

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049992.D
 Acq On : 21 Jul 2018 6:06
 Operator : MD\SY
 Sample : J4062-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Jul 21 06:28:47 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	546157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	937170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	788492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	320733	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	401198	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.90%		
35) Dibromofluoromethane	7.59	113	352341	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.56%		
50) Toluene-d8	10.09	98	1257274	43.86	ug/l	0.00
Spiked Amount 50.000			Recovery =	87.72%		
62) 4-Bromofluorobenzene	12.40	95	351543	35.61	ug/l	0.00
Spiked Amount 50.000			Recovery =	71.22%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.57	94	441	Below Cal		92
14) Allyl chloride	4.55	41	47621	5.10 ug/l	#	25
16) Acetone	3.83	43	15312	7.88 ug/l	#	80
18) Methyl Acetate	4.34	43	27045	3.66 ug/l		99
20) Methylene Chloride	4.55	84	1369478	185.29 ug/l		99
25) 2-Butanone	6.86	43	3796	1.37 ug/l	#	81
29) Tetrahydrofuran	7.22	42	1448	0.83 ug/l	#	46
30) Chloroform	7.38	83	10020	0.80 ug/l		94
31) Cyclohexane	7.67	56	10926	1.09 ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	39150	3.76 ug/l	#	49
38) Carbon Tetrachloride	7.67	117	50972	4.57 ug/l	#	16
43) Isopropyl Acetate	8.17	43	253330	20.26 ug/l		94
47) Bromodichloromethane	9.41	83	3917	0.36 ug/l	#	83
48) Methyl methacrylate	9.18	41	8099	1.29 ug/l	#	21
51) 4-Methyl-2-Pentanone	9.99	43	1857	0.27 ug/l		96
52) Toluene	10.16	92	10626	0.56 ug/l		100
56) Ethyl methacrylate	10.64	69	476	2.20 ug/l	#	1
59) 2-Hexanone	10.77	43	17358	3.70 ug/l	#	61
67) Ethyl Benzene	11.51	91	20265	0.63 ug/l		95
68) m/p-Xylenes	11.62	106	18749	1.54 ug/l		93
69) o-Xylene	11.95	106	7430	0.64 ug/l		97
70) Styrene	11.96	104	7689	0.41 ug/l		86
71) Bromoform	12.40	173	3435	0.63 ug/l	#	1
76) 1,2,3-Trichloropropane	12.40	75	173266	28.80 ug/l	#	100
78) n-propylbenzene	12.59	91	8456	0.31 ug/l		99
79) 2-Chlorotoluene	12.66	91	6088	0.36 ug/l	#	45
80) 1,3,5-Trimethylbenzene	12.73	105	14642	0.75 ug/l		99
81) trans-1,4-Dichloro-2-buten	12.40	75	173266	90.05 ug/l	#	13
83) tert-Butylbenzene	13.04	119	8288	0.48 ug/l	#	76
84) 1,2,4-Trimethylbenzene	13.04	105	50570	2.56 ug/l		99
89) n-Butylbenzene	13.61	91	3410	0.21 ug/l	#	73
90) Hexachloroethane	13.89	117	2464	0.57 ug/l	#	4
93) 1,2,4-Trichlorobenzene	14.91	180	5929	4.34 ug/l	#	80
95) Naphthalene	15.14	128	406995	28.88 ug/l		99

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Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
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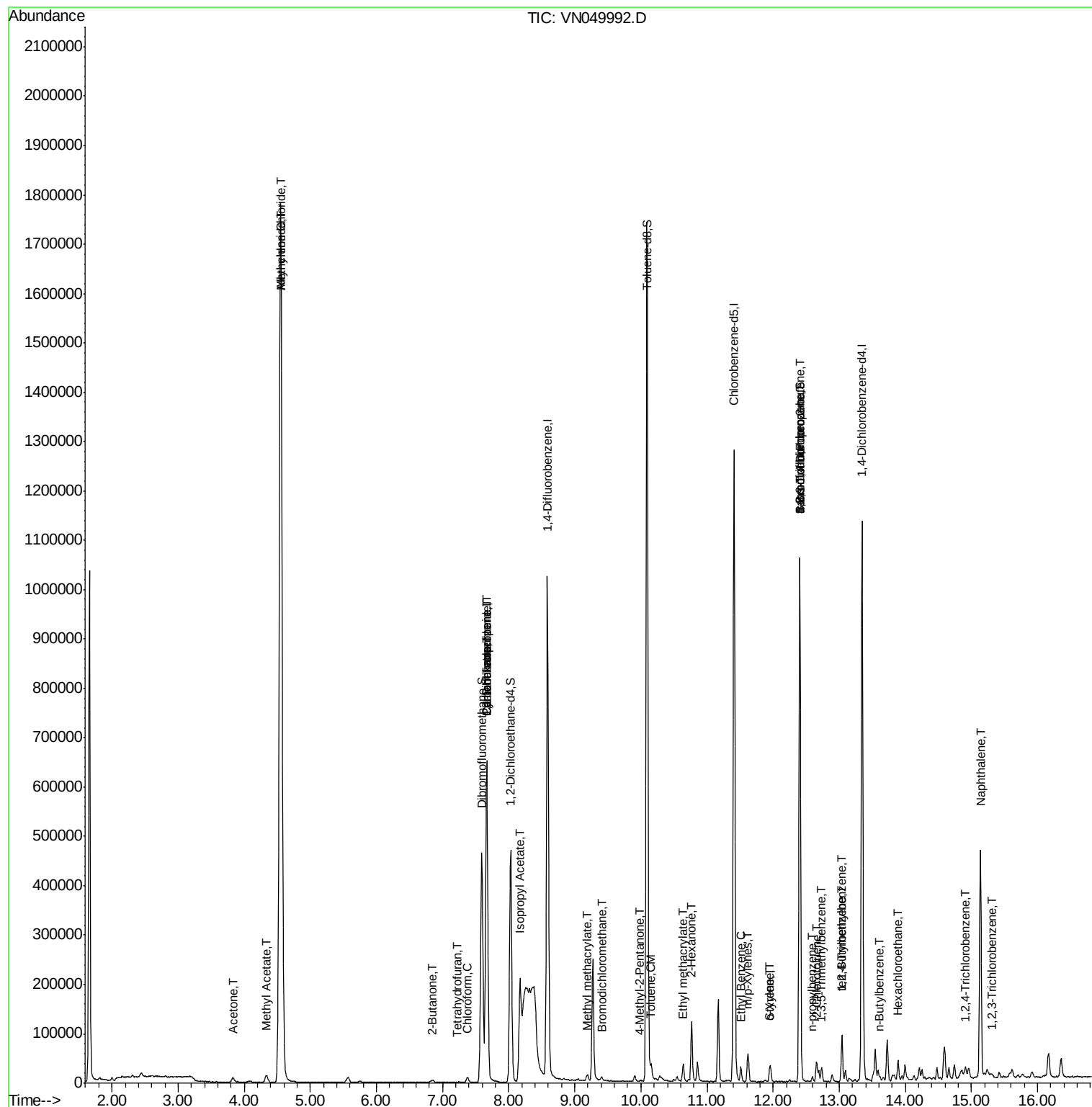
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
96) 1,2,3-Trichlorobenzene	15.32	180	1293	0.23	ug/l #	80
-----	-----	-----	-----	-----	-----	-----

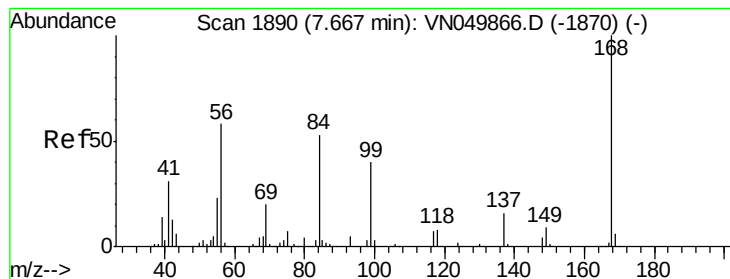
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049992.D

Acq: 21 Jul 2018 6:06

Instrument :

MSVOA_N

ClientSampled :

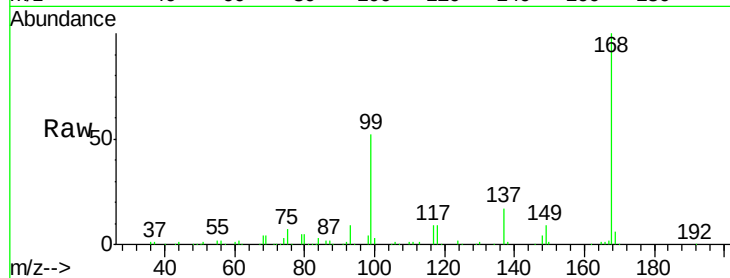
TP-5

Tot Ion:168 Resp: 546157

Ion Ratio Lower Upper

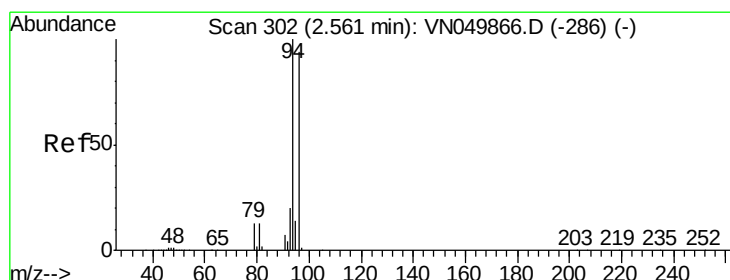
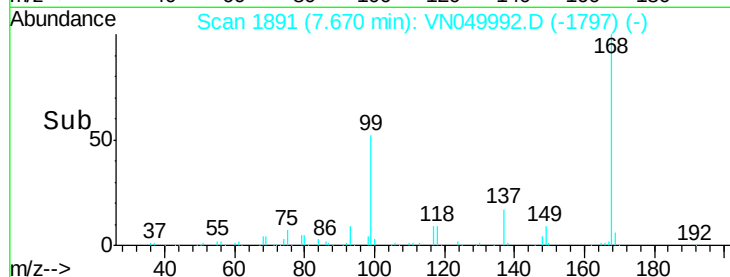
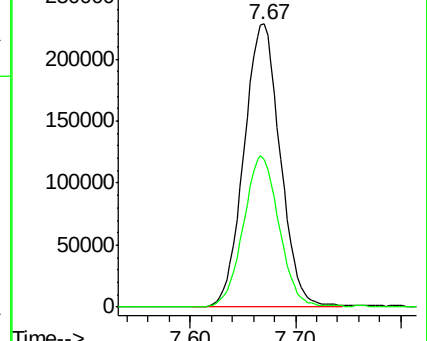
168 100

99 52.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 306

Delta R.T. 0.01 min

Lab File: VN049992.D

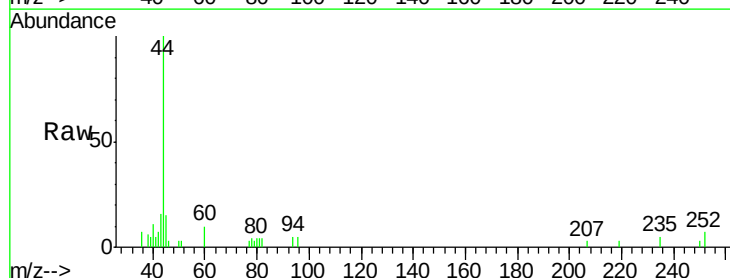
Acq: 21 Jul 2018 6:06

Tgt Ion: 94 Resp: 441

Ion Ratio Lower Upper

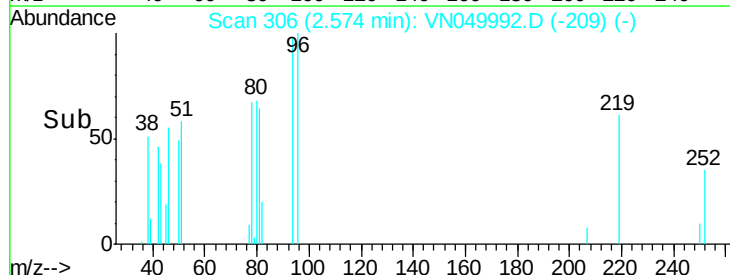
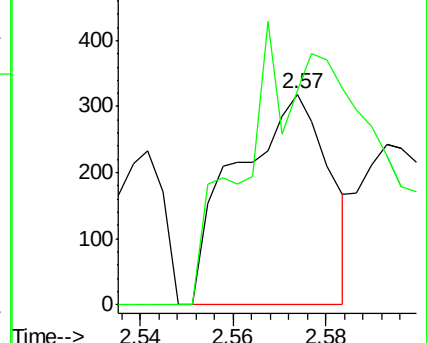
94 100

