

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049991.D
 Acq On : 21 Jul 2018 5:40
 Operator : MD\SY
 Sample : J4062-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Jul 21 06:28:30 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	554389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	945783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	788769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	294840	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	401941	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
35) Dibromofluoromethane	7.59	113	359341	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
50) Toluene-d8	10.09	98	1257101	43.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.90%	
62) 4-Bromofluorobenzene	12.40	95	345786	34.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.42%	

Target Compounds

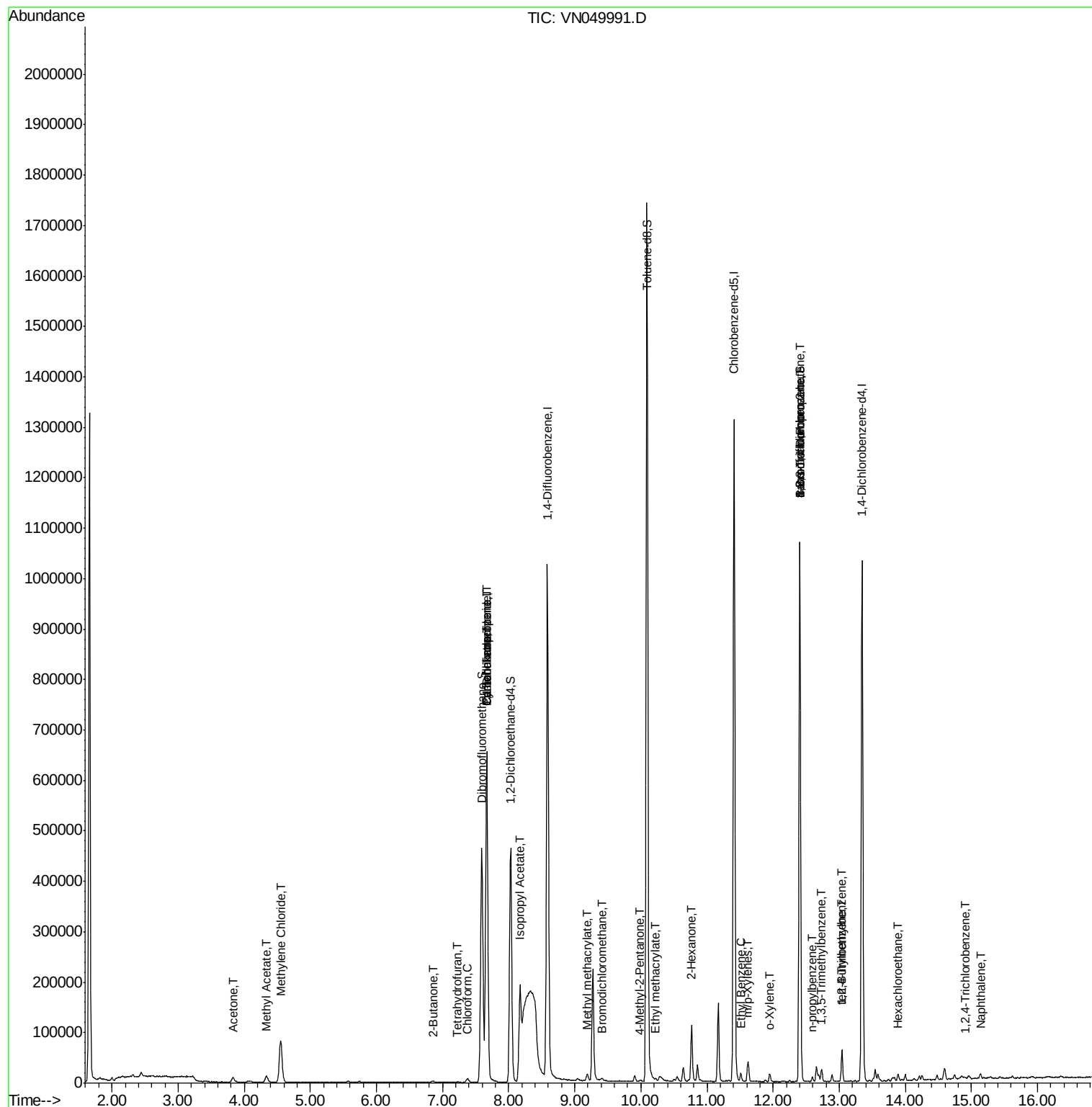
						Qvalue
5) Bromomethane	2.56	94	262	Below Cal	#	66
16) Acetone	3.83	43	16564	8.40	ug/l #	87
18) Methyl Acetate	4.34	43	23230	2.97	ug/l	97
20) Methylene Chloride	4.55	84	61897	8.25	ug/l	98
25) 2-Butanone	6.86	43	2176	0.77	ug/l #	87
29) Tetrahydrofuran	7.21	42	519	0.29	ug/l #	64
30) Chloroform	7.38	83	8005	0.63	ug/l	97
31) Cyclohexane	7.67	56	10117	1.00	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	39375	3.74	ug/l #	44
38) Carbon Tetrachloride	7.67	117	49279	4.37	ug/l #	16
43) Isopropyl Acetate	8.17	43	233162	18.48	ug/l	97
47) Bromodichloromethane	9.40	83	3014	0.27	ug/l #	96
48) Methyl methacrylate	9.18	41	8332	1.32	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	2056	0.29	ug/l	89
56) Ethyl methacrylate	10.23	69	2162	2.35	ug/l #	73
59) 2-Hexanone	10.77	43	16175	3.41	ug/l #	58
67) Ethyl Benzene	11.51	91	11660	0.36	ug/l	95
68) m/p-Xylenes	11.62	106	12780	1.05	ug/l	99
69) o-Xylene	11.95	106	4384	0.38	ug/l	88
71) Bromoform	12.41	173	3153	0.57	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	170716	30.87	ug/l #	100
78) n-propylbenzene	12.59	91	8124	0.32	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	12045	0.67	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	170716	96.52	ug/l #	13
83) tert-Butylbenzene	13.04	119	5605	0.36	ug/l #	78
84) 1,2,4-Trimethylbenzene	13.04	105	33023	1.82	ug/l	99
90) Hexachloroethane	13.89	117	968	0.24	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	147	3.50	ug/l #	12
95) Naphthalene	15.14	128	9089	5.08	ug/l	97

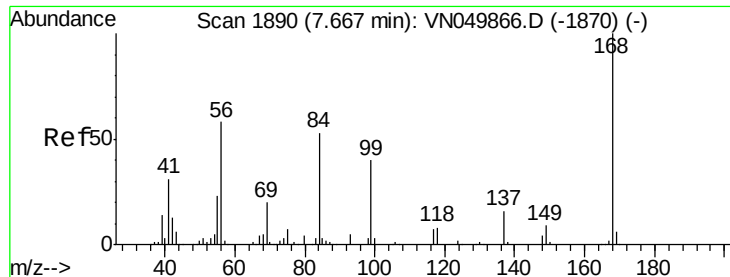
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 21 06:28:30 2018
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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: VN049991.D

Acq: 21 Jul 2018 5:40

Instrument :

MSVOA_N

ClientSampled :

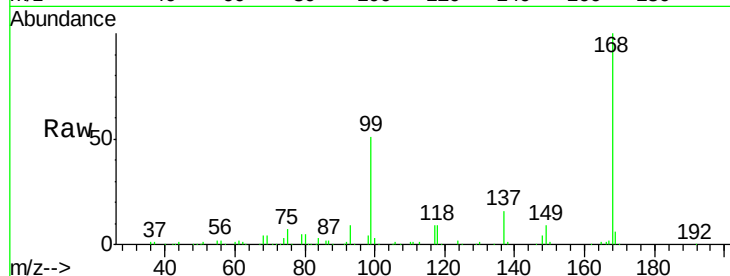
TP-3

Tot Ion:168 Resp: 554389

Ion Ratio Lower Upper

168 100

99 51.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN049866.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN049866.D (-1870) (-)

7.67

250000

200000

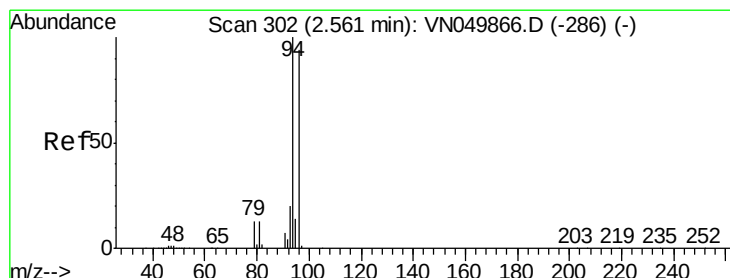
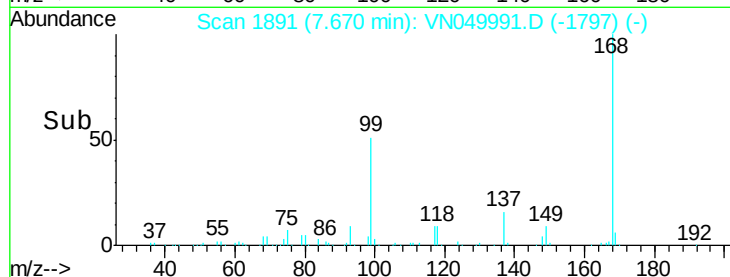
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 302

Delta R.T. 0.00 min

Lab File: VN049991.D

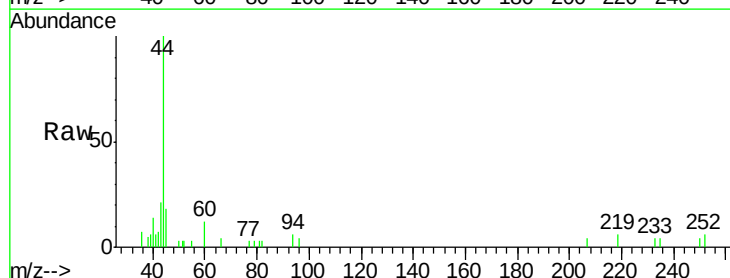
Acq: 21 Jul 2018 5:40

Tgt Ion: 94 Resp: 262

Ion Ratio Lower Upper

94 100

96 61.4 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VN049866.D (-286) (-)

Ion 95.90 (95.60 to 96.60): VN049866.D (-286) (-)

2.56

500

400

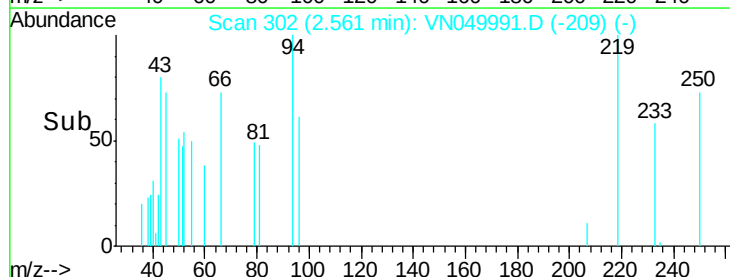
300

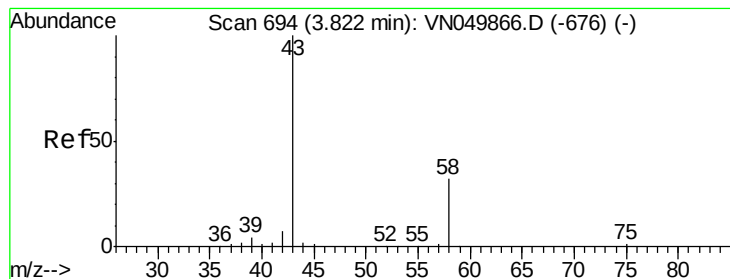
200

100

0

Time-->





#16

Acetone

Concen: 8.40 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049991.D

Acq: 21 Jul 2018 5:40

Instrument :

MSVOA_N

ClientSampled :

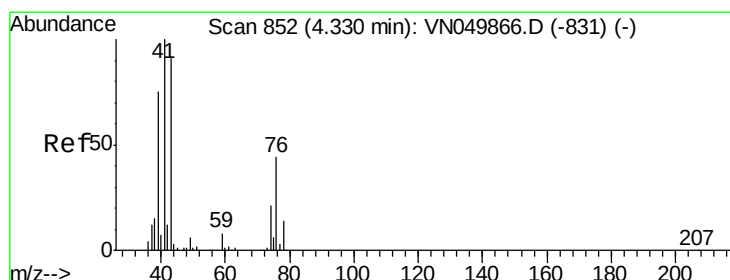
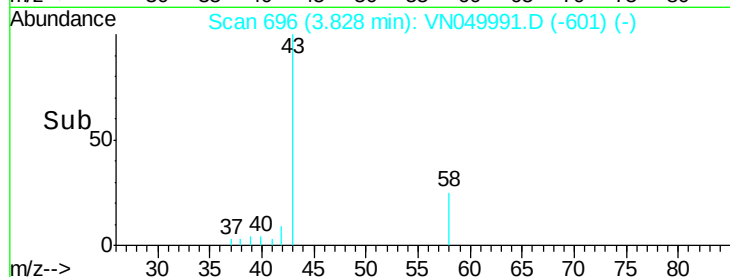
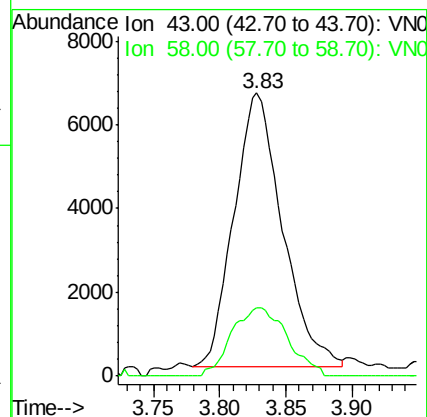
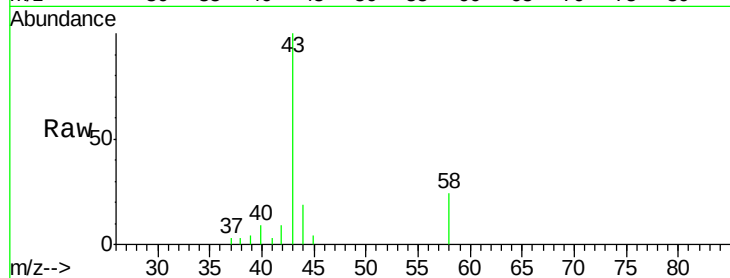
TP-3

