

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071918\
 Data File : VN049945.D
 Acq On : 20 Jul 2018 4:32
 Operator : MD\SY
 Sample : J4030-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB8-12-0

Quant Time: Jul 20 05:23:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	561155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	948663	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	800002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	307839	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	405295	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
35) Dibromofluoromethane	7.59	113	361399	45.38	ug/l	0.00
Spiked Amount			Recovery	=	90.76%	
50) Toluene-d8	10.09	98	1269941	43.76	ug/l	0.00
Spiked Amount			Recovery	=	87.52%	
62) 4-Bromofluorobenzene	12.40	95	361278	36.15	ug/l	0.00
Spiked Amount			Recovery	=	72.30%	

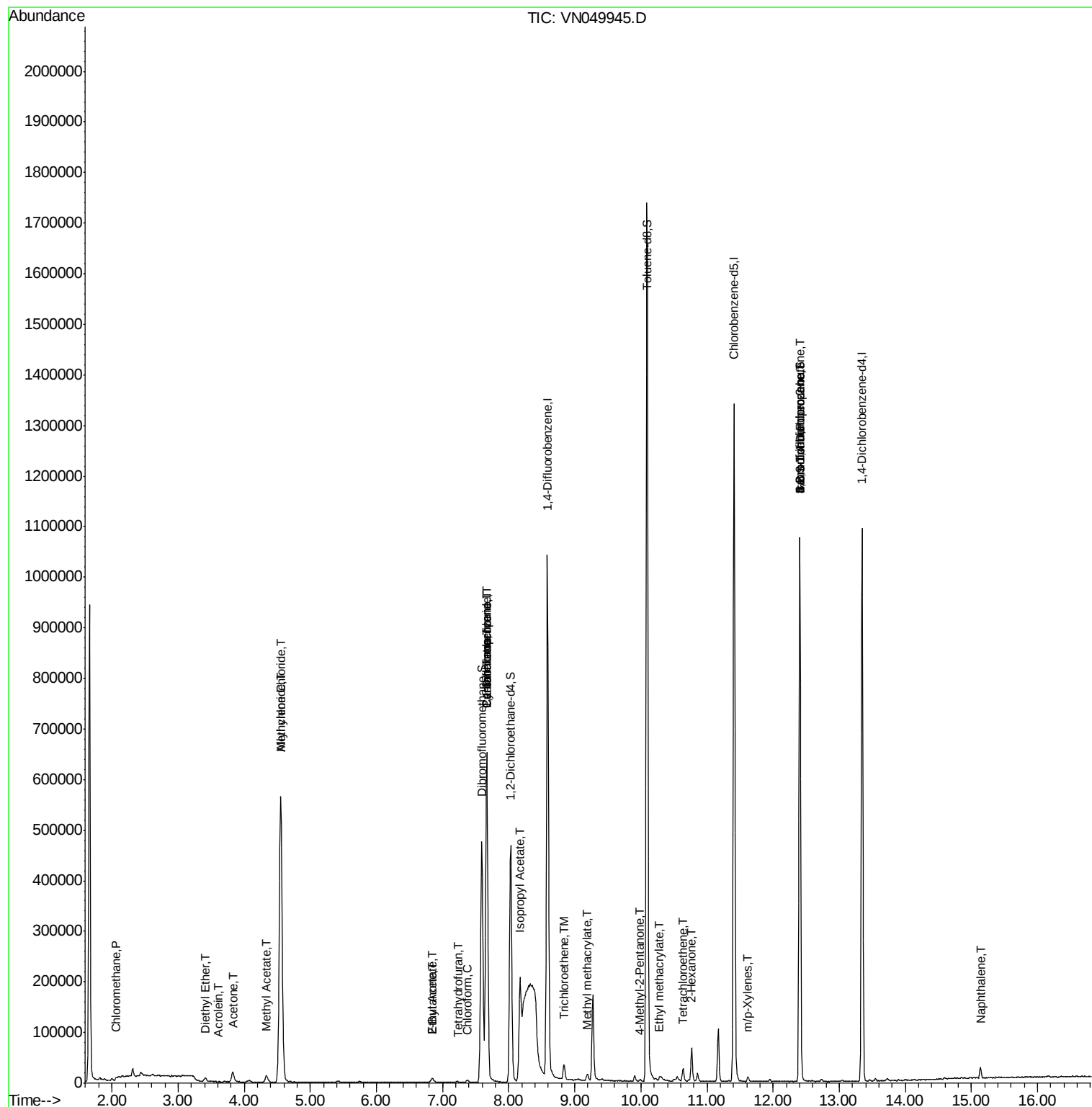
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	1944	0.25	ug/l	89
5) Bromomethane	2.57	94	377	Below	Cal	98
8) Diethyl Ether	3.41	74	3494	0.89	ug/l	73
13) Acrolein	3.61	56	105	0.30	ug/l #	15
14) Allyl chloride	4.55	41	16197	1.69	ug/l #	25
16) Acetone	3.82	43	34364	17.21	ug/l	100
18) Methyl Acetate	4.33	43	23105	2.90	ug/l	97
20) Methylene Chloride	4.55	84	435700	57.37	ug/l	98
25) 2-Butanone	6.85	43	9774	3.42	ug/l	99
29) Tetrahydrofuran	7.22	42	1118	0.62	ug/l #	85
30) Chloroform	7.38	83	4768	0.37	ug/l	95
31) Cyclohexane	7.67	56	10843	1.06	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40521	3.84	ug/l #	49
37) Ethyl Acetate	6.85	43	9774	1.35	ug/l #	68
38) Carbon Tetrachloride	7.67	117	51614	4.57	ug/l #	16
43) Isopropyl Acetate	8.17	43	242942	19.20	ug/l	94
44) Trichloroethene	8.84	130	10449	1.24	ug/l	80
48) Methyl methacrylate	9.18	41	8378	1.32	ug/l #	15
51) 4-Methyl-2-Pentanone	9.99	43	2833	0.40	ug/l #	73
56) Ethyl methacrylate	10.27	69	66	2.16	ug/l #	1
59) 2-Hexanone	10.77	43	9655	2.03	ug/l #	58
64) Tetrachloroethene	10.63	164	2015	0.28	ug/l	93
68) m/p-Xylenes	11.62	106	2925	0.24	ug/l	98
71) Bromoform	12.40	173	1881	0.34	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	177411	30.72	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	177411	96.07	ug/l #	13
95) Naphthalene	15.14	128	18023	5.62	ug/l	98

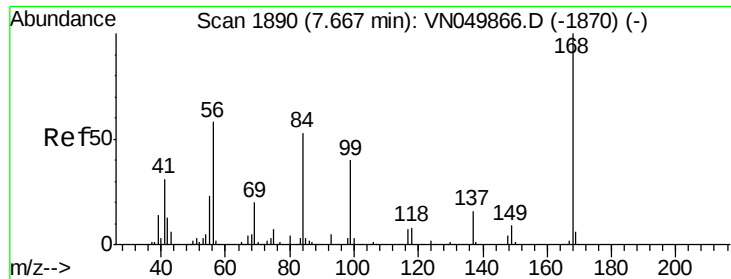
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 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: VN049945.D

Acq: 20 Jul 2018 4:32

Instrument :

MSVOA_N

ClientSampleId :

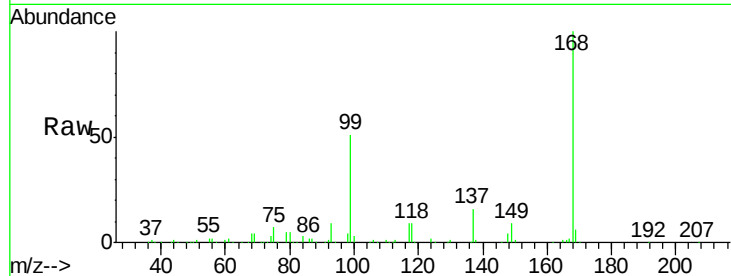
SB8-12-0

Tot Ion:168 Resp: 561155

Ion Ratio Lower Upper

168 100

99 50.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

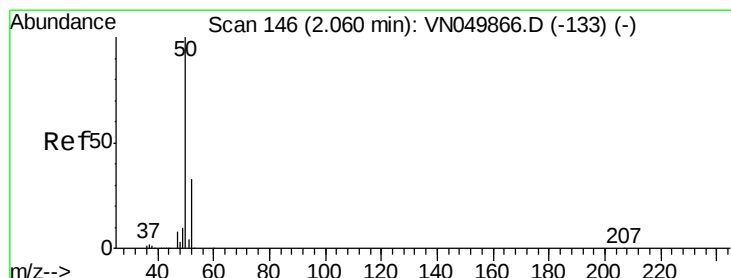
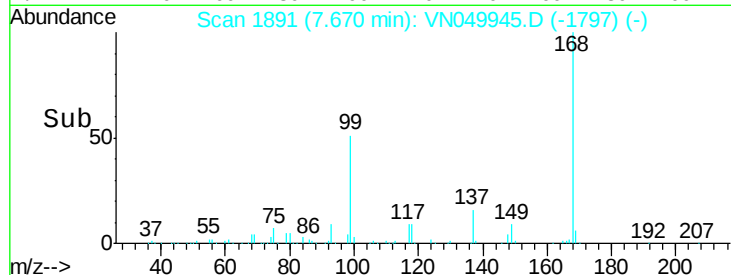
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.25 ug/l

RT: 2.06 min Scan# 146

Delta R.T. -0.00 min

Lab File: VN049945.D

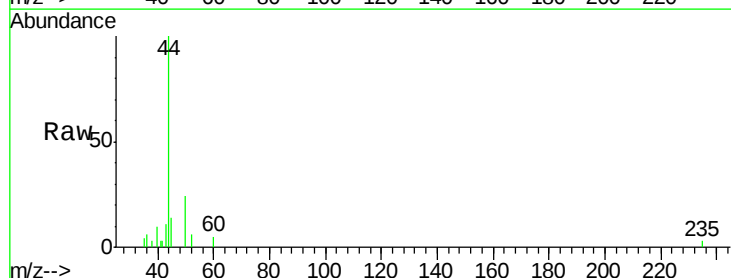
Acq: 20 Jul 2018 4:32

Tgt Ion: 50 Resp: 1944

Ion Ratio Lower Upper

50 100

52 26.2 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

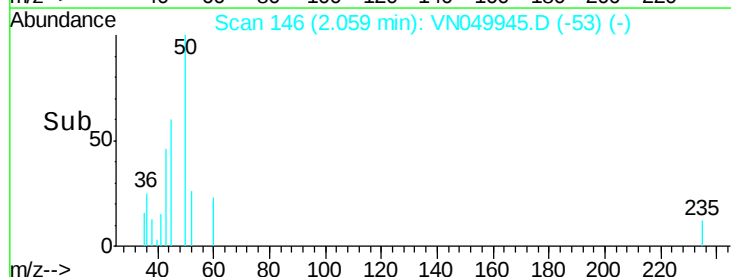
1500

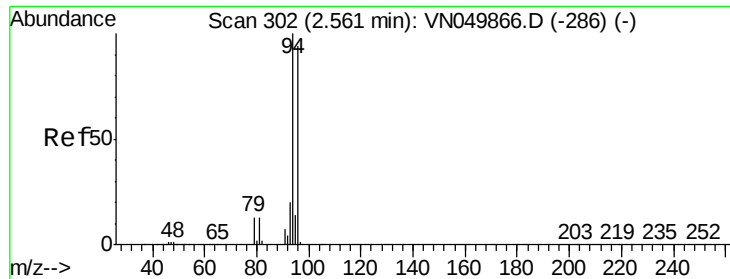
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

Instrument :

MSVOA_N

ClientSampleId :