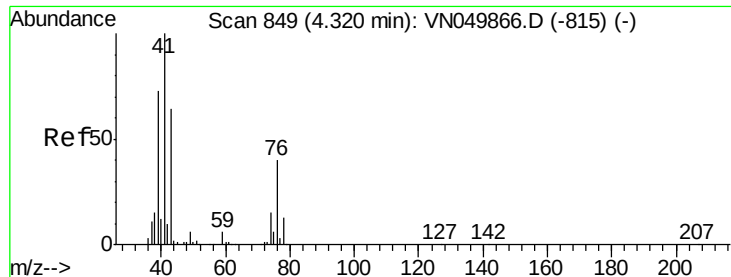
96 101.9 75.7 113.5



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

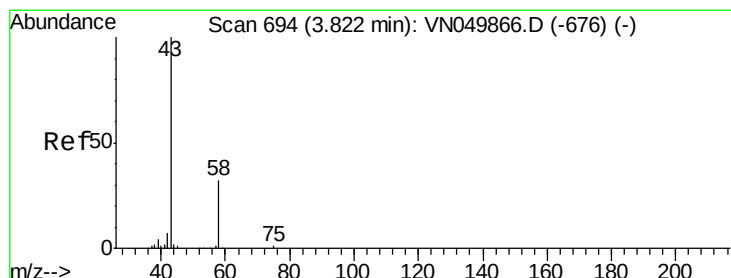
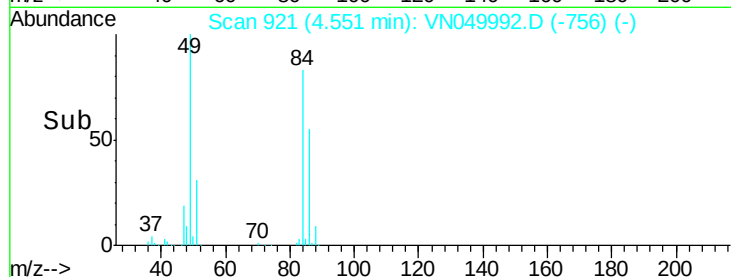
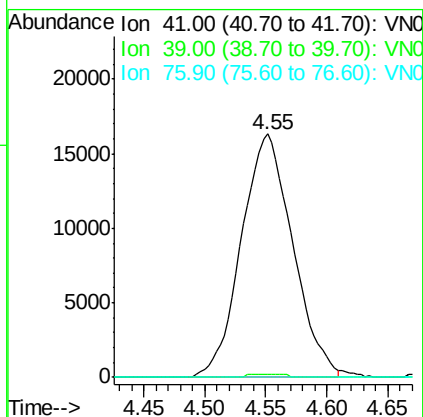
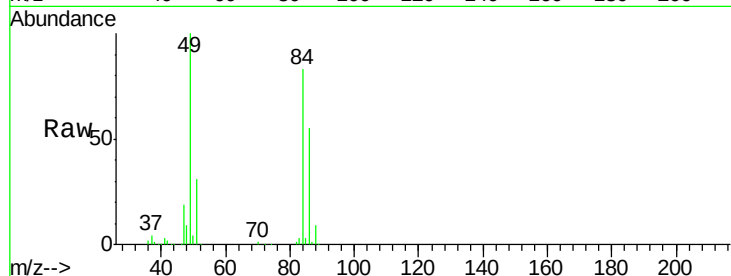




#14
Allvl chloride
Concen: 5.10 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.23 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

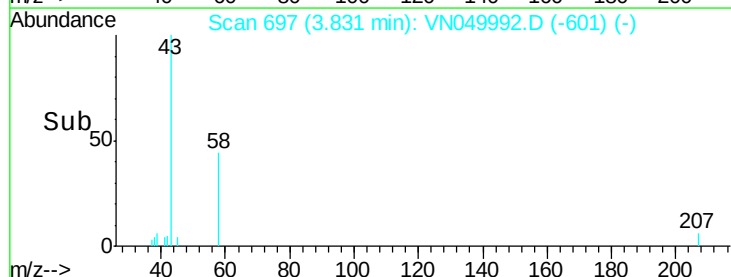
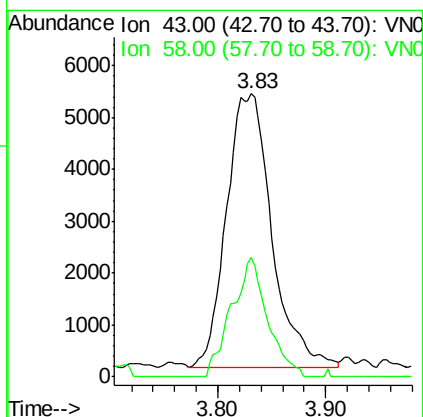
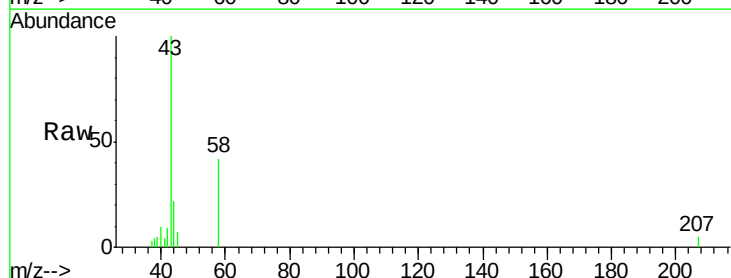
Instrument :
MSVOA_N
ClientSampled :
TP-5

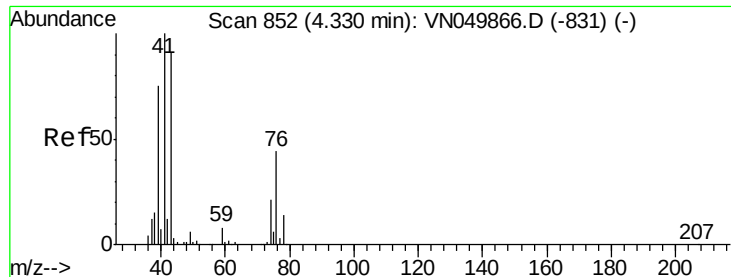
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.9	53.2	79.8#
76	0.0	29.0	43.6#



#16
Acetone
Concen: 7.88 ug/l
RT: 3.83 min Scan# 697
Delta R.T. 0.01 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Tgt Ion	Ratio	Lower	Upper
43	100		
58	43.6	25.9	38.9#

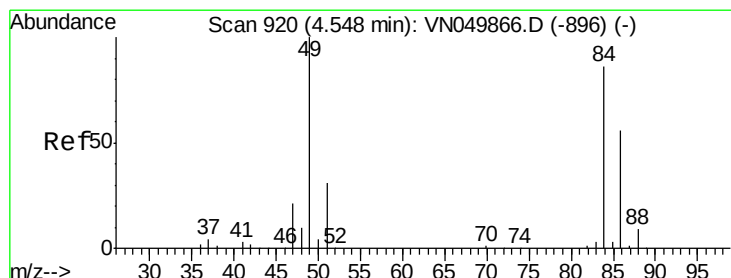
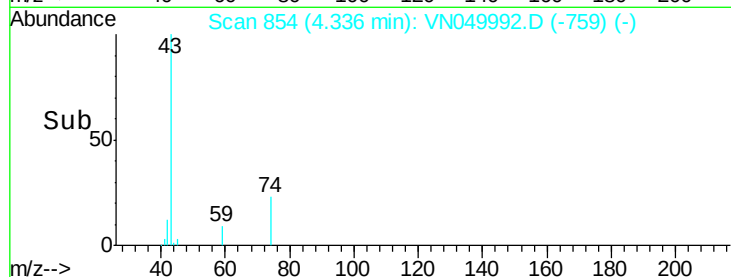
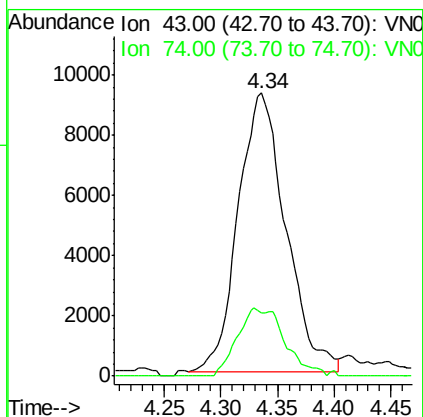
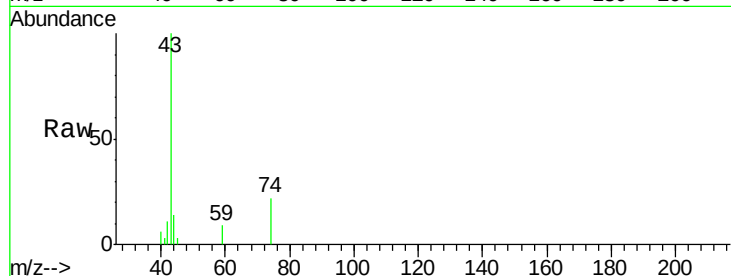




#18
Methvl Acetate
Concen: 3.66 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

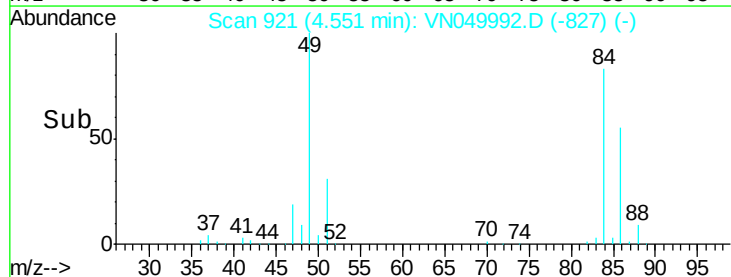
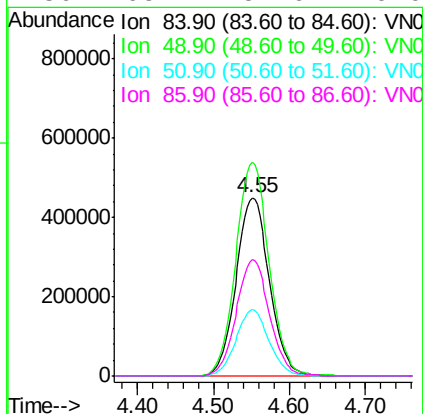
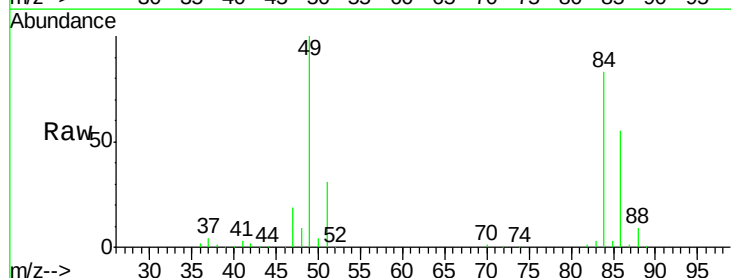
Instrument :
MSVOA_N
ClientSampled :
TP-5

