

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080818\
 Data File : VN050460.D
 Acq On : 8 Aug 2018 15:39
 Operator : MD\SY
 Sample : PB111846TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111846TB

Quant Time: Aug 09 00:56:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	887997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1355058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1177063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	460466	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	549815	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	
35) Dibromofluoromethane	7.59	113	507080	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	
50) Toluene-d8	10.09	98	1872917	45.81	ug/l	0.00
Spiked Amount			Recovery	=	91.62%	
62) 4-Bromofluorobenzene	12.40	95	550591	39.52	ug/l	0.00
Spiked Amount			Recovery	=	79.04%	

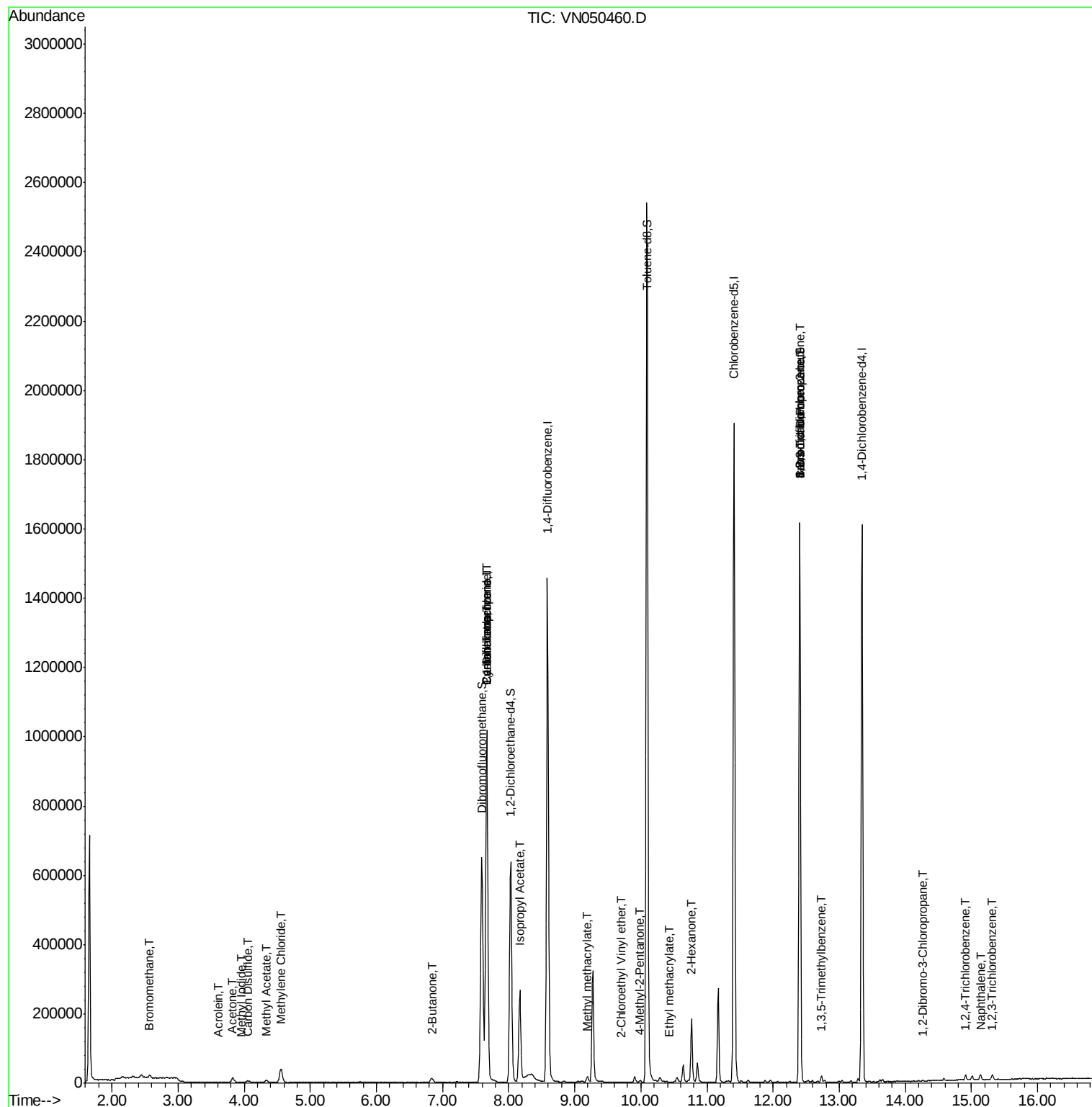
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3629	Below Cal	#	81
5) Bromomethane	2.57	94	5065	0.99	ug/l	100
10) Methyl Iodide	3.95	142	2233	0.50	ug/l	# 83
13) Acrolein	3.61	56	387	15.32	ug/l	87
16) Acetone	3.82	43	24067	6.45	ug/l	99
17) Carbon Disulfide	4.05	76	8032	0.26	ug/l	97
18) Methyl Acetate	4.33	43	11847	1.10	ug/l	# 87
20) Methylene Chloride	4.55	84	32053	1.46	ug/l	95
25) 2-Butanone	6.85	43	5828	0.99	ug/l	# 87
31) Cyclohexane	7.67	56	16023	0.32	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	58331	3.92	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	77672	5.00	ug/l	# 16
43) Isopropyl Acetate	8.17	43	314927	17.01	ug/l	97
48) Methyl methacrylate	9.18	41	9404	1.01	ug/l	# 12
51) 4-Methyl-2-Pentanone	9.99	43	5498	0.41	ug/l	88
56) Ethyl methacrylate	10.43	69	250	1.73	ug/l	# 41
58) 2-Chloroethyl Vinyl ether	9.70	63	310	7.44	ug/l	# 48
59) 2-Hexanone	10.77	43	27811	2.99	ug/l	# 61
71) Bromoform	12.40	173	3698	0.47	ug/l	# 1
76) 1,2,3-Trichloropropane	12.40	75	262824	31.53	ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.73	105	8246	0.29	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	262824	110.79	ug/l	# 13
92) 1,2-Dibromo-3-Chloropropan	14.26	75	390	0.23	ug/l	# 11
93) 1,2,4-Trichlorobenzene	14.91	180	5250	0.62	ug/l	98
94) Hexachlorobutadiene	15.01	225	2544	Below Cal		96
95) Naphthalene	15.14	128	14079	4.21	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	5301	0.62	ug/l	97

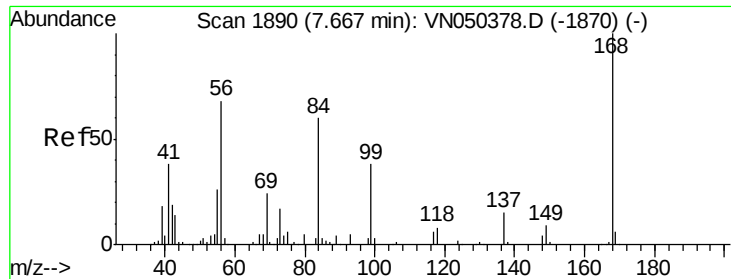
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080818\
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Quant Time: Aug 09 00:56:43 2018
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

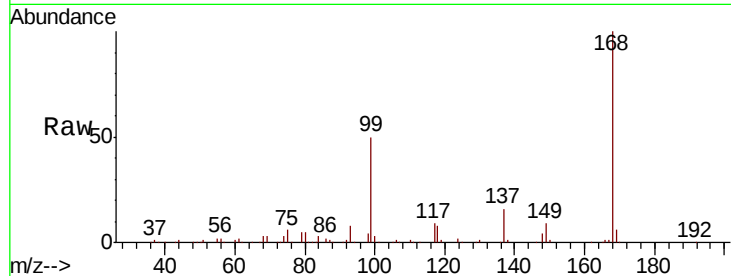
PB111846TB

Tot Ion:168 Resp: 887997

Ion Ratio Lower Upper

168 100

99 50.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

400000

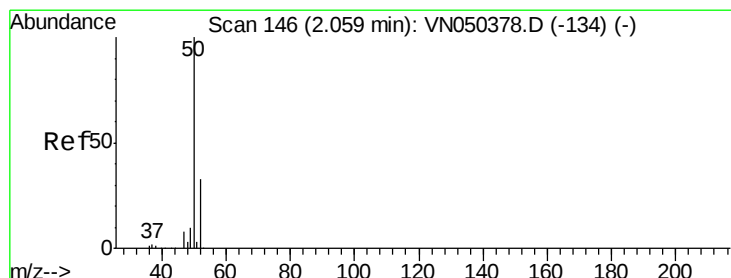
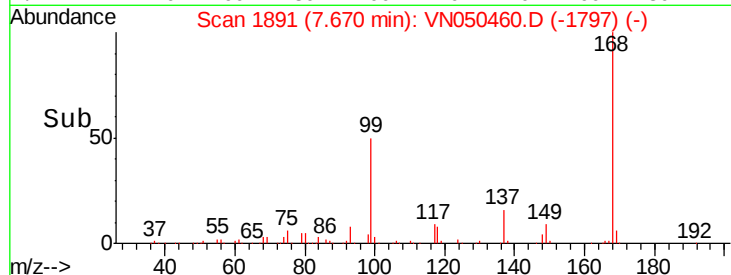
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050460.D

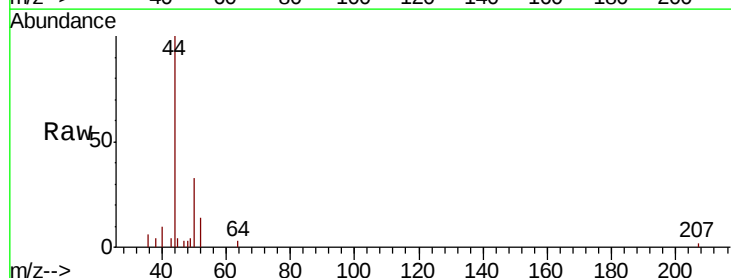
Acq: 8 Aug 2018 15:39

Tgt Ion: 50 Resp: 3629

Ion Ratio Lower Upper

50 100

52 42.8 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VN050378.D (-134) (-)

Ion 51.90 (51.60 to 52.60): VN050378.D (-134) (-)

2.06

2500

2000

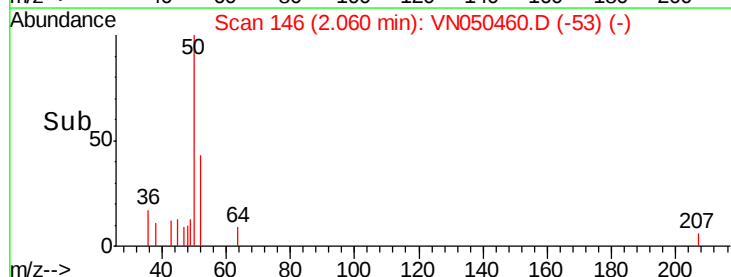
1500

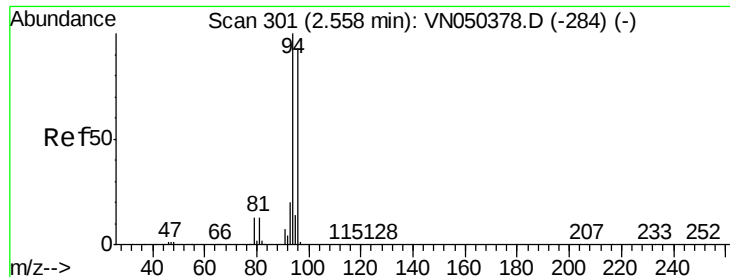
1000

500

0

Time-->





#5

Bromomethane

Concen: 0.99 ug/l

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

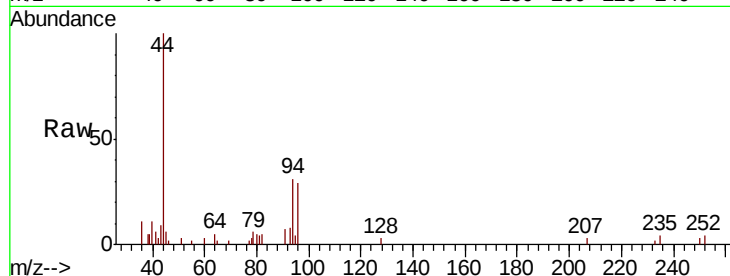
PB111846TB

Tot Ion: 94 Resp: 5065

Ion Ratio Lower Upper

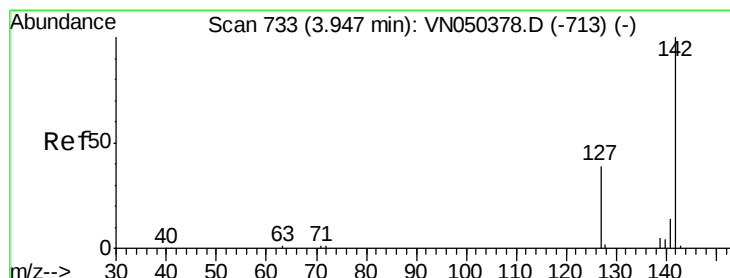
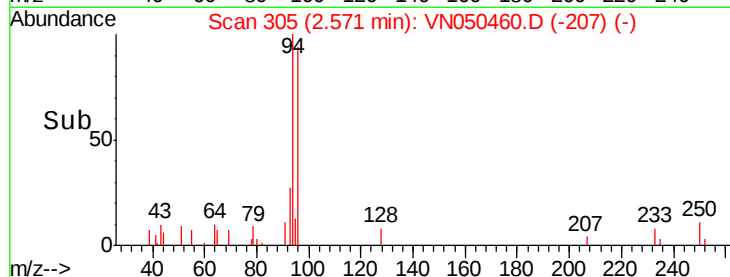
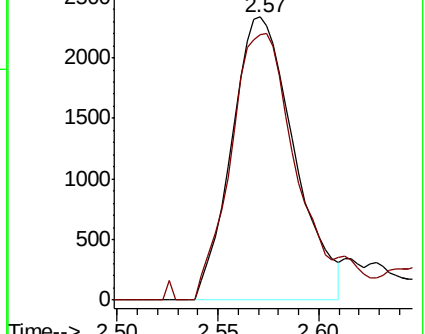
94 100

