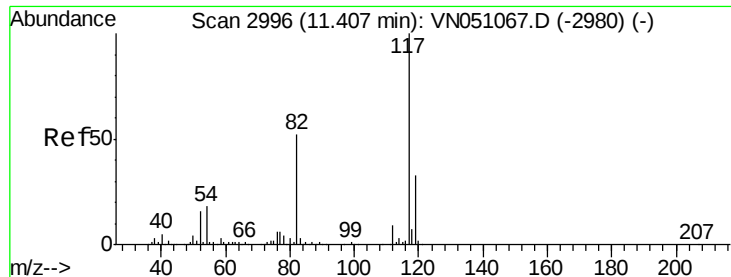
Tot Ion: 43 Resp: 2702
Ion Ratio Lower Upper
43 100
58 41.9 29.3 88.0



#62
4-Bromofluorobenzene
Concen: 40.23 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051138.D
Acq: 12 Sep 2018 9:05

Tgt Ion: 95 Resp: 368077
Ion Ratio Lower Upper
95 100
174 93.0 0.0 184.8
176 89.8 0.0 178.6

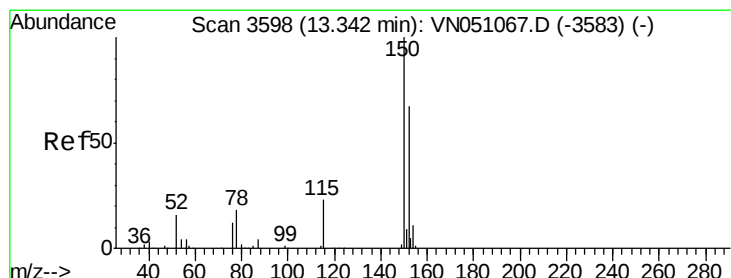
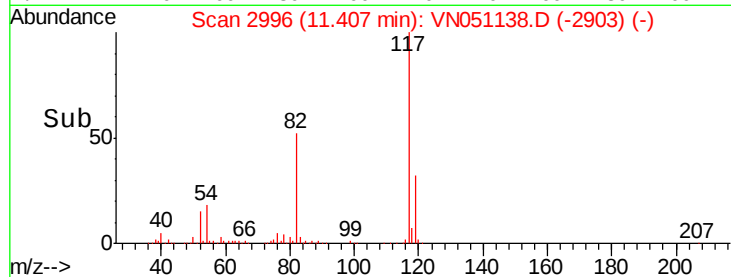
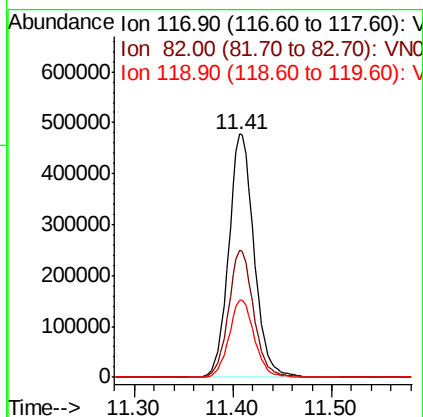
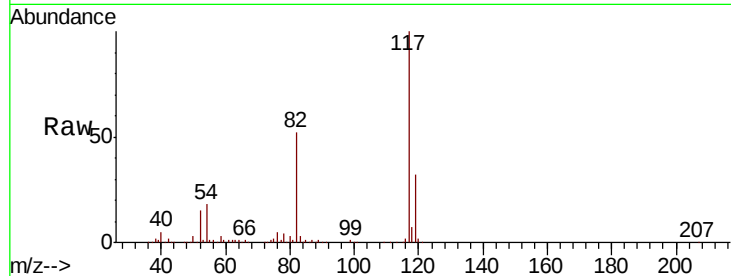




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051138.D
Acq: 12 Sep 2018 9:05

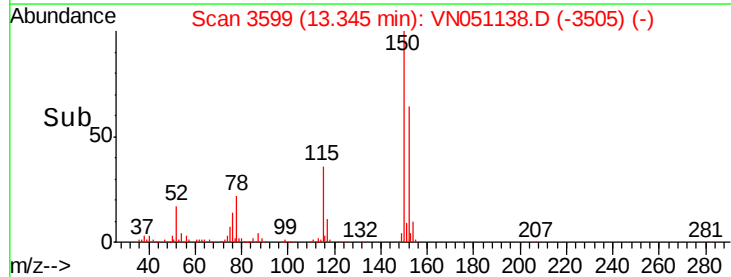
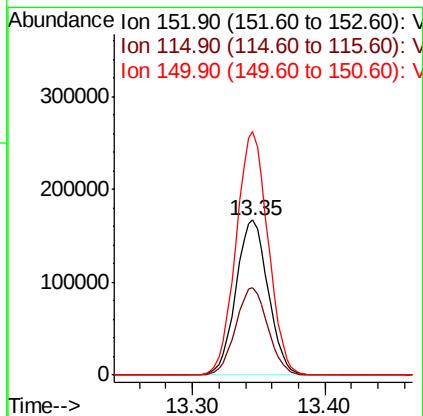
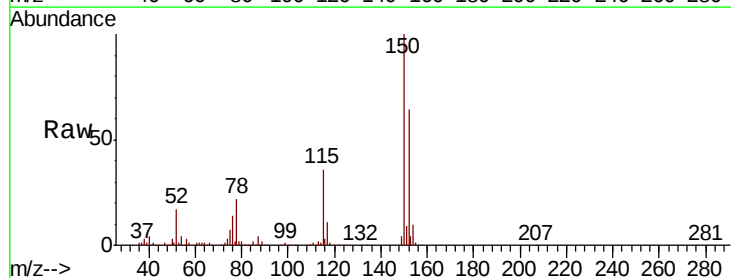
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL01