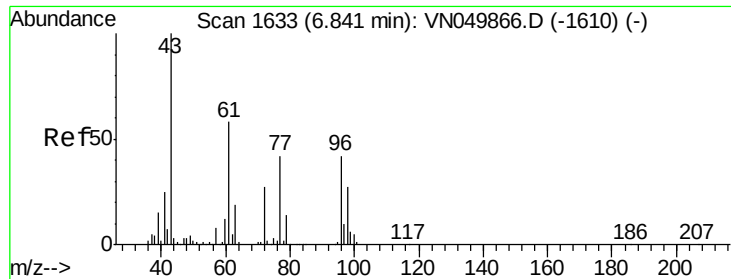
Tot Ion: 43 Resp: 27045
Ion Ratio Lower Upper
43 100
74 24.4 19.8 29.8



#20
Methylene Chloride
Concen: 185.29 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Tgt Ion: 84 Resp: 1369478
Ion Ratio Lower Upper
84 100
49 119.9 95.4 143.2
51 37.1 28.4 42.6
86 65.4 52.6 79.0

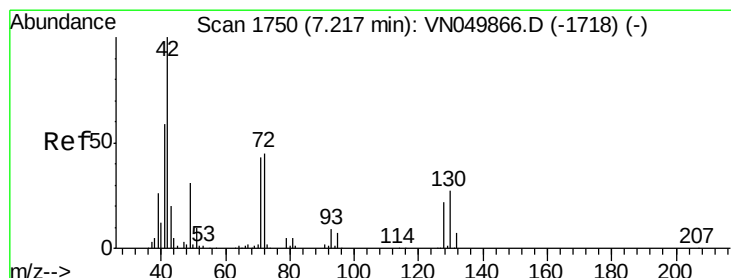
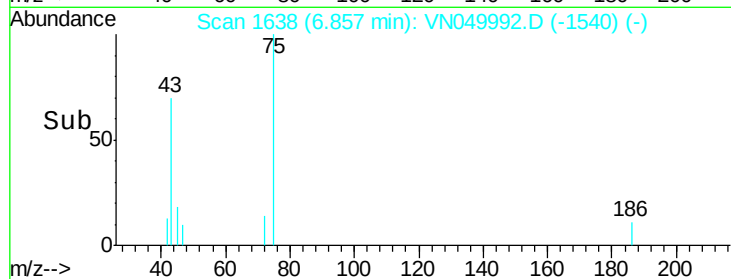
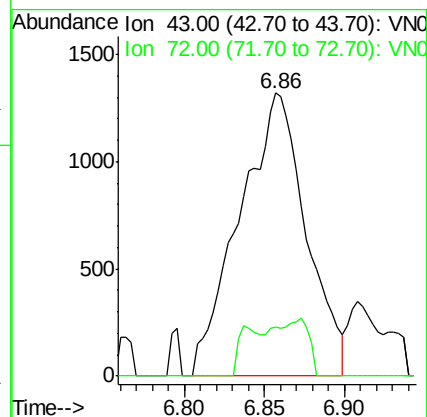
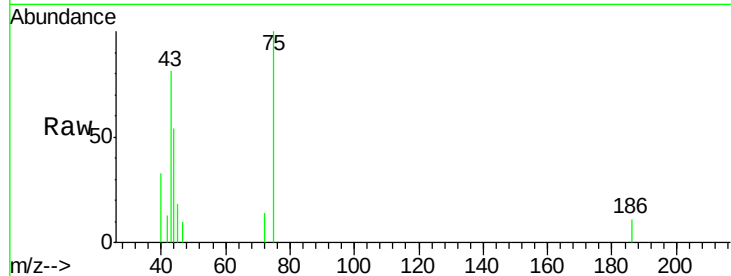




#25
2-Butanone
Concen: 1.37 ug/l
RT: 6.86 min Scan# 1638
Delta R.T. 0.02 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

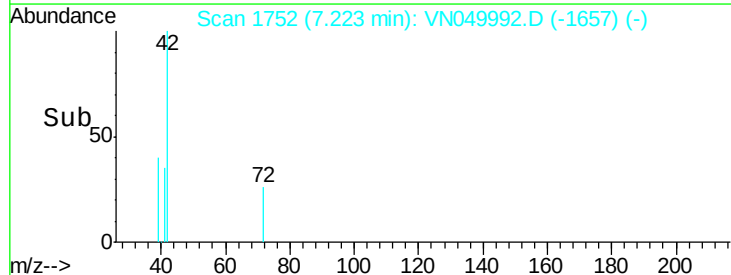
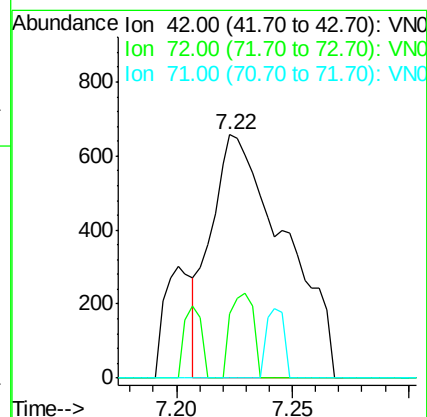
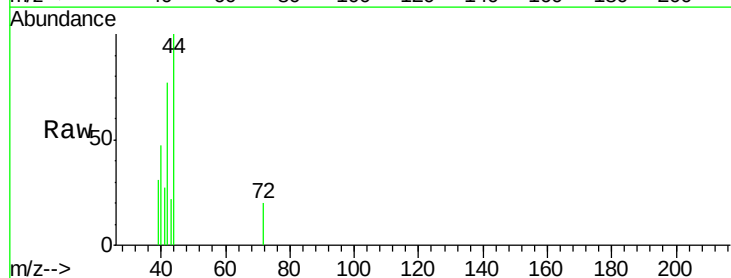
Instrument :
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ClientSampled :
TP-5

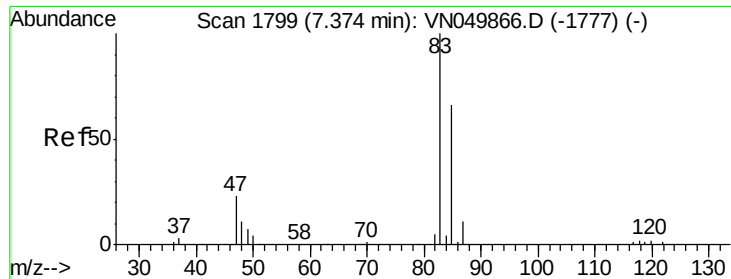
Tot Ion: 43 Resp: 3796
Ion Ratio Lower Upper
43 100
72 17.5 22.1 33.1#



#29
Tetrahydrofuran
Concen: 0.83 ug/l
RT: 7.22 min Scan# 1752
Delta R.T. 0.01 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Tgt Ion: 42 Resp: 1448
Ion Ratio Lower Upper
42 100
72 10.8 35.6 53.4#
71 7.0 34.0 51.0#

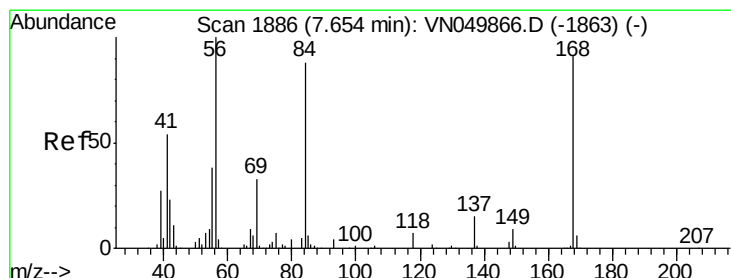
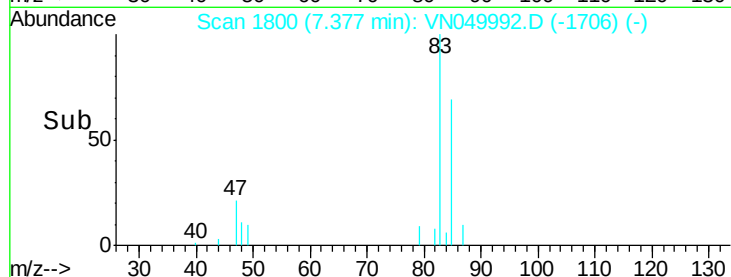
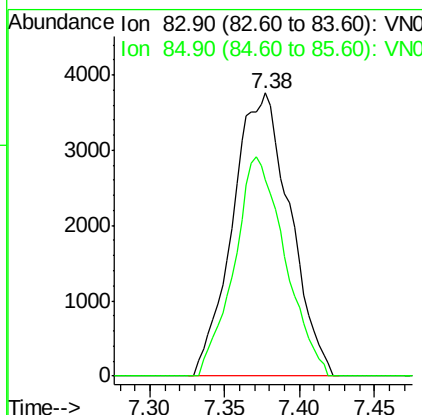
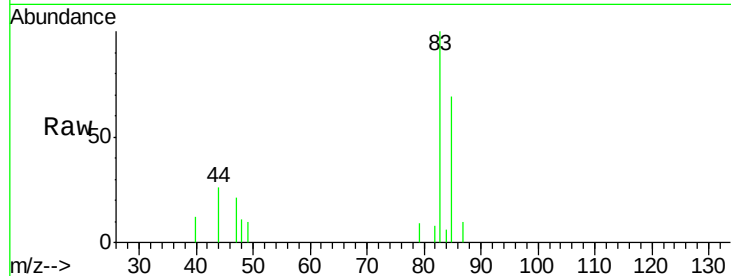




#30
Chloroform
Concen: 0.80 ug/l
RT: 7.38 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

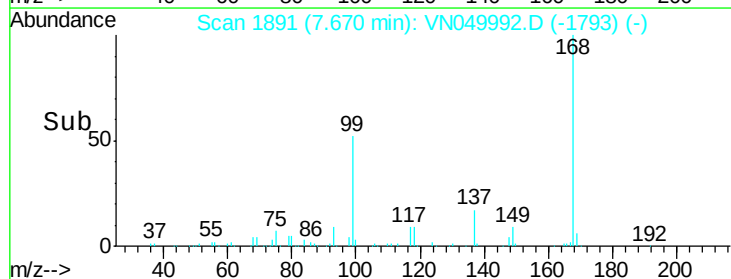
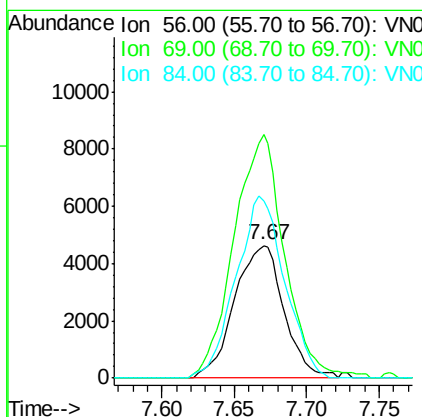
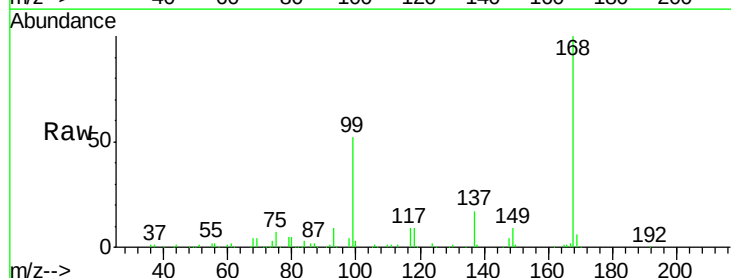
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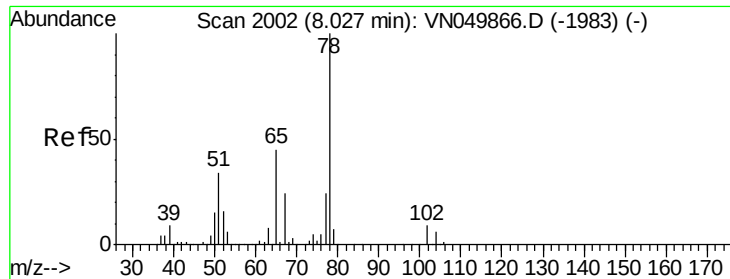
Tot Ion: 83 Resp: 10020
Ion Ratio Lower Upper
83 100
85 69.3 51.4 77.2