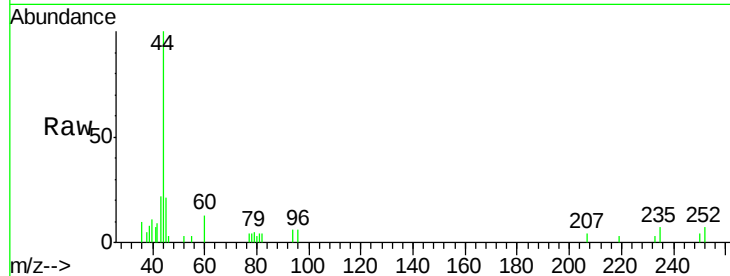
SB8-12-0

Tot Ion: 94 Resp: 377

Ion Ratio Lower Upper

94 100

96 92.3 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

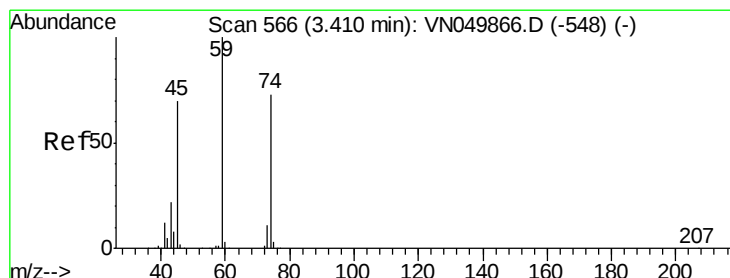
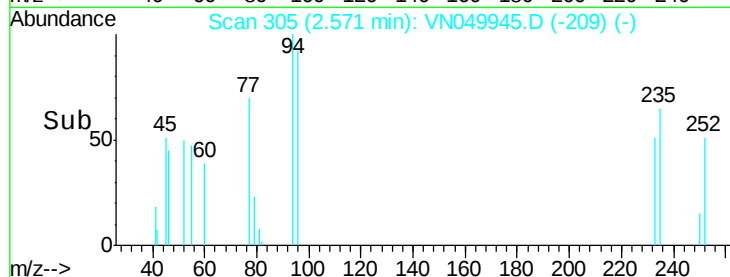
300

200

100

0

Time-->



#8

Diethyl Ether

Concen: 0.89 ug/l

RT: 3.41 min Scan# 566

Delta R.T. -0.00 min

Lab File: VN049945.D

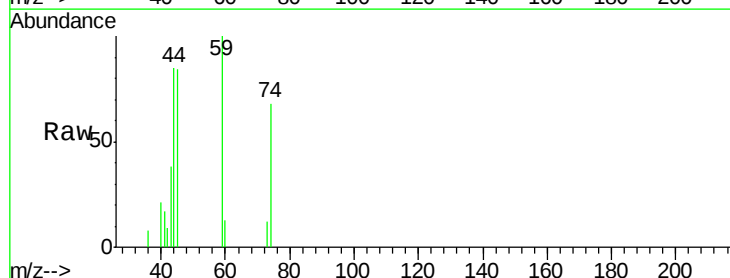
Acq: 20 Jul 2018 4:32

Tgt Ion: 74 Resp: 3494

Ion Ratio Lower Upper

74 100

45 123.2 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

3.41

2000

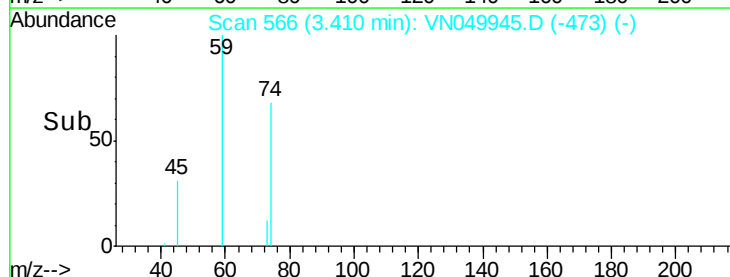
1500

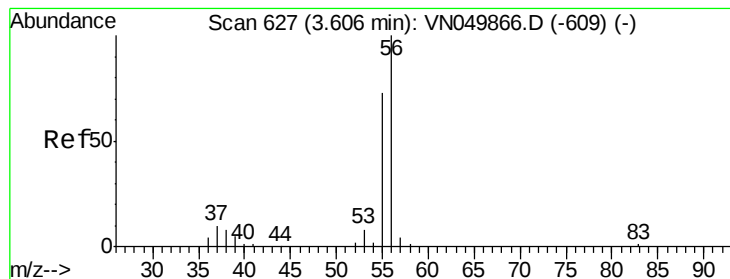
1000

500

0

Time-->





#13

Acrolein

Concen: 0.30 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

Instrument :

MSVOA_N

ClientSampleId :

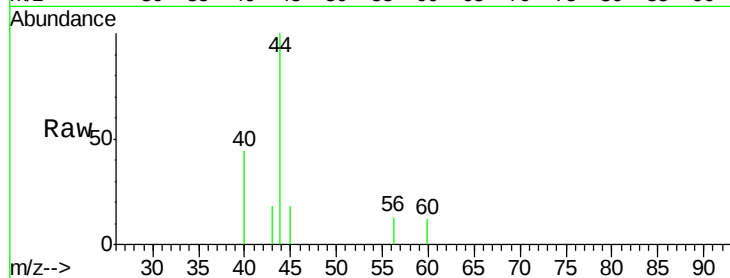
SB8-12-0

Tot Ion: 56 Resp: 105

Ion Ratio Lower Upper

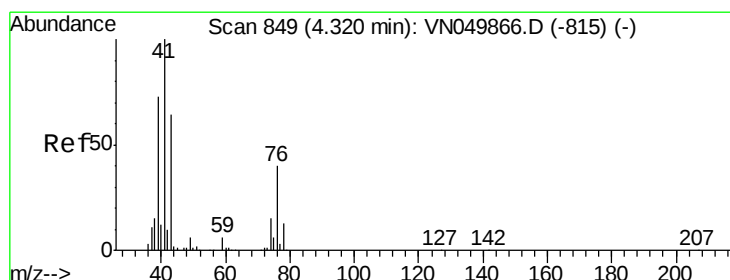
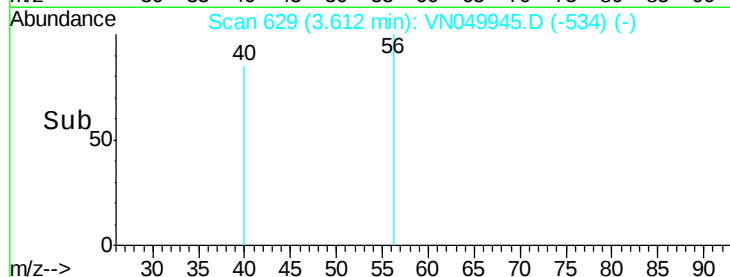
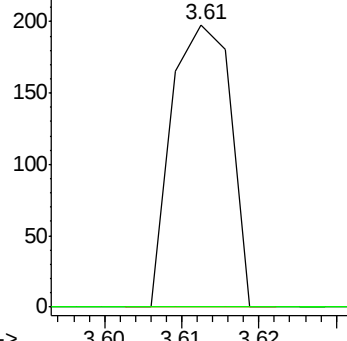
56 100

55 0.0 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 1.69 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.23 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

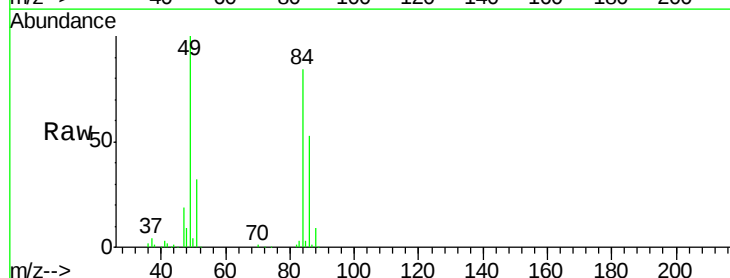
Tgt Ion: 41 Resp: 16197

Ion Ratio Lower Upper

41 100

39 1.0 53.2 79.8#

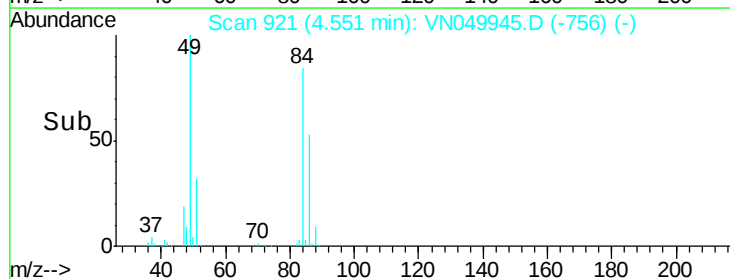
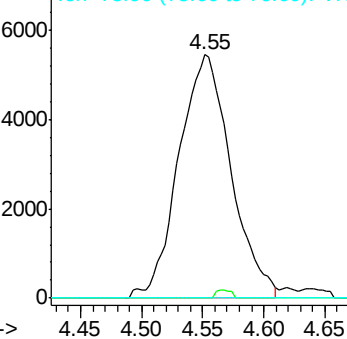
76 0.0 29.0 43.6#

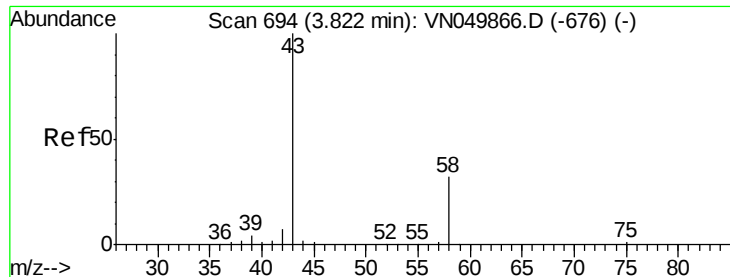


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 17.21 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

Instrument :

MSVOA_N

ClientSampled :

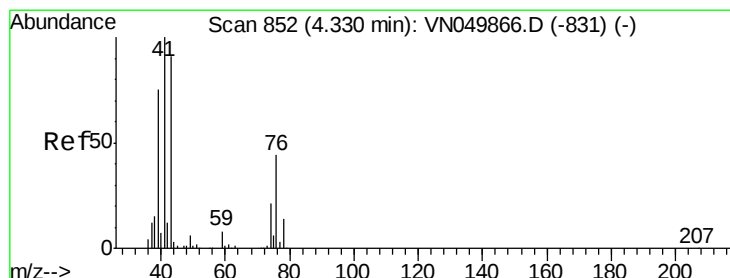
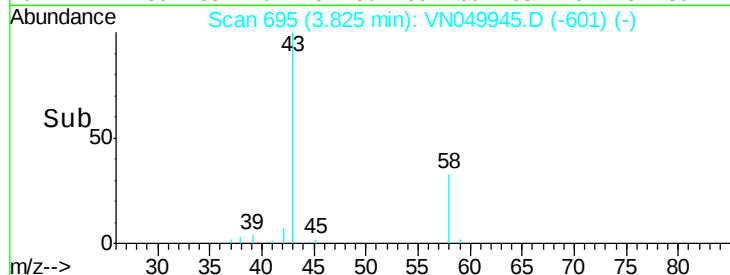
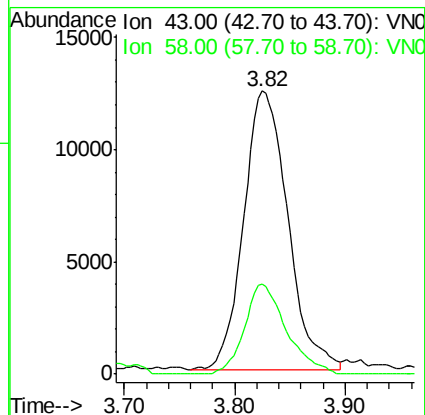
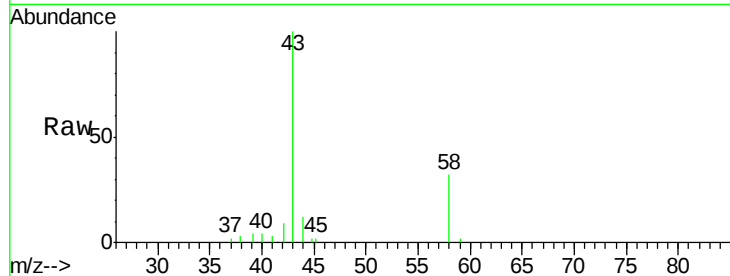
SB8-12-0