Tot Ion: 43 Resp: 16564

Ion Ratio Lower Upper

43 100

58 25.0 25.9 38.9#



#18

Methyl Acetate

Concen: 2.97 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN049991.D

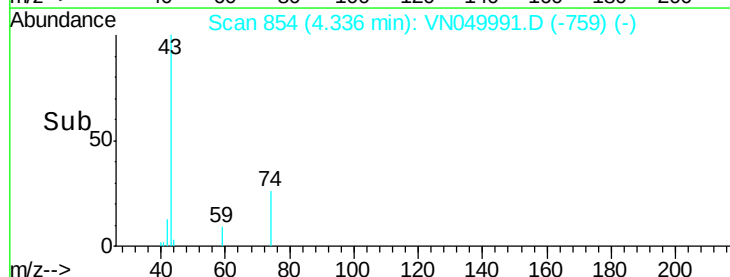
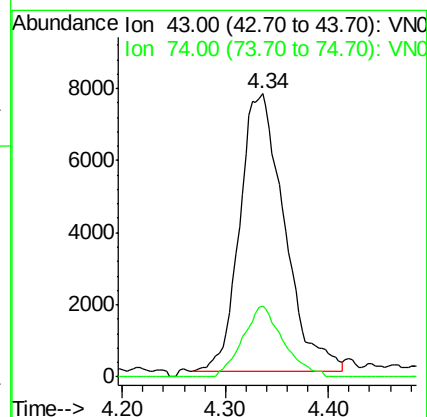
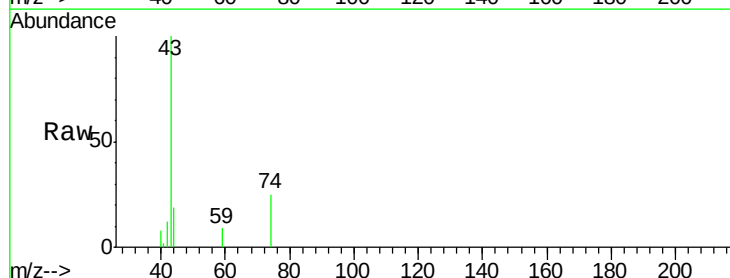
Acq: 21 Jul 2018 5:40

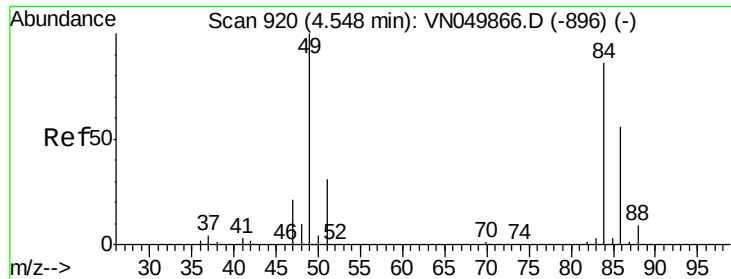
Tgt Ion: 43 Resp: 23230

Ion Ratio Lower Upper

43 100

74 23.1 19.8 29.8

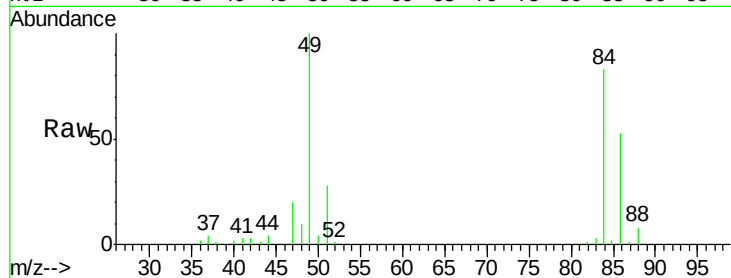




#20
Methvlene Chloride
Concen: 8.25 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

Instrument :
MSVOA_N
ClientSampled :
TP-3

Tot Ion:	84	Resp:	61897
Ion	Ratio	Lower	Upper
84	100		
49	119.8	95.4	143.2
51	33.5	28.4	42.6
86	63.5	52.6	79.0

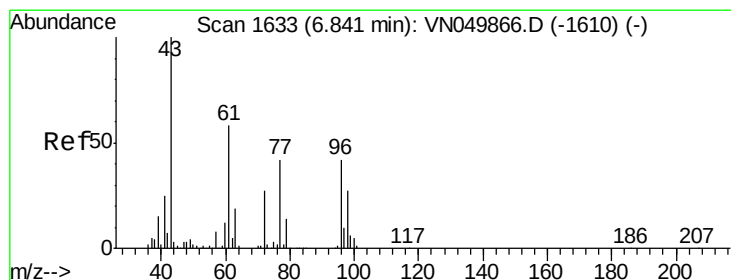
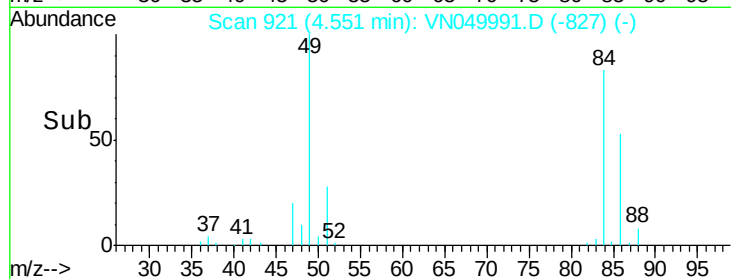
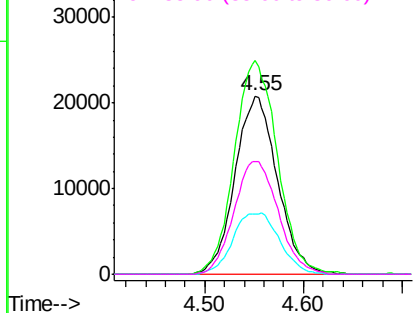


Abundance Ion 83.90 (83.60 to 84.60): VN049991.D (-827) (-)

Ion 48.90 (48.60 to 49.60): VN049991.D (-827) (-)

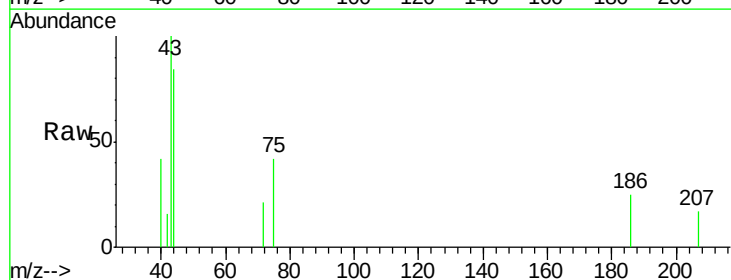
Ion 50.90 (50.60 to 51.60): VN049991.D (-827) (-)

Ion 85.90 (85.60 to 86.60): VN049991.D (-827) (-)



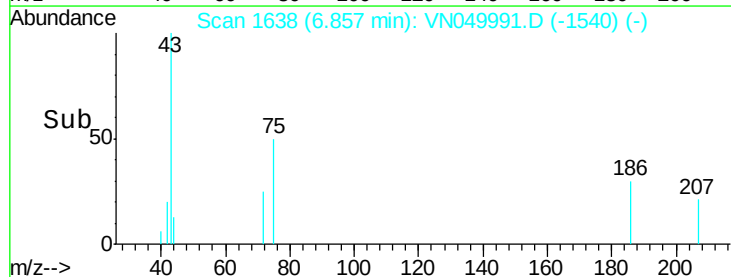
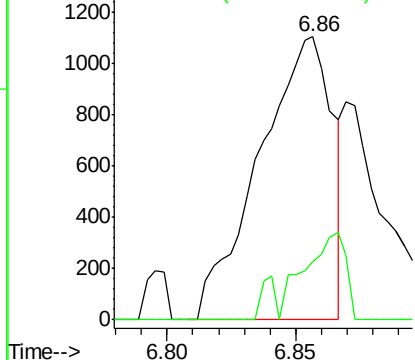
#25
2-Butanone
Concen: 0.77 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

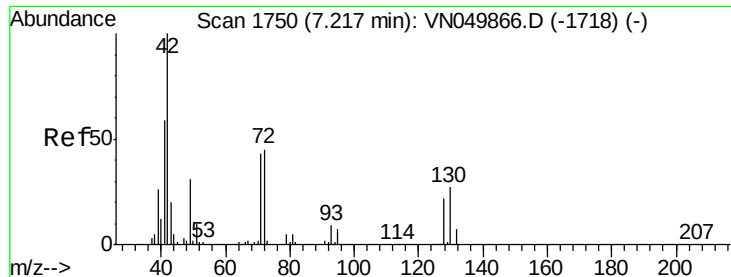
Tgt Ion:	43	Resp:	2176
Ion	Ratio	Lower	Upper
43	100		
72	20.7	22.1	33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN049991.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN049991.D (-1540) (-)





#29

Tetrahydrofuran

Concen: 0.29 ug/l

RT: 7.21 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VN049991.D

Acq: 21 Jul 2018 5:40

Instrument :

MSVOA_N

ClientSampled :

TP-3

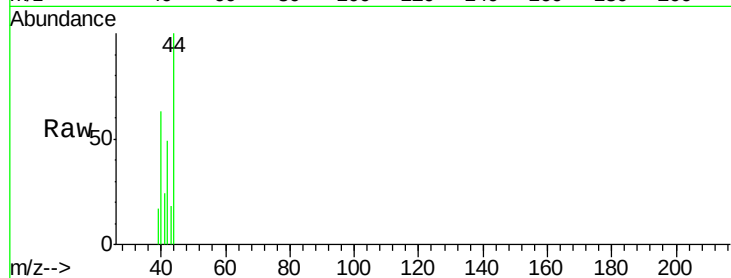
Tot Ion: 42 Resp: 519

Ion Ratio Lower Upper

42 100

72 0.0 35.6 53.4#

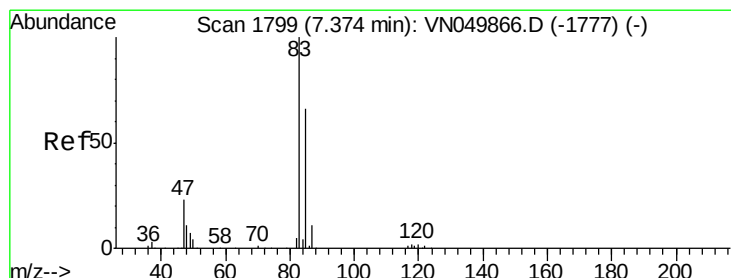
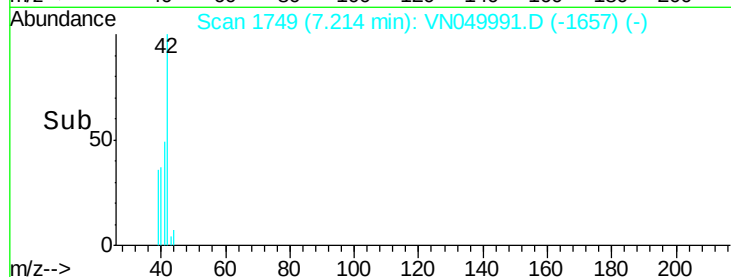
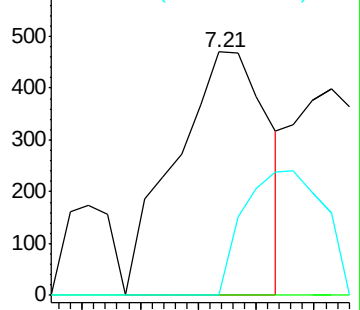
71 44.3 34.0 51.0