96 93.7 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN050378.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050378.D (-284) (-)



#10

Methyl Iodide

Concen: 0.50 ug/l

RT: 3.95 min Scan# 734

Delta R.T. 0.00 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

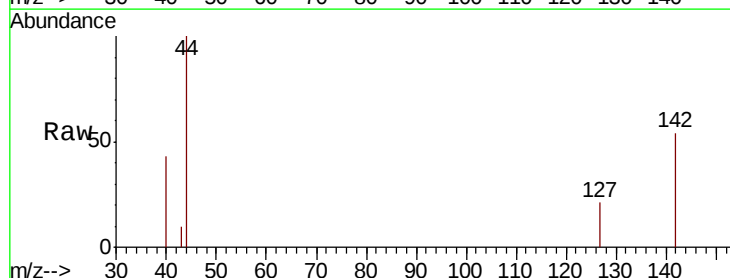
Tgt Ion: 142 Resp: 2233

Ion Ratio Lower Upper

142 100

127 35.3 33.4 50.2

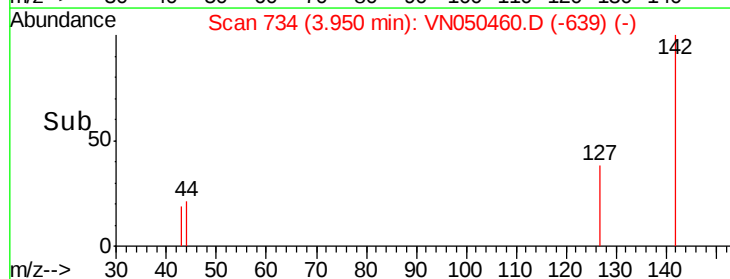
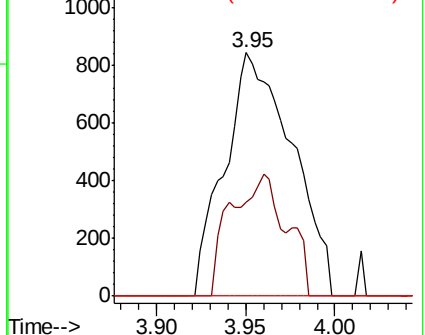
141 0.0 11.6 17.4#

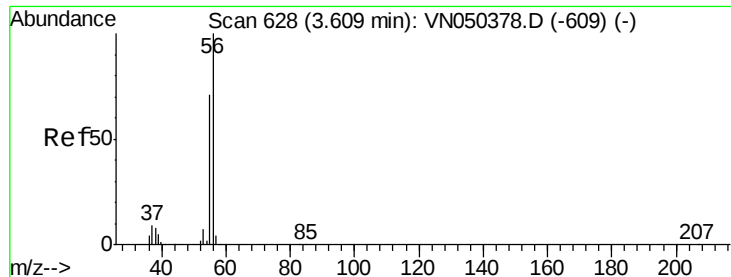


Abundance Ion 141.80 (141.50 to 142.50): VN050378.D (-713) (-)

Ion 126.80 (126.50 to 127.50): VN050378.D (-713) (-)

Ion 140.80 (140.50 to 141.50): VN050378.D (-713) (-)





#13

Acrolein

Concen: 15.32 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

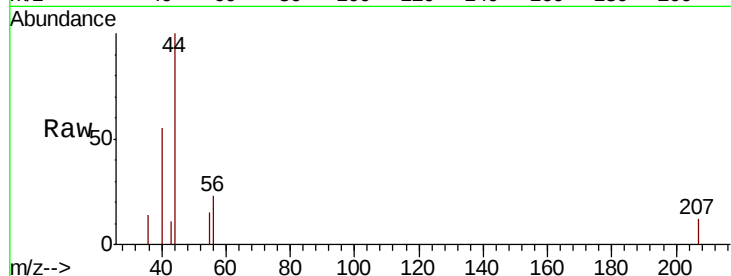
PB111846TB

Tot Ion: 56 Resp: 387

Ion Ratio Lower Upper

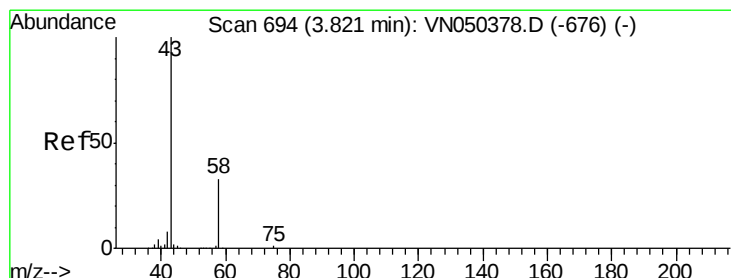
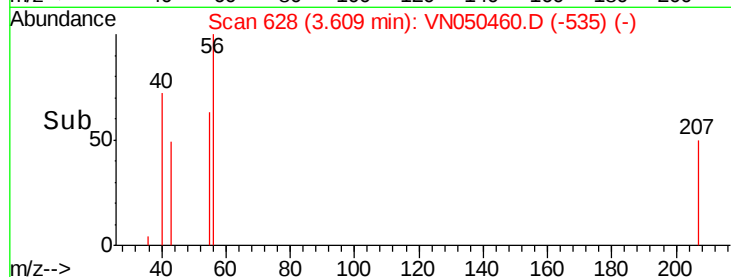
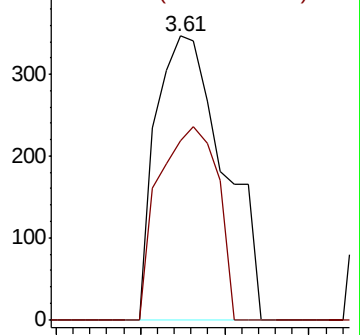
56 100

55 59.4 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 6.45 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050460.D

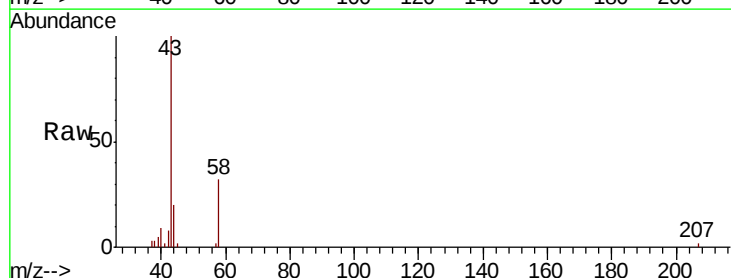
Acq: 8 Aug 2018 15:39

Tgt Ion: 43 Resp: 24067

Ion Ratio Lower Upper

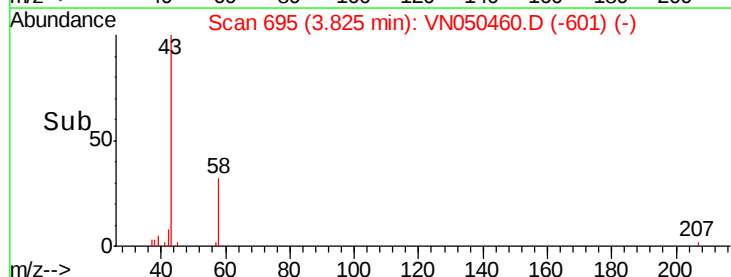
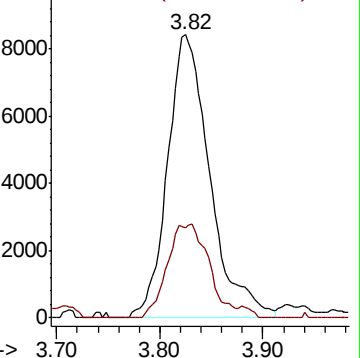
43 100

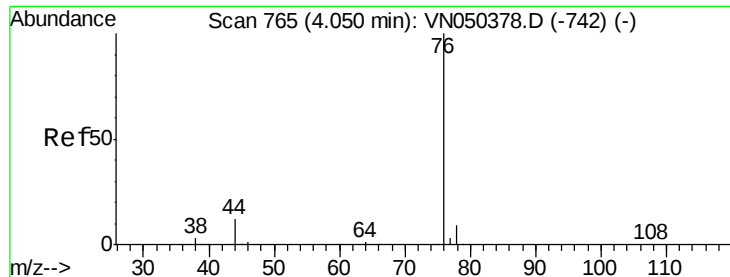
58 32.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

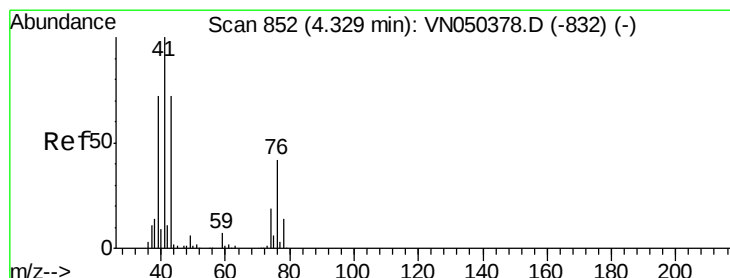
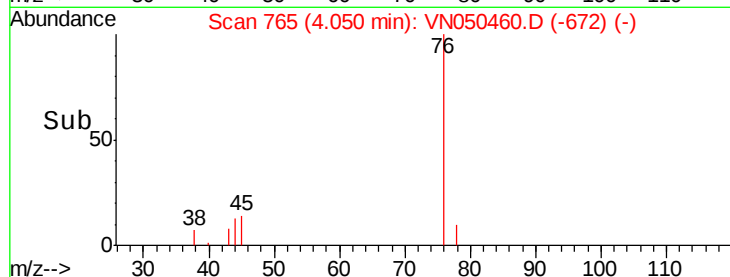
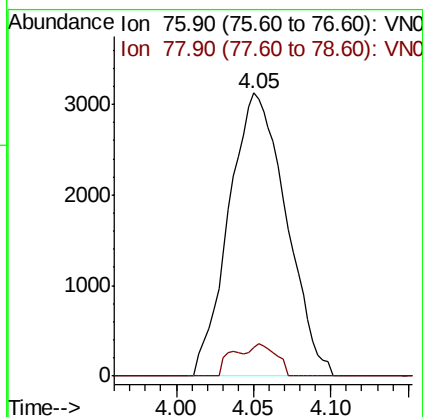
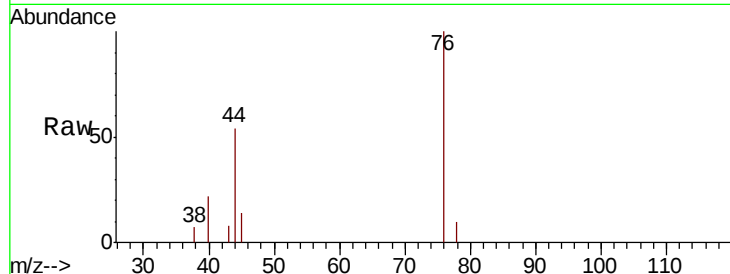




#17
Carbon Disulfide
Concen: 0.26 ug/l
RT: 4.05 min Scan# 765
Delta R.T. 0.00 min
Lab File: VN050460.D
Acq: 8 Aug 2018 15:39