Tot Ion: 43 Resp: 34364

Ion Ratio Lower Upper

43 100

58 32.4 25.9 38.9



#18

Methyl Acetate

Concen: 2.90 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN049945.D

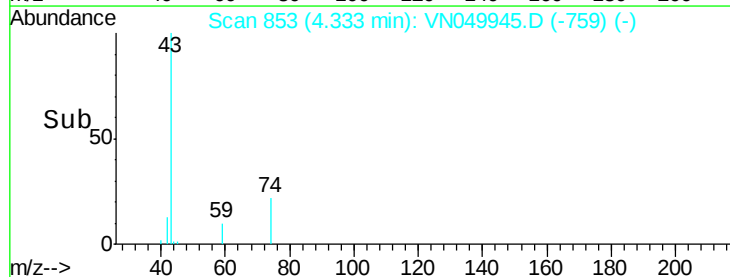
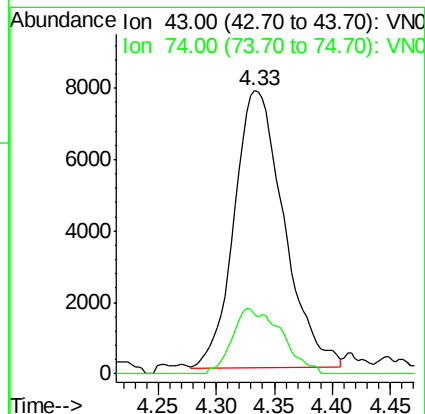
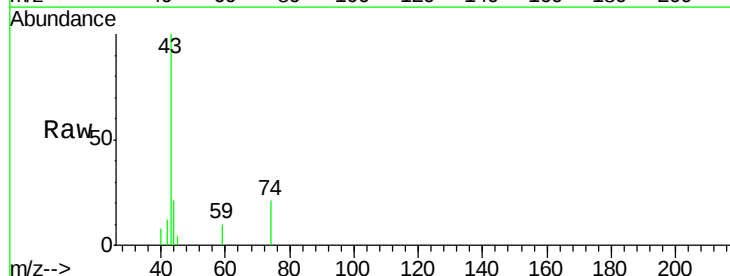
Acq: 20 Jul 2018 4:32

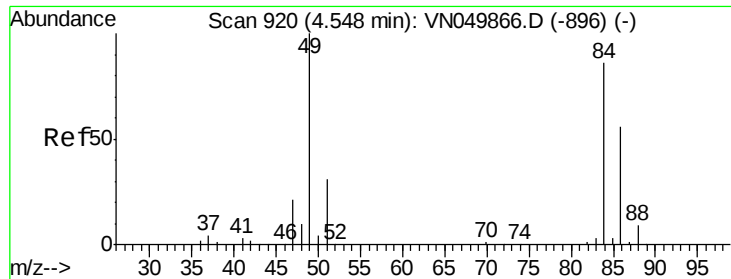
Tgt Ion: 43 Resp: 23105

Ion Ratio Lower Upper

43 100

74 23.5 19.8 29.8

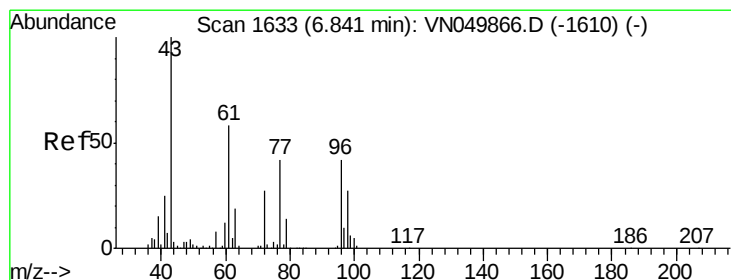
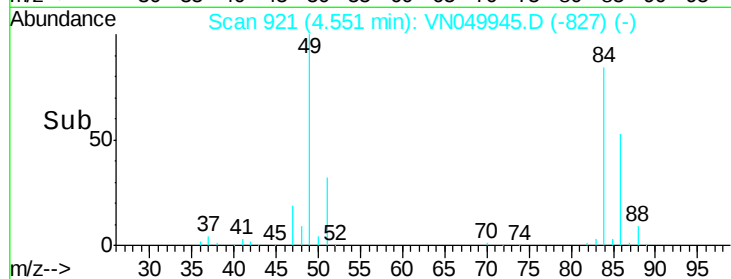
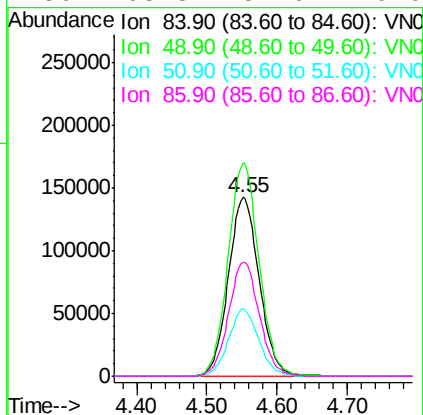
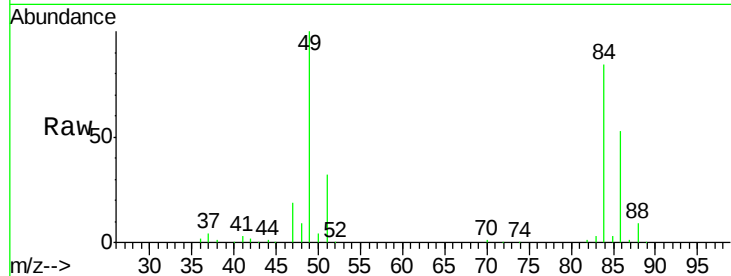




#20
Methvlene Chloride
Concen: 57.37 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049945.D
Acq: 20 Jul 2018 4:32

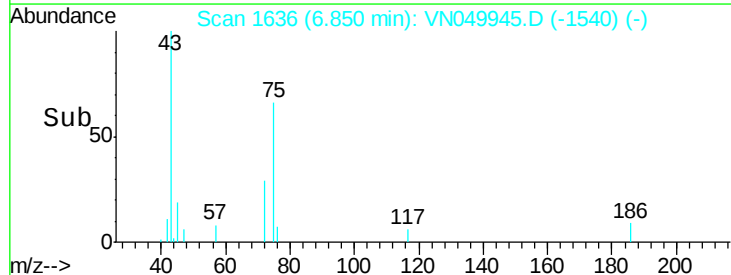
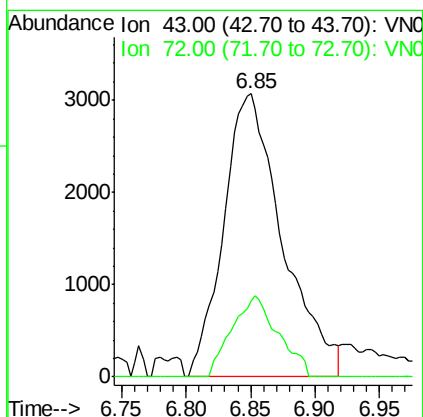
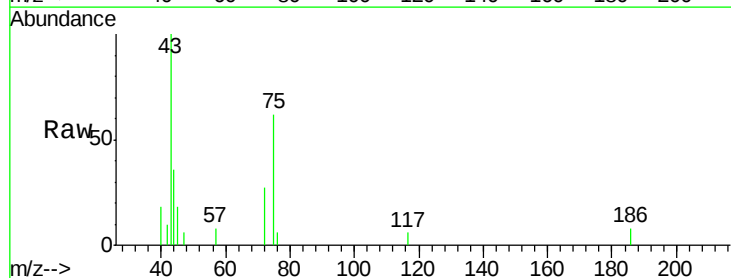
Instrument :
MSVOA_N
ClientSampled :
SB8-12-0

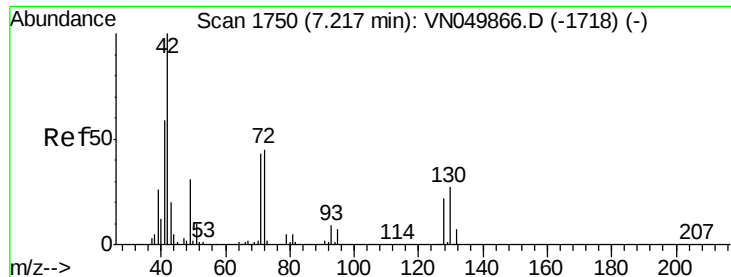
Tot Ion: 84 Resp: 435700
Ion Ratio Lower Upper
84 100
49 119.4 95.4 143.2
51 38.1 28.4 42.6
86 63.8 52.6 79.0



#25
2-Butanone
Concen: 3.42 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049945.D
Acq: 20 Jul 2018 4:32

Tgt Ion: 43 Resp: 9774
Ion Ratio Lower Upper
43 100
72 26.9 22.1 33.1





#29

Tetrahydrofuran

Concen: 0.62 ug/l

RT: 7.22 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

Instrument :

MSVOA_N

ClientSampleId :

SB8-12-0

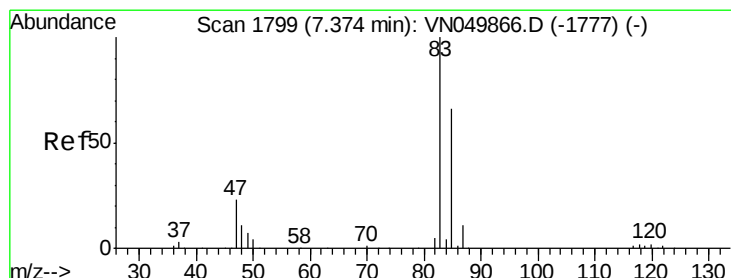
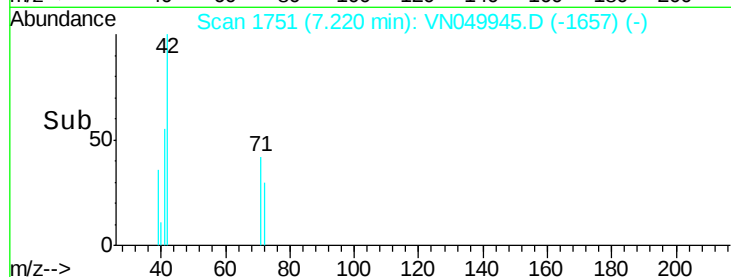
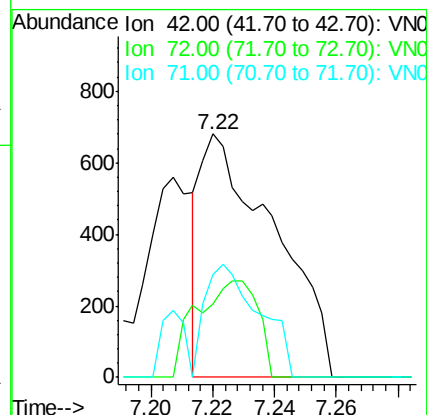
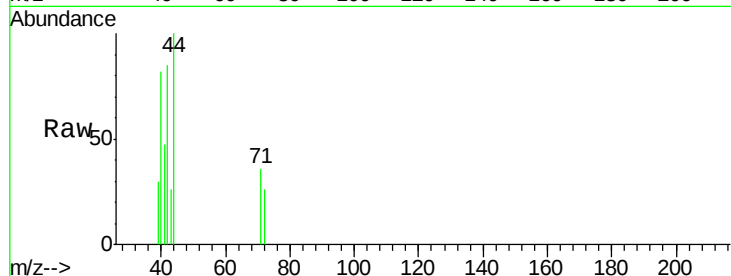
Tot Ion: 42 Resp: 1118

Ion Ratio Lower Upper

42 100

72 33.5 35.6 53.4#

71 34.6 34.0 51.0



#30

Chloroform

Concen: 0.37 ug/l

RT: 7.38 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VN049945.D

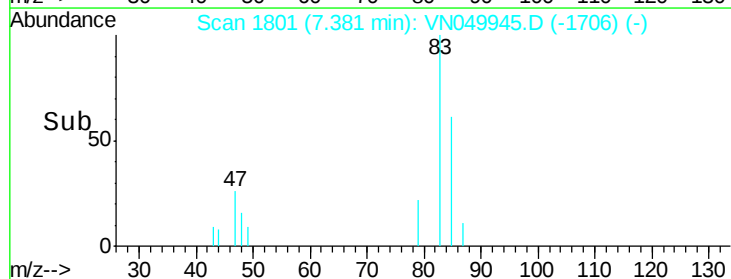
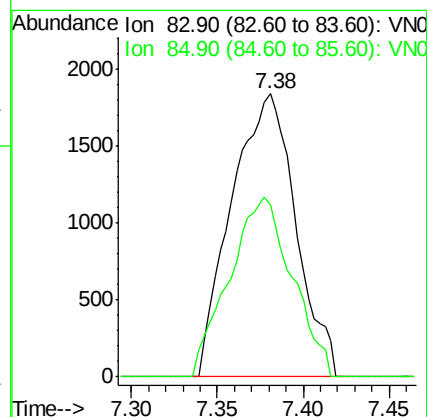
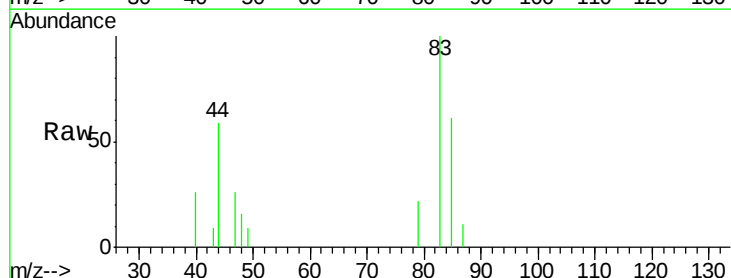
Acq: 20 Jul 2018 4:32