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



#30

Chloroform

Concen: 0.63 ug/l

RT: 7.38 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN049991.D

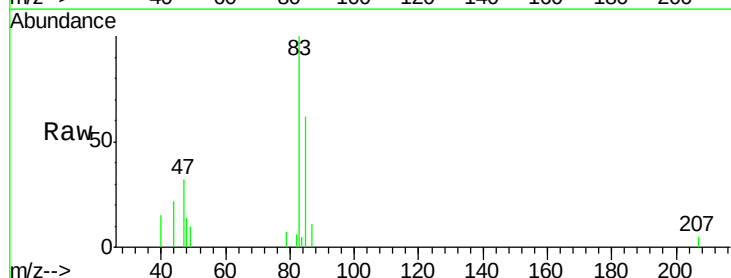
Acq: 21 Jul 2018 5:40

Tgt Ion: 83 Resp: 8005

Ion Ratio Lower Upper

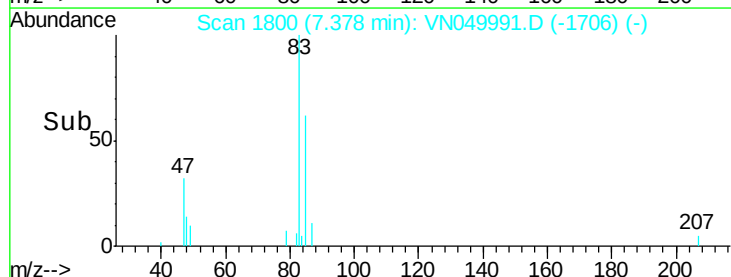
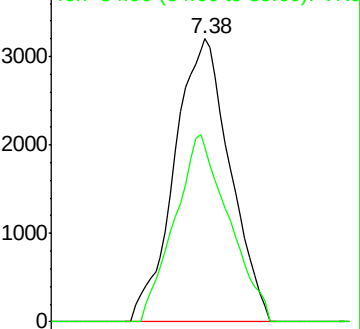
83 100

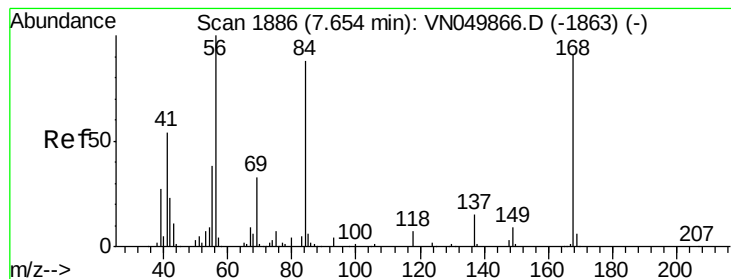
85 61.9 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 1.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.02 min

Lab File: VN049991.D

Acq: 21 Jul 2018 5:40

Instrument :

MSVOA_N

ClientSampled :

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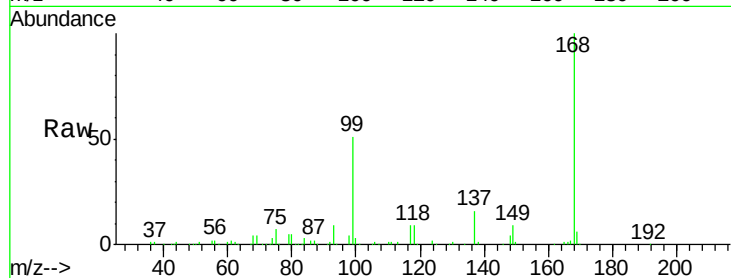
Tot Ion: 56 Resp: 10117

Ion Ratio Lower Upper

56 100

69 189.3 26.6 40.0#

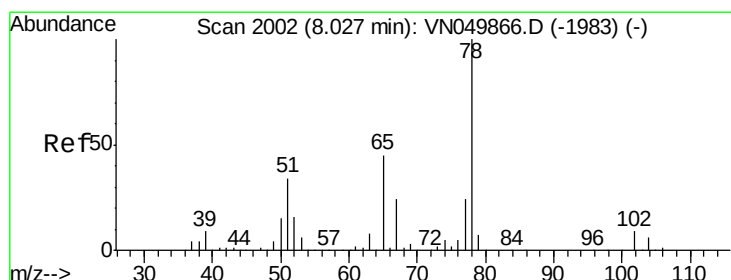
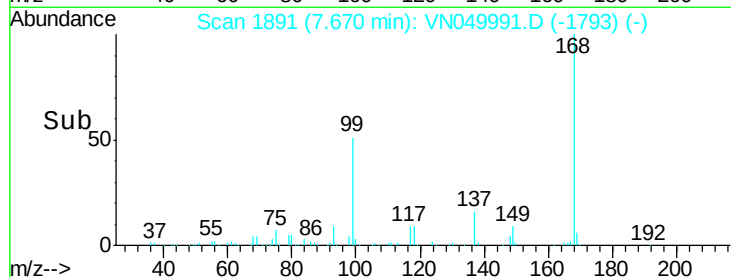
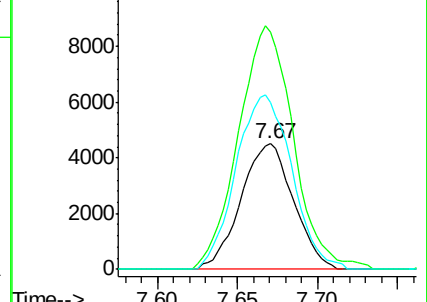
84 132.4 69.0 103.6#



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: 52.75 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049991.D

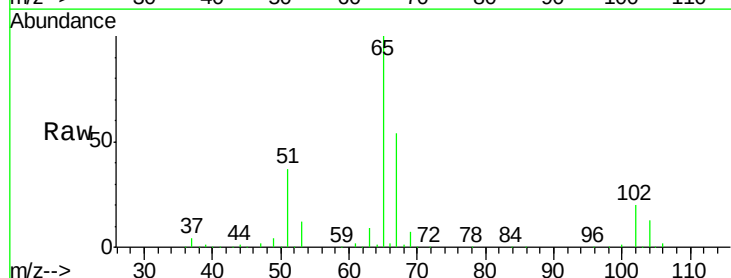
Acq: 21 Jul 2018 5:40

Tgt Ion: 65 Resp: 401941

Ion Ratio Lower Upper

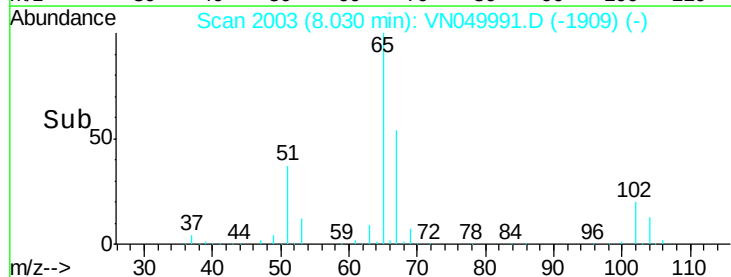
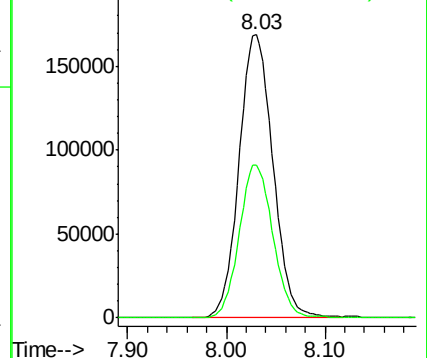
65 100

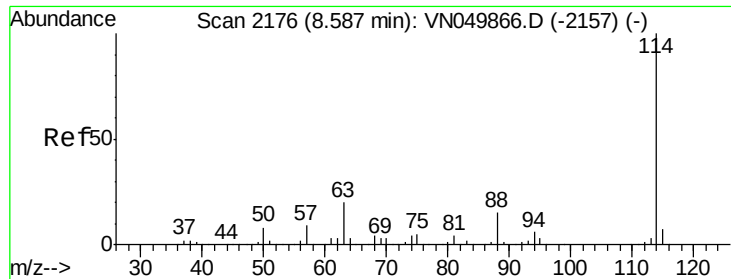
67 53.7 0.0 107.2



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

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

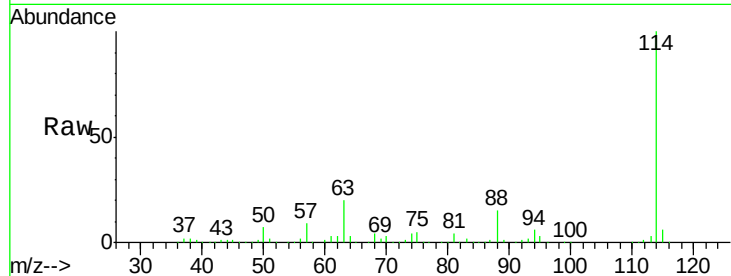




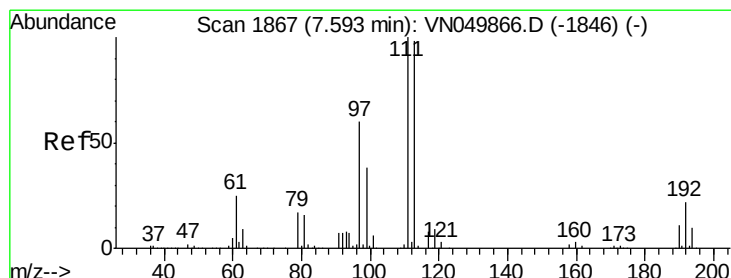
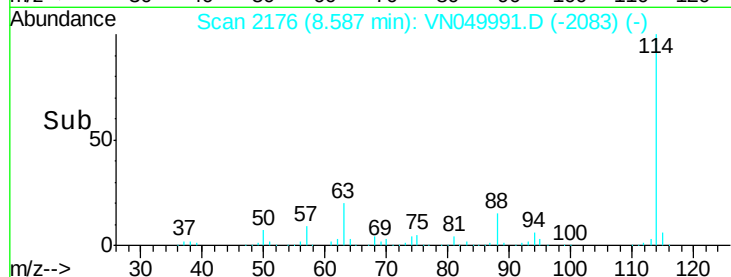
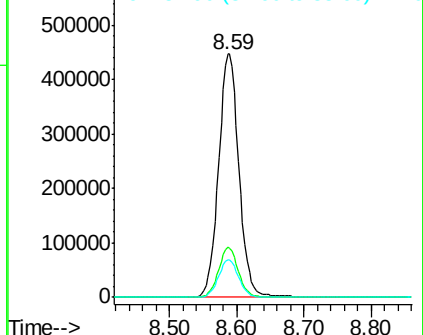
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. -0.00 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tot Ion:114 Resp: 945783
Ion Ratio Lower Upper
114 100
63 20.5 0.0 39.8
88 15.3 0.0 30.6

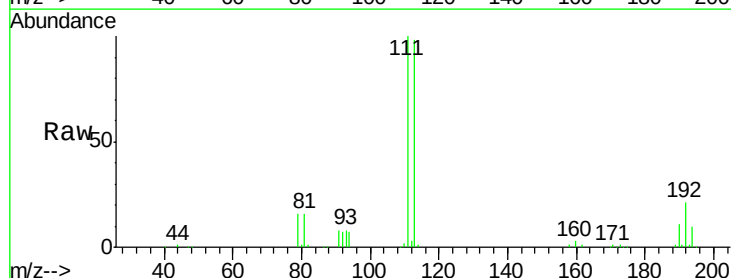


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

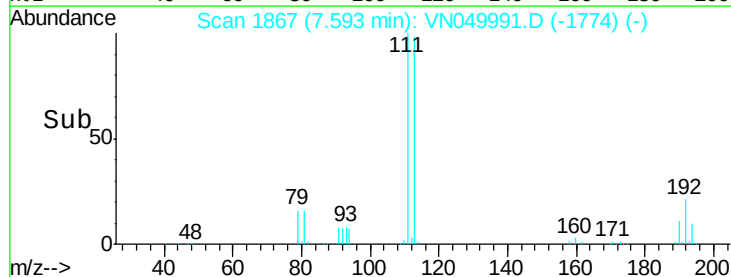
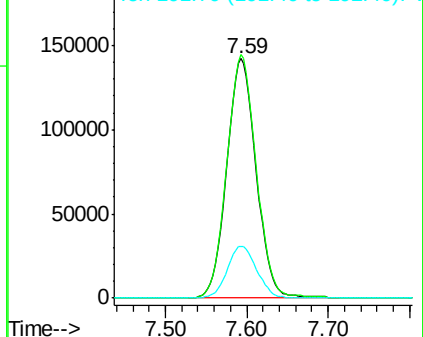


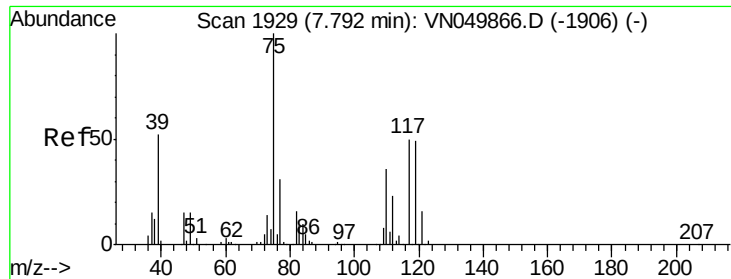
#35
Dibromofluoromethane
Concen: 45.26 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

Tgt Ion:113 Resp: 359341
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.8
192 21.7 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