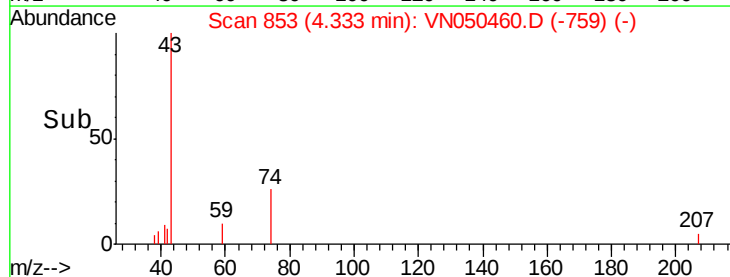
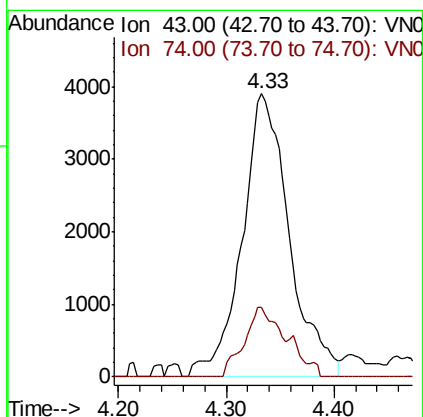
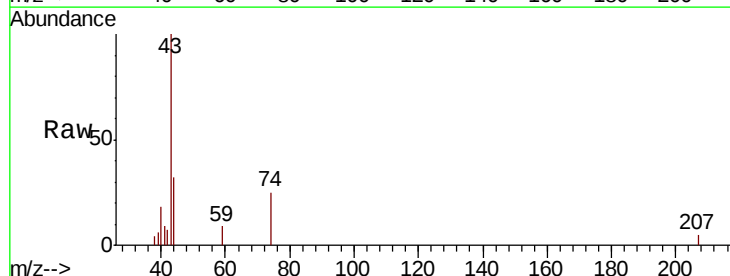
Instrument :
MSVOA_N
ClientSampleId :
PB111846TB

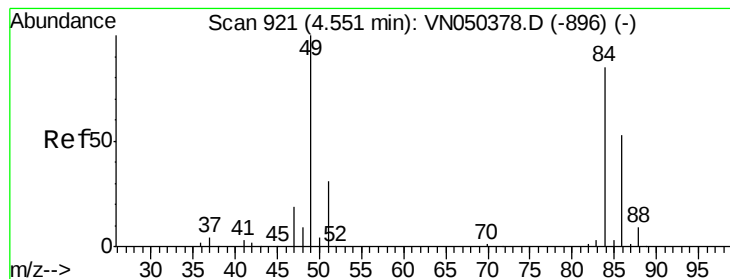
Tot Ion: 76 Resp: 8032
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9



#18
Methyl Acetate
Concen: 1.10 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050460.D
Acq: 8 Aug 2018 15:39

Tgt Ion: 43 Resp: 11847
Ion Ratio Lower Upper
43 100
74 17.6 19.2 28.8#





#20

Methvlene Chloride

Concen: 1.46 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

PB111846TB

Tot Ion: 84 Resp: 32053

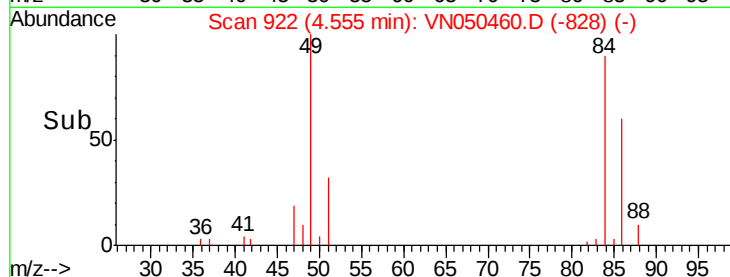
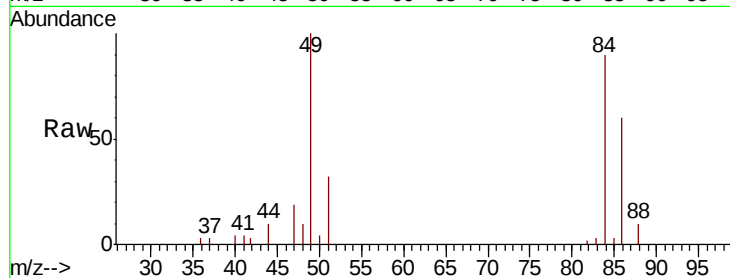
Ion Ratio Lower Upper

84 100

49 110.7 94.8 142.2

51 35.0 28.3 42.5

86 66.2 51.0 76.6

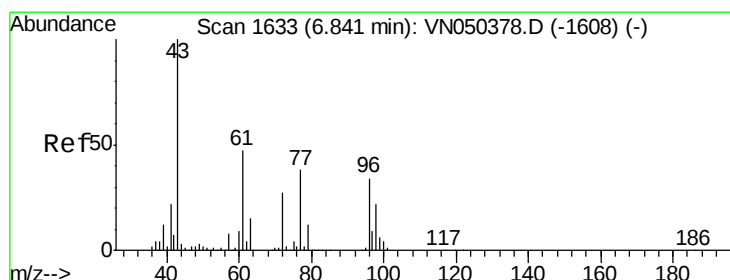
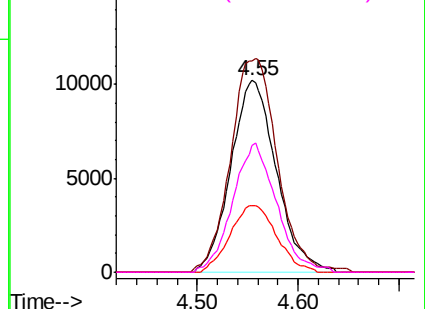


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#25

2-Butanone

Concen: 0.99 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN050460.D

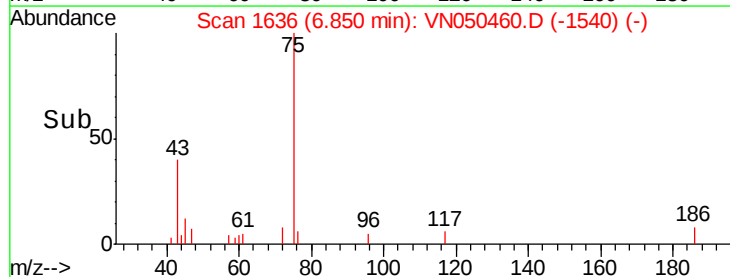
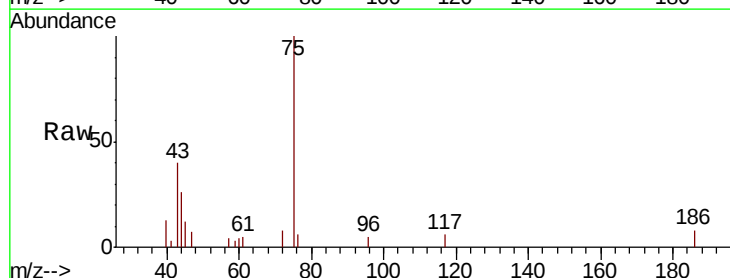
Acq: 8 Aug 2018 15:39

Tgt Ion: 43 Resp: 5828

Ion Ratio Lower Upper

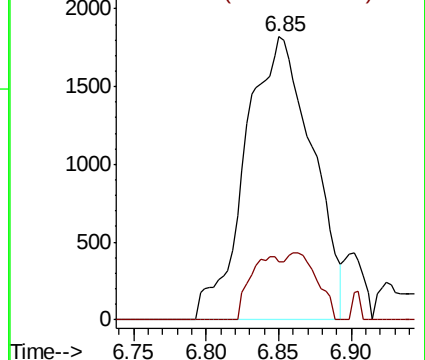
43 100

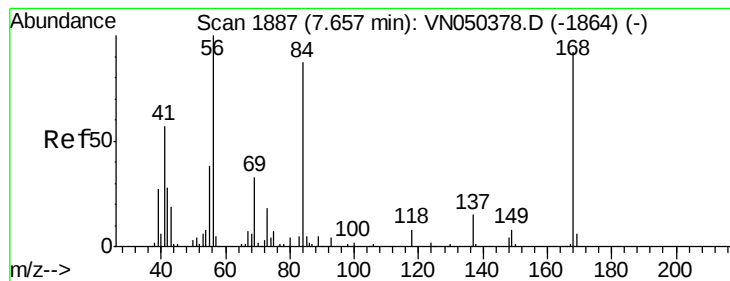
72 20.3 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO





#31

Cyclohexane

Concen: 0.32 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

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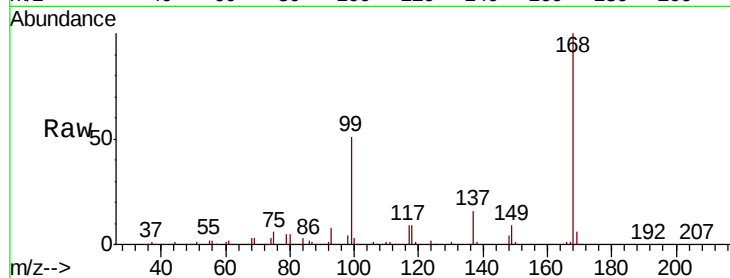
Tot Ion: 56 Resp: 16023

Ion Ratio Lower Upper

56 100

69 187.2 26.2 39.4#

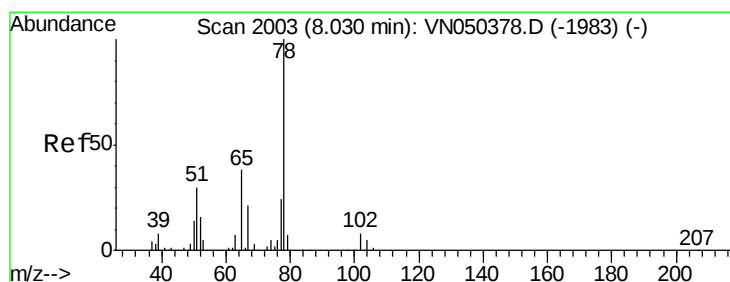
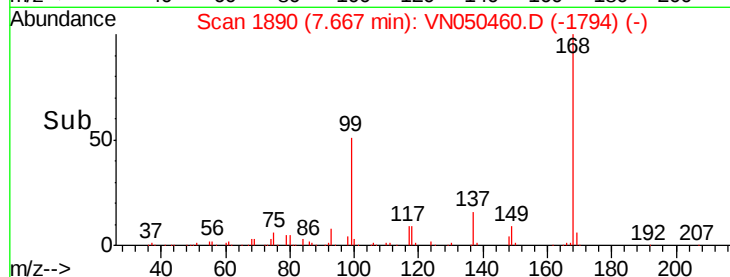
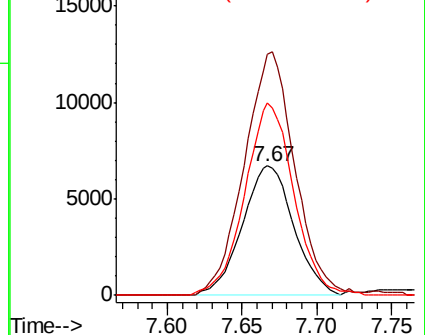
84 149.6 67.4 101.0#



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: 46.34 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050460.D

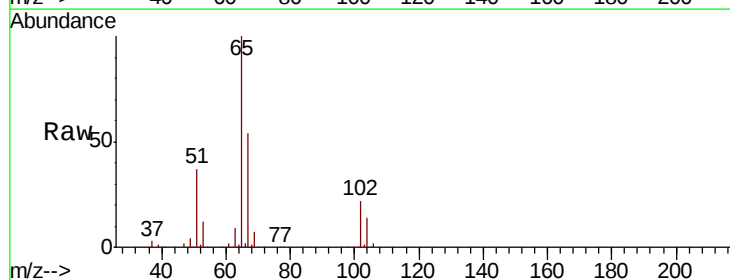
Acq: 8 Aug 2018 15:39

Tgt Ion: 65 Resp: 549815

Ion Ratio Lower Upper

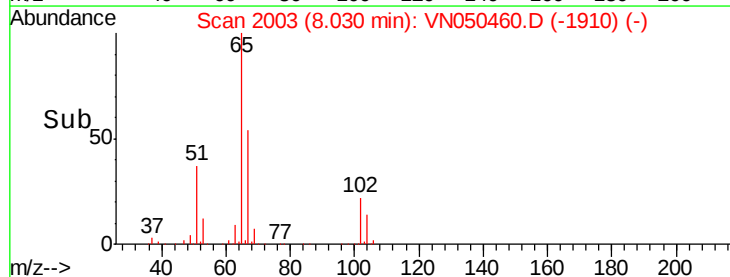
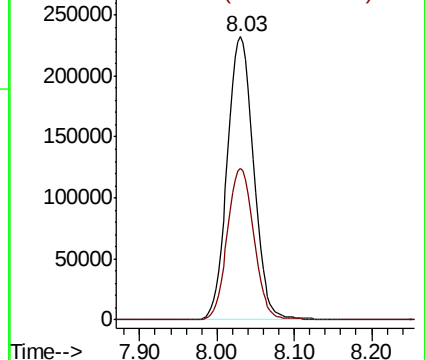
65 100