#31
Cyclohexane
Concen: 1.09 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Tgt Ion: 56 Resp: 10926
Ion Ratio Lower Upper
56 100
69 183.9 26.6 40.0#
84 133.3 69.0 103.6#

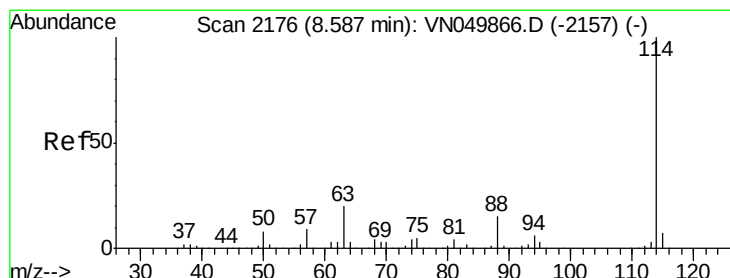
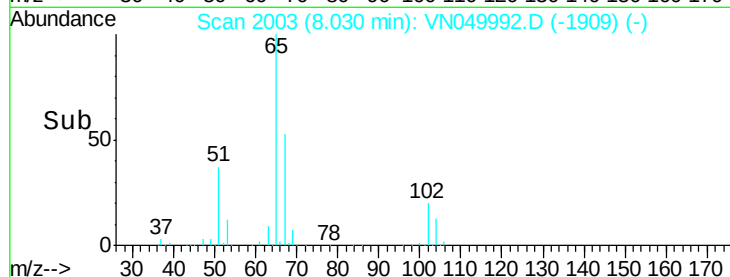
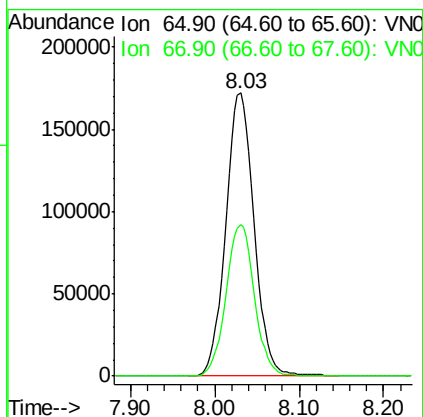
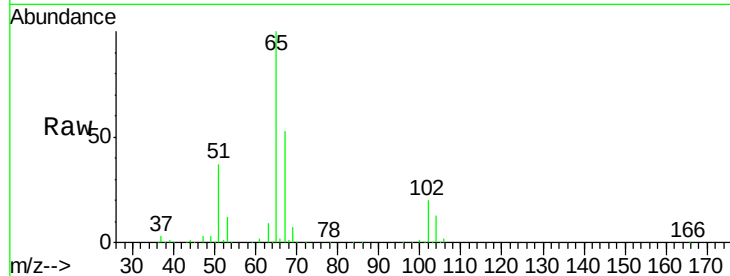




#33
 1,2-Dichloroethane-d4
 Concen: 53.45 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049992.D
 Acq: 21 Jul 2018 6:06

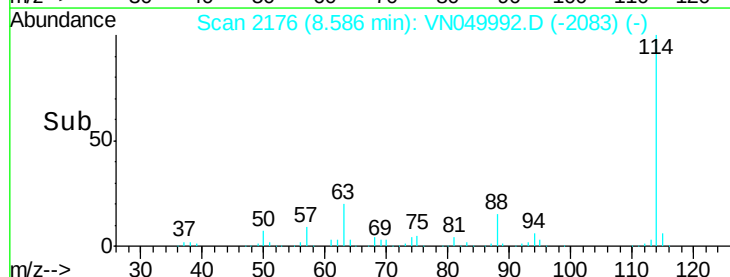
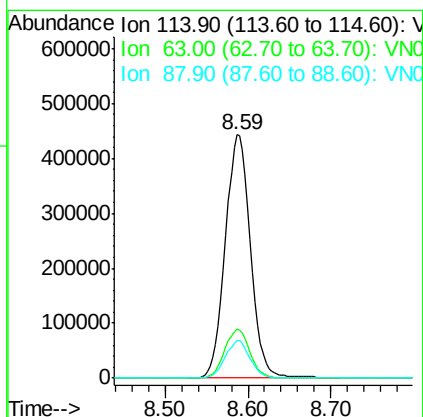
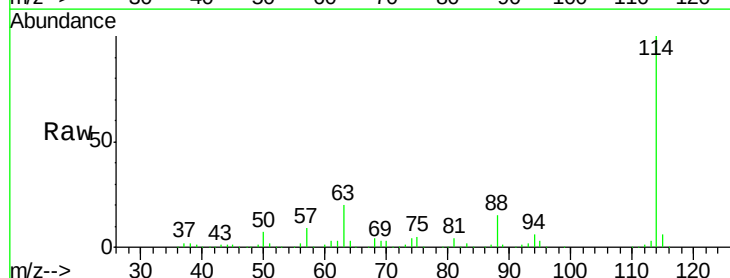
Instrument :
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 TP-5

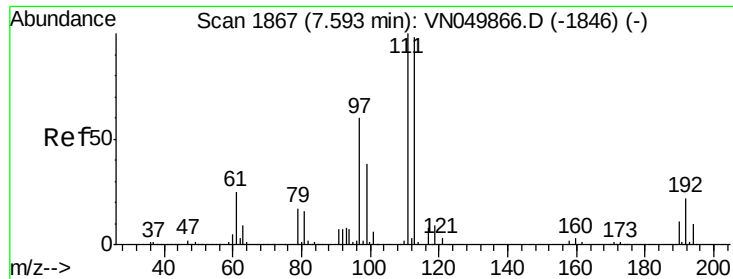
Tot Ion: 65 Resp: 401198
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049992.D
 Acq: 21 Jul 2018 6:06

Tgt Ion: 114 Resp: 937170
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.5 0.0 30.6

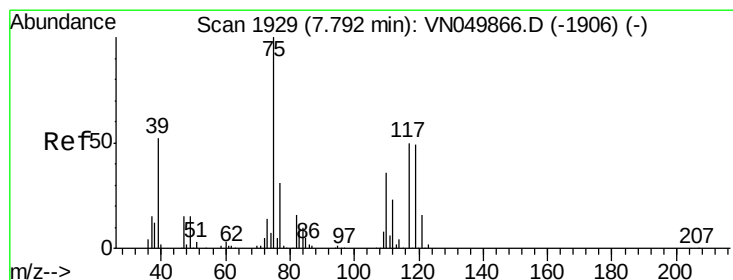
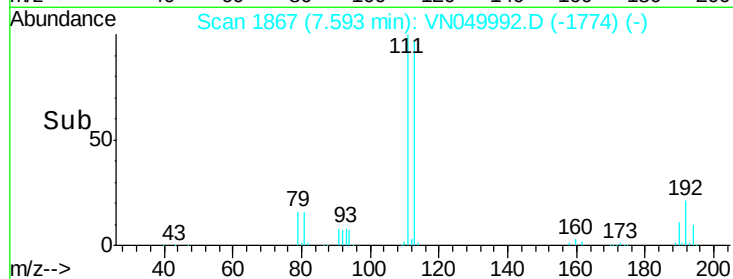
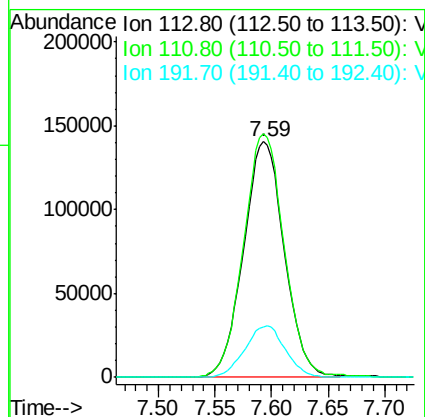
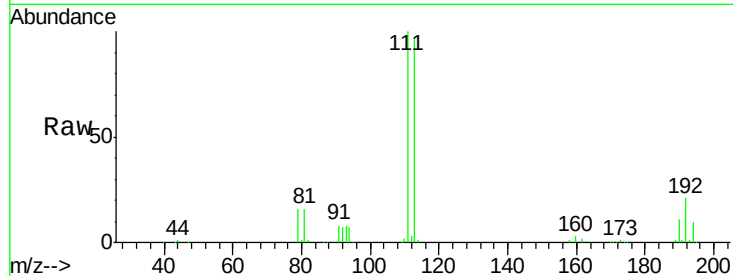




#35
 Dibromofluoromethane
 Concen: 44.78 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN049992.D
 Acq: 21 Jul 2018 6:06

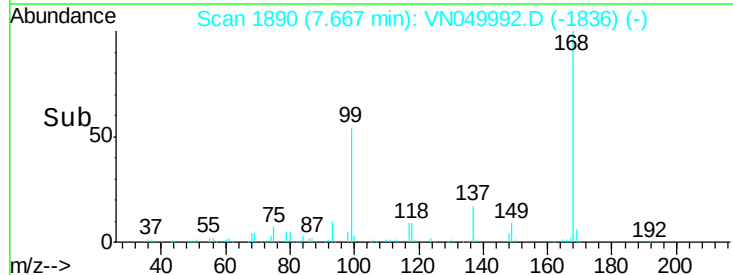
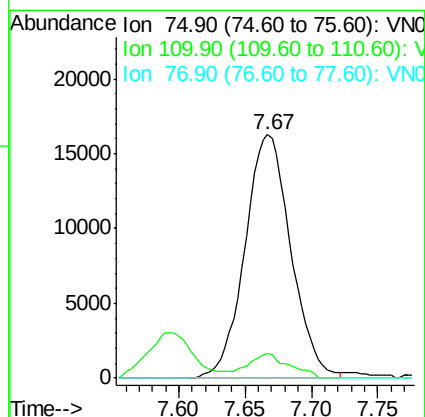
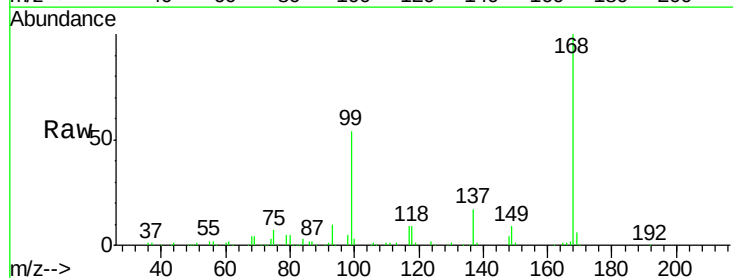
Instrument :
 MSVOA_N
 ClientSampled :
 TP-5

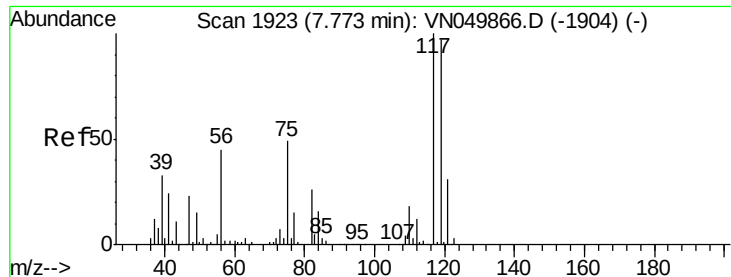
Tot Ion:113 Resp: 352341
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.8 122.8
 192 21.9 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 3.76 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN049992.D
 Acq: 21 Jul 2018 6:06