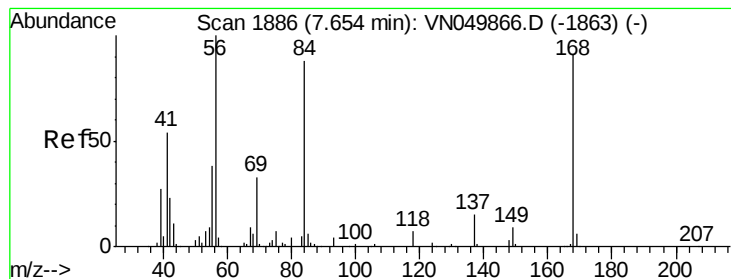
Tgt Ion: 83 Resp: 4768

Ion Ratio Lower Upper

83 100

85 60.6 51.4 77.2





#31

Cyclohexane

Concen: 1.06 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.02 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

Instrument :

MSVOA_N

ClientSampleId :

SB8-12-0

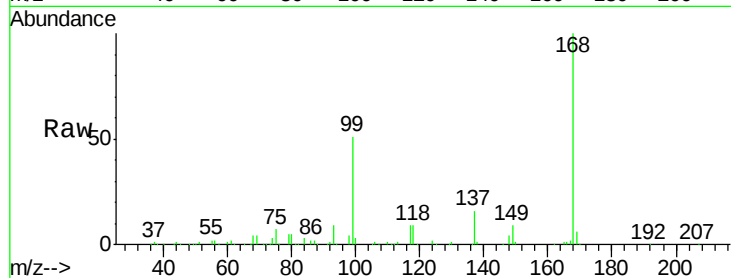
Tot Ion: 56 Resp: 10843

Ion Ratio Lower Upper

56 100

69 184.8 26.6 40.0#

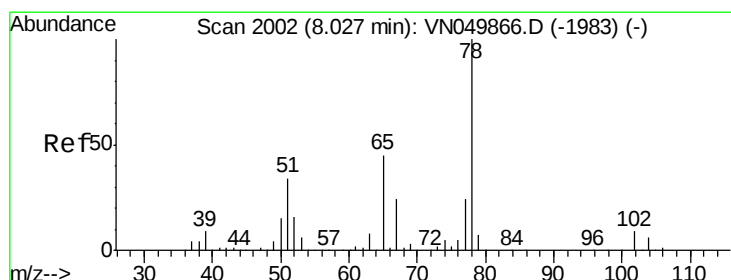
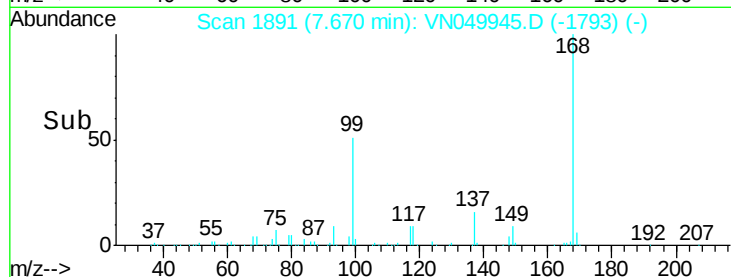
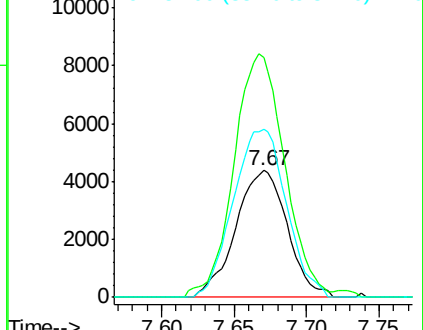
84 133.2 69.0 103.6#



Abundance Ion 56.00 (55.70 to 56.70): VN049866.D (-1863) (-)

Ion 69.00 (68.70 to 69.70): VN049866.D (-1863) (-)

Ion 84.00 (83.70 to 84.70): VN049866.D (-1863) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.55 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049945.D

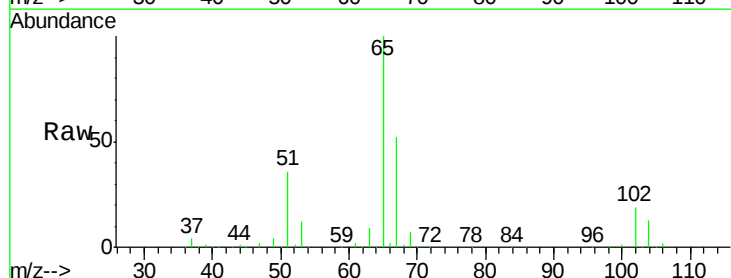
Acq: 20 Jul 2018 4:32

Tgt Ion: 65 Resp: 405295

Ion Ratio Lower Upper

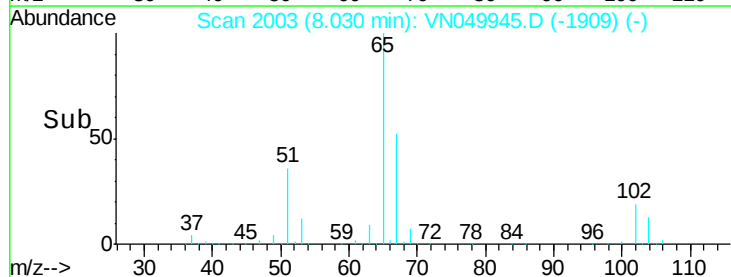
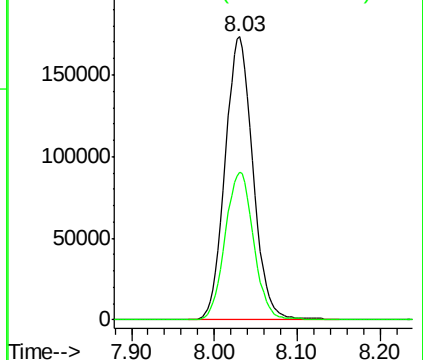
65 100

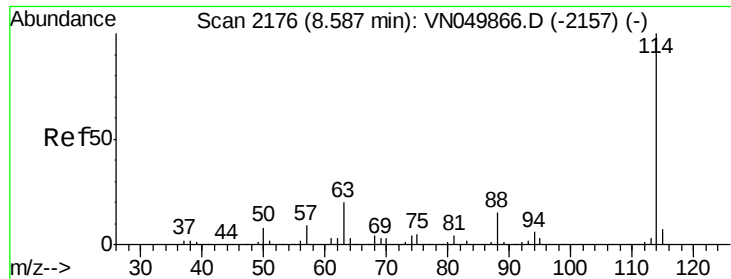
67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049866.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN049866.D (-1983) (-)

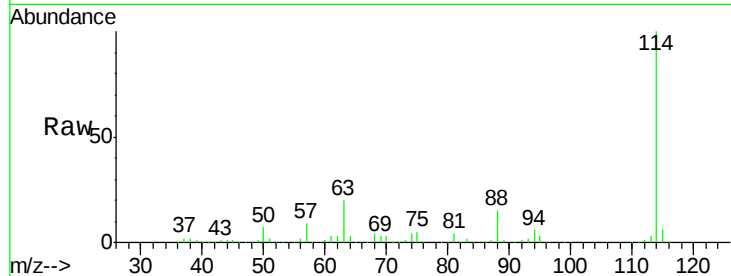




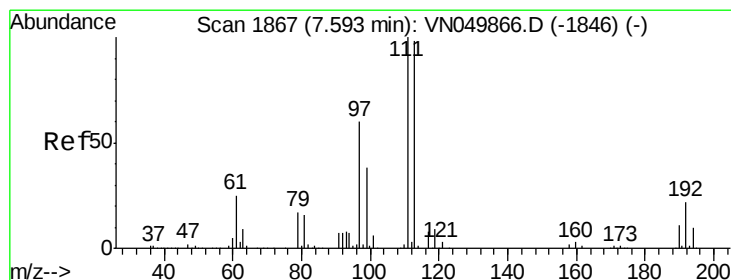
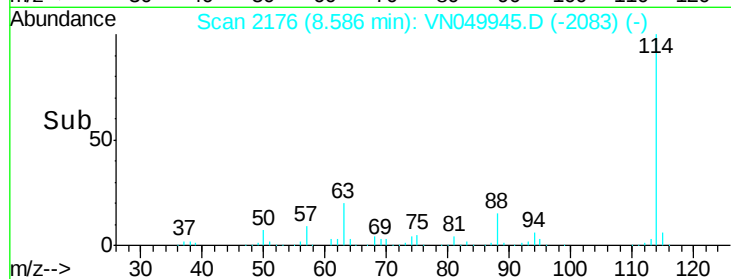
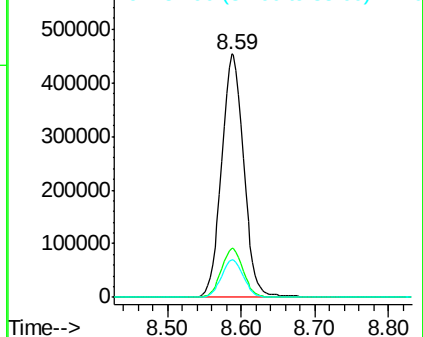
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049945.D
 Acq: 20 Jul 2018 4:32

Instrument :
 MSVOA_N
 ClientSampleId :
 SB8-12-0

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.8
88	15.5	0.0	30.6

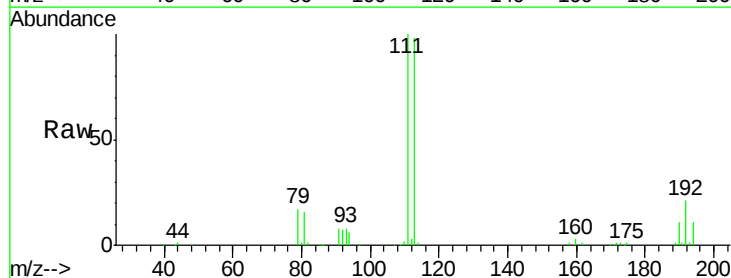


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

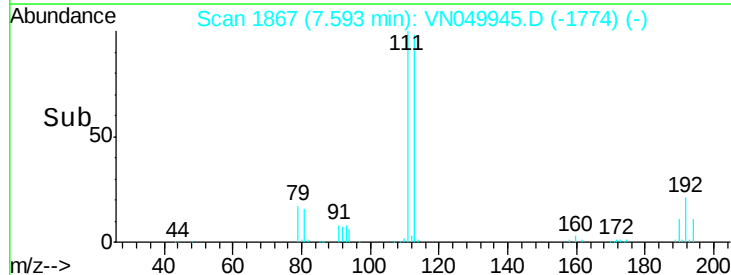
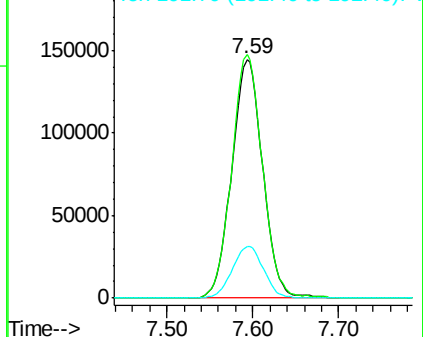