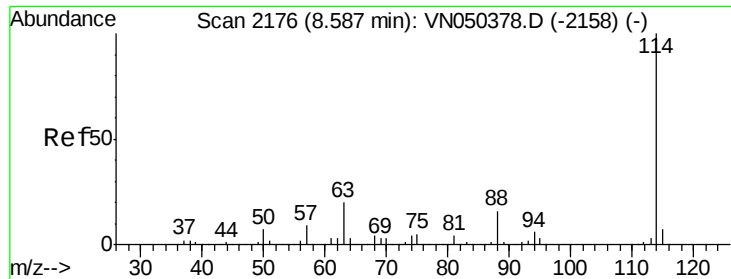
67 53.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

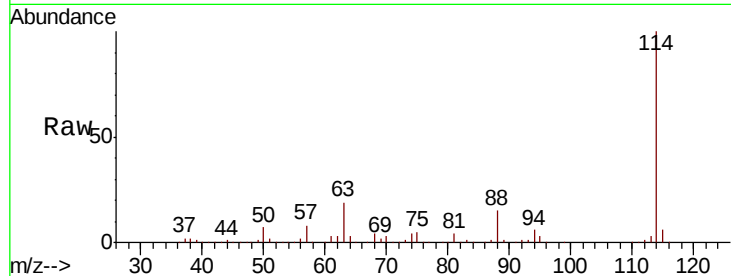




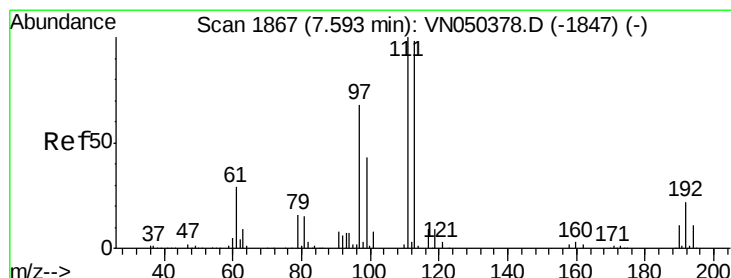
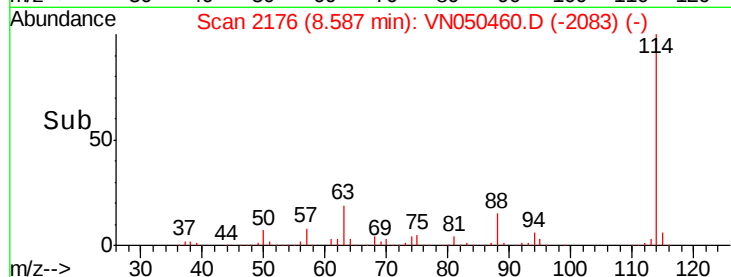
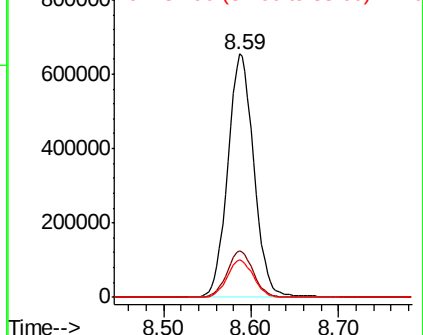
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050460.D
 Acq: 8 Aug 2018 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111846TB

Tot Ion:114 Resp: 1355058
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 15.4 0.0 31.2

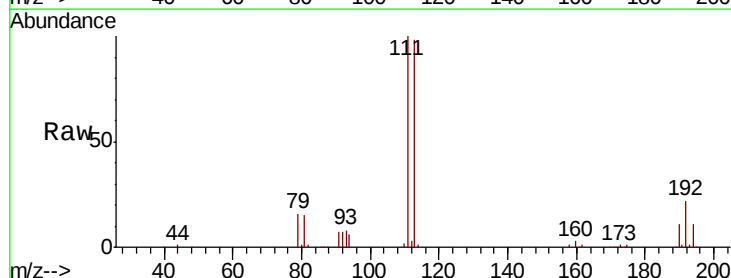


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

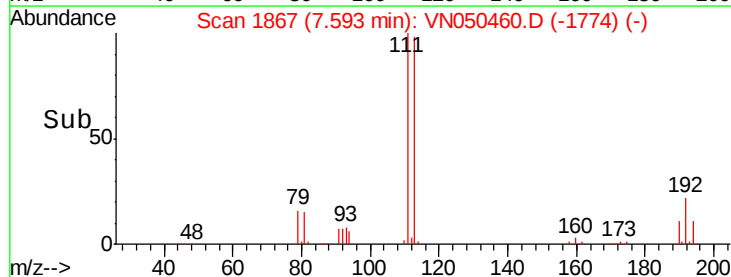
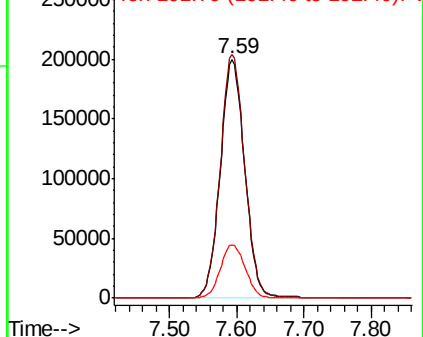


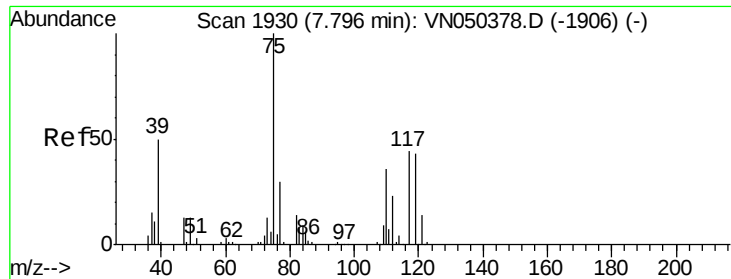
#35
 Dibromofluoromethane
 Concen: 46.64 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050460.D
 Acq: 8 Aug 2018 15:39

Tgt Ion:113 Resp: 507080
 Ion Ratio Lower Upper
 113 100
 111 102.3 80.7 121.1
 192 22.6 17.8 26.6



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

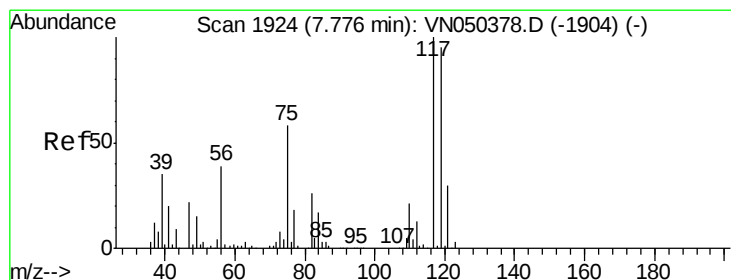
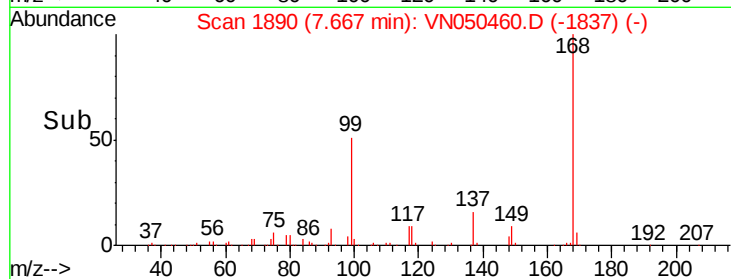
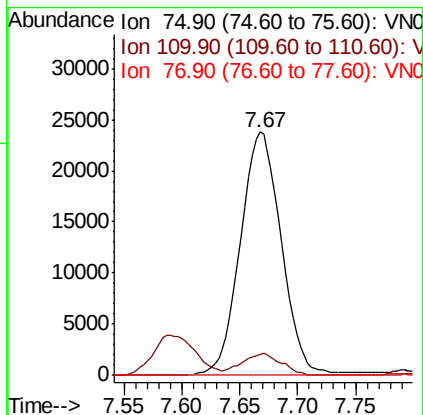
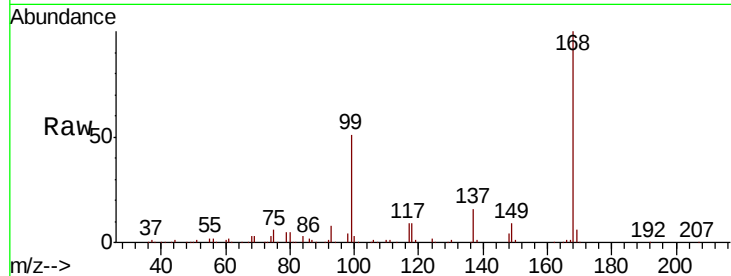




#36
 1,1-Dichloropropene
 Concen: 3.92 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050460.D
 Acq: 8 Aug 2018 15:39

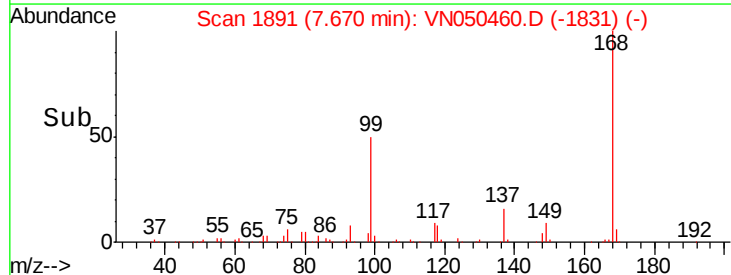
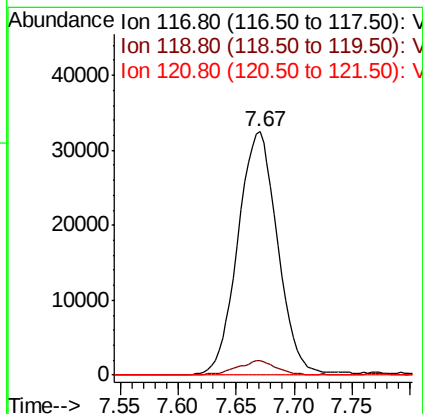
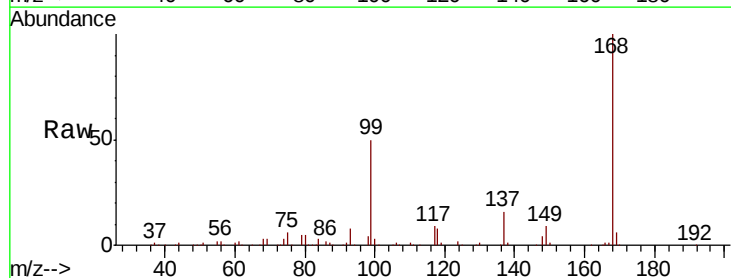
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111846TB

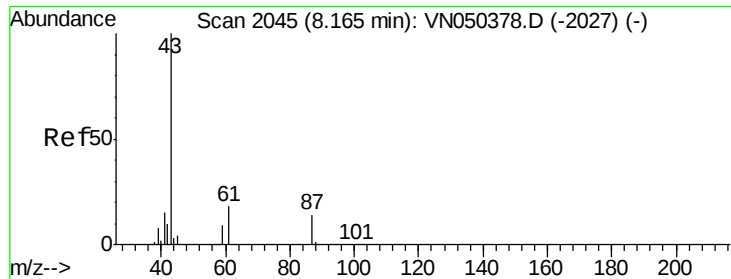
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.4	55.2#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 5.00 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.11 min
 Lab File: VN050460.D
 Acq: 8 Aug 2018 15:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	77.4	116.0#
121	0.0	23.9	35.9#