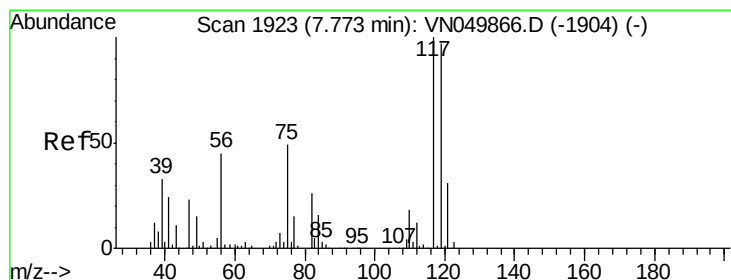
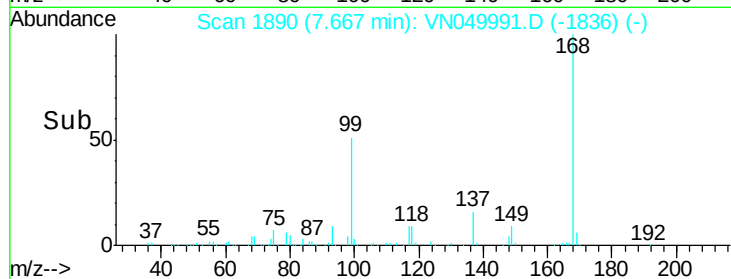
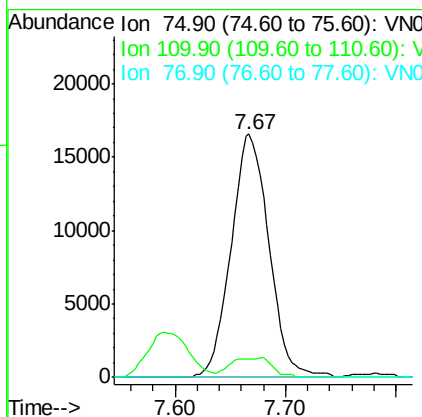
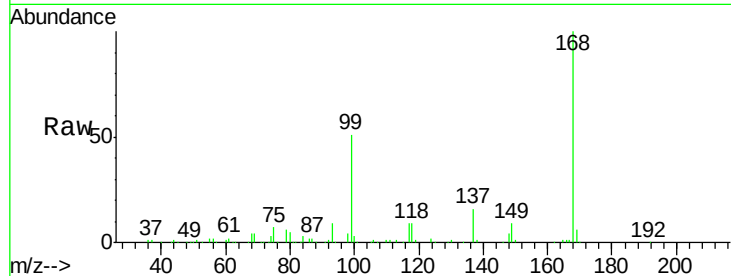




#36
 1,1-Dichloropropene
 Concen: 3.74 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049991.D
 Acq: 21 Jul 2018 5:40

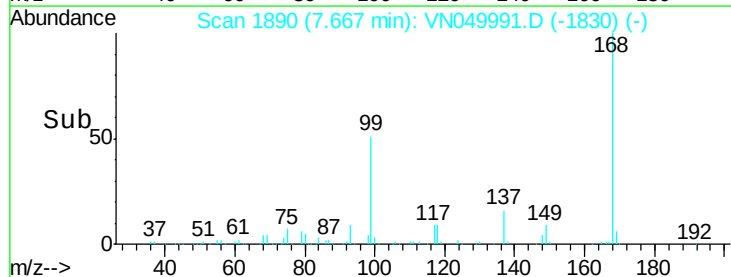
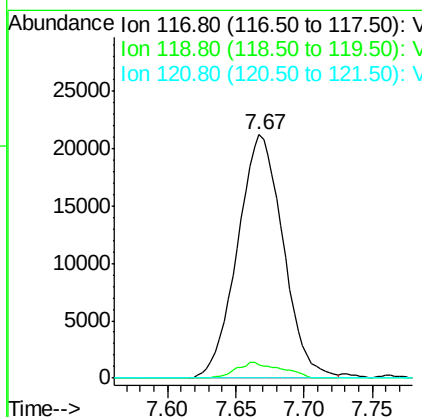
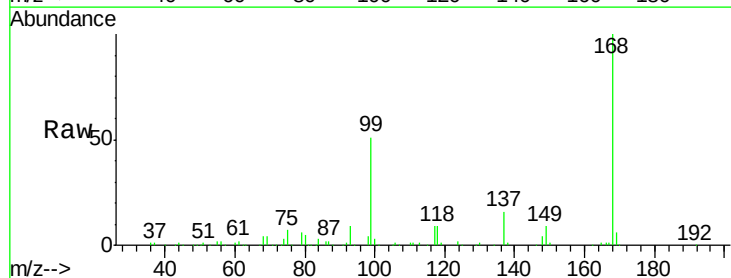
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

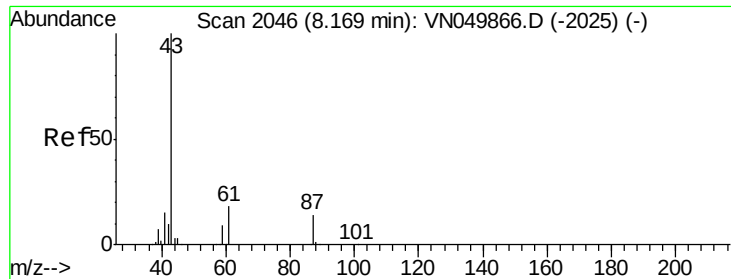
Tot Ion	75	Resp	39375
Ion Ratio	Lower	Upper	
75	100		
110	3.6	18.1	54.4#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 4.37 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN049991.D
 Acq: 21 Jul 2018 5:40

Tgt Ion	117	Resp	49279
Ion Ratio	Lower	Upper	
117	100		
119	5.6	77.2	115.8#
121	0.0	25.0	37.6#





#43

Isopropyl Acetate

Concen: 18.48 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN049991.D

Acq: 21 Jul 2018 5:40

Instrument :

MSVOA_N

ClientSampled :

TP-3

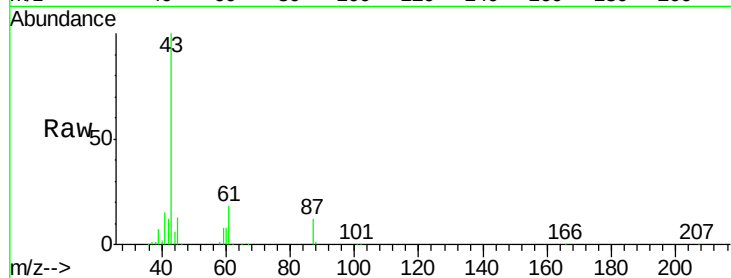
Tot Ion: 43 Resp: 233162

Ion Ratio Lower Upper

43 100

61 17.3 14.9 22.3

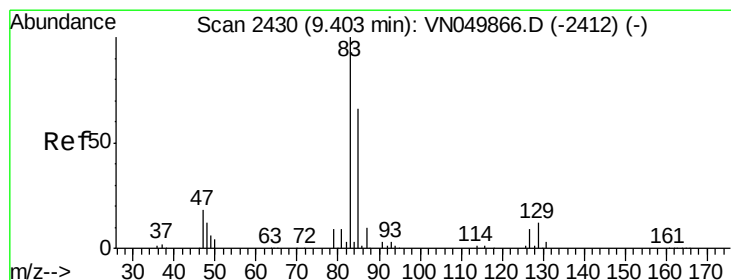
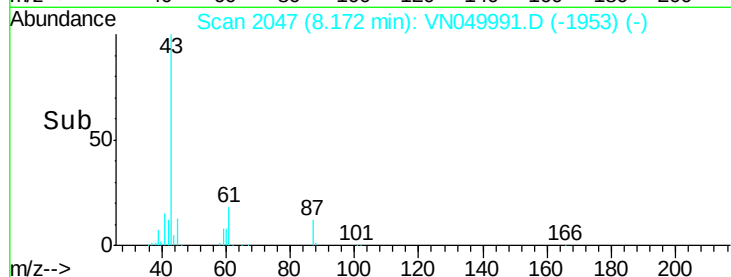
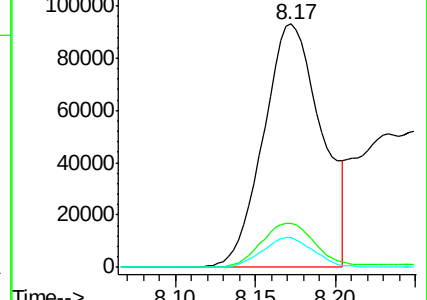
87 11.0 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VN049866.D (-2025) (-)

Ion 61.00 (60.70 to 61.70): VN049866.D (-2025) (-)

Ion 87.00 (86.70 to 87.70): VN049866.D (-2025) (-)



#47

Bromodichloromethane

Concen: 0.27 ug/l

RT: 9.40 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VN049991.D

Acq: 21 Jul 2018 5:40

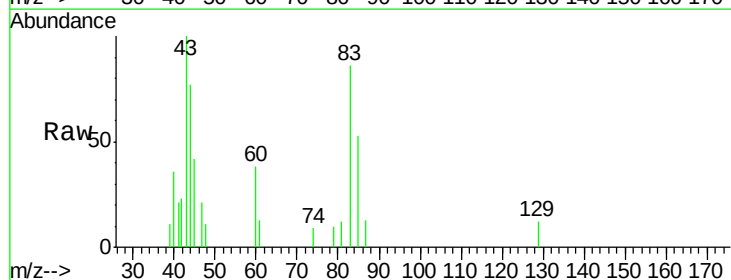
Tgt Ion: 83 Resp: 3014

Ion Ratio Lower Upper

83 100

85 62.0 50.5 75.7

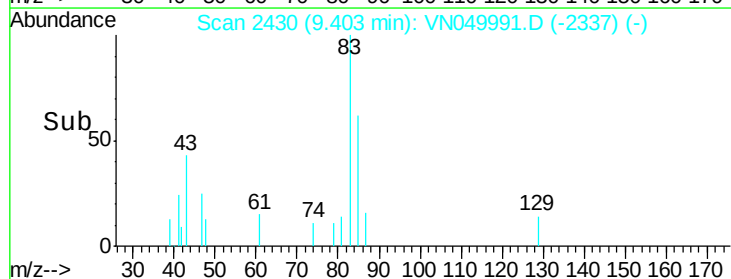
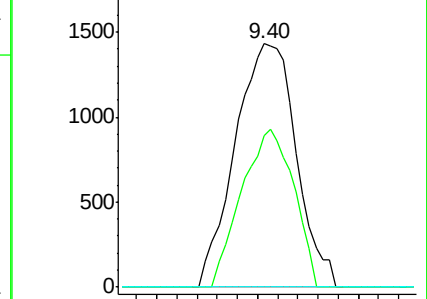
127 0.0 6.8 10.2#

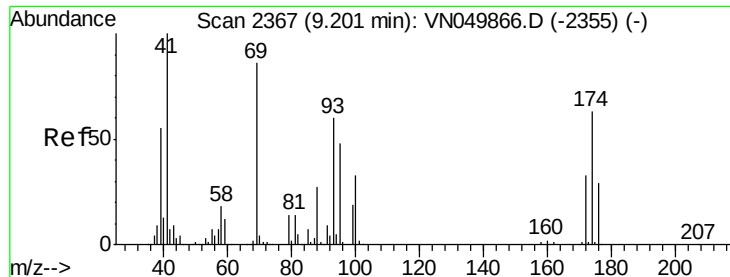


Abundance Ion 82.90 (82.60 to 83.60): VN049866.D (-2412) (-)

Ion 84.90 (84.60 to 85.60): VN049866.D (-2412) (-)

Ion 126.80 (126.50 to 127.50): VN049866.D (-2412) (-)

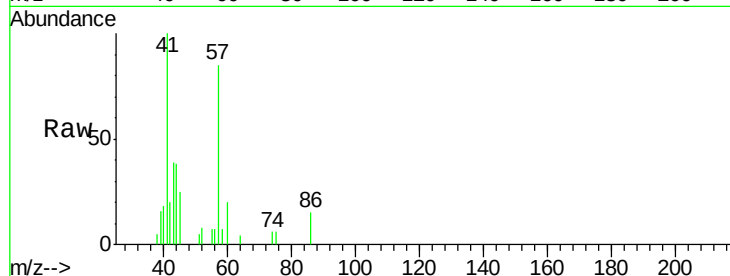




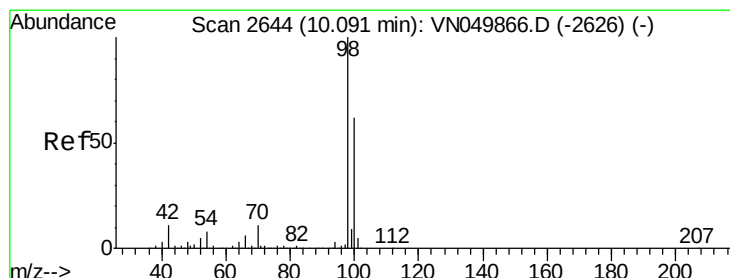
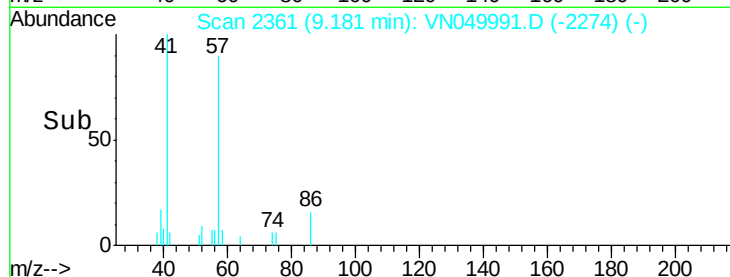
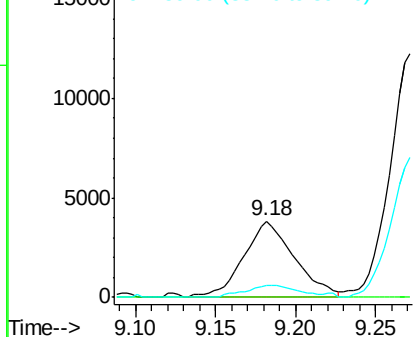
#48
Methvl methacrylate
Concen: 1.32 ug/l
RT: 9.18 min Scan# 2361
Delta R.T. -0.02 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tot Ion: 41 Resp: 8332
Ion Ratio Lower Upper
41 100
69 0.0 71.5 107.3#
39 16.2 44.7 67.1#