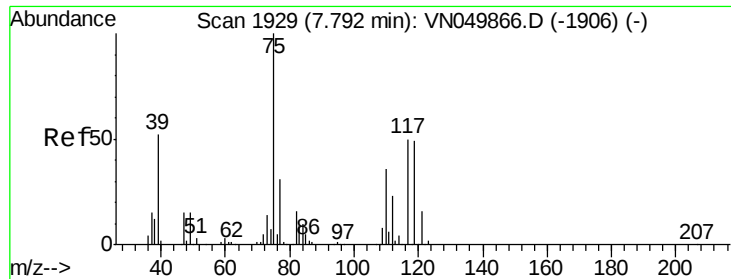
#35
 Dibromofluoromethane
 Concen: 45.38 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049945.D
 Acq: 20 Jul 2018 4:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.8
192	21.9	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

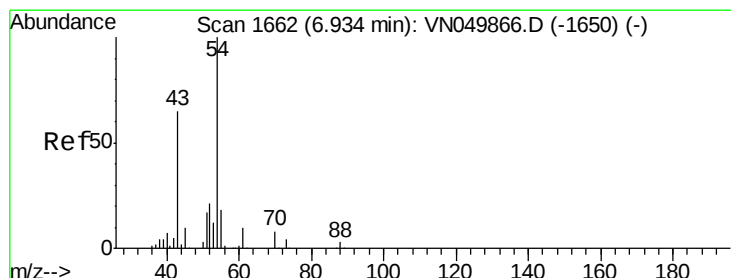
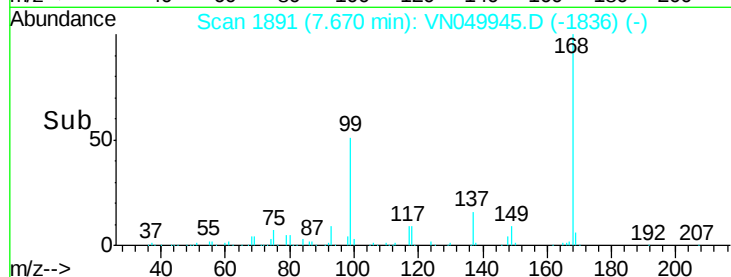
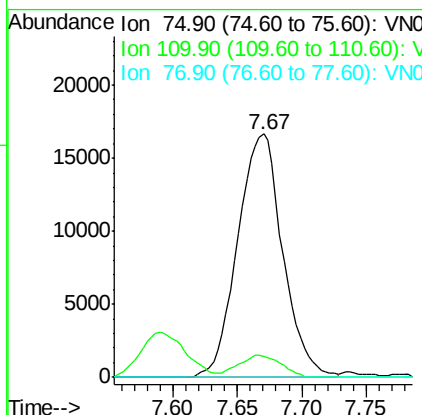
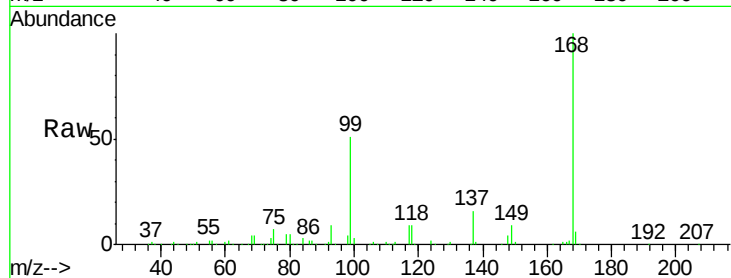




#36
 1,1-Dichloropropene
 Concen: 3.84 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.12 min
 Lab File: VN049945.D
 Acq: 20 Jul 2018 4:32

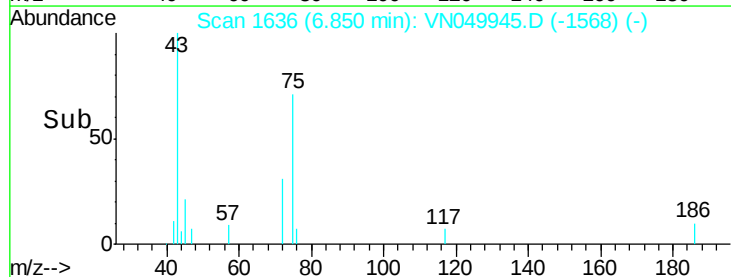
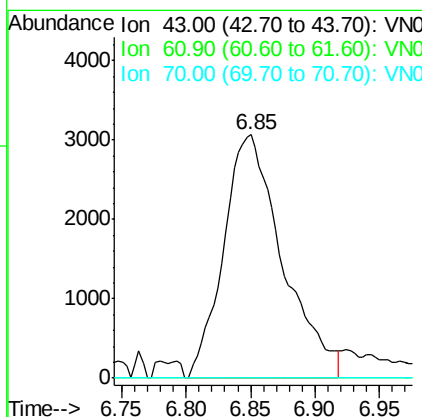
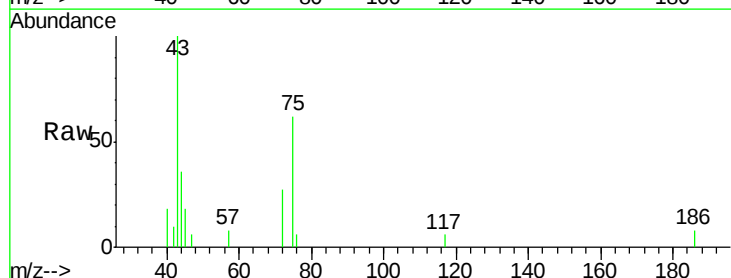
Instrument :
 MSVOA_N
 ClientSampled :
 SB8-12-0

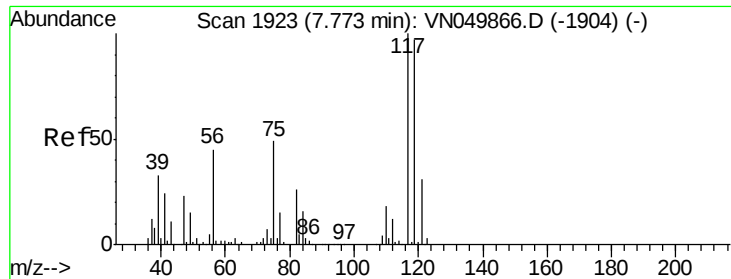
Tot Ion: 75 Resp: 40521
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.1 54.4#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 1.35 ug/l
 RT: 6.85 min Scan# 1636
 Delta R.T. -0.08 min
 Lab File: VN049945.D
 Acq: 20 Jul 2018 4:32

Tgt Ion: 43 Resp: 9774
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.7 17.5#
 70 0.0 8.4 12.6#

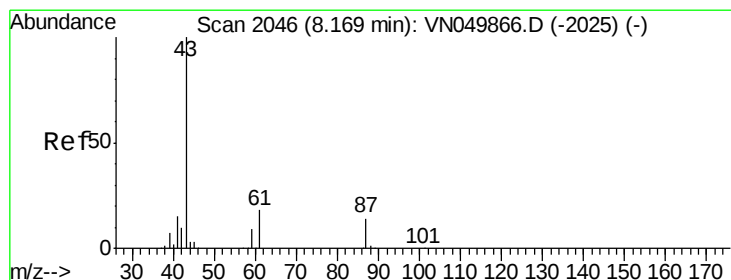
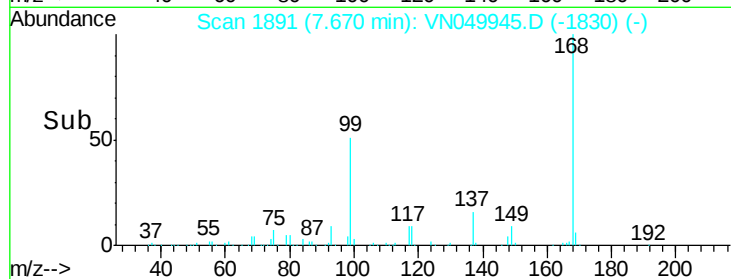
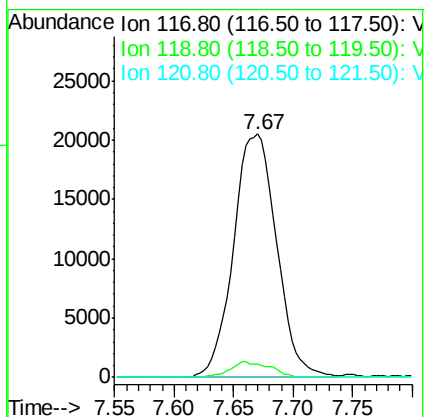
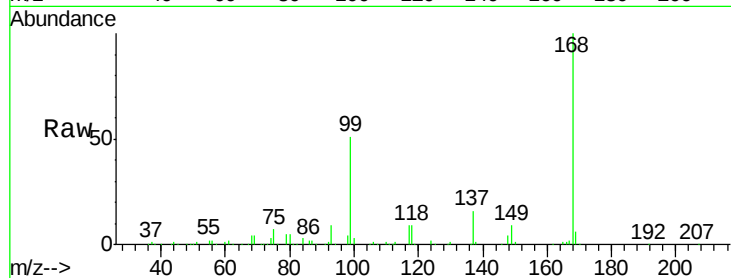




#38
Carbon Tetrachloride
Concen: 4.57 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.10 min
Lab File: VN049945.D
Acq: 20 Jul 2018 4:32

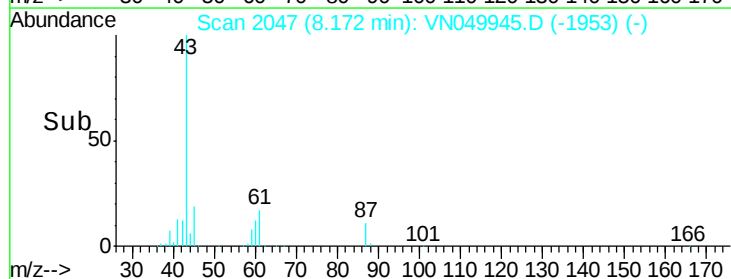
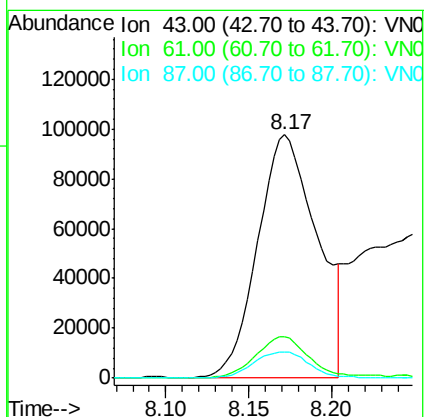
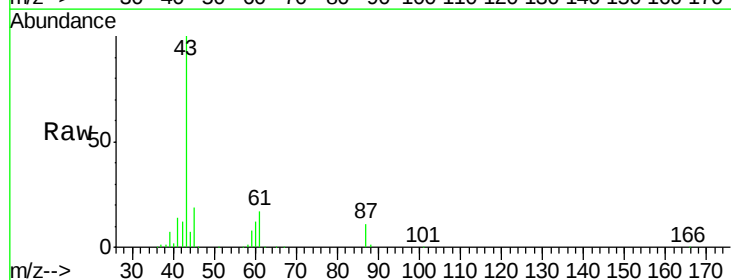
Instrument :
MSVOA_N
ClientSampled :
SB8-12-0

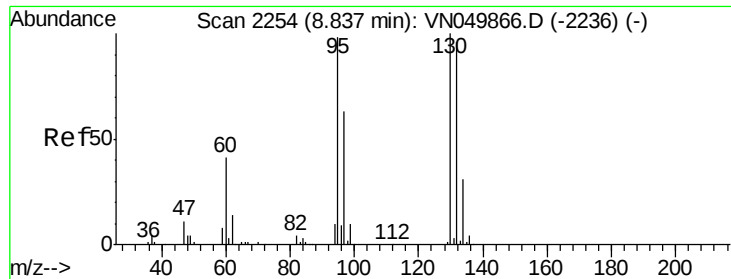
Tot Ion:117 Resp: 51614
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 25.0 37.6#



#43
Isopropyl Acetate
Concen: 19.20 ug/l
RT: 8.17 min Scan# 2047
Delta R.T. 0.00 min
Lab File: VN049945.D
Acq: 20 Jul 2018 4:32

Tgt Ion: 43 Resp: 242942
Ion Ratio Lower Upper
43 100
61 15.8 14.9 22.3
87 10.3 10.0 15.0





#44

Trichloroethene

Concen: 1.24 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. -0.00 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

Instrument :

MSVOA_N

ClientSampleId :