#43

Isopropyl Acetate

Concen: 17.01 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

PB111846TB

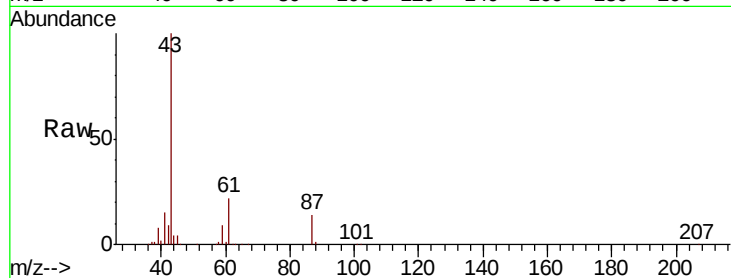
Tot Ion: 43 Resp: 314927

Ion Ratio Lower Upper

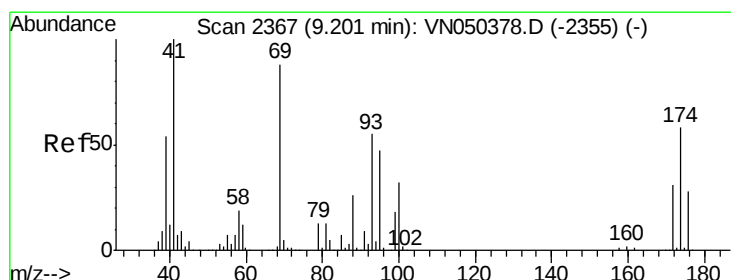
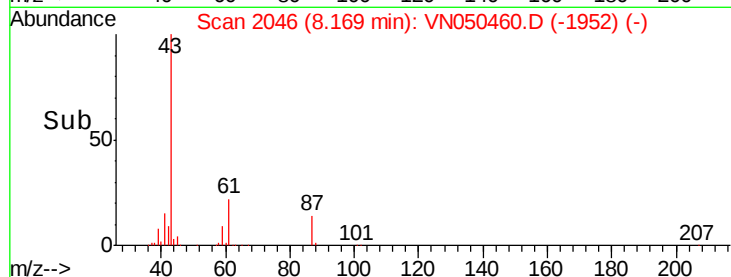
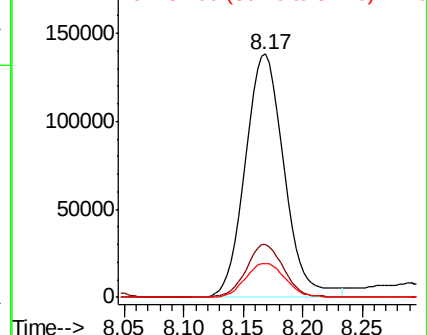
43 100

61 20.9 15.8 23.6

87 14.3 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 61.00 (60.70 to 61.70): VNC
Ion 87.00 (86.70 to 87.70): VNC



#48

Methyl methacrylate

Concen: 1.01 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

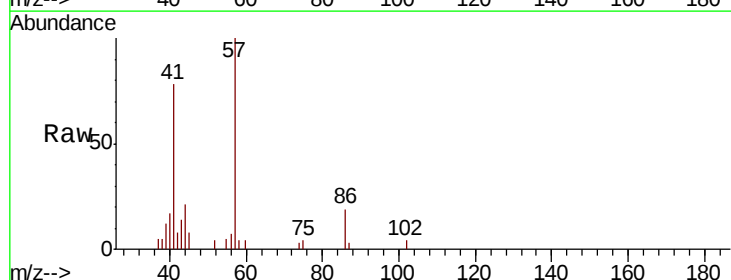
Tgt Ion: 41 Resp: 9404

Ion Ratio Lower Upper

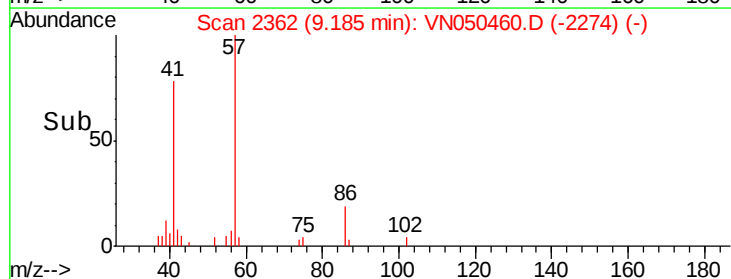
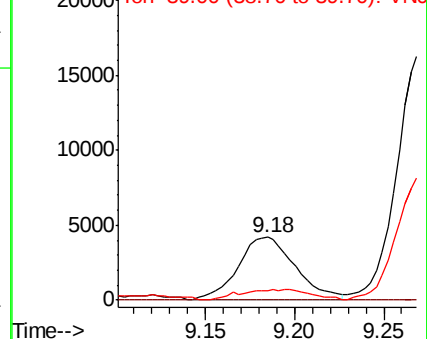
41 100

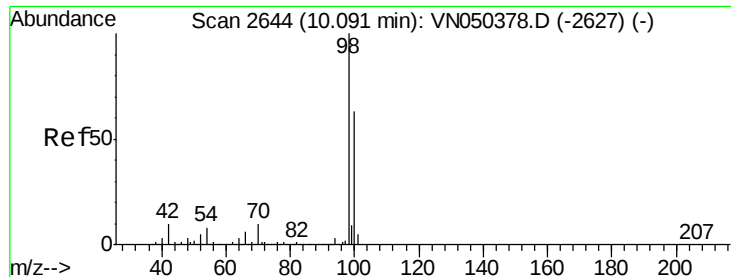
69 0.0 70.6 105.8#

39 0.0 43.9 65.9#



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC





#50

Toluene-d8

Concen: 45.81 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

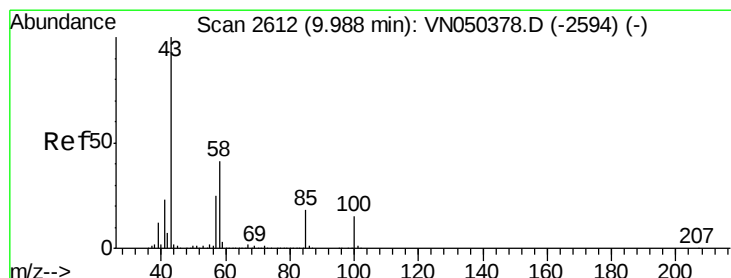
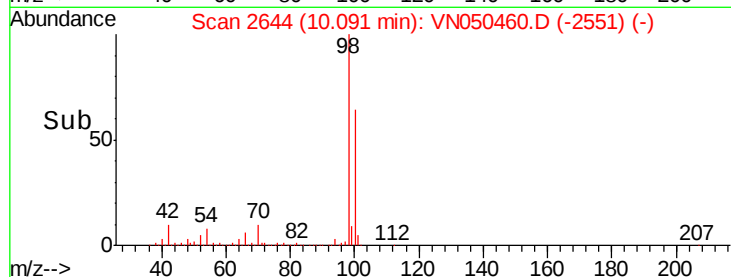
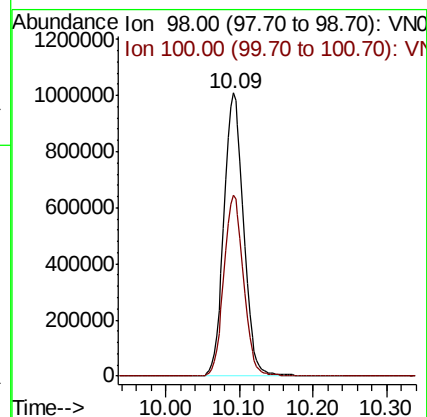
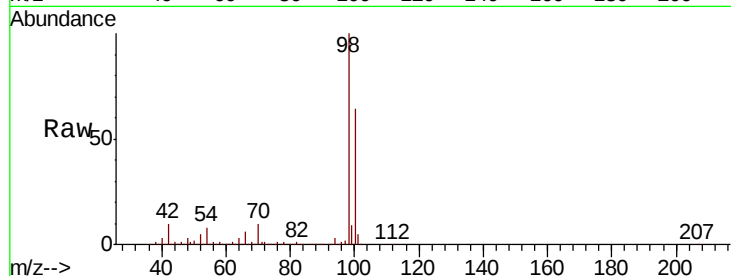
PB111846TB

Tot Ion: 98 Resp: 1872917

Ion Ratio Lower Upper

98 100

100 64.0 50.7 76.1



#51

4-Methyl-2-Pentanone

Concen: 0.41 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050460.D

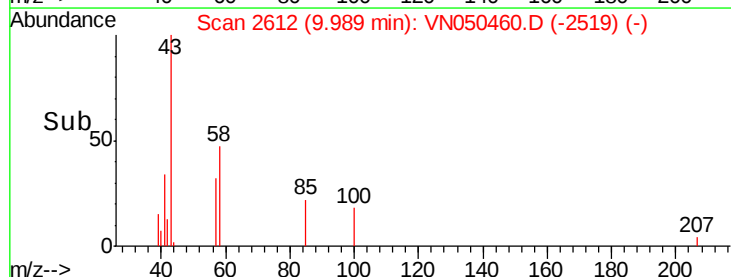
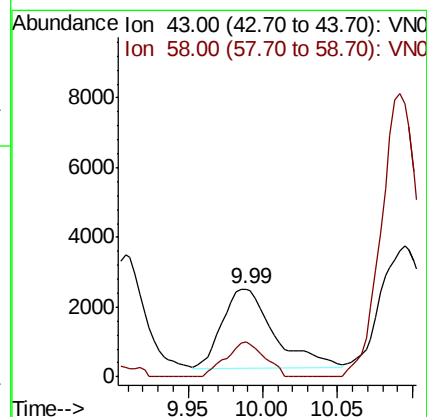
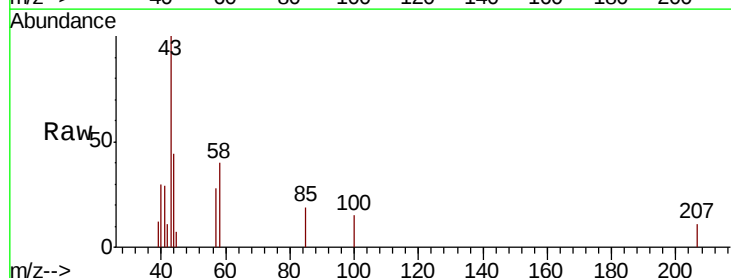
Acq: 8 Aug 2018 15:39

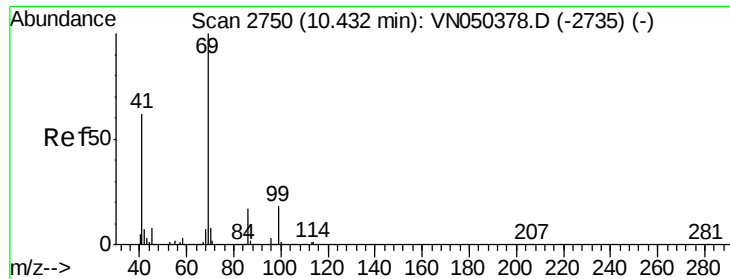
Tgt Ion: 43 Resp: 5498

Ion Ratio Lower Upper

43 100

58 32.6 31.9 47.9





#56

Ethyl methacrylate

Concen: 1.73 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

PB111846TB

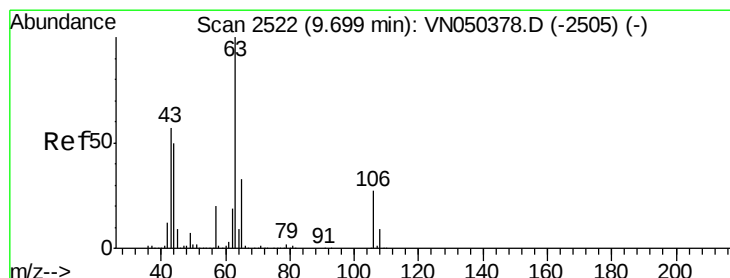
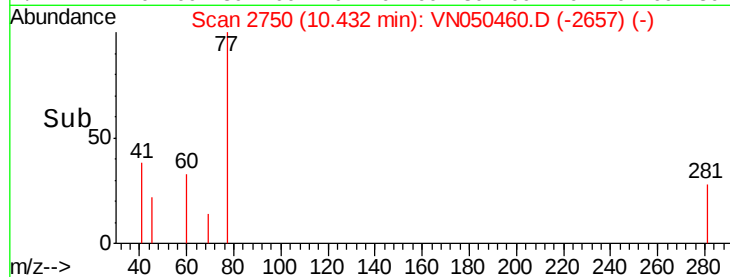
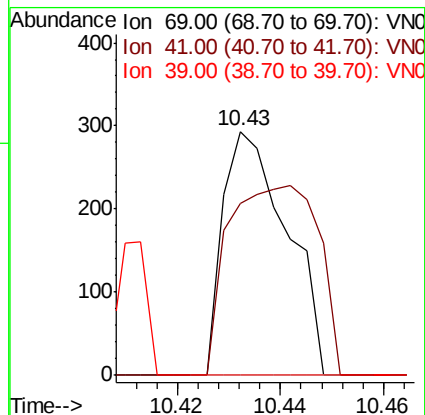
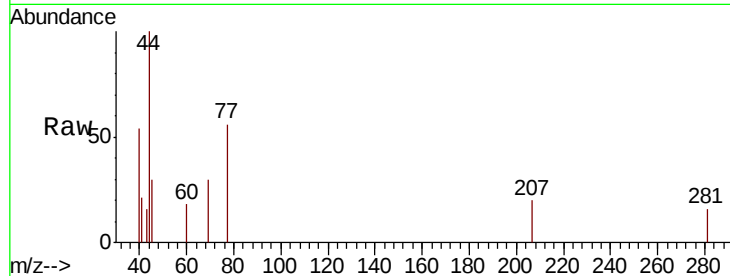
Tot Ion: 69 Resp: 250