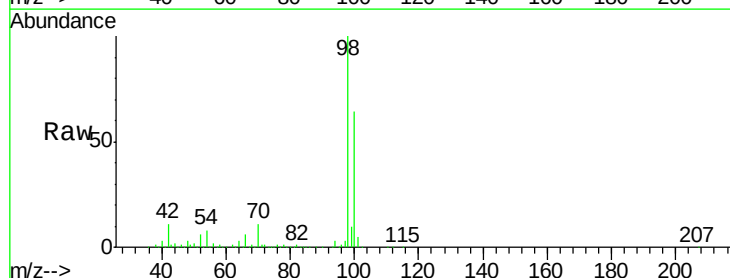


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

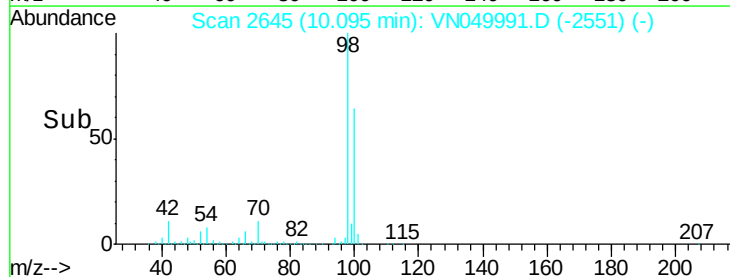
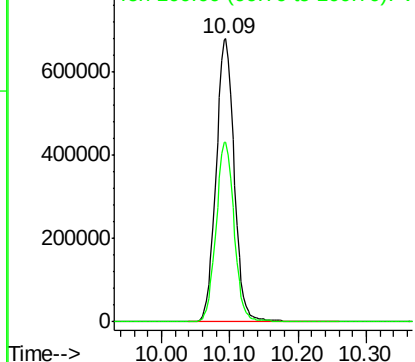


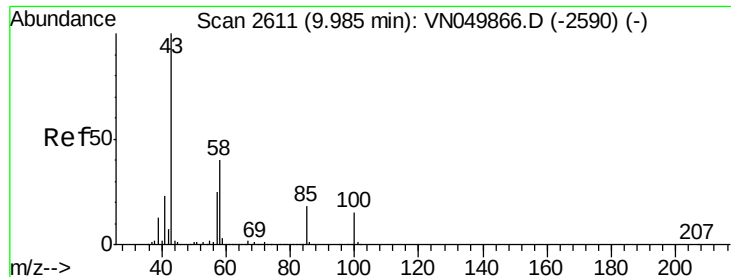
#50
Toluene-d8
Concen: 43.45 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

Tgt Ion: 98 Resp: 1257101
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

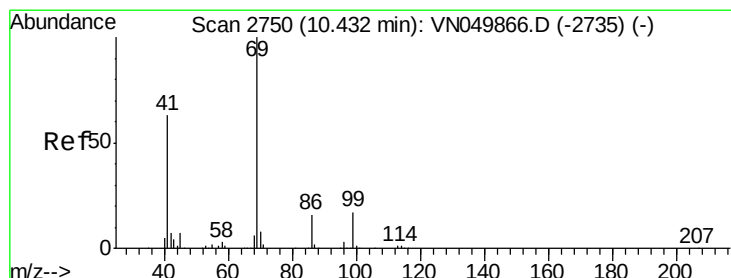
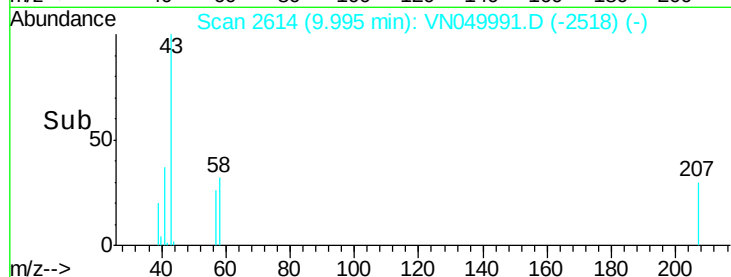
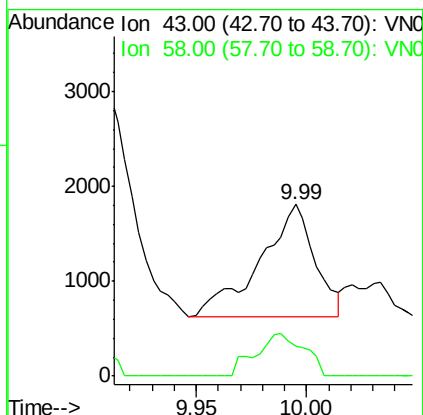
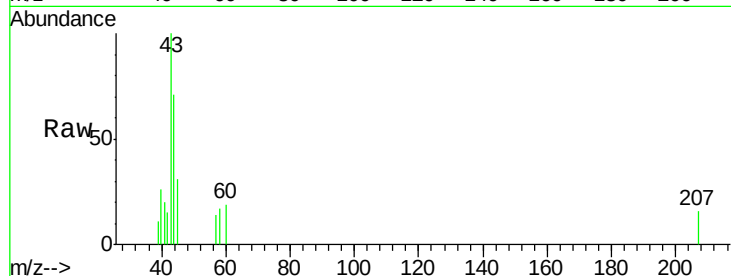




#51
4-Methyl-2-Pentanone
Concen: 0.29 ug/l
RT: 9.99 min Scan# 2614
Delta R.T. 0.01 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

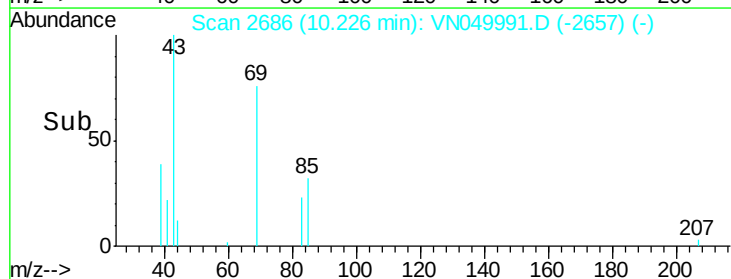
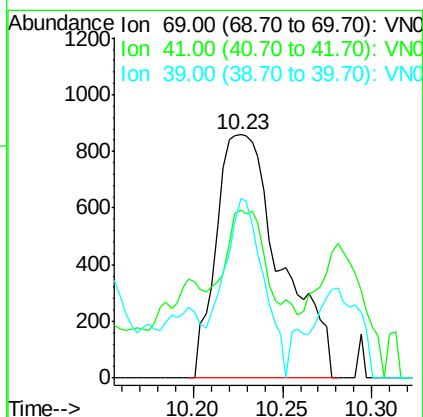
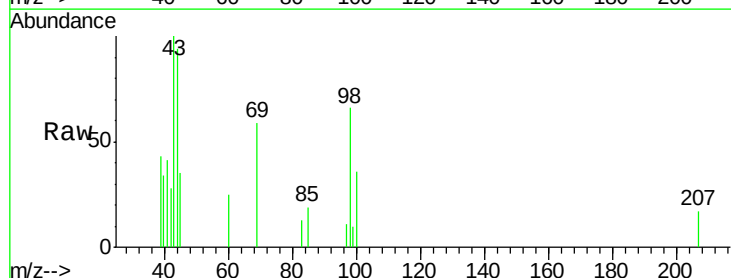
Instrument :
MSVOA_N
ClientSampled :
TP-3

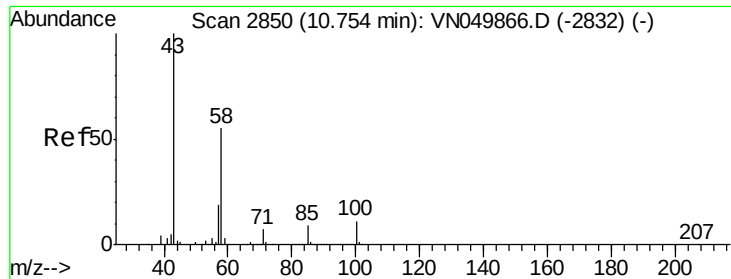
Tot Ion: 43 Resp: 2056
Ion Ratio Lower Upper
43 100
58 33.2 31.8 47.8



#56
Ethyl methacrylate
Concen: 2.35 ug/l
RT: 10.23 min Scan# 2686
Delta R.T. -0.21 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

Tgt Ion: 69 Resp: 2162
Ion Ratio Lower Upper
69 100
41 42.4 51.6 77.4#
39 45.4 25.8 38.8#

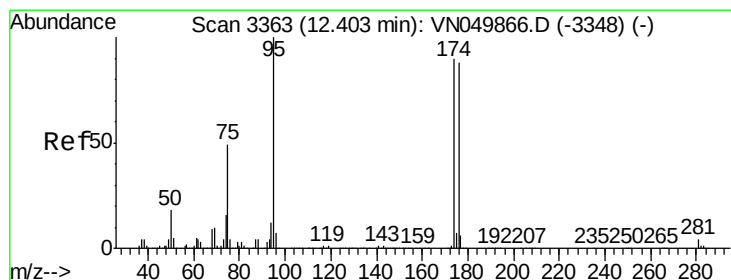
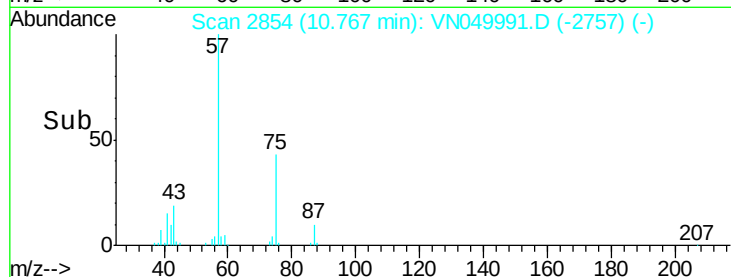
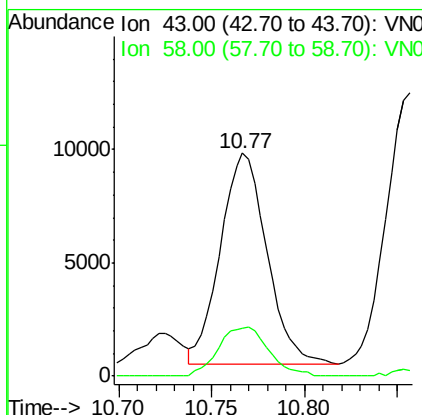
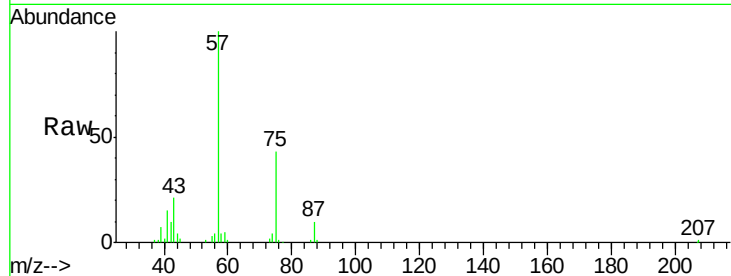




#59
2-Hexanone
Concen: 3.41 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