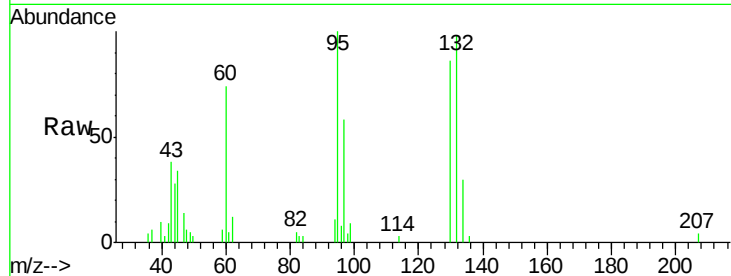
SB8-12-0

Tot Ion:130 Resp: 10449

Ion Ratio Lower Upper

130 100

95 116.2 0.0 192.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

8.84

6000

5000

4000

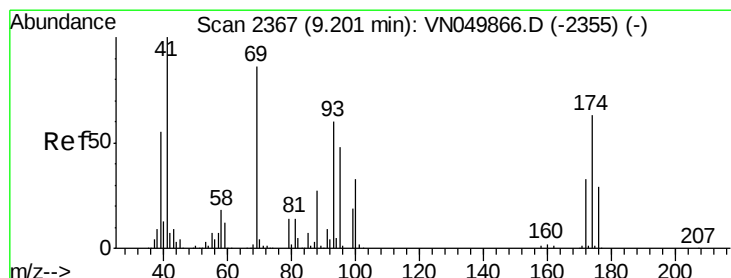
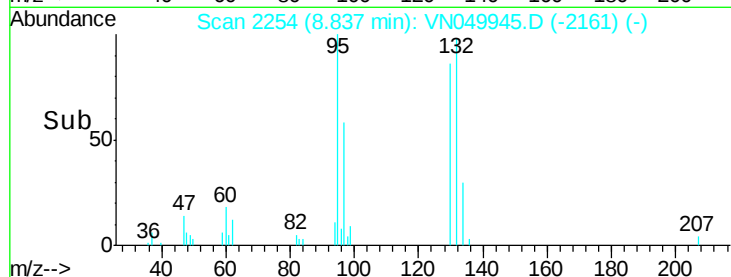
3000

2000

1000

0

Time--> 8.75 8.80 8.85 8.90



#48

Methyl methacrylate

Concen: 1.32 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

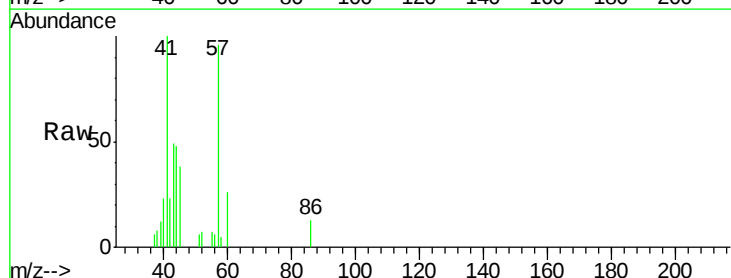
Tgt Ion: 41 Resp: 8378

Ion Ratio Lower Upper

41 100

69 0.0 71.5 107.3#

39 6.1 44.7 67.1#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 39.00 (38.70 to 39.70): VN

12000

10000

8000

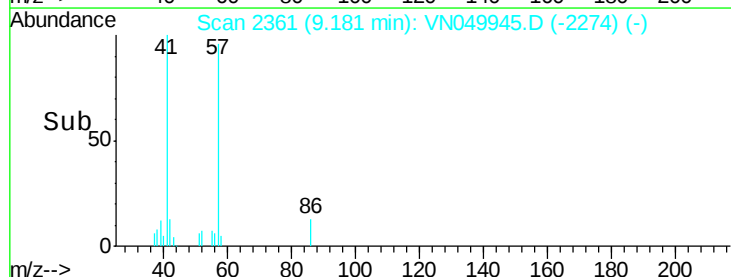
6000

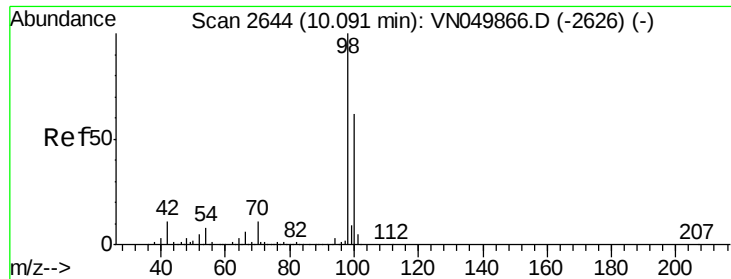
4000

2000

0

Time--> 9.10 9.15 9.20 9.25





#50

Toluene-d8

Concen: 43.76 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

Instrument :

MSVOA_N

ClientSampleId :

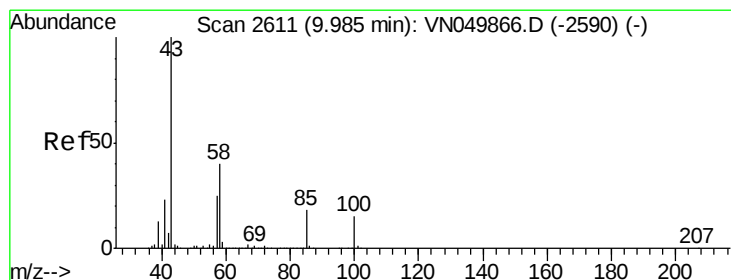
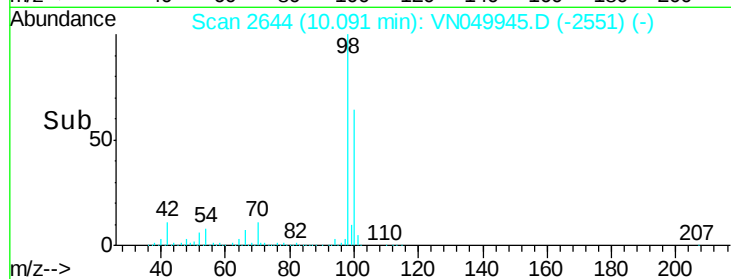
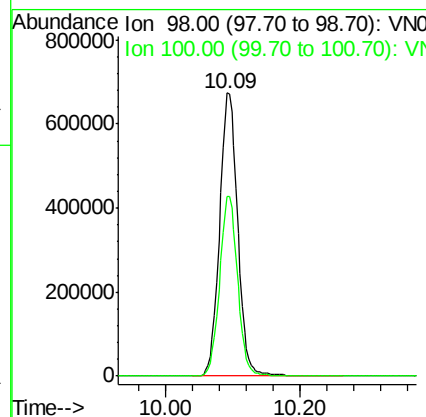
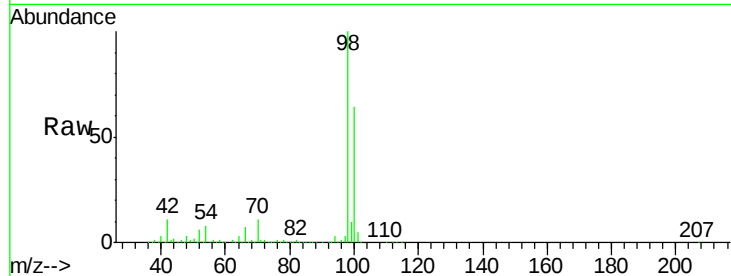
SB8-12-0

Tot Ion: 98 Resp: 1269941

Ion Ratio Lower Upper

98 100

100 62.9 51.7 77.5



#51

4-Methyl-2-Pentanone

Concen: 0.40 ug/l

RT: 9.99 min Scan# 2613

Delta R.T. 0.01 min

Lab File: VN049945.D

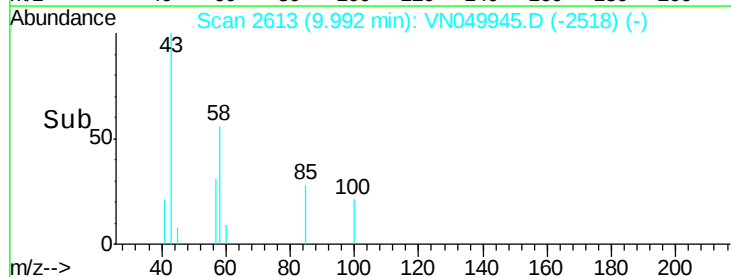
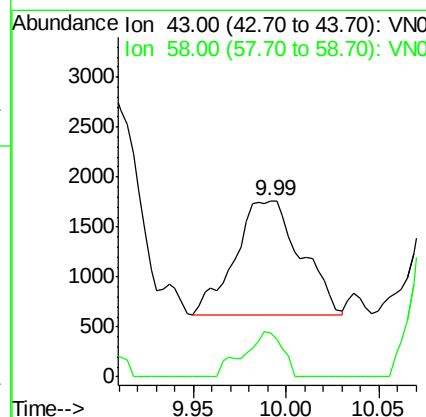
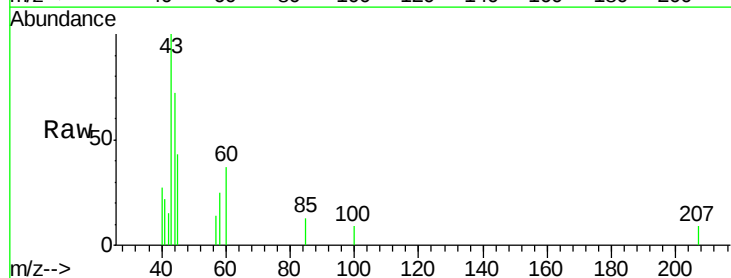
Acq: 20 Jul 2018 4:32

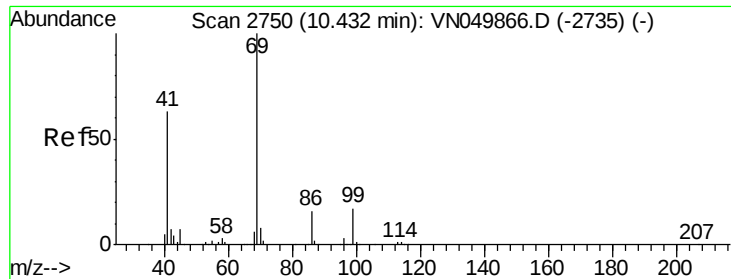
Tgt Ion: 43 Resp: 2833

Ion Ratio Lower Upper

43 100

58 23.1 31.8 47.8#





#56

Ethyl methacrylate

Concen: 2.16 ug/l

RT: 10.27 min Scan# 2700

Delta R.T. -0.16 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

Instrument :

MSVOA_N

ClientSampled :

SB8-12-0

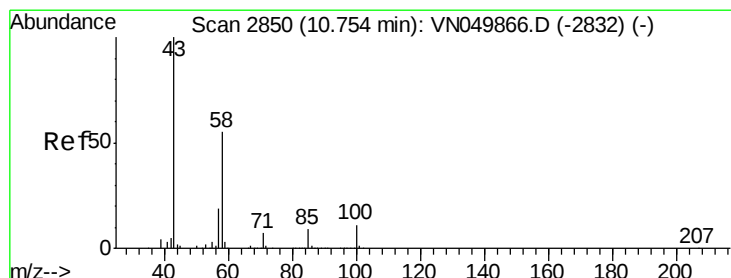
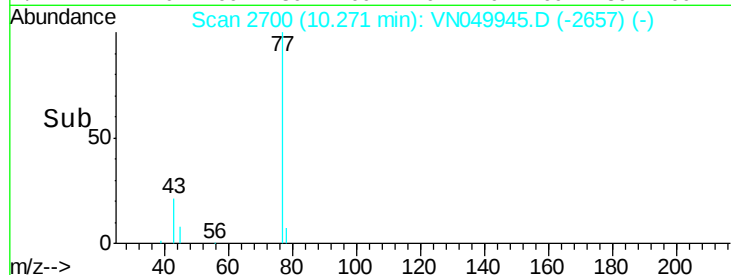
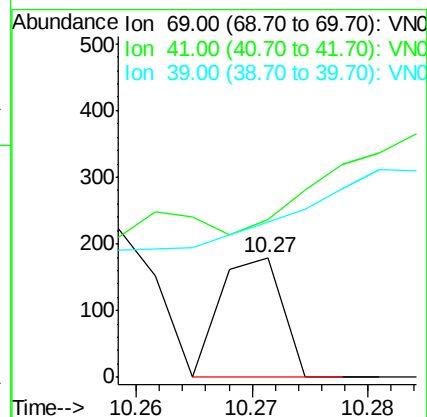
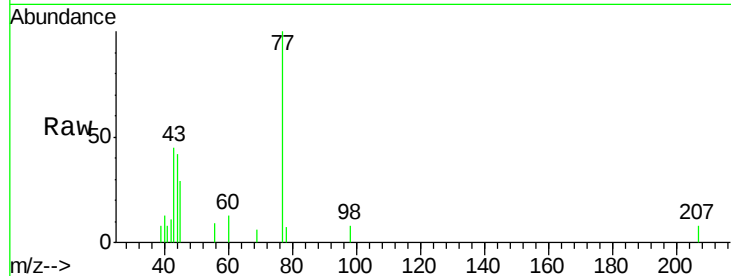
Tot Ion: 69 Resp: 66