Ion Ratio Lower Upper

69 100

41 109.6 51.0 76.4#

39 0.0 26.6 40.0#



#58

2-Chloroethyl Vinyl ether

Concen: 7.44 ug/l

RT: 9.70 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VN050460.D

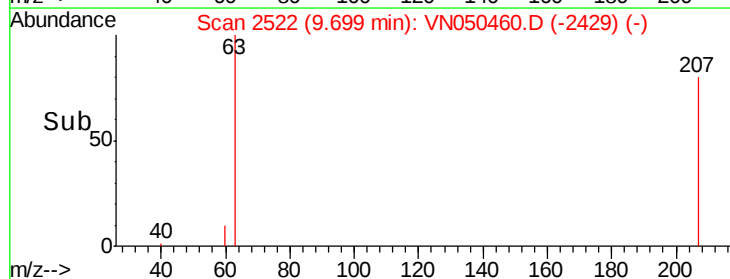
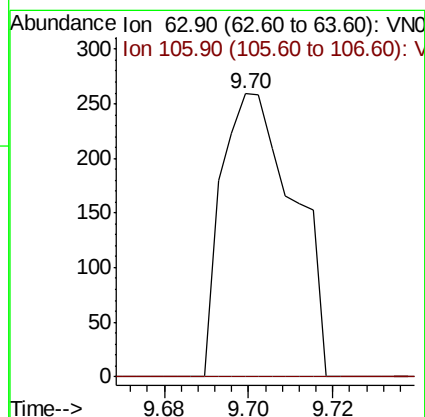
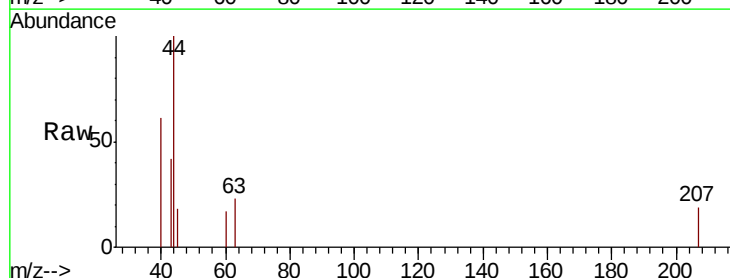
Acq: 8 Aug 2018 15:39

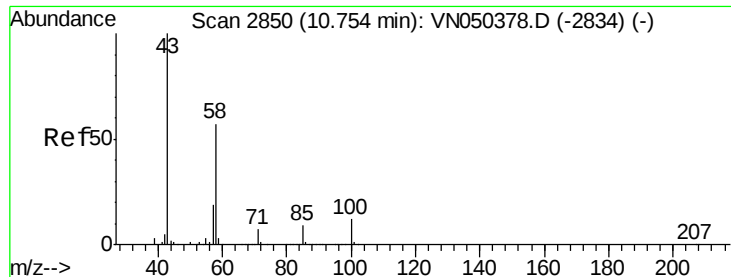
Tgt Ion: 63 Resp: 310

Ion Ratio Lower Upper

63 100

106 0.0 21.7 32.5#





#59

2-Hexanone

Concen: 2.99 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

Instrument :

MSVOA_N

ClientSampled :

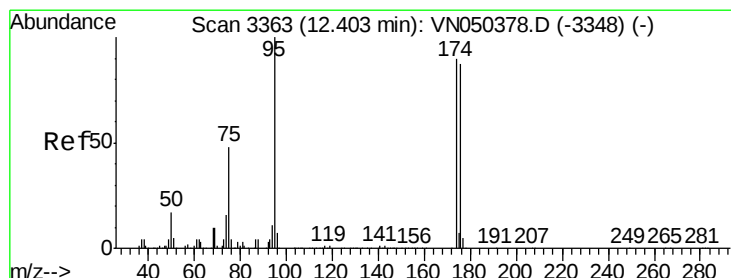
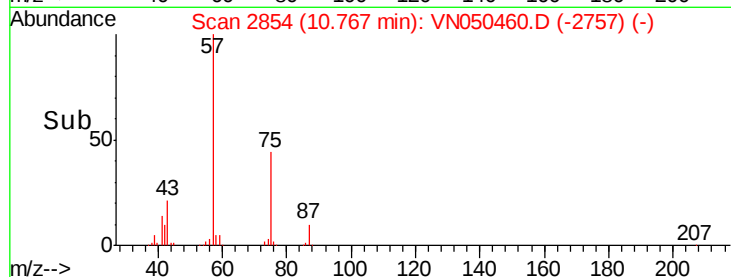
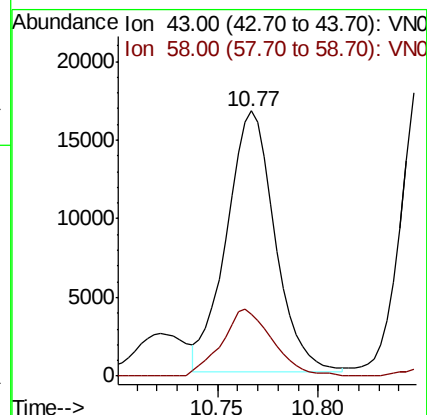
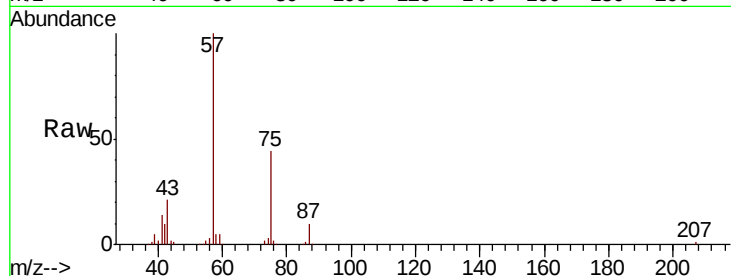
PB111846TB

Tot Ion: 43 Resp: 27811

Ion Ratio Lower Upper

43 100

58 27.0 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 39.52 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

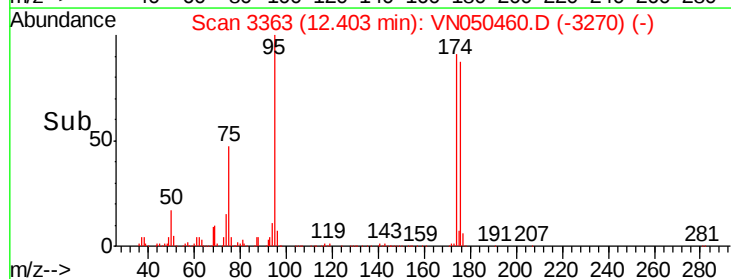
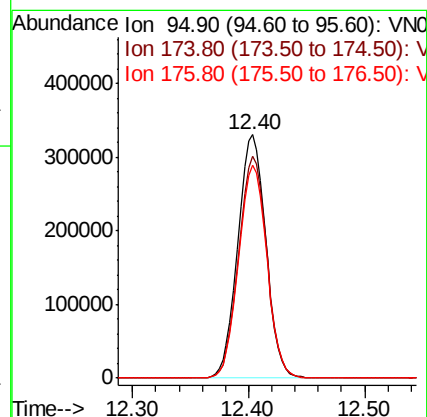
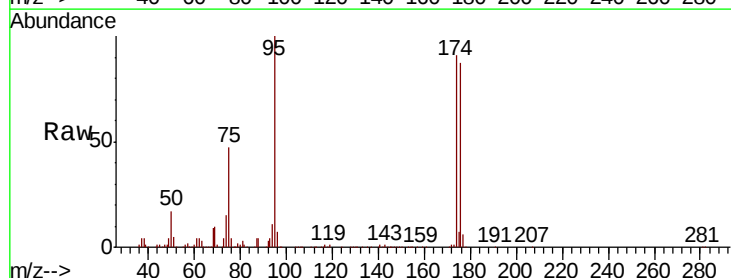
Tgt Ion: 95 Resp: 550591

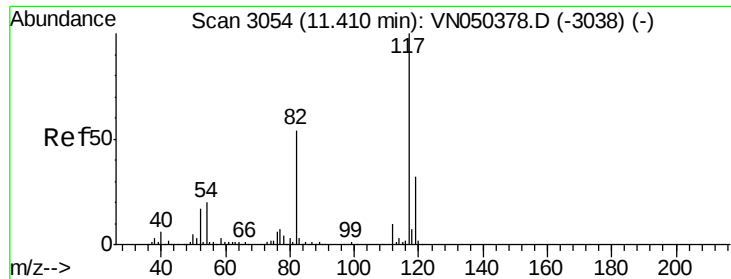
Ion Ratio Lower Upper

95 100

174 91.9 0.0 178.2

176 88.4 0.0 173.4

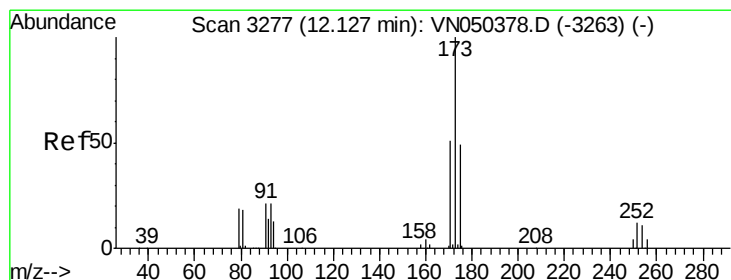
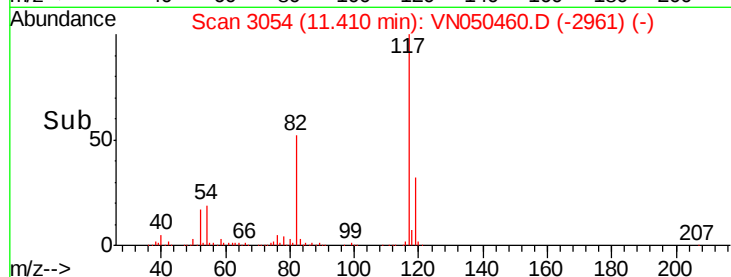
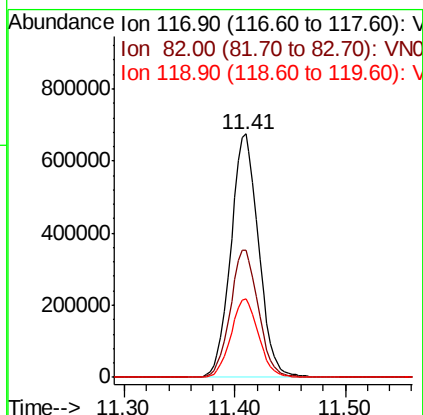
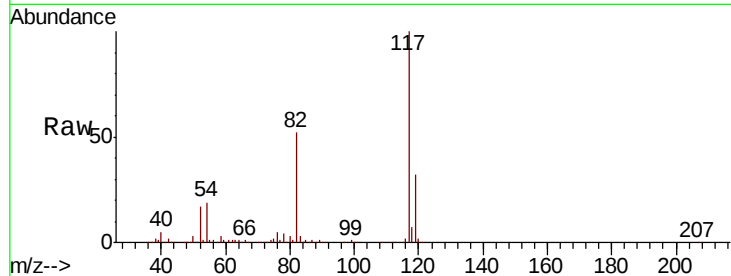




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050460.D
Acq: 8 Aug 2018 15:39