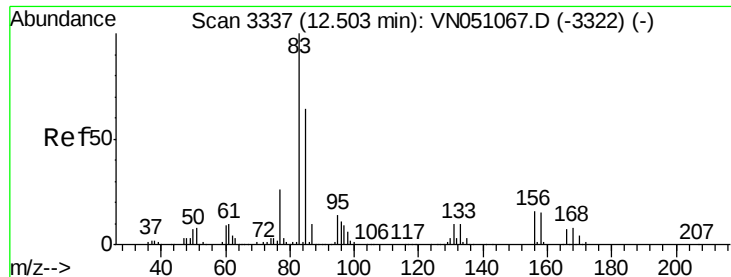
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.8	62.6
119	31.6	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051138.D
Acq: 12 Sep 2018 9:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.2	84.7
150	156.3	0.0	349.0





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3339

Delta R.T. 0.01 min

Lab File: VN051138.D

Acq: 12 Sep 2018 9:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBL01

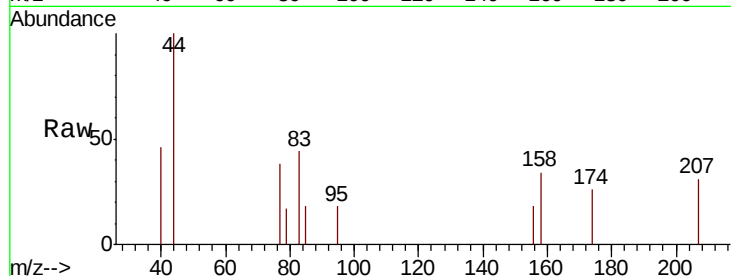
Tot Ion: 83 Resp: 610

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

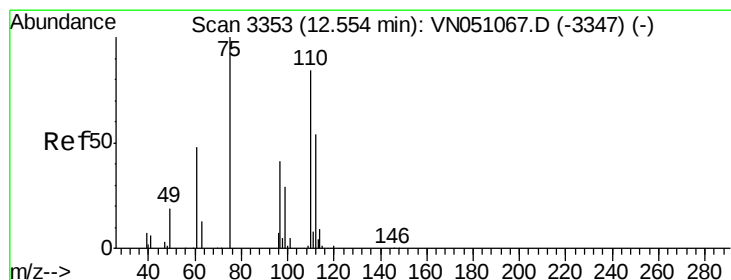
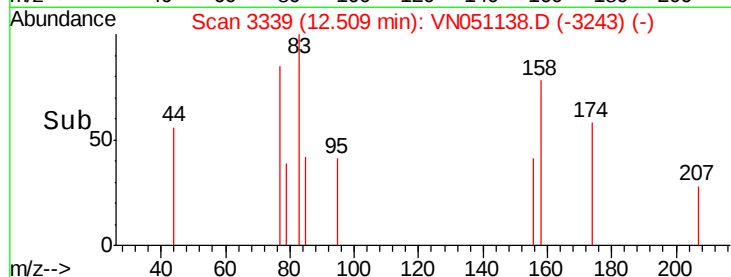
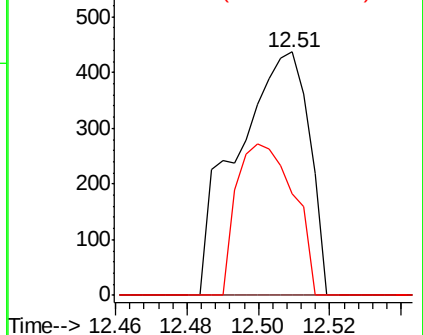
85 49.0 32.3 96.8



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: 38.38 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051138.D