Ion Ratio Lower Upper

69 100

41 803.0 51.6 77.4#

39 1134.8 25.8 38.8#



#59

2-Hexanone

Concen: 2.03 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049945.D

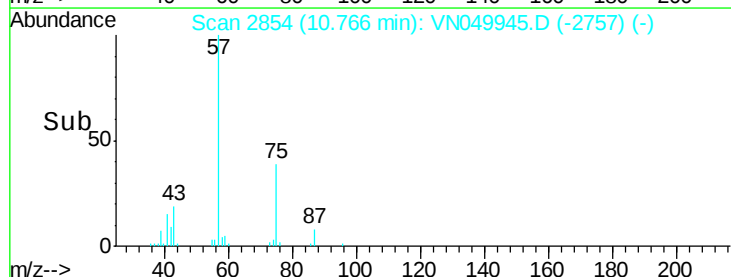
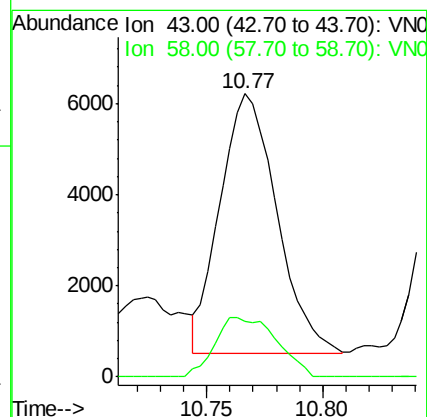
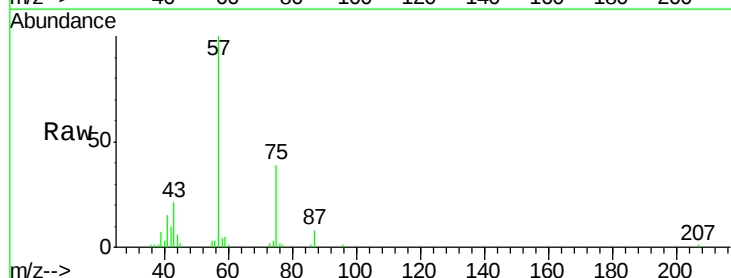
Acq: 20 Jul 2018 4:32

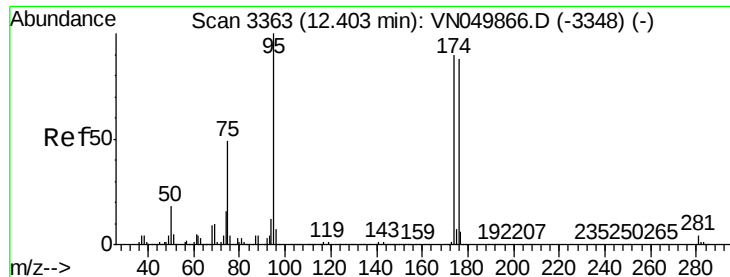
Tgt Ion: 43 Resp: 9655

Ion Ratio Lower Upper

43 100

58 25.0 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 36.15 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

Instrument :

MSVOA_N

ClientSampleId :

SB8-12-0

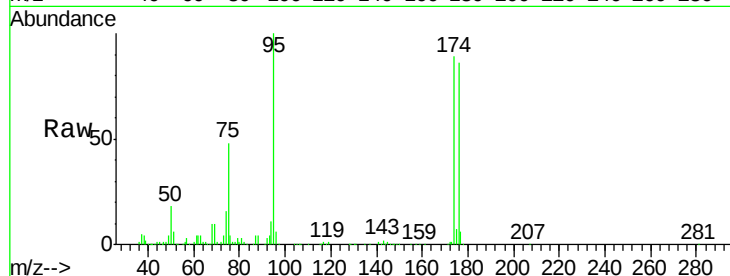
Tot Ion: 95 Resp: 361278

Ion Ratio Lower Upper

95 100

174 90.4 0.0 179.6

176 87.2 0.0 174.0

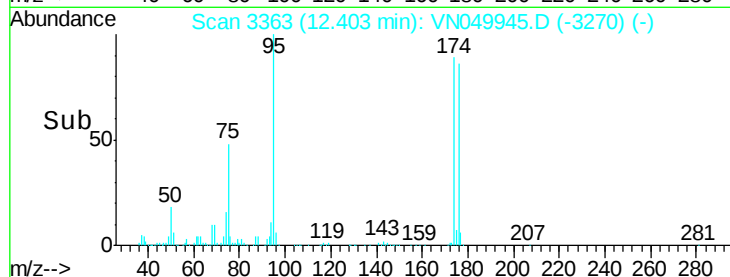


Abundance Ion 94.90 (94.60 to 95.60): VN049866.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN049866.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN049866.D (-3348) (-)

Time-->

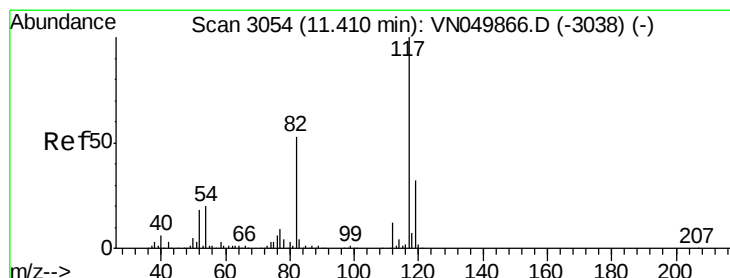


Abundance Ion 94.90 (94.60 to 95.60): VN049945.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049945.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049945.D (-3270) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

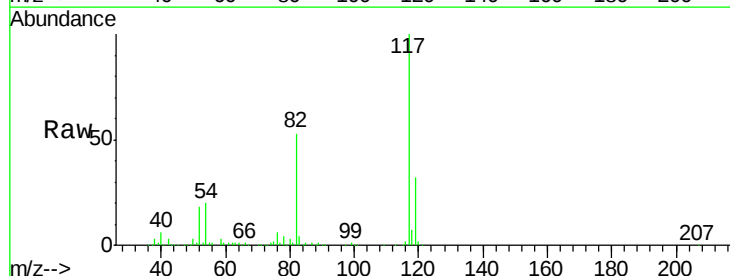
Tgt Ion: 117 Resp: 800002

Ion Ratio Lower Upper

117 100

82 53.4 41.9 62.9

119 32.4 25.4 38.2

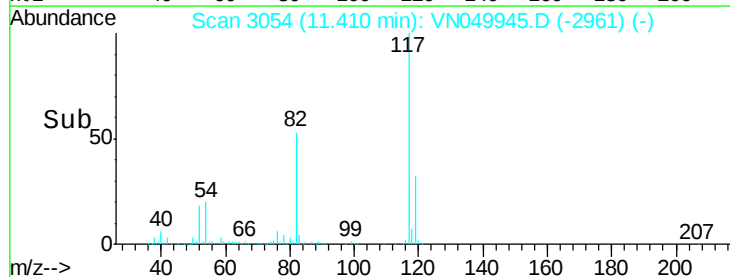


Abundance Ion 116.90 (116.60 to 117.60): VN049866.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049866.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049866.D (-3038) (-)

Time-->

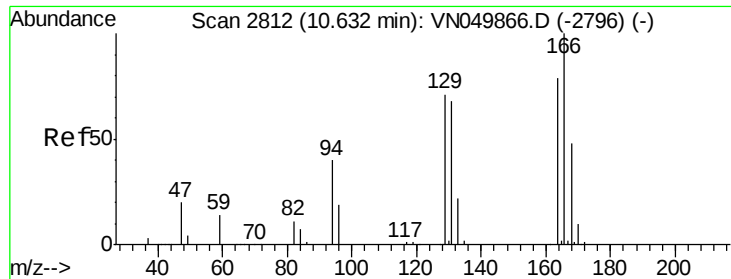


Abundance Ion 116.90 (116.60 to 117.60): VN049945.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049945.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049945.D (-2961) (-)

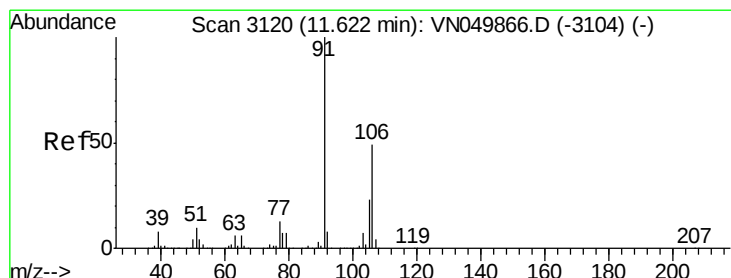
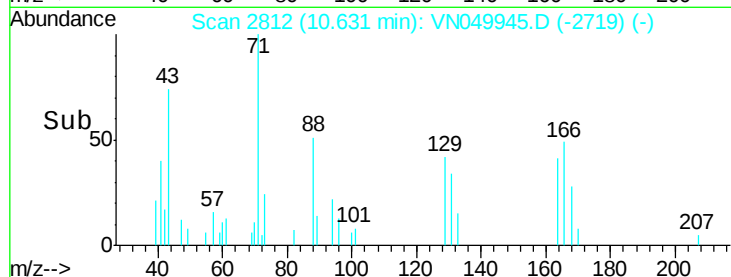
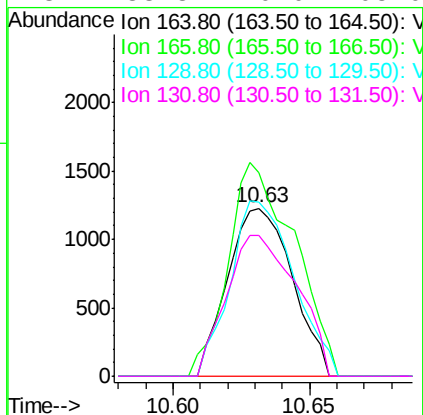
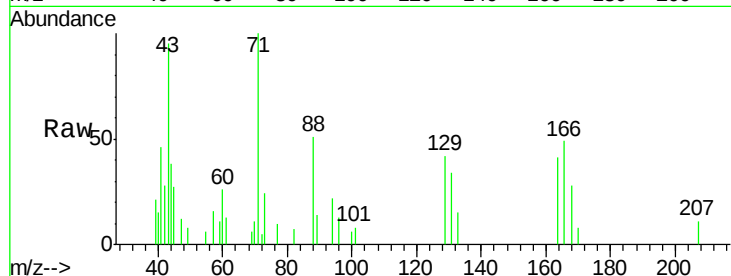
Time-->



#64
Tetrachloroethene
Concen: 0.28 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. -0.00 min
Lab File: VN049945.D
Acq: 20 Jul 2018 4:32