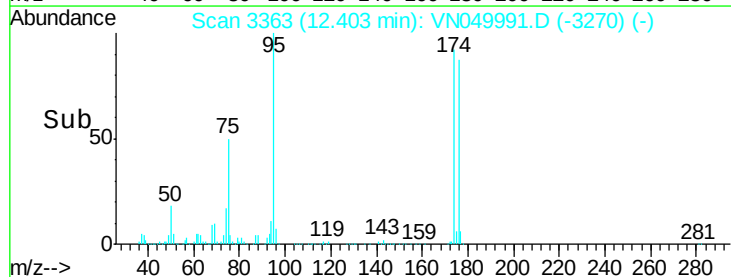
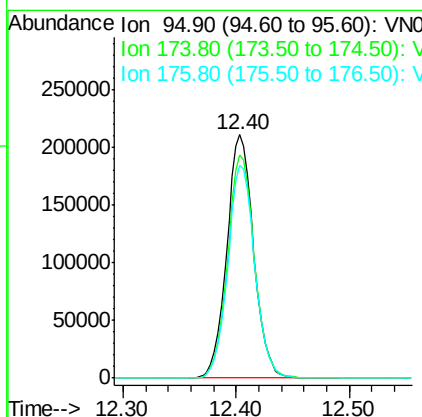
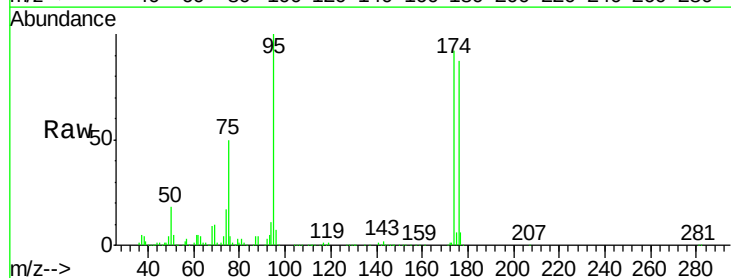
Instrument :
MSVOA_N
ClientSampled :
TP-3

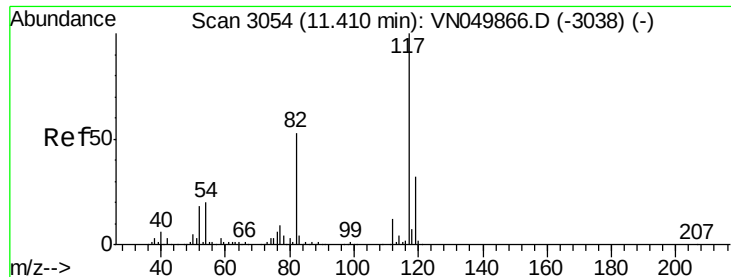
Tot Ion: 43 Resp: 16175
Ion Ratio Lower Upper
43 100
58 25.2 27.8 83.4#



#62
4-Bromofluorobenzene
Concen: 34.71 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

Tgt Ion: 95 Resp: 345786
Ion Ratio Lower Upper
95 100
174 92.6 0.0 179.6
176 88.0 0.0 174.0

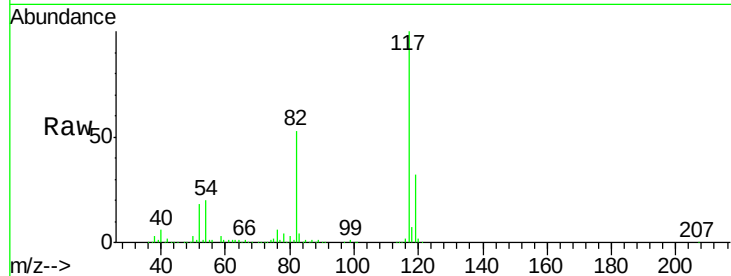




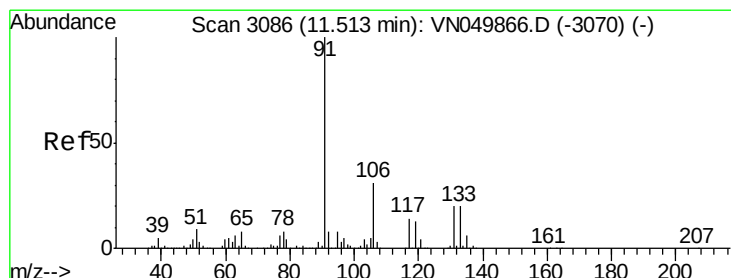
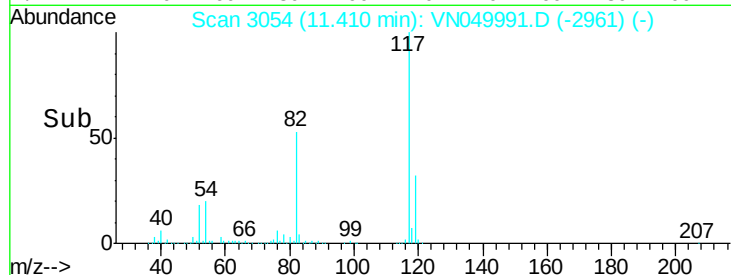
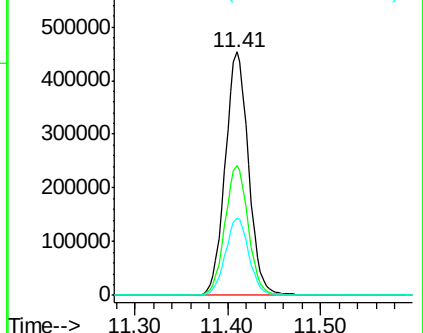
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

Instrument :
MSVOA_N
ClientSampled :
TP-3

Tot Ion:117 Resp: 788769
Ion Ratio Lower Upper
117 100
82 53.3 41.9 62.9
119 31.8 25.4 38.2

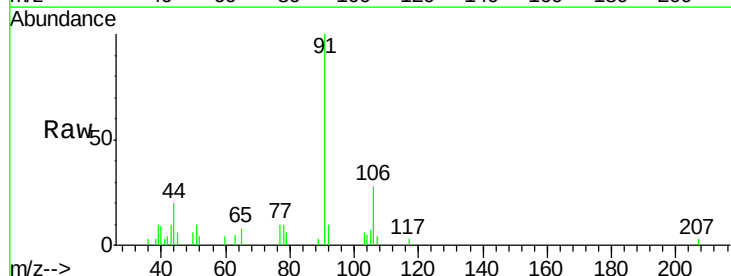


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

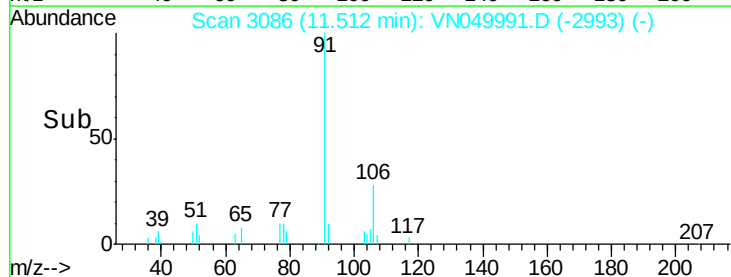
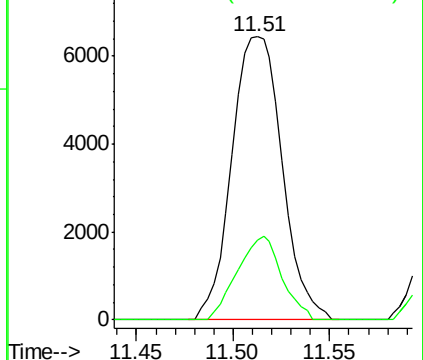


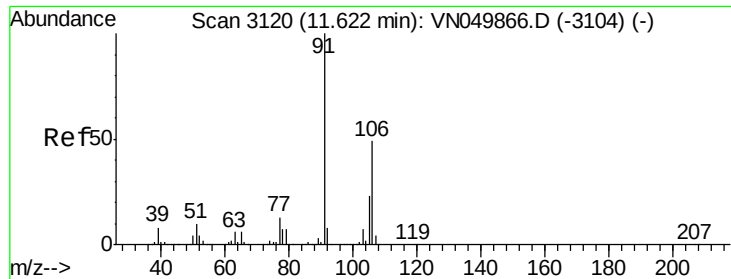
#67
Ethyl Benzene
Concen: 0.36 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

Tgt Ion: 91 Resp: 11660
Ion Ratio Lower Upper
91 100
106 28.0 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

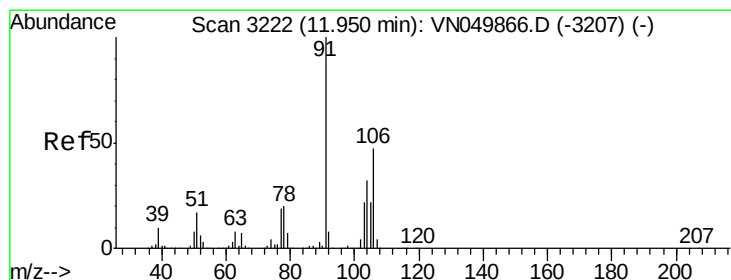
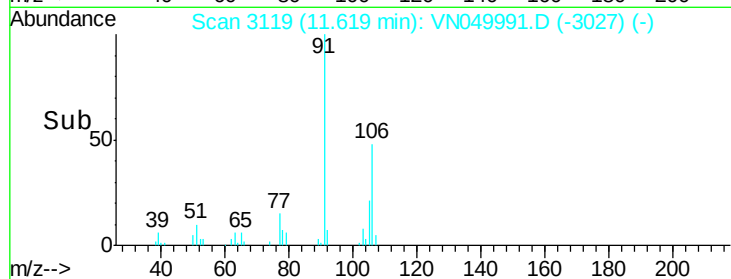
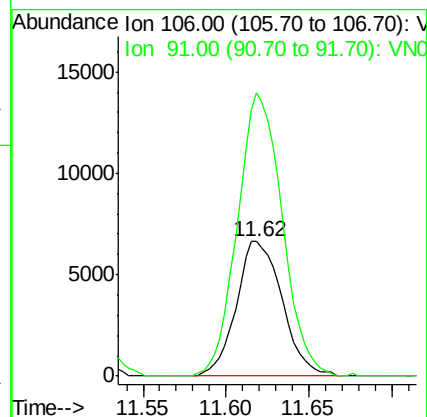
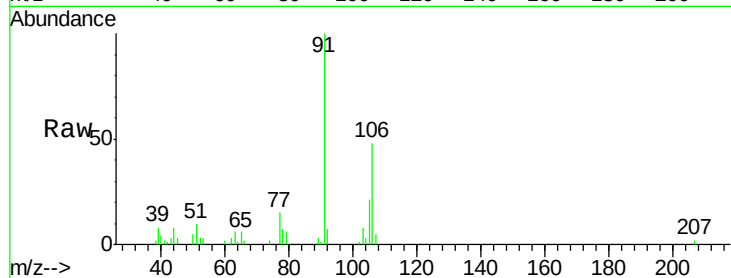




#68
m/p-Xylenes
Concen: 1.05 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

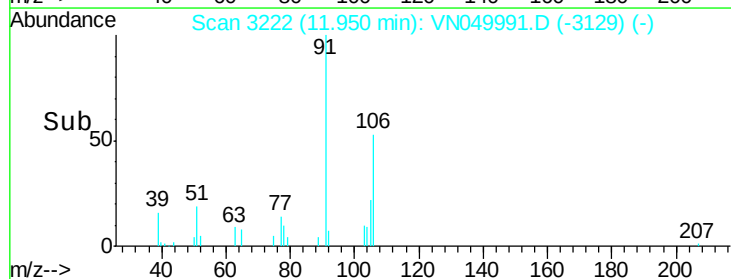
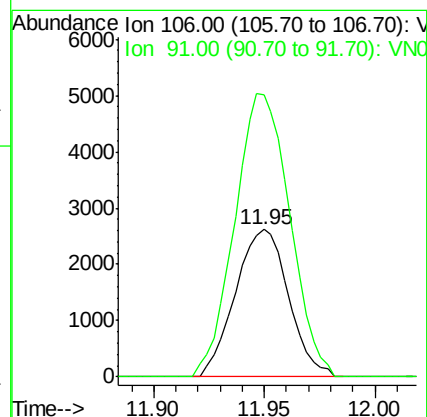
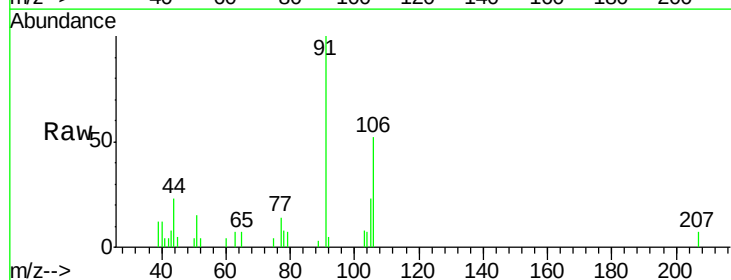
Instrument :
MSVOA_N
ClientSampled :
TP-3

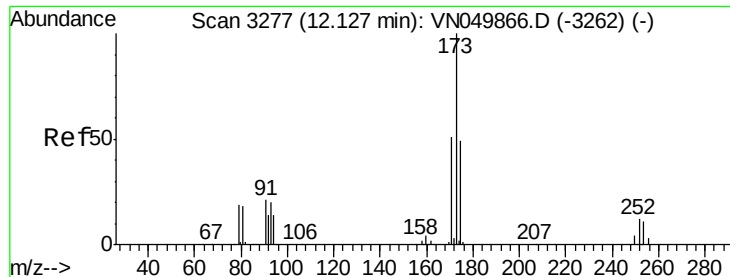
Tot Ion:106 Resp: 12780
Ion Ratio Lower Upper
106 100
91 205.1 163.4 245.2