Tgt Ion: 75 Resp: 39150
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.1 54.4#
 77 0.0 24.9 37.3#

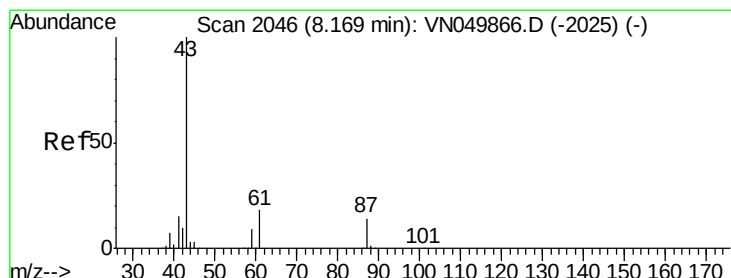
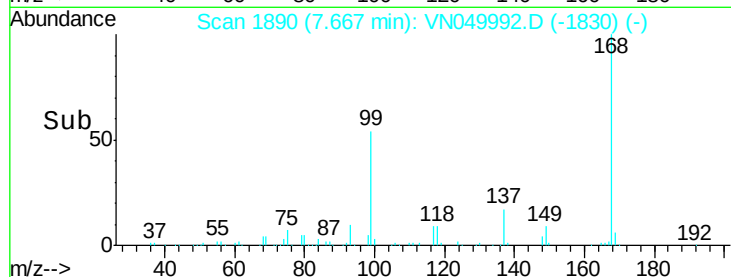
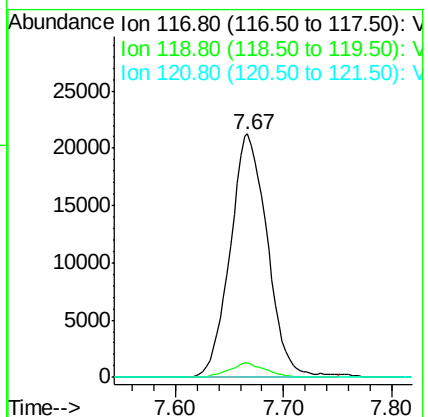
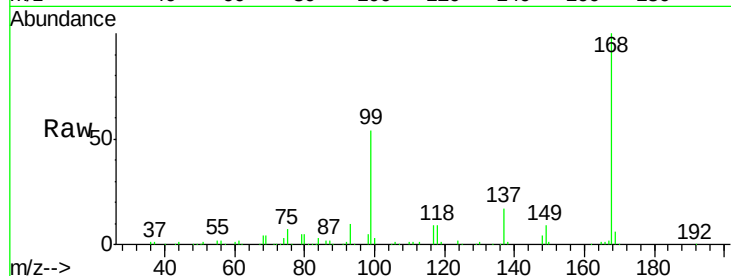




#38
Carbon Tetrachloride
Concen: 4.57 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

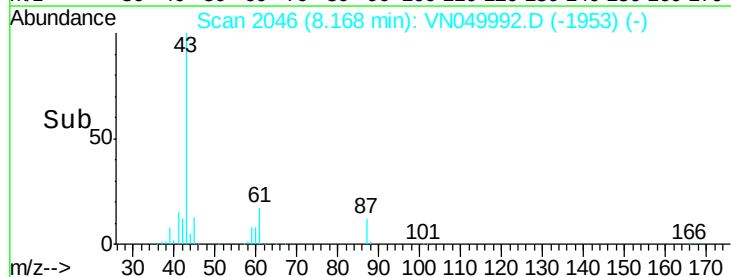
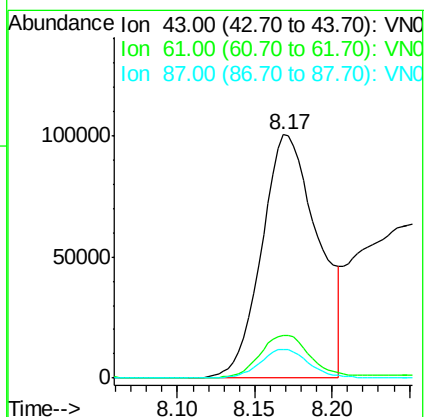
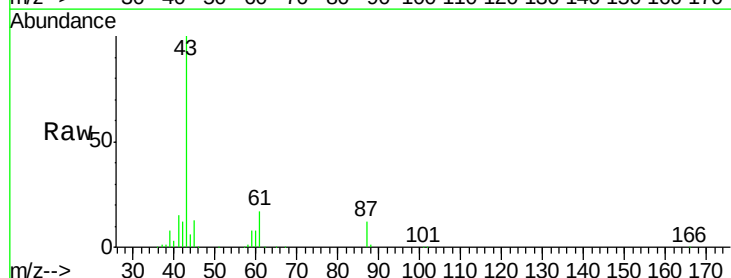
Instrument :
MSVOA_N
ClientSampled :
TP-5

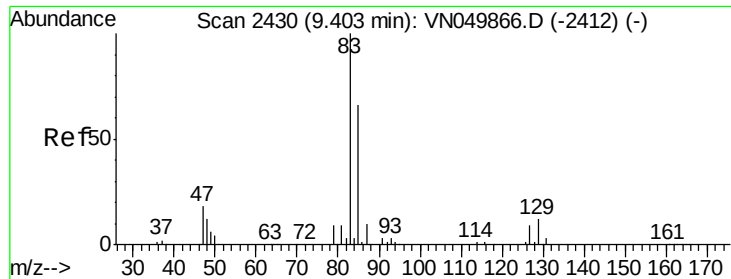
Tot Ion:117 Resp: 50972
Ion Ratio Lower Upper
117 100
119 6.0 77.2 115.8#
121 0.0 25.0 37.6#



#43
Isopropyl Acetate
Concen: 20.26 ug/l
RT: 8.17 min Scan# 2046
Delta R.T. -0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Tgt Ion: 43 Resp: 253330
Ion Ratio Lower Upper
43 100
61 15.9 14.9 22.3
87 10.4 10.0 15.0





#47

Bromodichloromethane

Concen: 0.36 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049992.D

Acq: 21 Jul 2018 6:06

Instrument :

MSVOA_N

ClientSampled :

TP-5

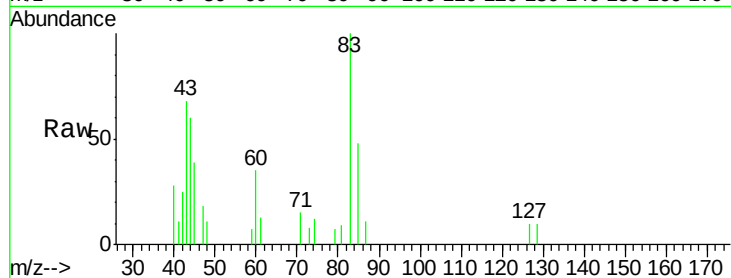
Tot Ion: 83 Resp: 3917

Ion Ratio Lower Upper

83 100

85 48.4 50.5 75.7#

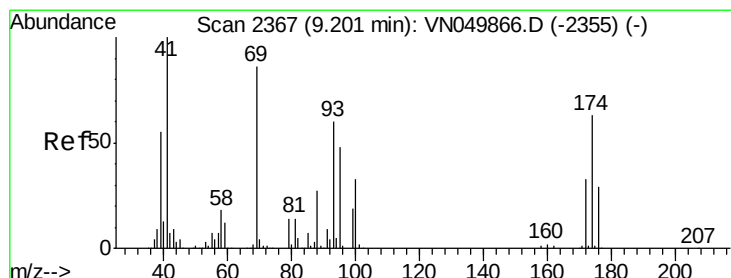
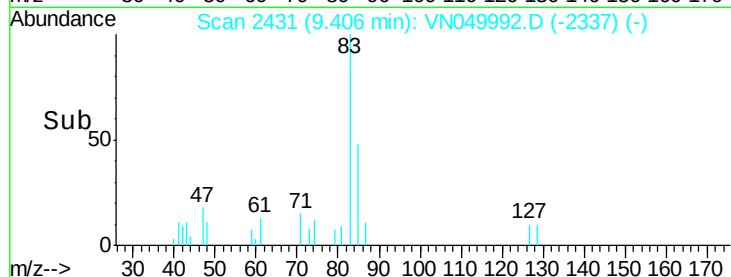
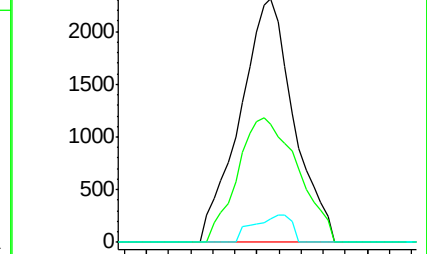
127 9.8 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN049992.D (-2337) (-)

Ion 84.90 (84.60 to 85.60): VN049992.D (-2337) (-)

Ion 126.80 (126.50 to 127.50): VN049992.D (-2337) (-)



#48

Methyl methacrylate

Concen: 1.29 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN049992.D

Acq: 21 Jul 2018 6:06

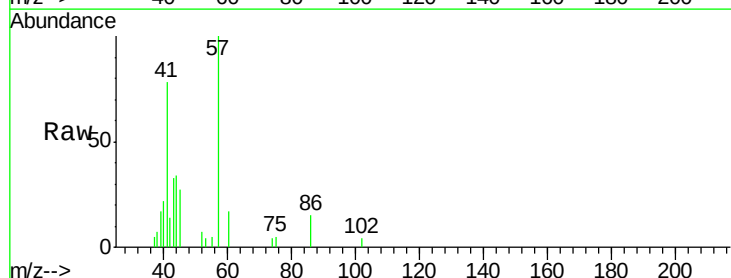
Tgt Ion: 41 Resp: 8099

Ion Ratio Lower Upper

41 100

69 0.0 71.5 107.3#

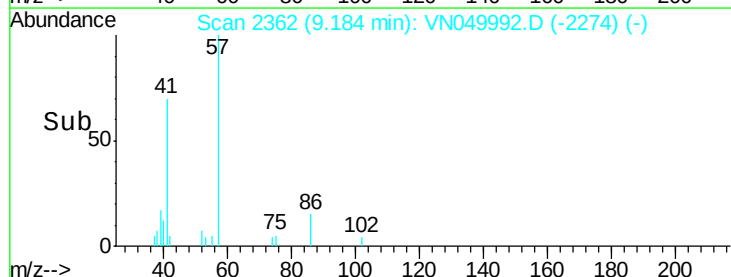
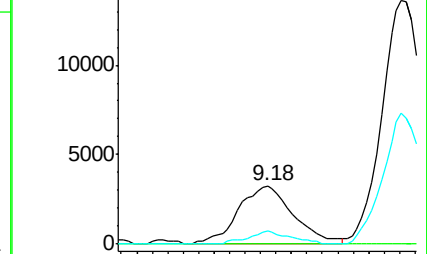
39 17.0 44.7 67.1#

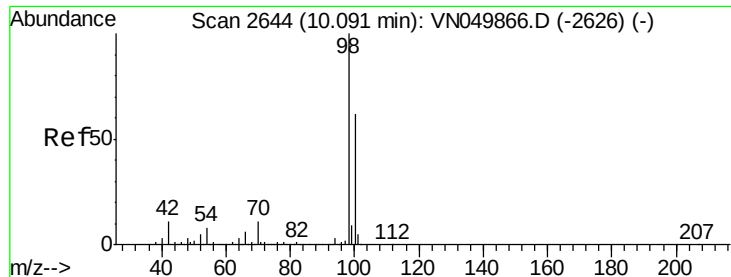


Abundance Ion 41.00 (40.70 to 41.70): VN049992.D (-2274) (-)