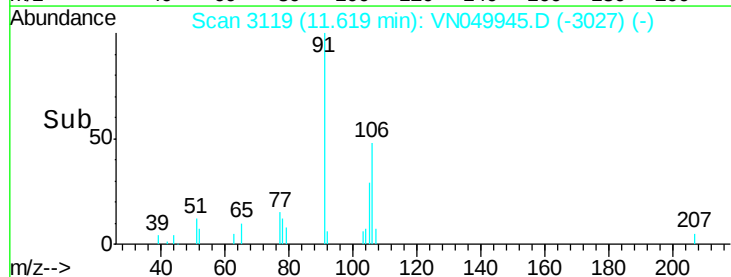
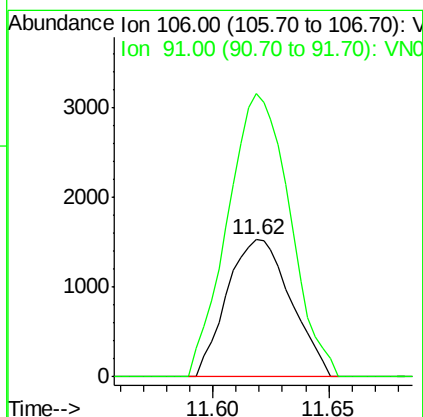
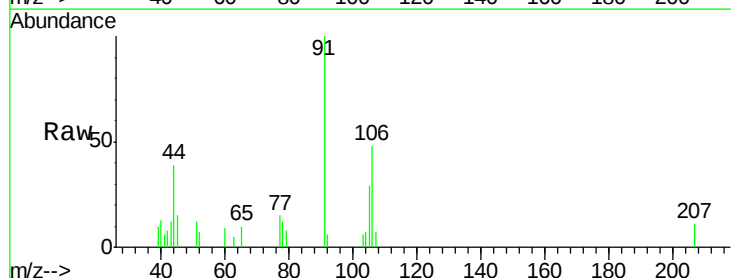
Instrument :
MSVOA_N
ClientSampleId :
SB8-12-0

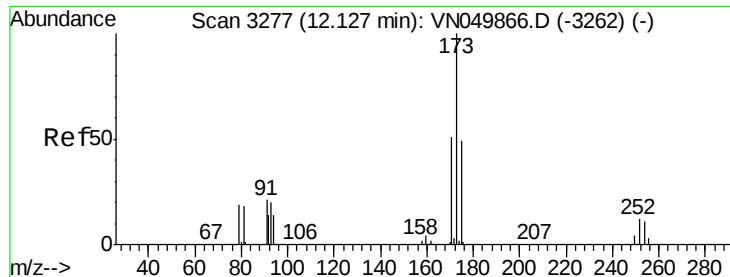
Tot Ion:164 Resp: 2015
Ion Ratio Lower Upper
164 100
166 120.9 101.8 152.6
129 103.9 72.8 109.2
131 83.8 70.0 105.0



#68
m/p-Xylenes
Concen: 0.24 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049945.D
Acq: 20 Jul 2018 4:32

Tgt Ion:106 Resp: 2925
Ion Ratio Lower Upper
106 100
91 200.5 163.4 245.2





#71

Bromoform

Concen: 0.34 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

Instrument :

MSVOA_N

ClientSampleId :

SB8-12-0

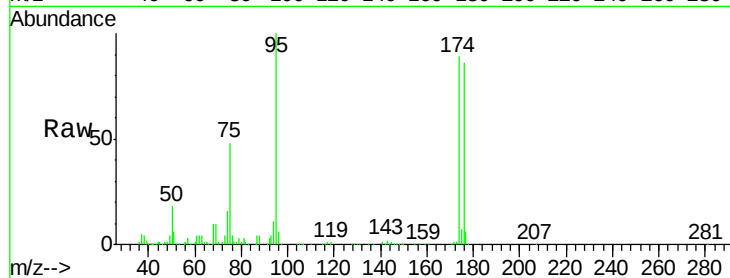
Tot Ion:173 Resp: 1881

Ion Ratio Lower Upper

173 100

175 1053.5 24.6 73.8#

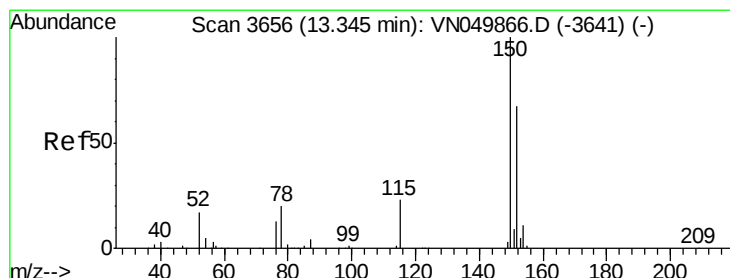
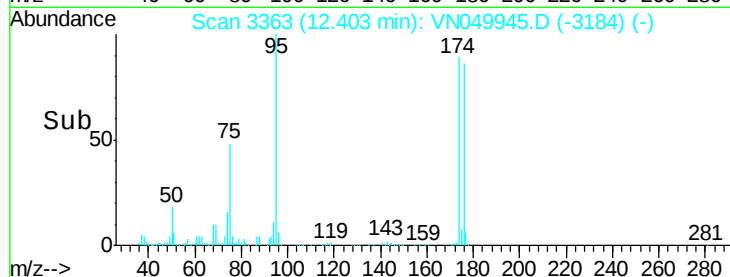
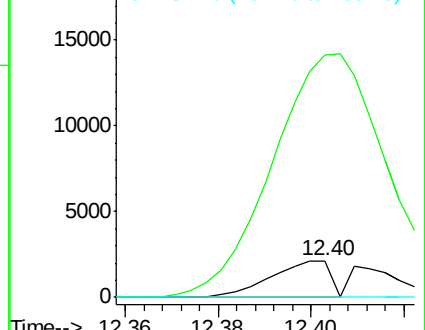
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

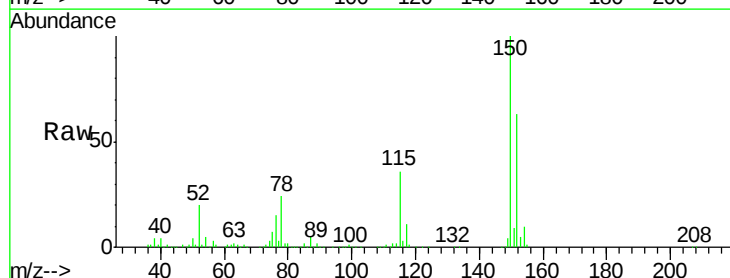
Tgt Ion:152 Resp: 307839

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

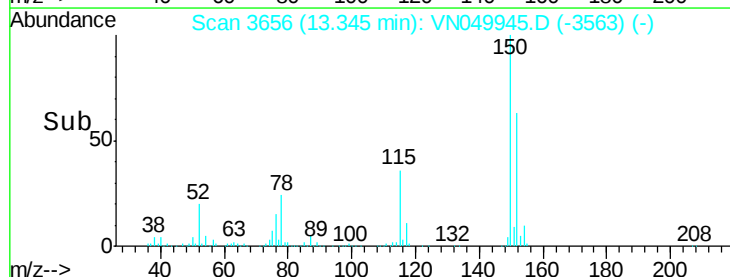
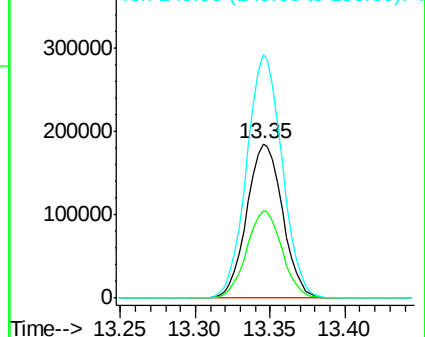
150 156.7 0.0 347.6

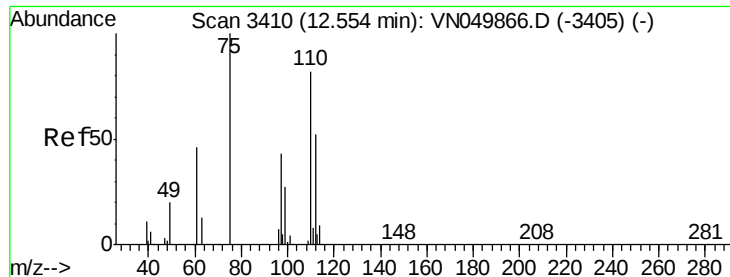


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 30.72 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

Instrument :

MSVOA_N

ClientSampleId :

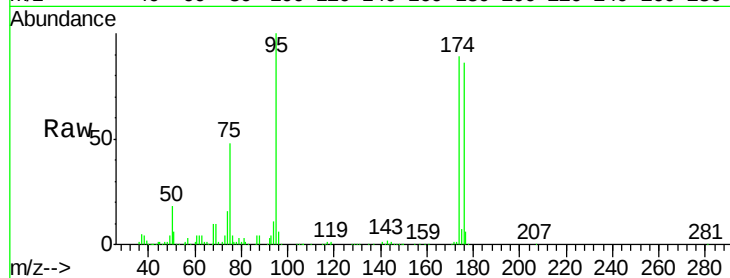
SB8-12-0

Tot Ion: 75 Resp: 177411

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO

120000

100000

80000

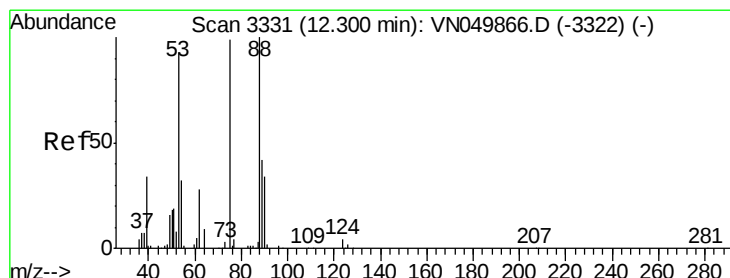
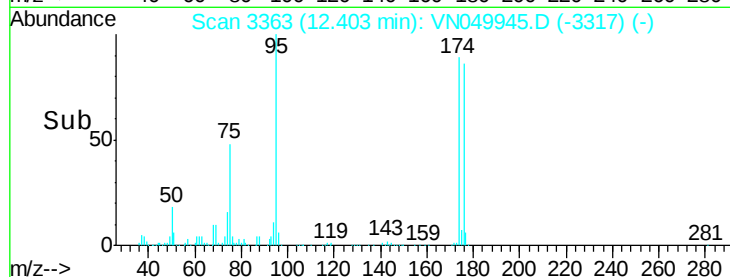
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 96.07 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049945.D

Acq: 20 Jul 2018 4:32

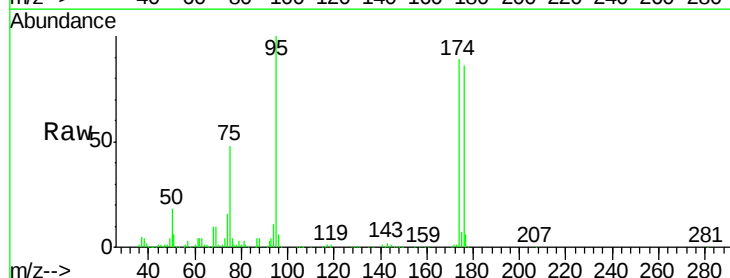
Tgt Ion: 75 Resp: 177411

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

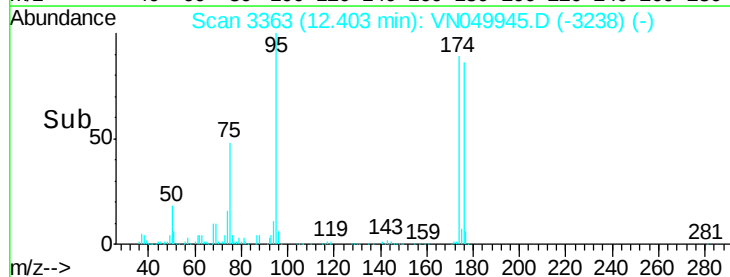
Ion 88.90 (88.60 to 89.60): VNO

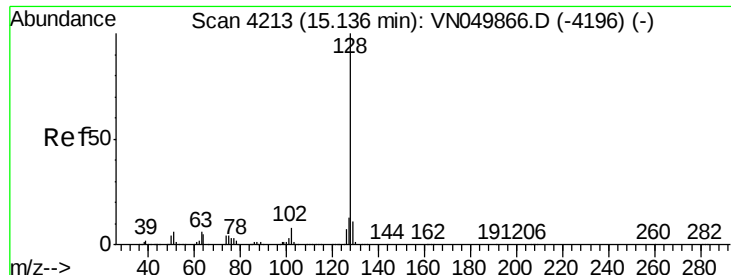
100000

50000

0

Time--> 12.30 12.40 12.50





#95
Naphthalene
Concen: 5.62 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049945.D
Acq: 20 Jul 2018 4:32

Instrument :
MSVOA_N
ClientSampleId :
SB8-12-0

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.4	15.6
129	10.5	8.6	13.0