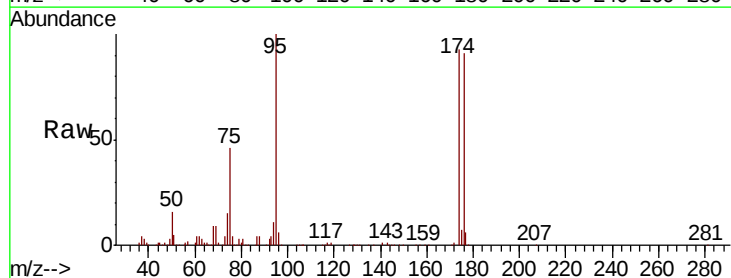
Acq: 12 Sep 2018 9:05

Tgt Ion: 75 Resp: 168881

Ion Ratio Lower Upper

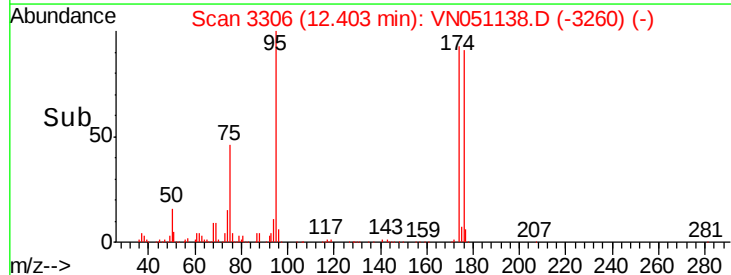
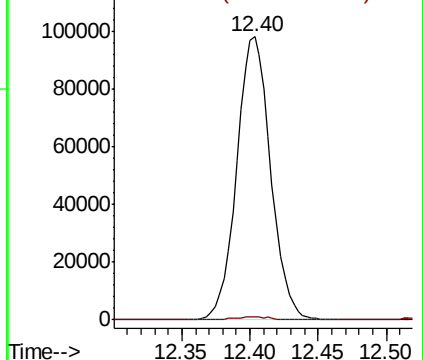
75 100

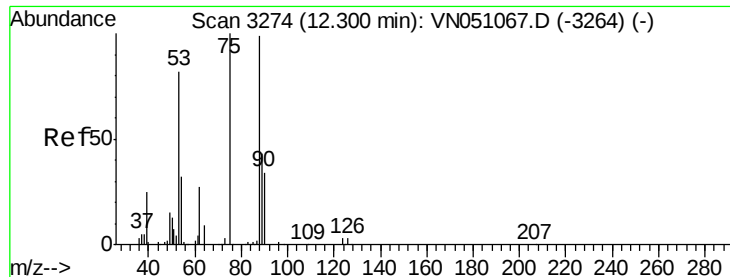
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 114.03 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051138.D

Acq: 12 Sep 2018 9:05

Instrument :

MSVOA_N

ClientSampled :

VN0912WBL01

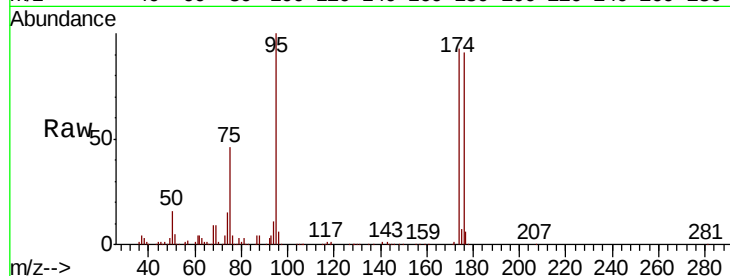
Tot Ion: 75 Resp: 168881

Ion Ratio Lower Upper

75 100

53 0.1 67.8 101.8#

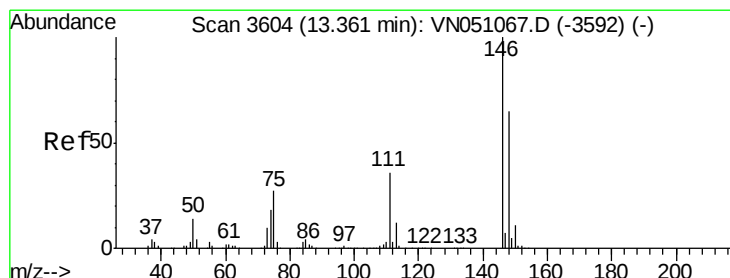
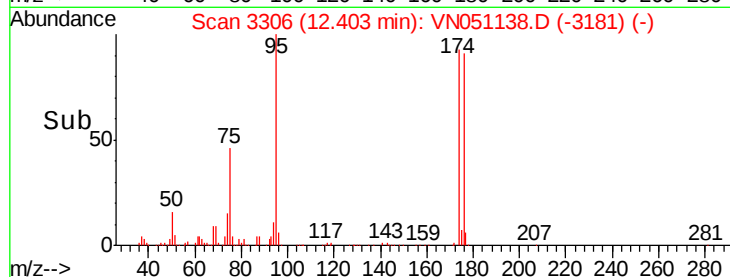
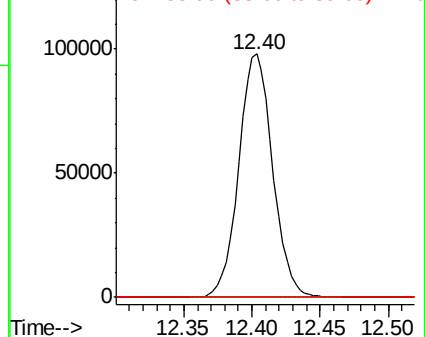
89 0.0 36.0 54.0#