Ion 69.00 (68.70 to 69.70): VN049992.D (-2274) (-)

Ion 39.00 (38.70 to 39.70): VN049992.D (-2274) (-)

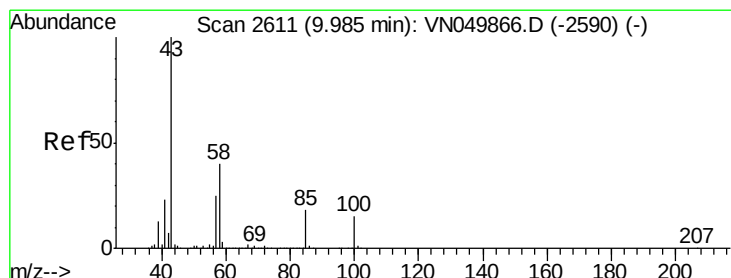
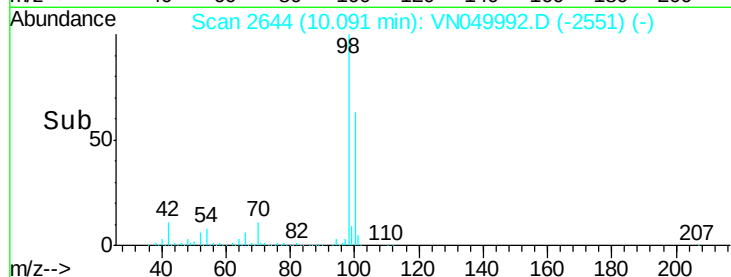
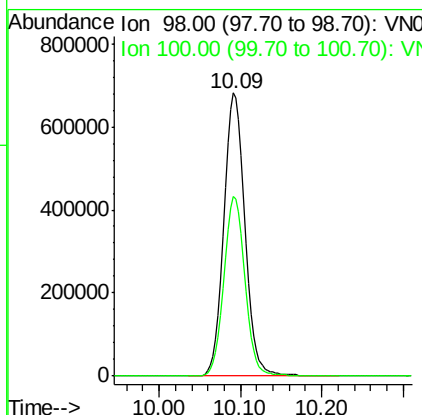
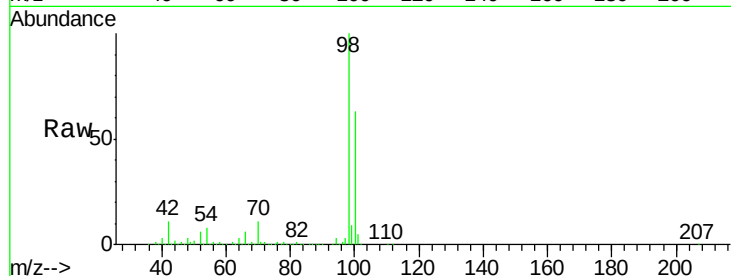




#50
Toluene-d8
Concen: 43.86 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

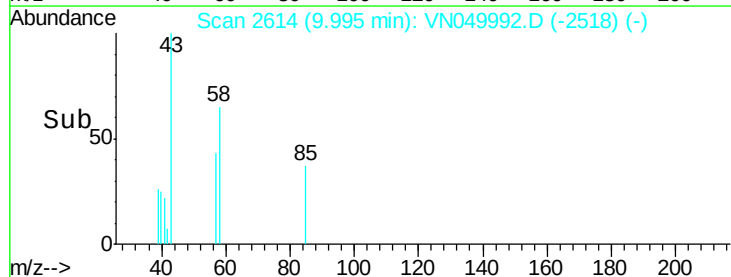
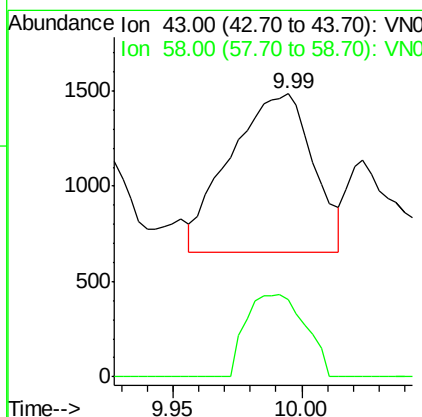
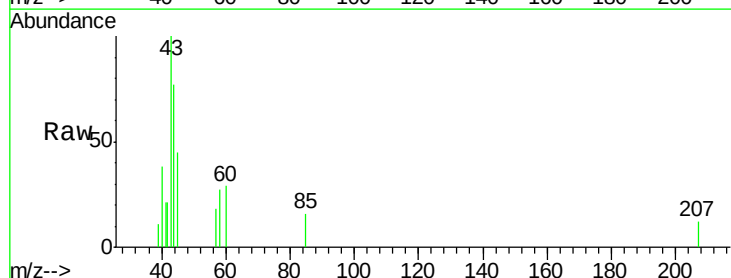
Instrument :
MSVOA_N
ClientSampled :
TP-5

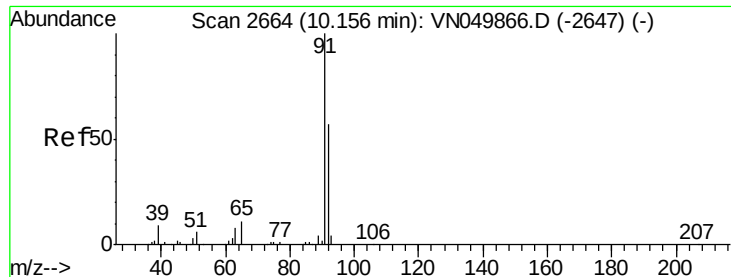
Tot Ion: 98 Resp: 1257274
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 0.27 ug/l
RT: 9.99 min Scan# 2614
Delta R.T. 0.01 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Tgt Ion: 43 Resp: 1857
Ion Ratio Lower Upper
43 100
58 37.2 31.8 47.8





#52

Toluene

Concen: 0.56 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049992.D

Acq: 21 Jul 2018 6:06

Instrument :

MSVOA_N

ClientSampled :

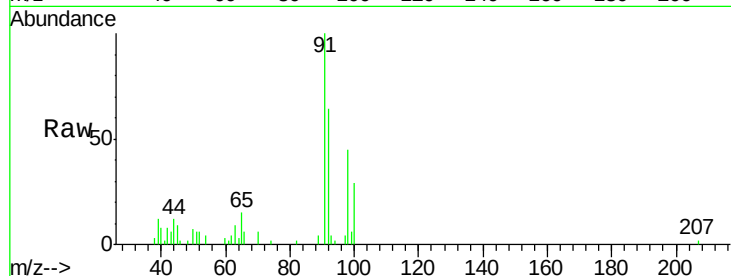
TP-5

Tot Ion: 92 Resp: 10626

Ion Ratio Lower Upper

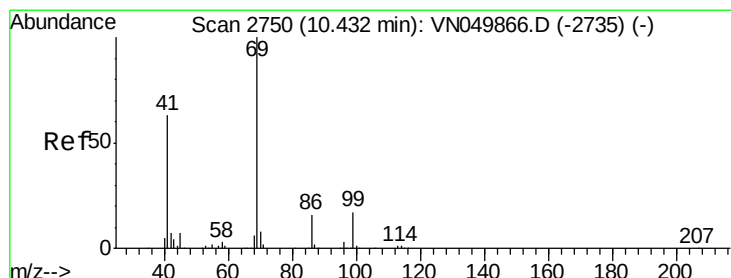
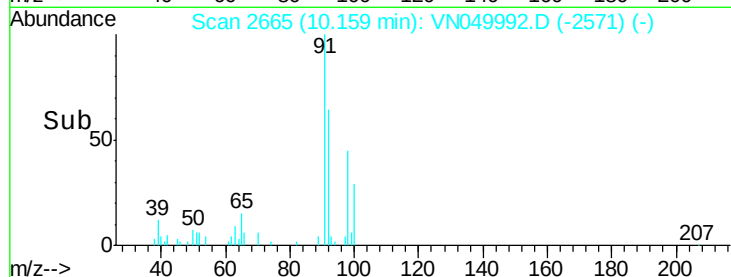
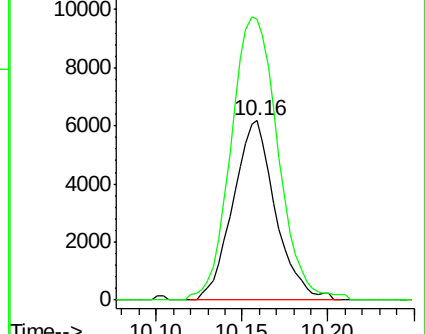
92 100

91 175.0 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN049992.D (-2657) (-)

Ion 91.00 (90.70 to 91.70): VN049992.D (-2657) (-)



#56

Ethyl methacrylate

Concen: 2.20 ug/l

RT: 10.64 min Scan# 2814

Delta R.T. 0.21 min

Lab File: VN049992.D

Acq: 21 Jul 2018 6:06

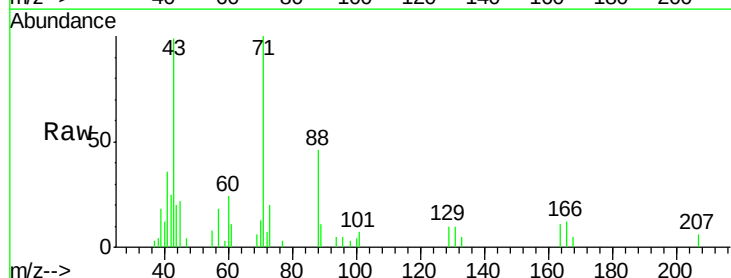
Tgt Ion: 69 Resp: 476

Ion Ratio Lower Upper

69 100

41 897.1 51.6 77.4#

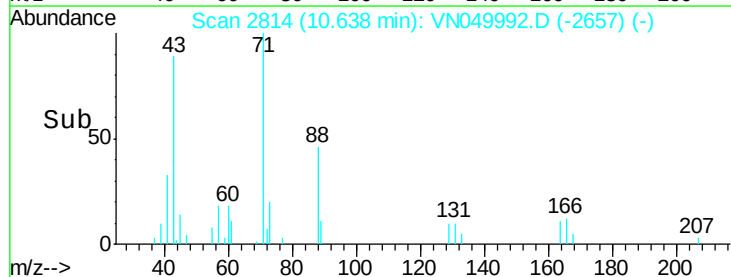
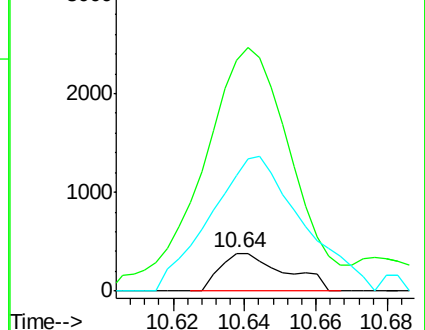
39 513.2 25.8 38.8#

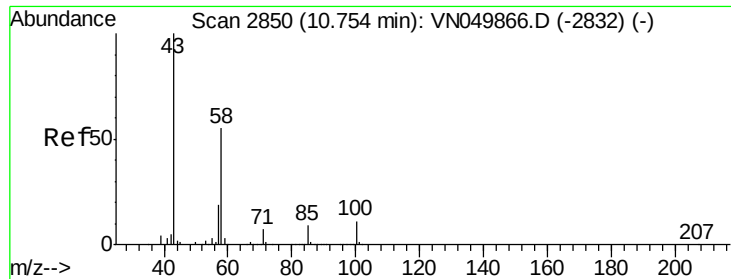


Abundance Ion 69.00 (68.70 to 69.70): VN049992.D (-2657) (-)