#69
o-Xylene
Concen: 0.38 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

Tgt Ion:106 Resp: 4384
Ion Ratio Lower Upper
106 100
91 198.2 108.7 326.1

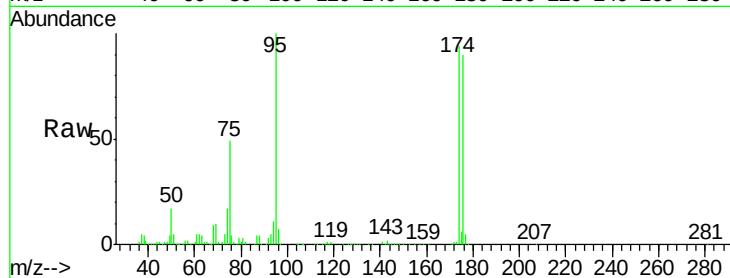




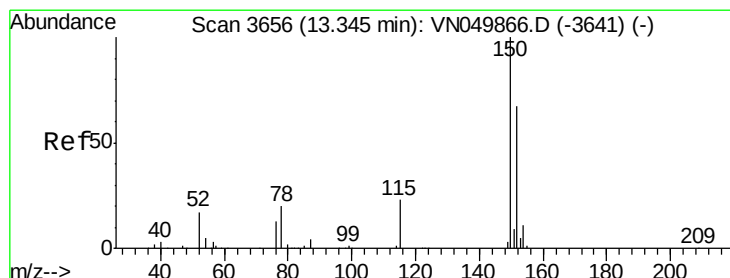
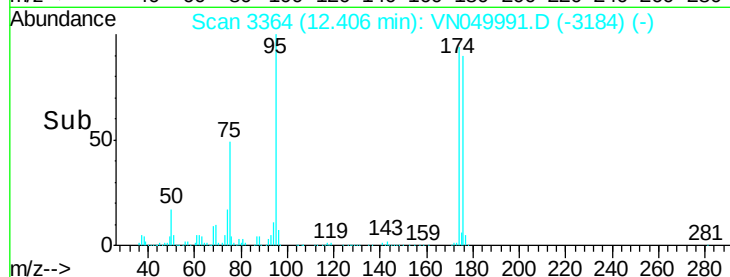
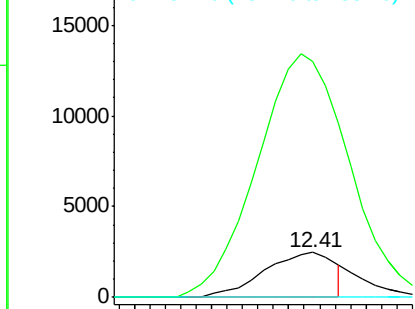
#71
Bromoform
Concen: 0.57 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.28 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tot Ion:173 Resp: 3153
Ion Ratio Lower Upper
173 100
175 583.8 24.6 73.8#
254 0.0 0.2 0.2#

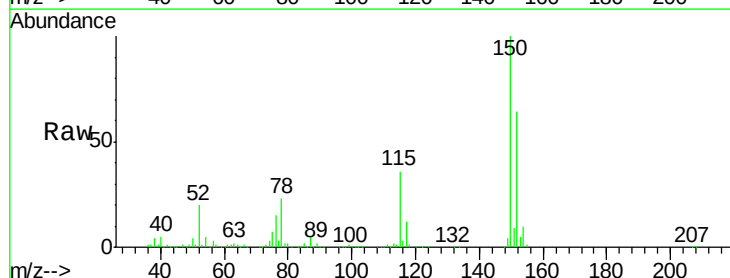


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

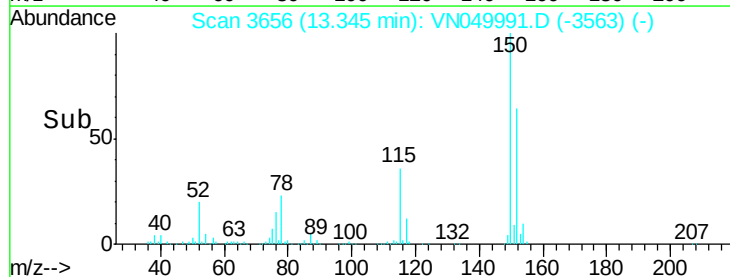
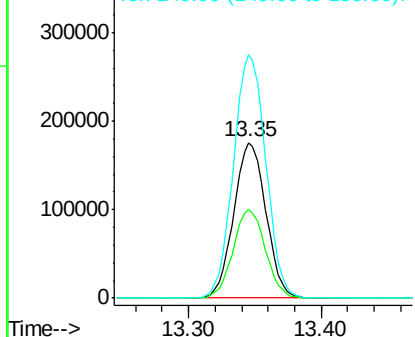


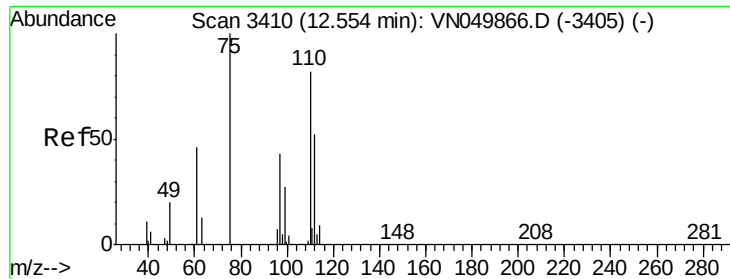
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

Tgt Ion:152 Resp: 294840
Ion Ratio Lower Upper
152 100
115 57.3 28.1 84.2
150 157.7 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: 30.87 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049991.D

Acq: 21 Jul 2018 5:40

Instrument :

MSVOA_N

ClientSampled :

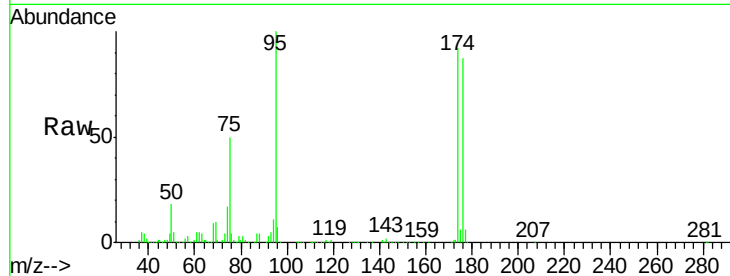
TP-3

Tot Ion: 75 Resp: 170716

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

12.40

120000

100000

80000

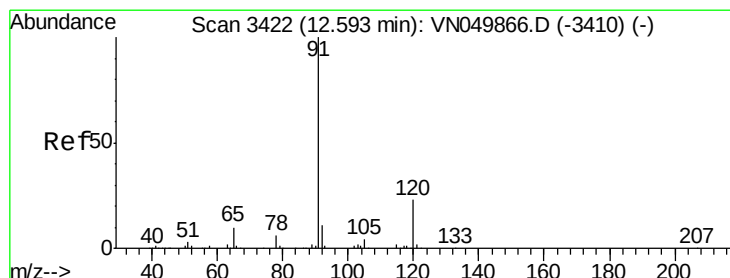
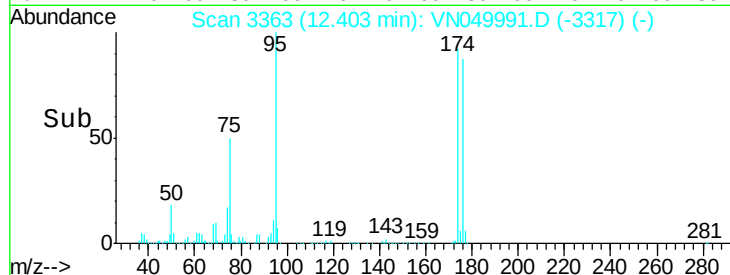
60000

40000

20000

0

Time-->



#78

n-propylbenzene

Concen: 0.32 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN049991.D

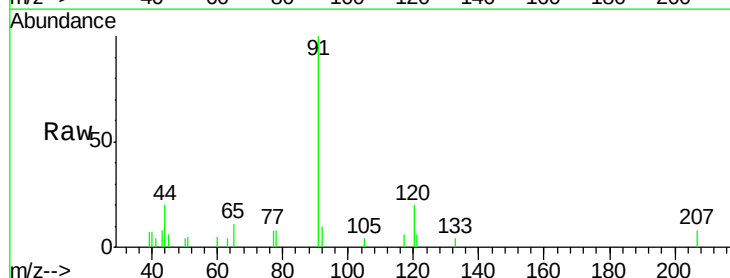
Acq: 21 Jul 2018 5:40

Tgt Ion: 91 Resp: 8124

Ion Ratio Lower Upper

91 100

120 19.7 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): VN0

12.59

6000

5000

4000

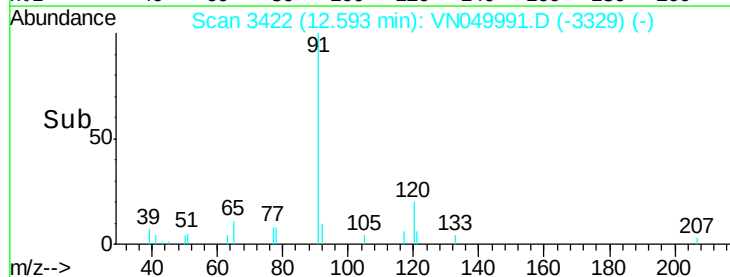
3000

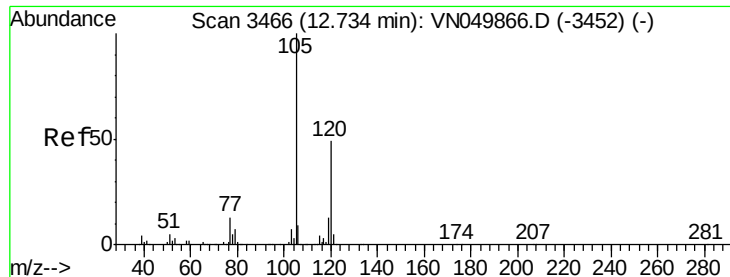
2000

1000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 0.67 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049991.D

Acq: 21 Jul 2018 5:40

Instrument :

MSVOA_N

ClientSampled :

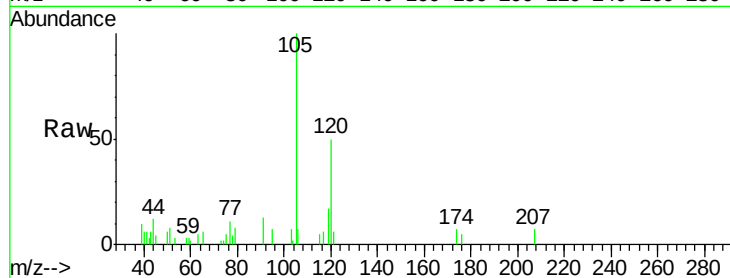
TP-3

Tot Ion:105 Resp: 12045

Ion Ratio Lower Upper

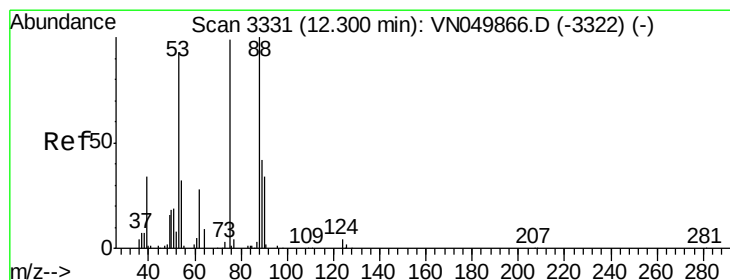
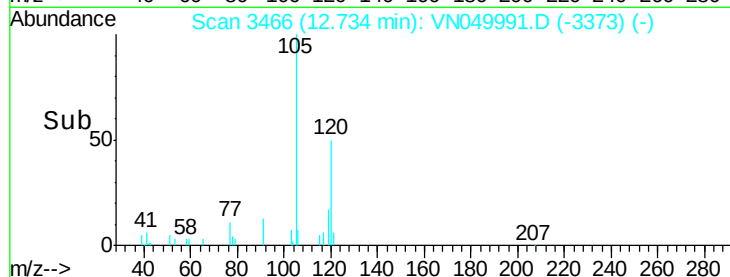
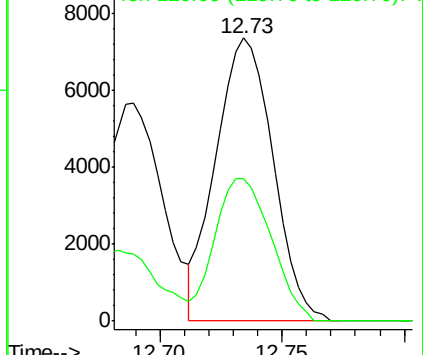
105 100

120 49.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 96.52 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049991.D