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



#88

1,4-Dichlorobenzene

Concen: 0.21 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.07 min

Lab File: VN051138.D

Acq: 12 Sep 2018 9:05

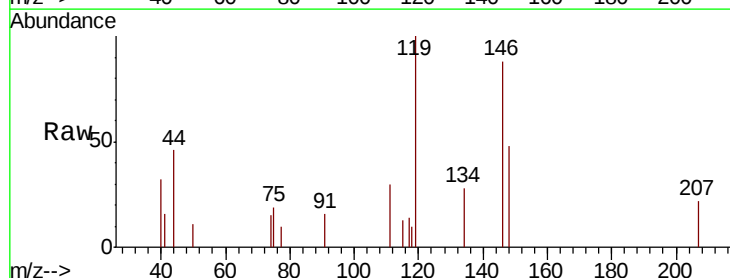
Tgt Ion: 146 Resp: 1979

Ion Ratio Lower Upper

146 100

111 39.2 18.4 55.0

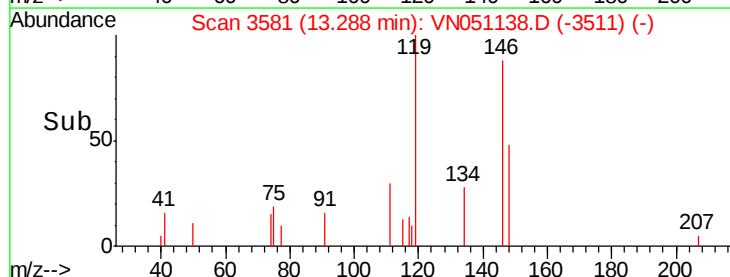
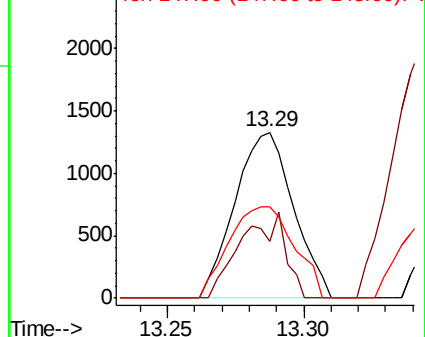
148 61.1 32.2 96.6

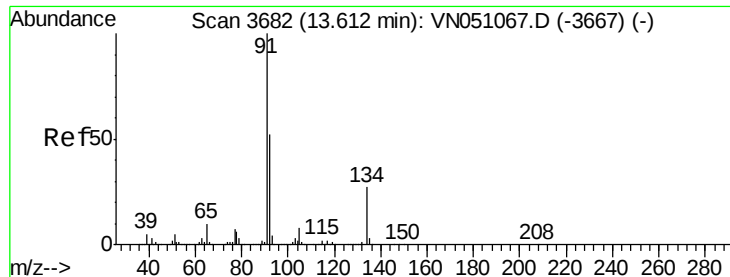


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

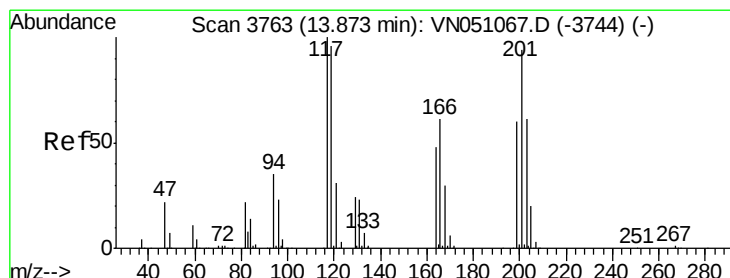
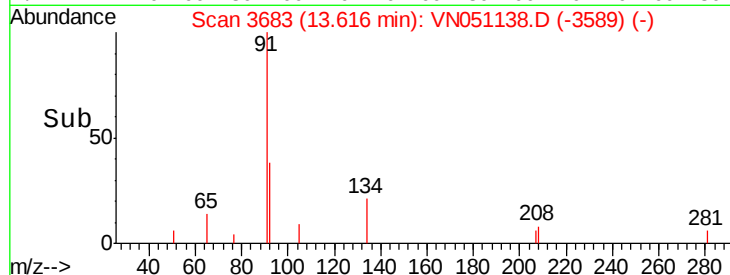
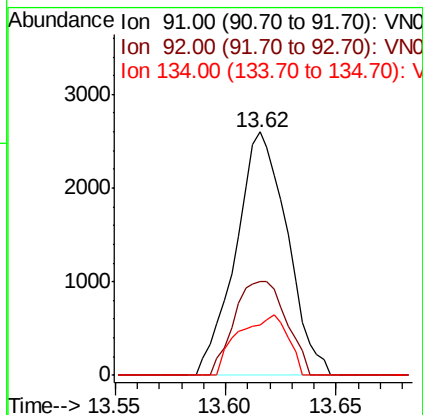
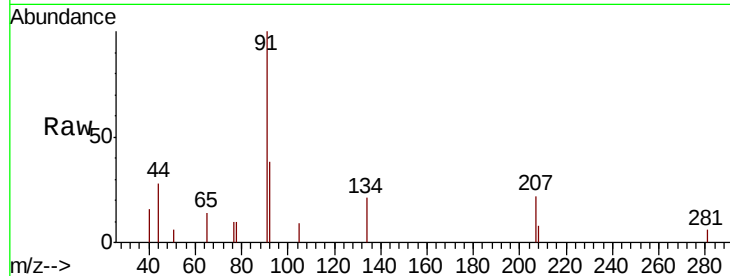