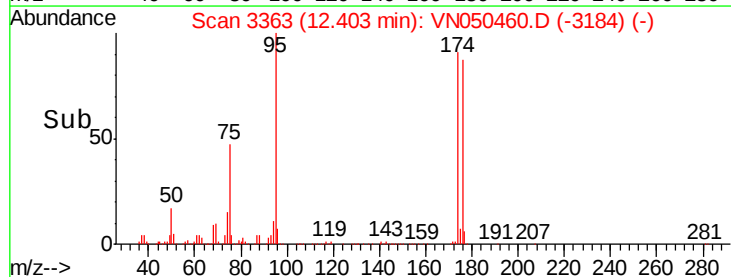
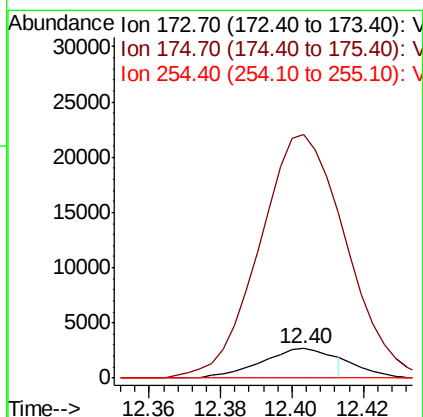
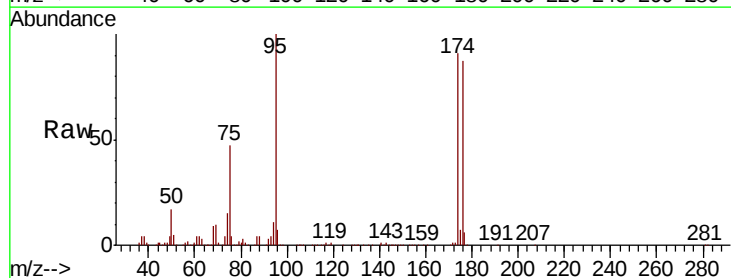
Instrument :
MSVOA_N
ClientSampleId :
PB111846TB

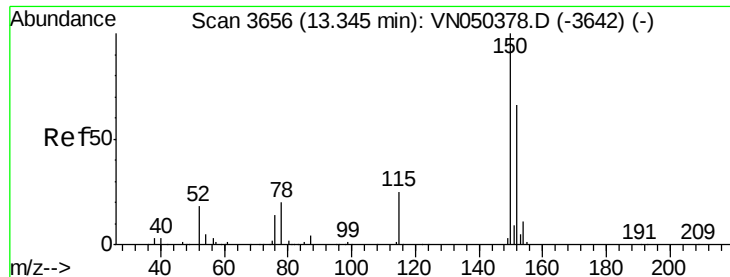
Tot Ion:117 Resp: 1177063
Ion Ratio Lower Upper
117 100
82 52.2 43.7 65.5
119 32.0 26.1 39.1



#71
Bromoform
Concen: 0.47 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN050460.D
Acq: 8 Aug 2018 15:39

Tgt Ion:173 Resp: 3698
Ion Ratio Lower Upper
173 100
175 842.6 24.1 72.2#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

PB111846TB

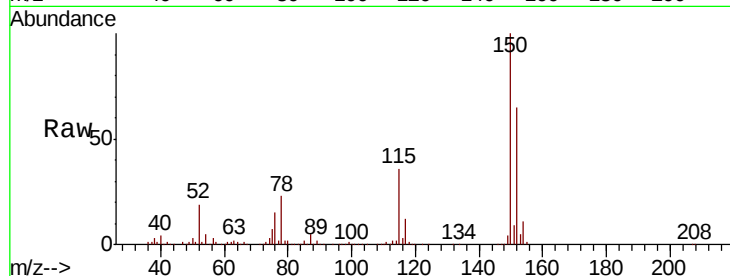
Tot Ion:152 Resp: 460466

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.3

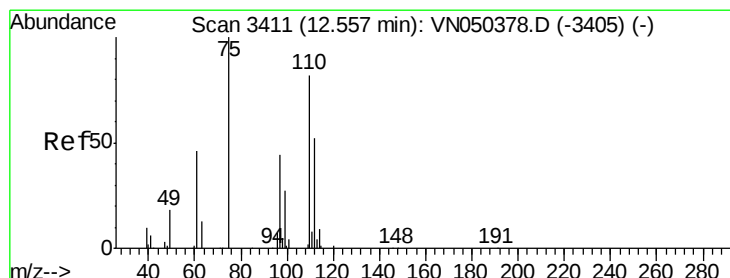
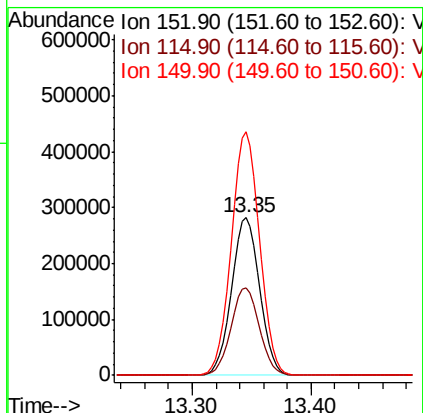
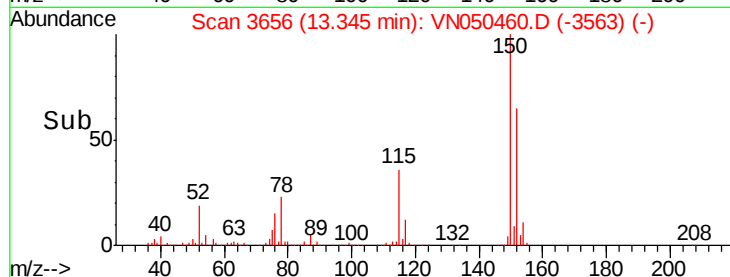
150 154.9 0.0 348.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 31.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050460.D

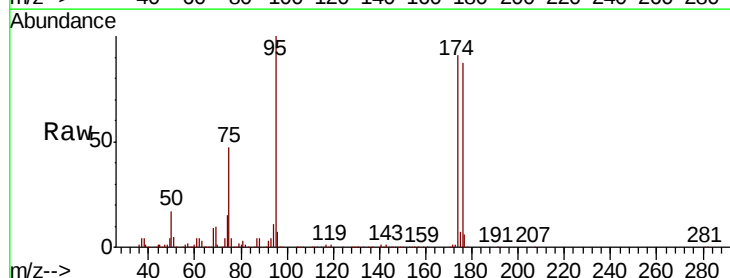
Acq: 8 Aug 2018 15:39

Tgt Ion: 75 Resp: 262824

Ion Ratio Lower Upper

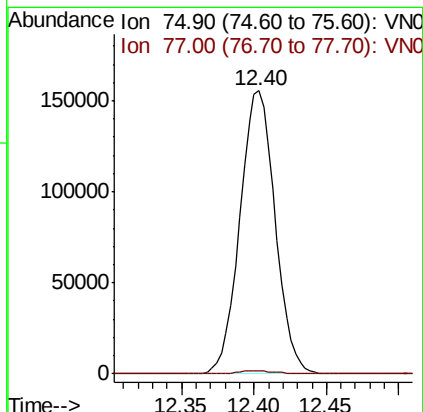
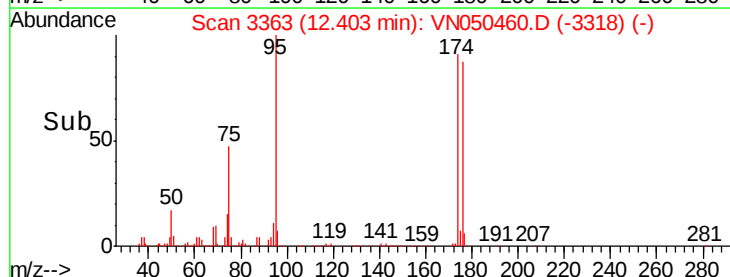
75 100

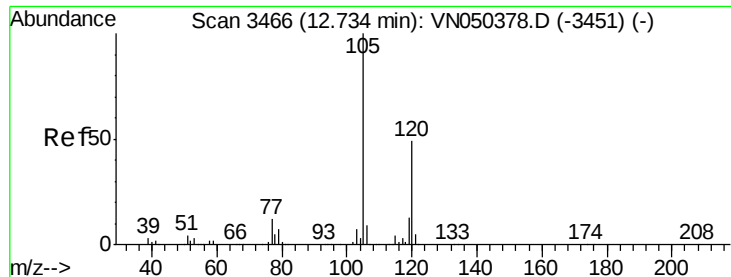
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.29 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

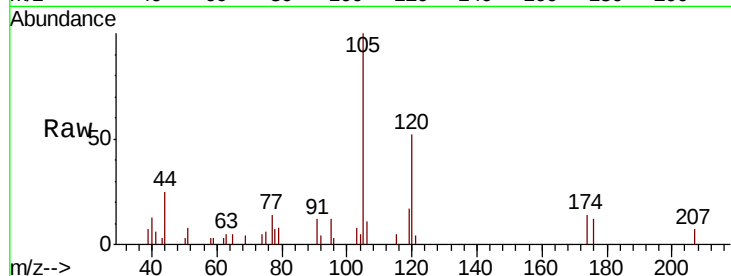
PB111846TB

Tot Ion:105 Resp: 8246

Ion Ratio Lower Upper

105 100

120 51.1 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

6000

5000

4000

3000

2000

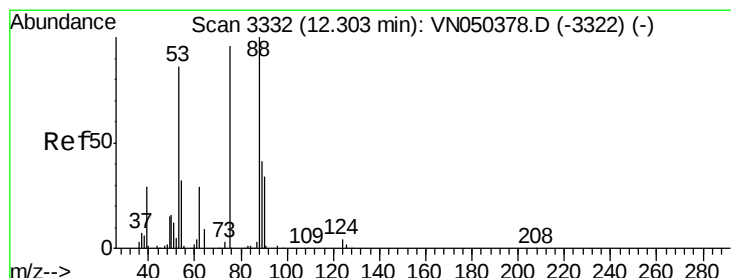
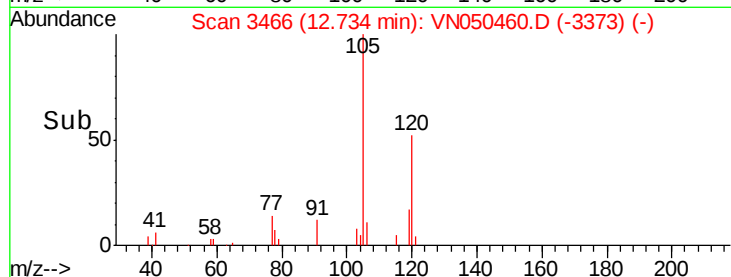
1000

0

12.70

12.75

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 110.79 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