Ion 41.00 (40.70 to 41.70): VN049992.D (-2657) (-)

Ion 39.00 (38.70 to 39.70): VN049992.D (-2657) (-)

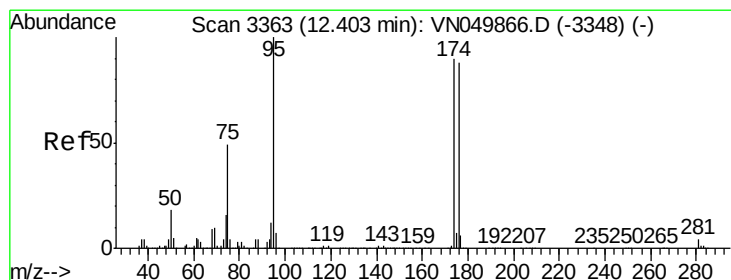
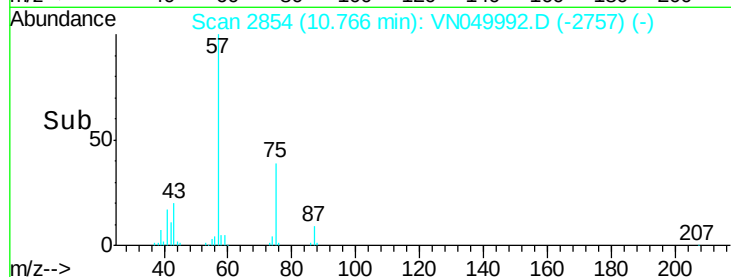
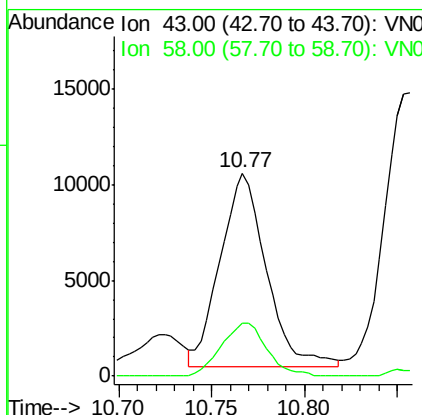
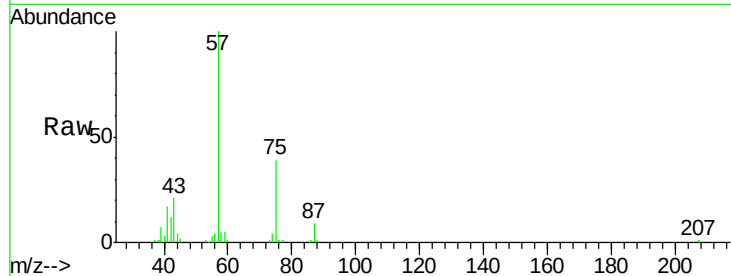




#59
2-Hexanone
Concen: 3.70 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

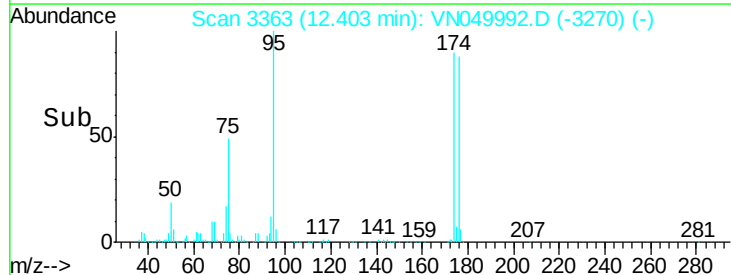
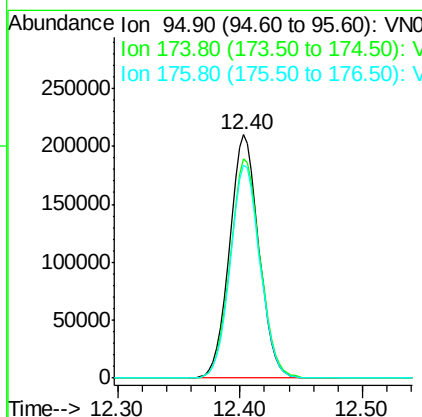
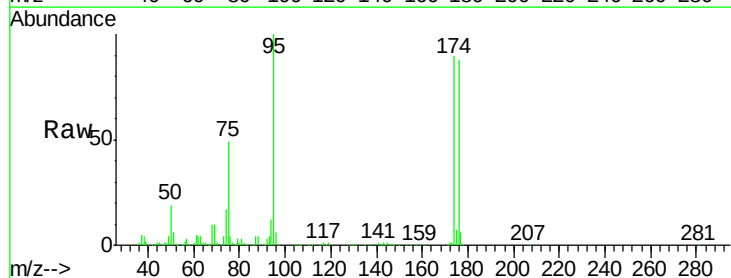
Instrument :
MSVOA_N
ClientSampled :
TP-5

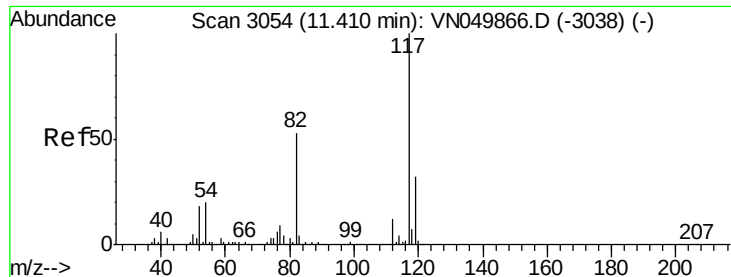
Tot Ion: 43 Resp: 17358
Ion Ratio Lower Upper
43 100
58 27.0 27.8 83.4#



#62
4-Bromofluorobenzene
Concen: 35.61 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Tgt Ion: 95 Resp: 351543
Ion Ratio Lower Upper
95 100
174 92.1 0.0 179.6
176 88.3 0.0 174.0

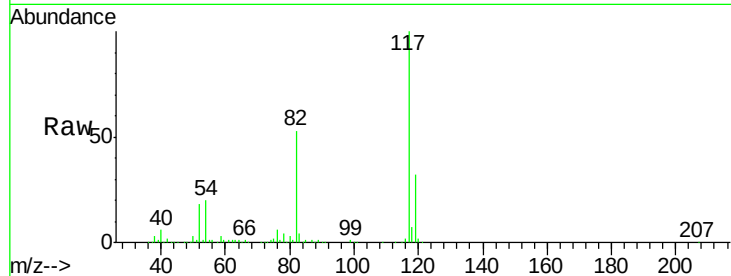




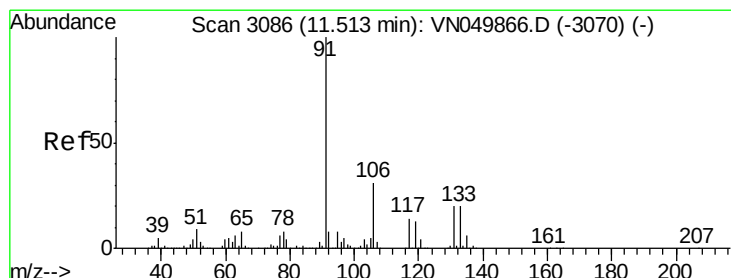
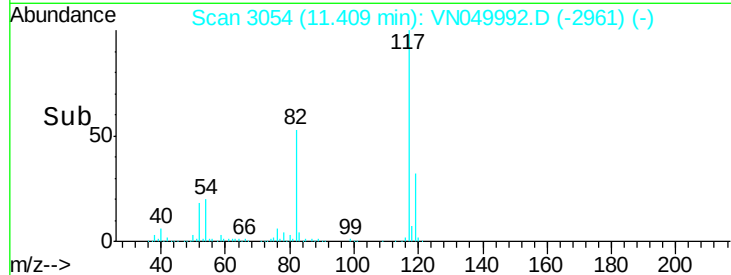
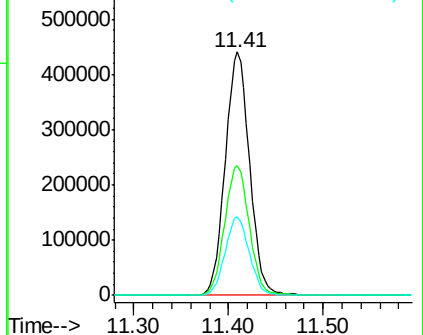
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Instrument :
MSVOA_N
ClientSampled :
TP-5

Tot Ion:117 Resp: 788492
Ion Ratio Lower Upper
117 100
82 53.1 41.9 62.9
119 32.2 25.4 38.2

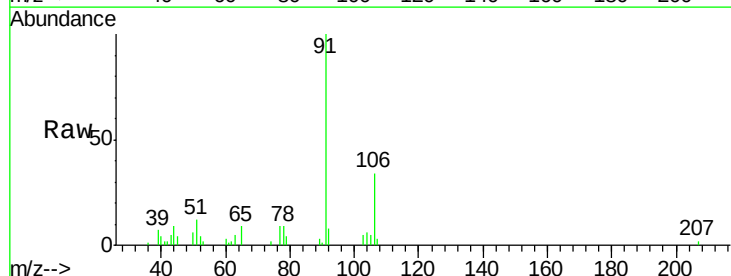


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

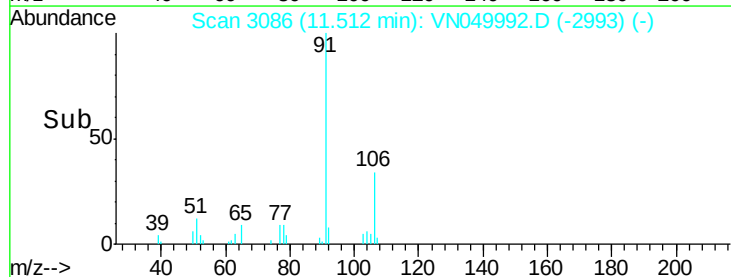
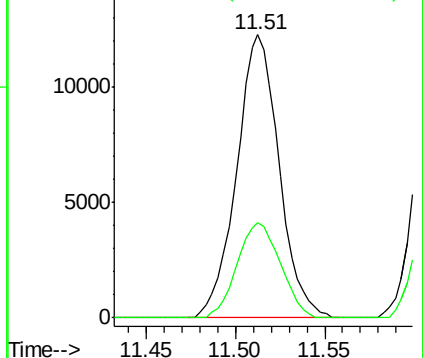


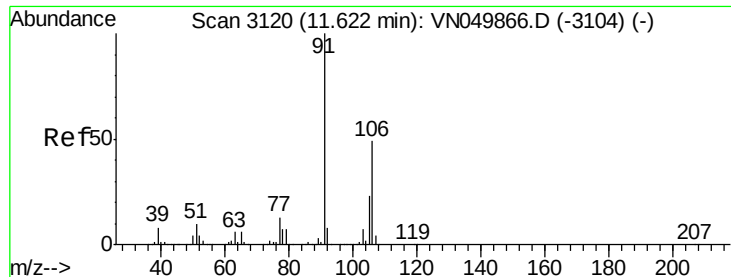
#67
Ethyl Benzene
Concen: 0.63 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Tgt Ion: 91 Resp: 20265
Ion Ratio Lower Upper
91 100
106 33.5 24.8 37.2