#89
n-Butylbenzene
Concen: 0.29 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051138.D
Acq: 12 Sep 2018 9:05

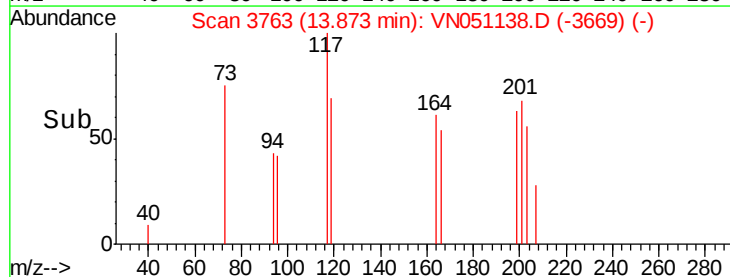
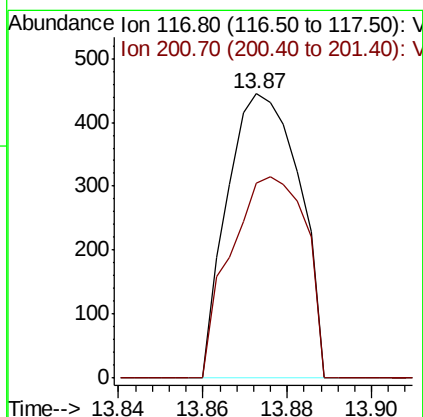
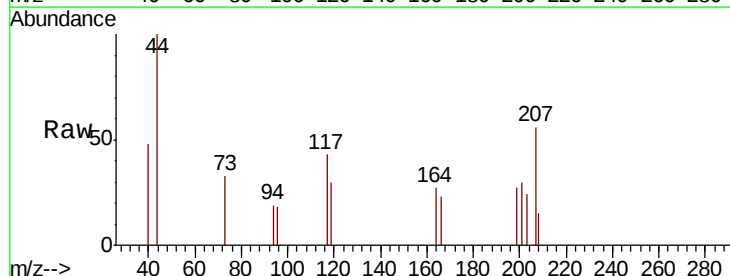
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL01

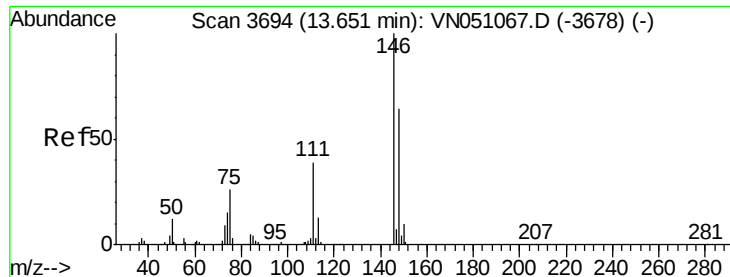
Tot Ion: 91 Resp: 4191
Ion Ratio Lower Upper
91 100
92 38.9 26.2 78.6
134 23.8 13.7 41.1



#90
Hexachloroethane
Concen: Below Cal
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN051138.D
Acq: 12 Sep 2018 9:05