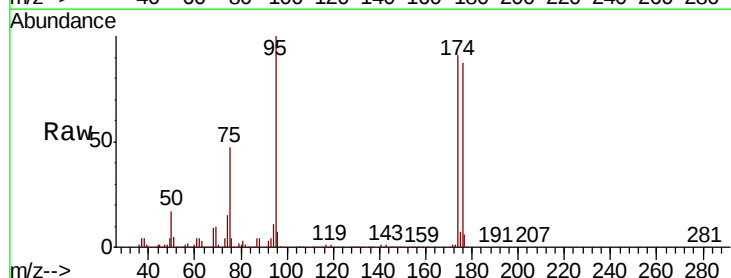
Tgt Ion: 75 Resp: 262824

Ion Ratio Lower Upper

75 100

53 0.0 73.5 110.3#

89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

200000

150000

100000

50000

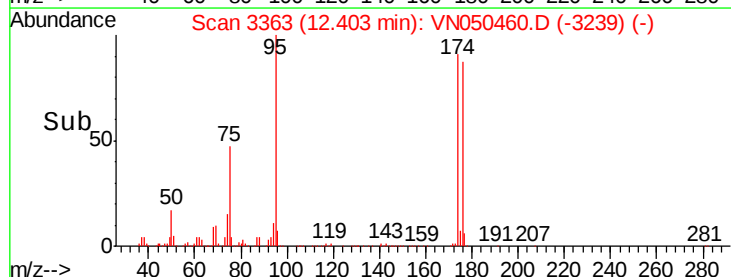
0

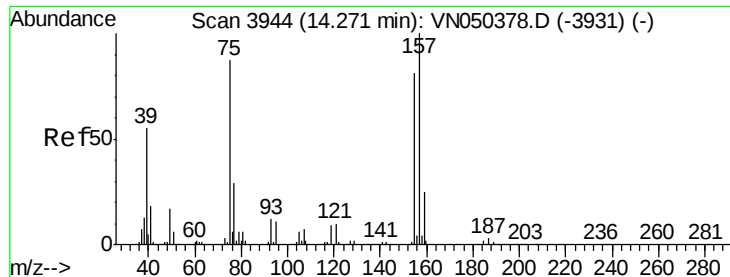
12.35

12.40

12.45

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.23 ug/l

RT: 14.26 min Scan# 3940

Delta R.T. -0.01 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

PB111846TB

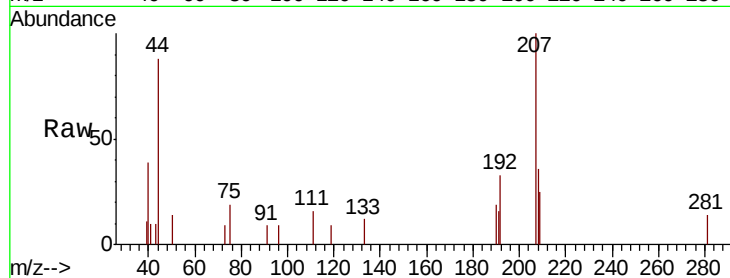
Tot Ion: 75 Resp: 390

Ion Ratio Lower Upper

75 100

155 26.9 44.8 134.4#

157 0.0 57.2 171.6#



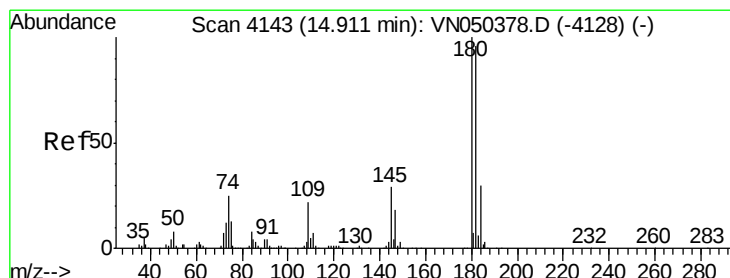
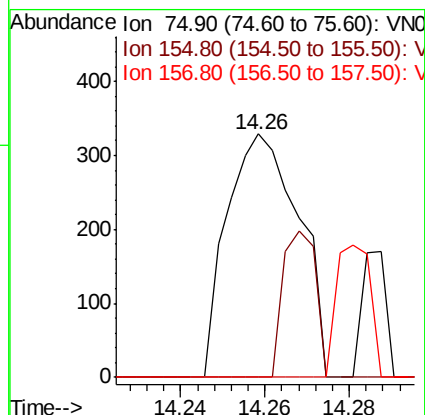
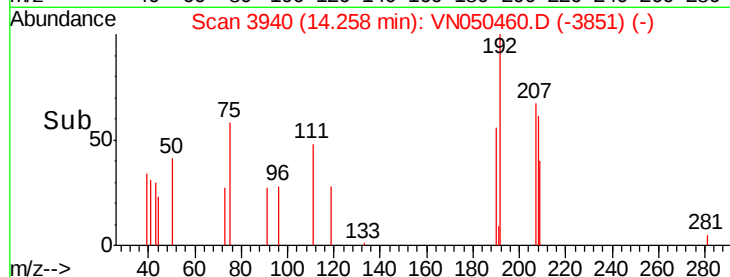
Abundance Ion 74.90 (74.60 to 75.60): VN050378.D (-3931) (-)

Ion 154.80 (154.50 to 155.50): VN050378.D (-3931) (-)

Ion 156.80 (156.50 to 157.50): VN050378.D (-3931) (-)

14.26

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 0.62 ug/l

RT: 14.91 min Scan# 4144

Delta R.T. 0.00 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

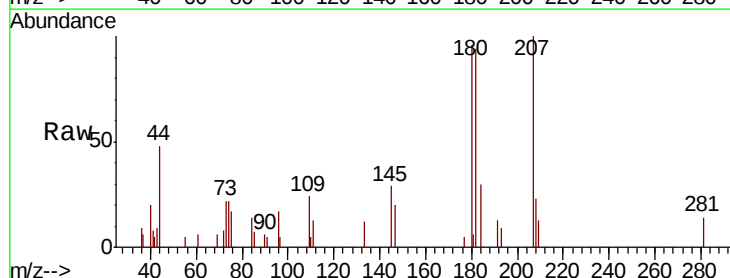
Tgt Ion: 180 Resp: 5250

Ion Ratio Lower Upper

180 100

182 91.4 46.7 140.1

145 29.0 13.8 41.4



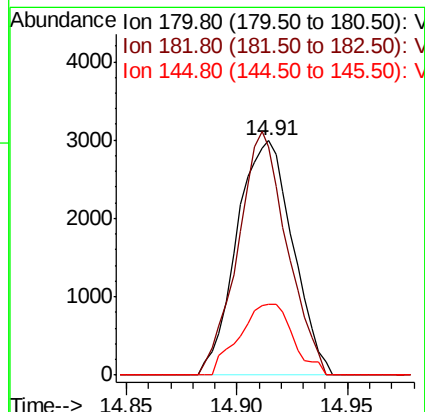
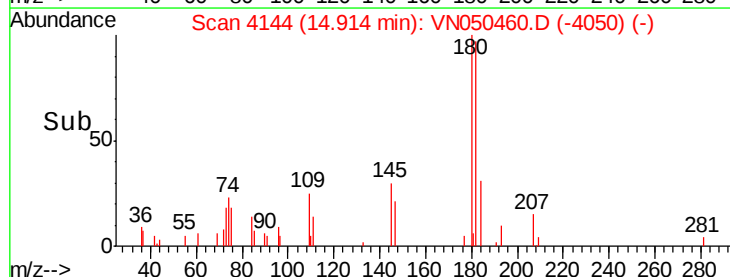
Abundance Ion 179.80 (179.50 to 180.50): VN050378.D (-4128) (-)

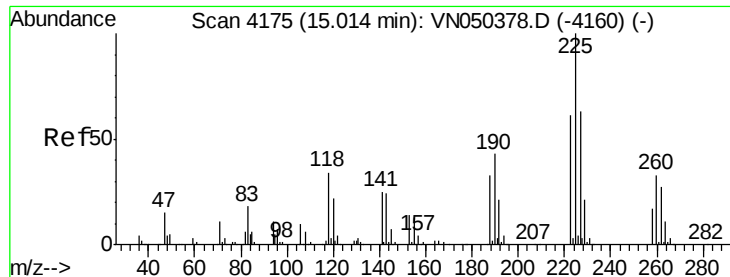
Ion 181.80 (181.50 to 182.50): VN050378.D (-4128) (-)

Ion 144.80 (144.50 to 145.50): VN050378.D (-4128) (-)

14.91

Time-->

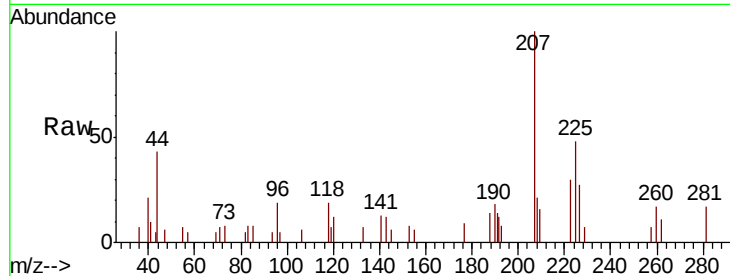




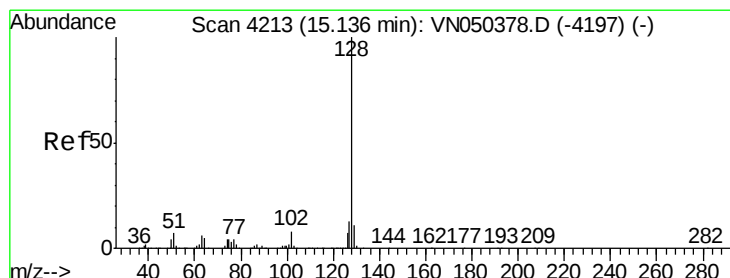
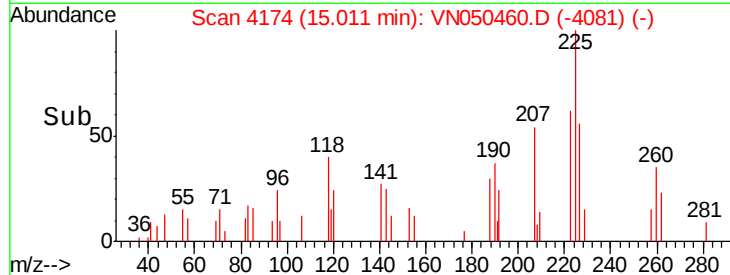
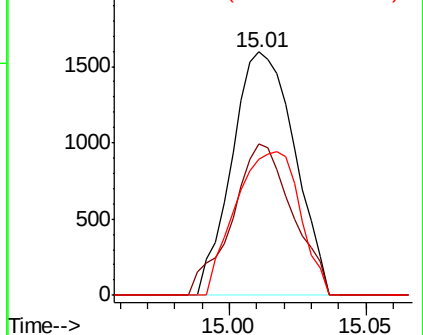
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4174
Delta R.T. -0.00 min
Lab File: VN050460.D
Acq: 8 Aug 2018 15:39

Instrument :
MSVOA_N
ClientSampled :
PB111846TB

Tot Ion:225 Resp: 2544
Ion Ratio Lower Upper
225 100
223 60.1 31.4 94.2
227 60.7 32.1 96.5

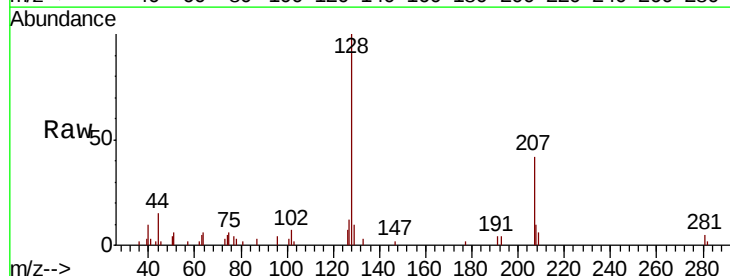


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

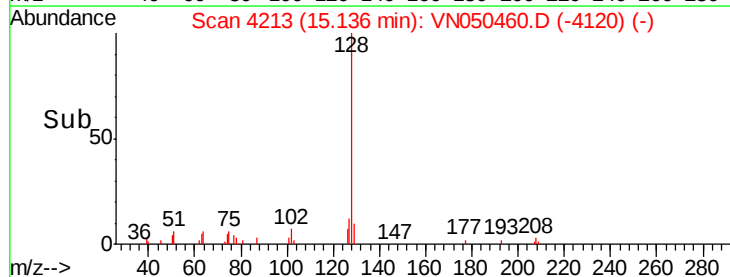
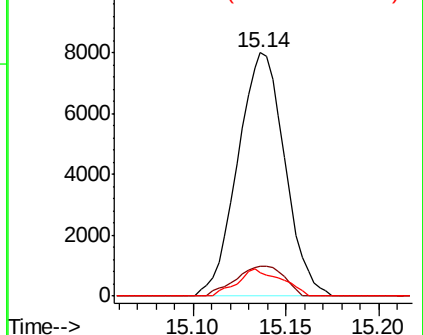


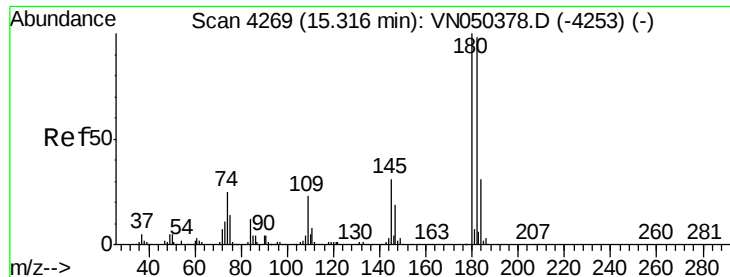
#95
Naphthalene
Concen: 4.21 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050460.D
Acq: 8 Aug 2018 15:39

Tgt Ion:128 Resp: 14079
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.4 8.8 13.2



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: 0.62 ug/l

RT: 15.31 min Scan# 4268

Delta R.T. -0.00 min

Lab File: VN050460.D

Acq: 8 Aug 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

PB111846TB

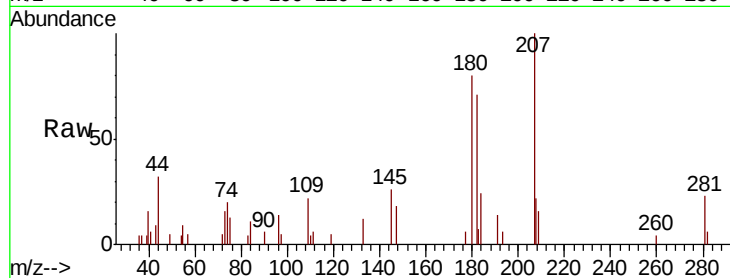
Tot Ion:180 Resp: 5301

Ion Ratio Lower Upper

180 100

182 94.7 48.1 144.4

145 34.1 15.3 45.9



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