Acq: 21 Jul 2018 5:40

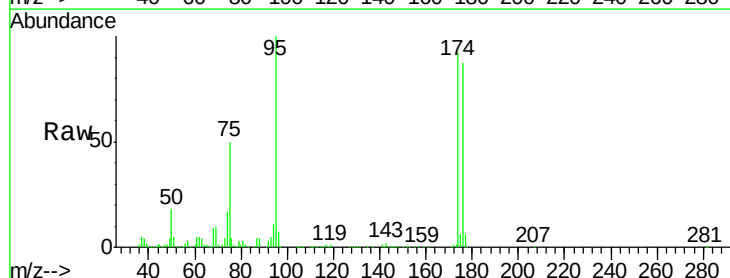
Tgt Ion: 75 Resp: 170716

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

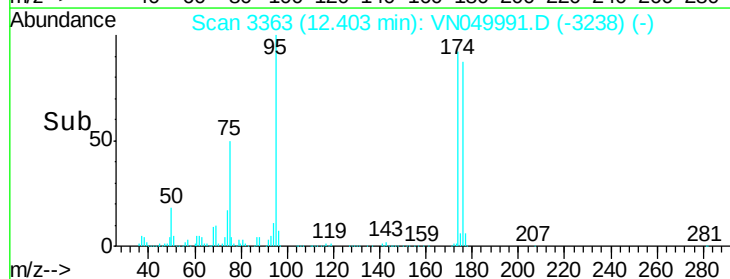
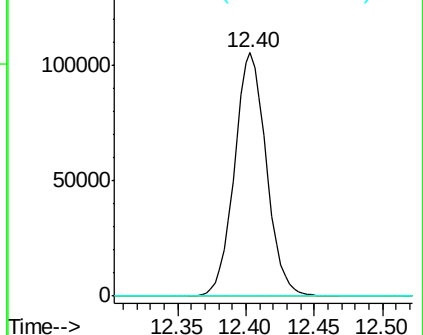
89 0.0 35.9 53.9#

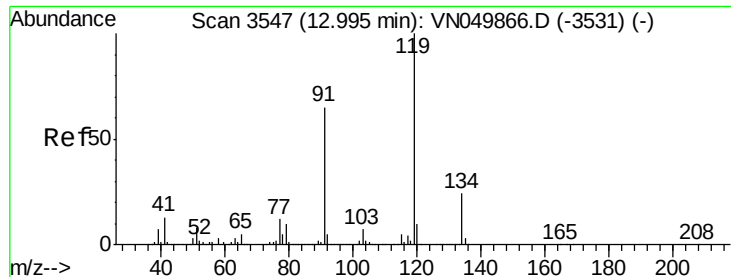


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

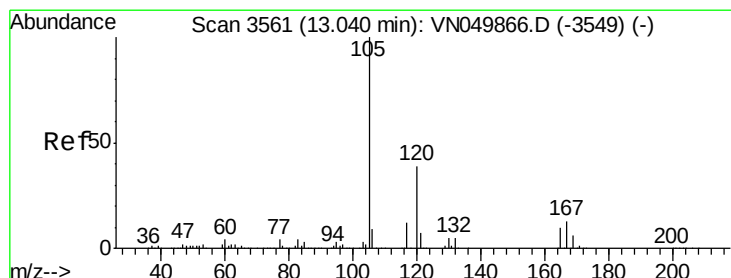
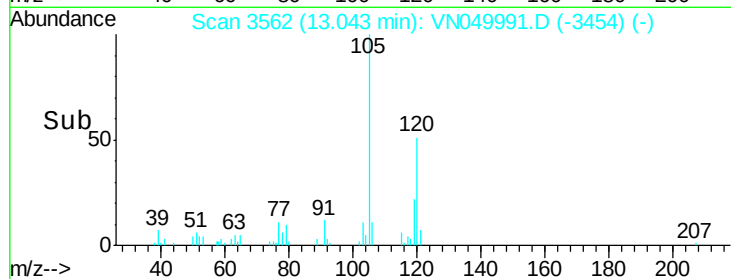
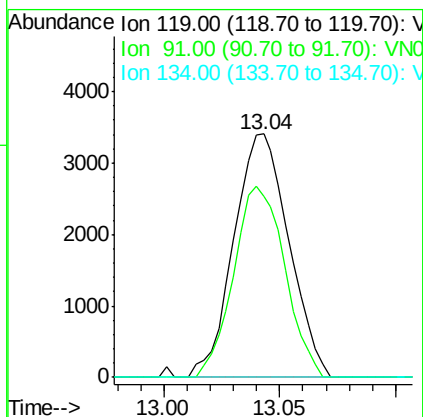
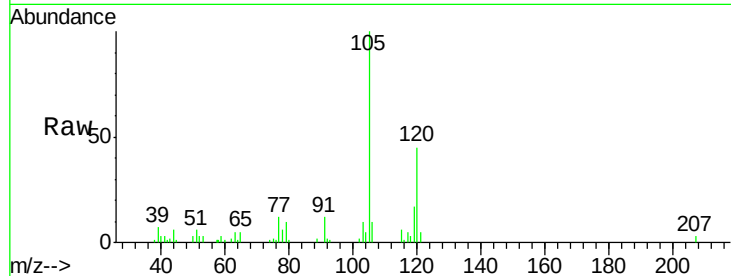




#83
 tert-Butylbenzene
 Concen: 0.36 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.05 min
 Lab File: VN049991.D
 Acq: 21 Jul 2018 5:40

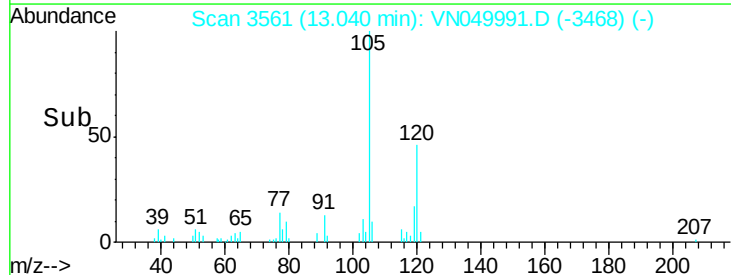
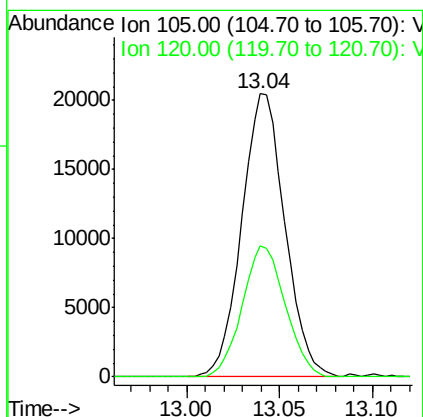
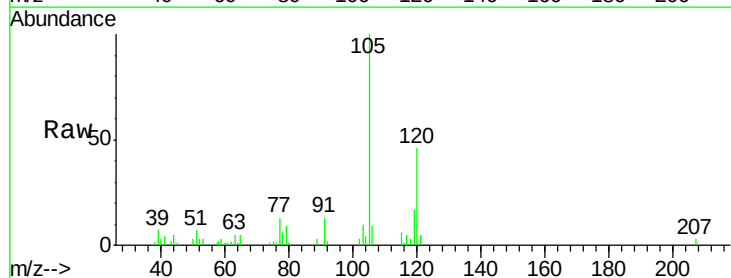
Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

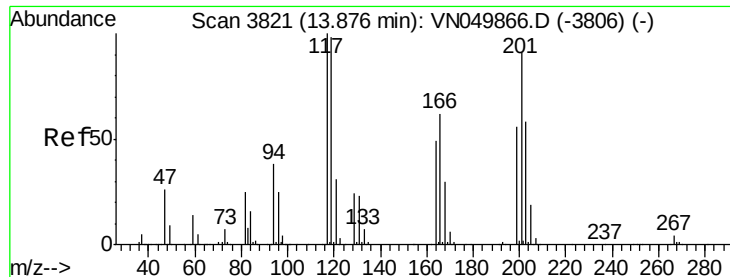
Tot Ion:119 Resp: 5605
 Ion Ratio Lower Upper
 119 100
 91 72.9 32.0 96.2
 134 0.0 12.8 38.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 1.82 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: VN049991.D
 Acq: 21 Jul 2018 5:40

Tgt Ion:105 Resp: 33023
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.7 68.1





#90

Hexachloroethane

Concen: 0.24 ug/l

RT: 13.89 min Scan# 3824

Delta R.T. 0.01 min

Lab File: VN049991.D

Acq: 21 Jul 2018 5:40

Instrument :

MSVOA_N

ClientSampled :

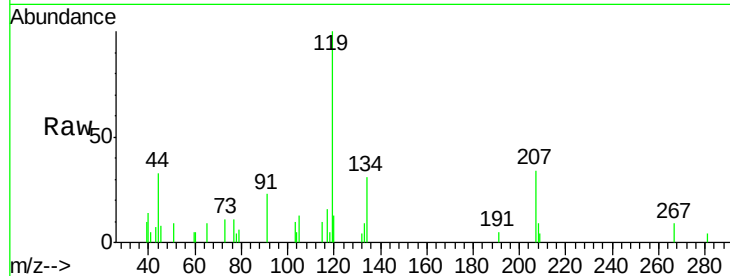
TP-3

Tot Ion:117 Resp: 968

Ion Ratio Lower Upper

117 100

201 0.0 45.3 135.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

800

600

400

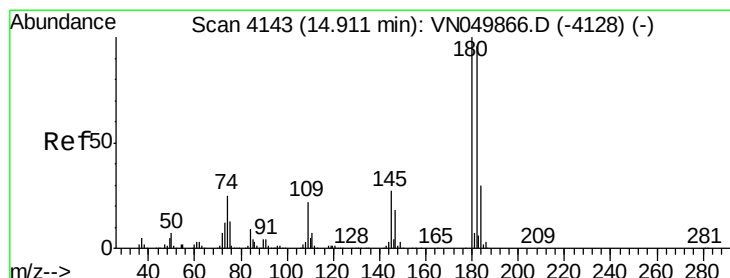
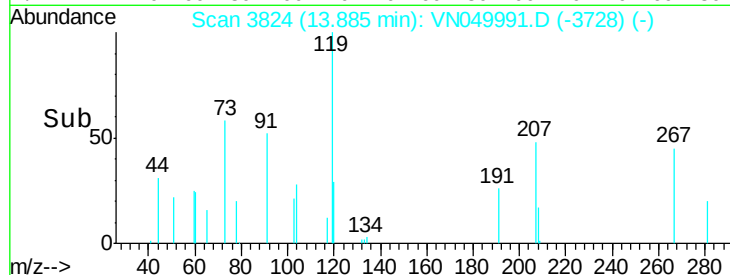
200

0

13.85

13.89

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 3.50 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN049991.D

Acq: 21 Jul 2018 5:40

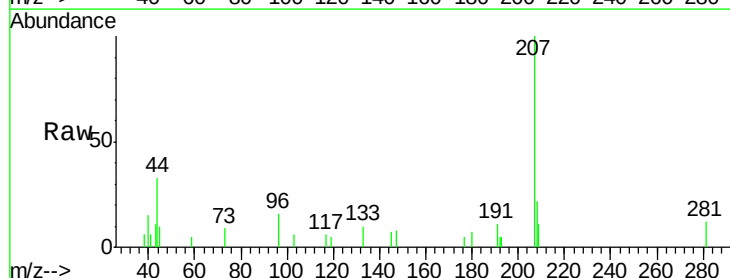
Tgt Ion:180 Resp: 147

Ion Ratio Lower Upper

180 100

182 19.7 47.3 141.9#

145 95.2 14.4 43.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

300

250

200

150

100

50

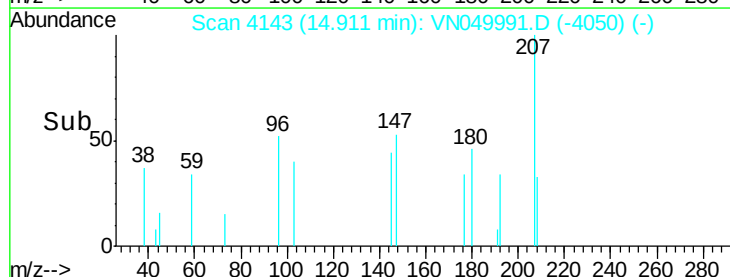
0

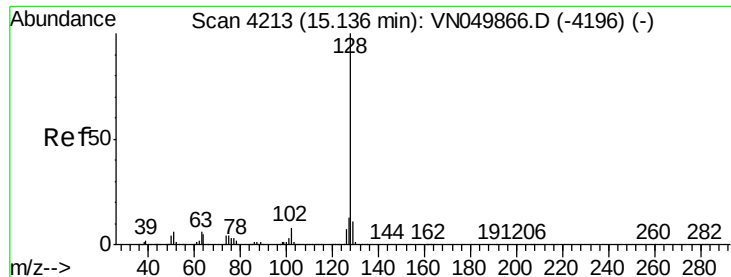
14.90

14.91

14.92

Time-->

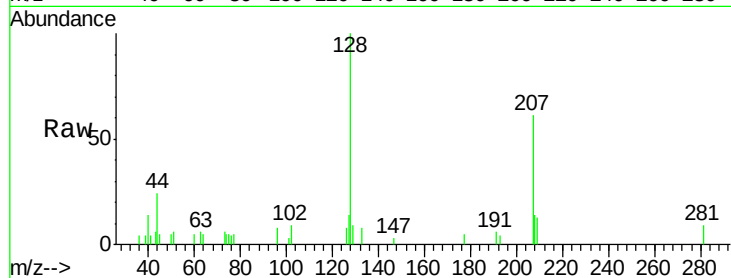




#95
Naphthalene
Concen: 5.08 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049991.D
Acq: 21 Jul 2018 5:40

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tot Ion:128 Resp: 9089
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 8.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