Tgt Ion: 117 Resp: 527
Ion Ratio Lower Upper
117 100
201 73.6 47.3 142.0

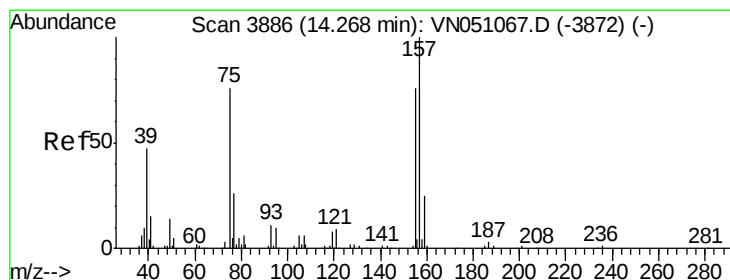
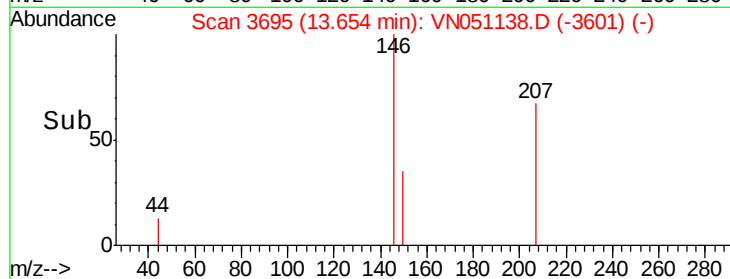
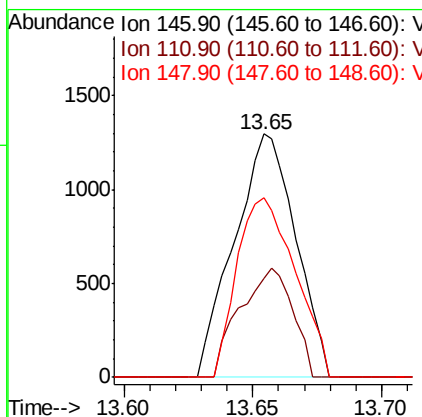
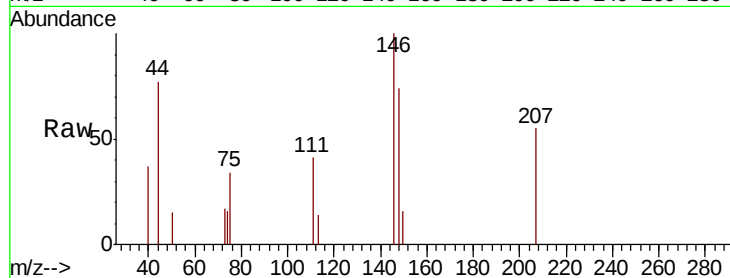




#91
 1,2-Dichlorobenzene
 Concen: 0.21 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051138.D
 Acq: 12 Sep 2018 9:05

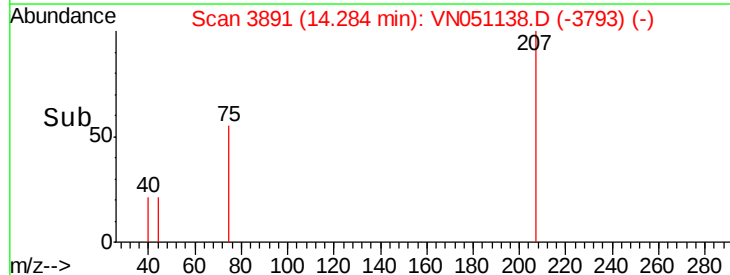
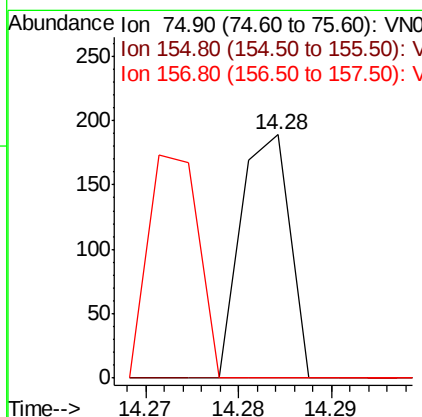
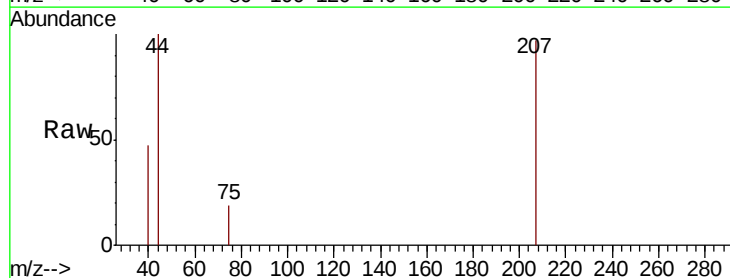
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBL01

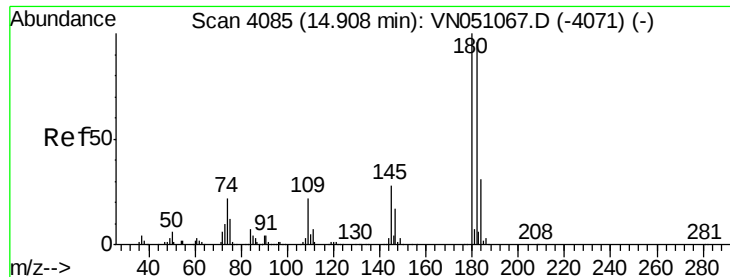
Tot Ion:146 Resp: 2150
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.7 59.0
 148 70.1 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.74 ug/l
 RT: 14.28 min Scan# 3891
 Delta R.T. 0.02 min
 Lab File: VN051138.D
 Acq: 12 Sep 2018 9:05

Tgt Ion: 75 Resp: 69
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.7 146.1#
 157 95.7 63.6 190.9

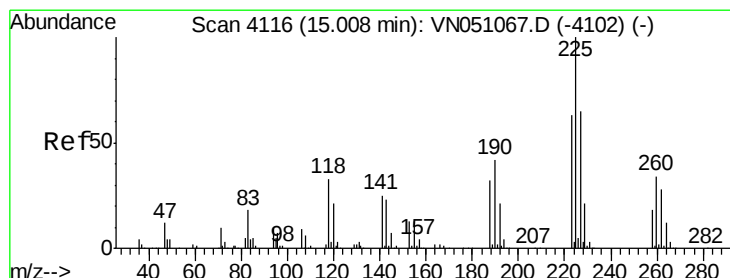
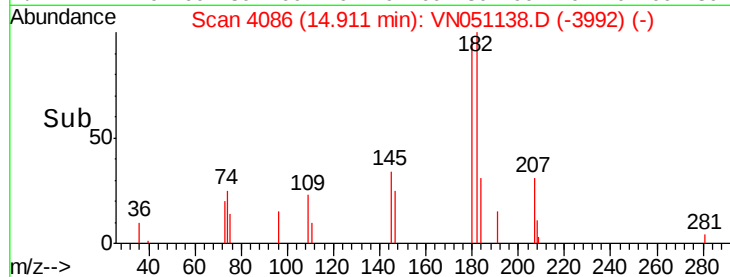
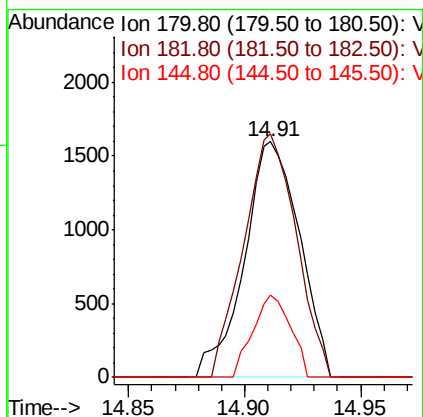
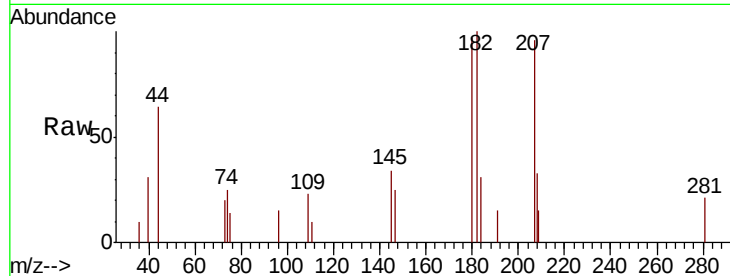




#93
 1,2,4-Trichlorobenzene
 Concen: 4.46 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051138.D
 Acq: 12 Sep 2018 9:05

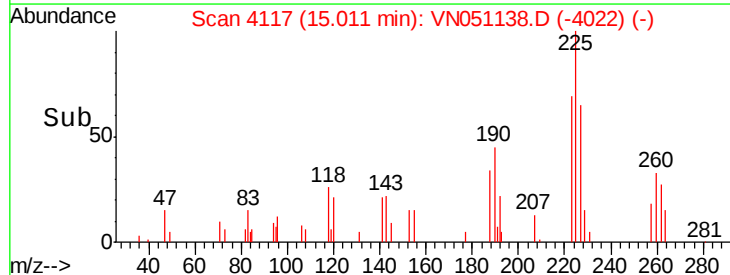
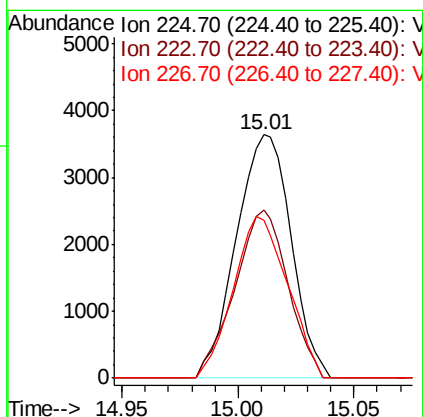
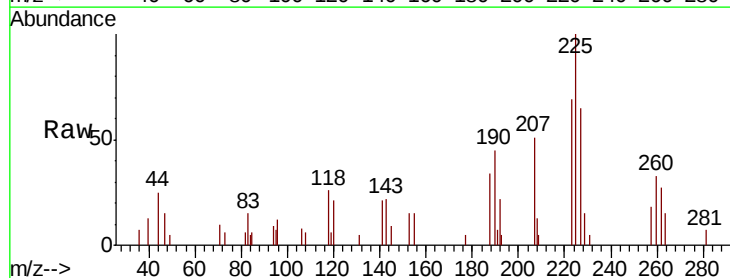
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBL01

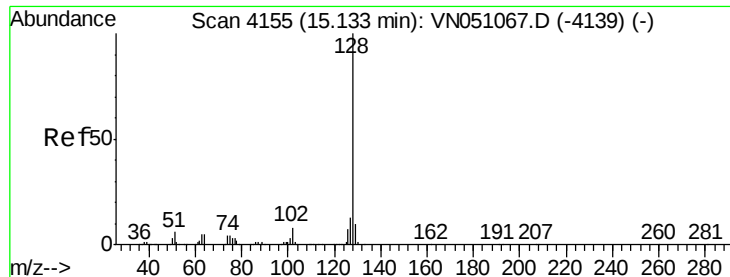
Tot Ion:180 Resp: 2646
 Ion Ratio Lower Upper
 180 100
 182 98.3 47.3 141.8
 145 23.8 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 0.21 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051138.D
 Acq: 12 Sep 2018 9:05

Tgt Ion:225 Resp: 5981
 Ion Ratio Lower Upper
 225 100
 223 66.8 31.4 94.0
 227 65.7 32.1 96.3





#95

Naphthalene

Concen: 5.88 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051138.D

Acq: 12 Sep 2018 9:05

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBL01

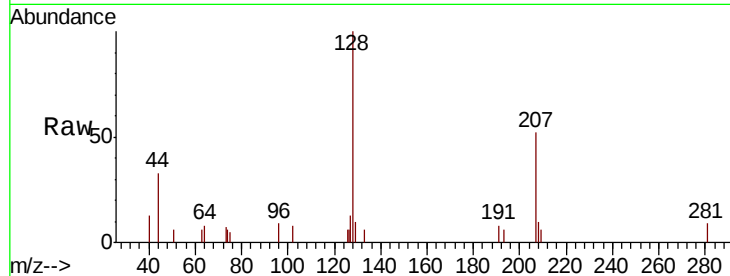
Tot Ion:128 Resp: 6357

Ion Ratio Lower Upper

128 100

127 9.1 10.6 15.8#

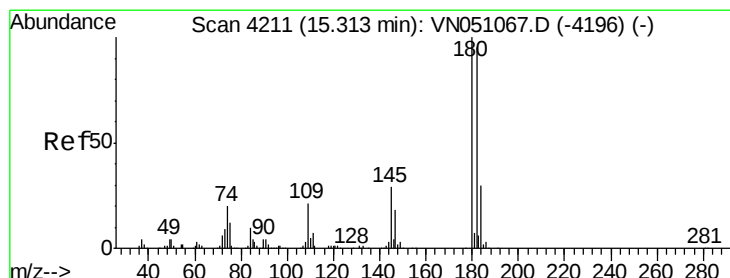
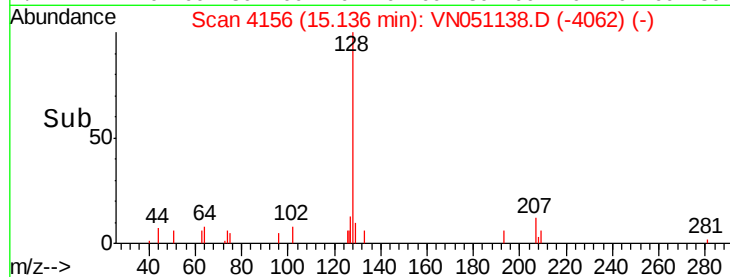
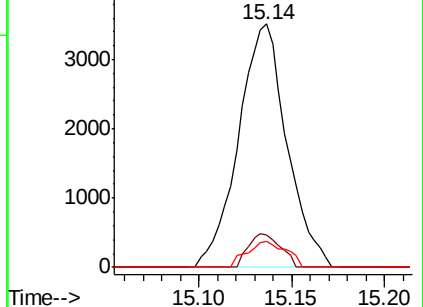
129 8.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.63 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051138.D

Acq: 12 Sep 2018 9:05

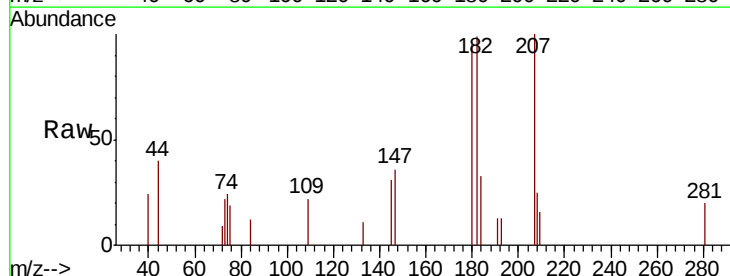
Tgt Ion:180 Resp: 3490

Ion Ratio Lower Upper

180 100

182 96.3 47.8 143.3

145 30.5 14.6 43.8



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