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

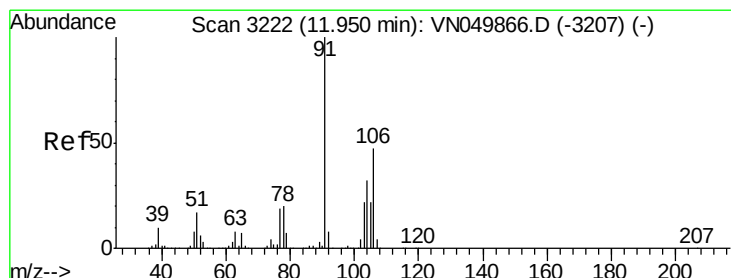
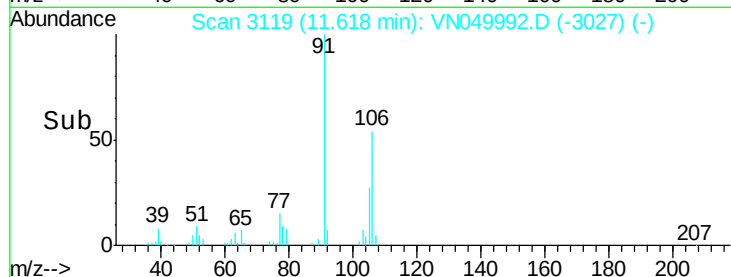
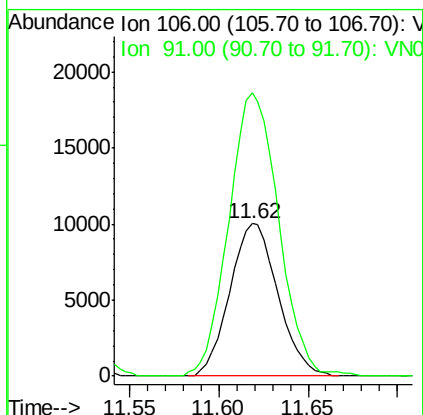
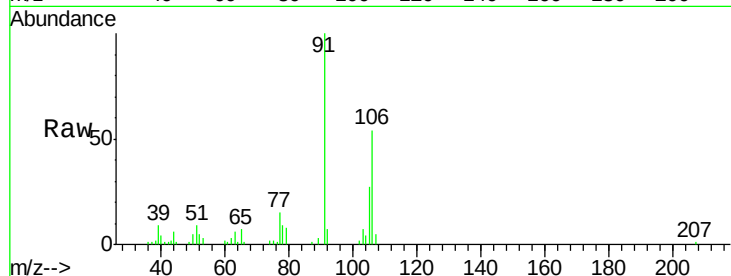




#68
m/p-Xylenes
Concen: 1.54 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

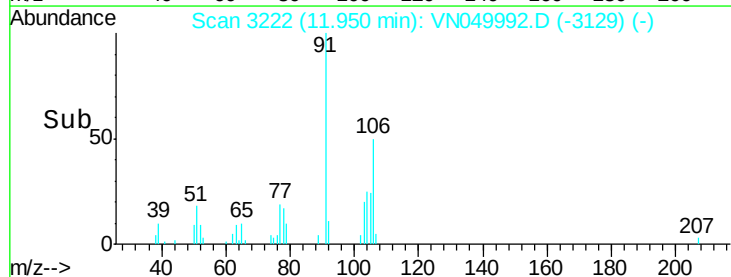
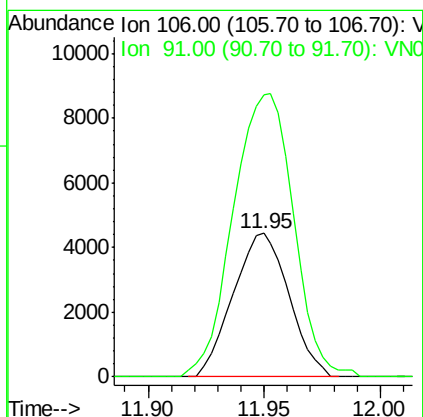
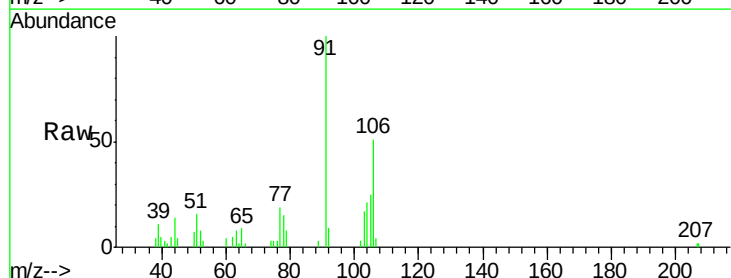
Instrument :
MSVOA_N
ClientSampled :
TP-5

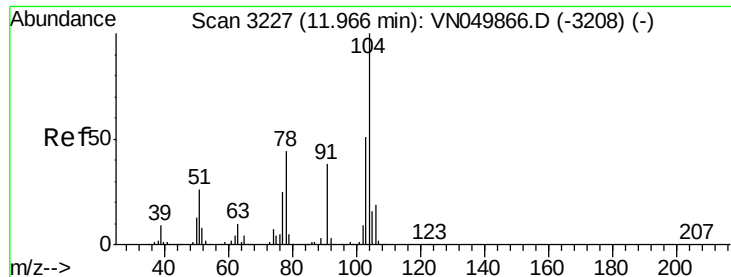
Tot Ion:106 Resp: 18749
Ion Ratio Lower Upper
106 100
91 193.1 163.4 245.2



#69
o-Xylene
Concen: 0.64 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Tgt Ion:106 Resp: 7430
Ion Ratio Lower Upper
106 100
91 213.1 108.7 326.1





#70

Stvrene

Concen: 0.41 ug/l

RT: 11.96 min Scan# 3226

Delta R.T. -0.00 min

Lab File: VN049992.D

Acq: 21 Jul 2018 6:06

Instrument :

MSVOA_N

ClientSampled :

TP-5

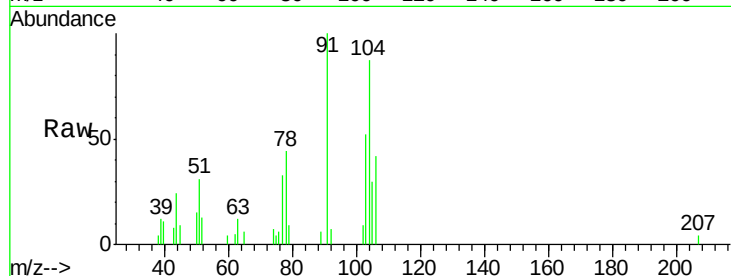
Tot Ion:104 Resp: 7689

Ion Ratio Lower Upper

104 100

78 57.9 39.2 58.8

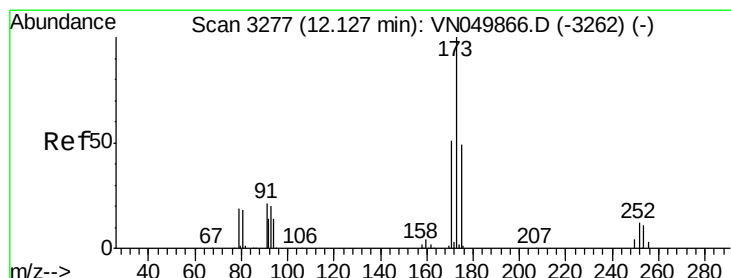
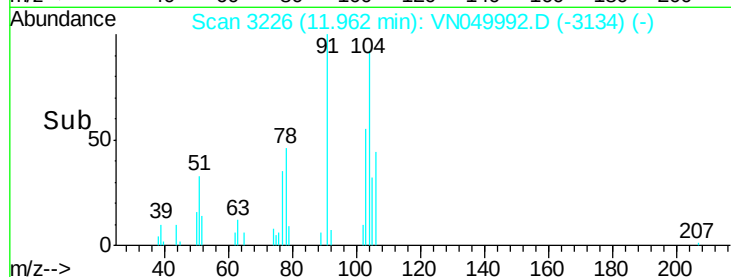
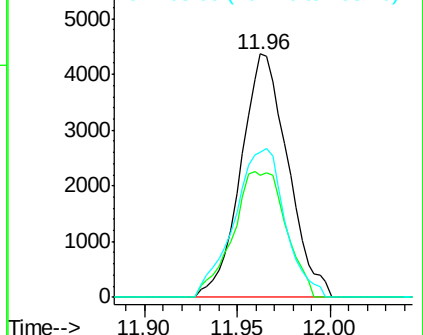
103 66.1 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.63 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.28 min

Lab File: VN049992.D

Acq: 21 Jul 2018 6:06

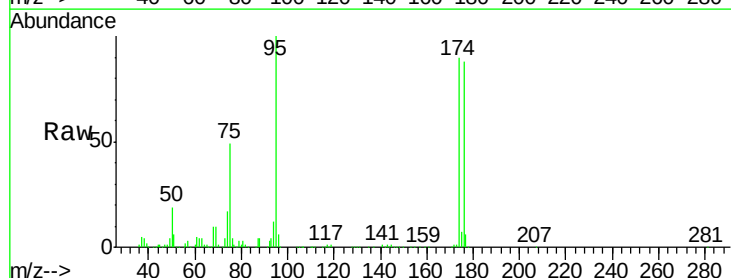
Tgt Ion:173 Resp: 3435

Ion Ratio Lower Upper

173 100

175 560.4 24.6 73.8#

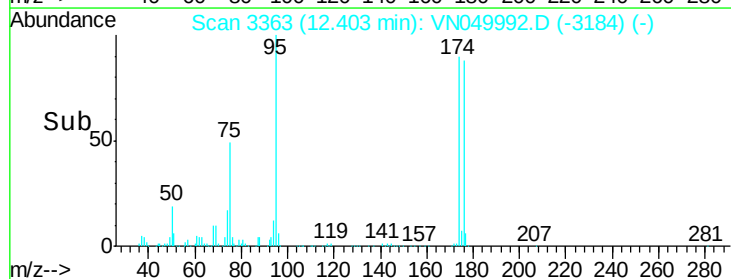
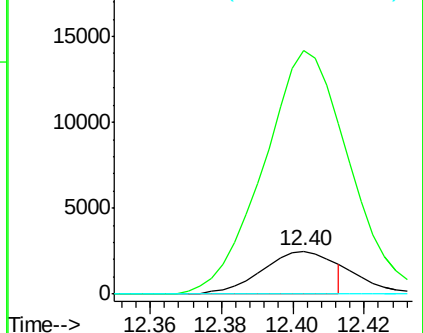
254 0.0 0.2 0.2#

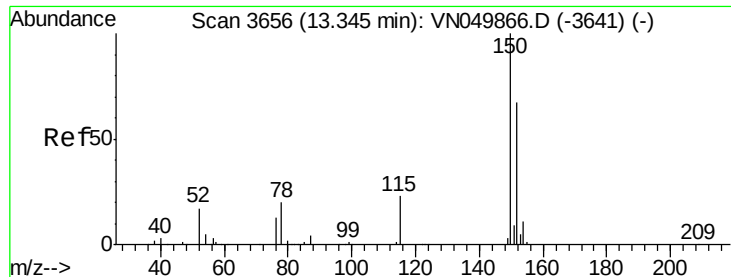


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN049992.D

Acq: 21 Jul 2018 6:06

Instrument :

MSVOA_N

ClientSampleId :

TP-5

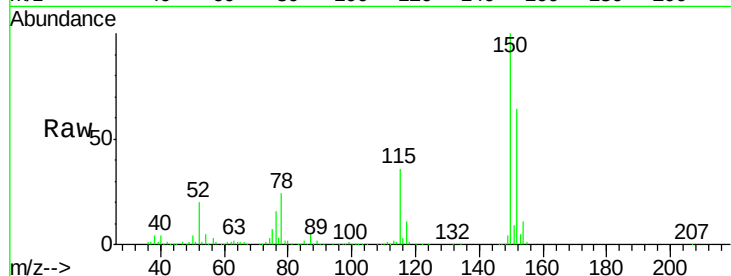
Tot Ion:152 Resp: 320733

Ion Ratio Lower Upper

152 100

115 56.5 28.1 84.2

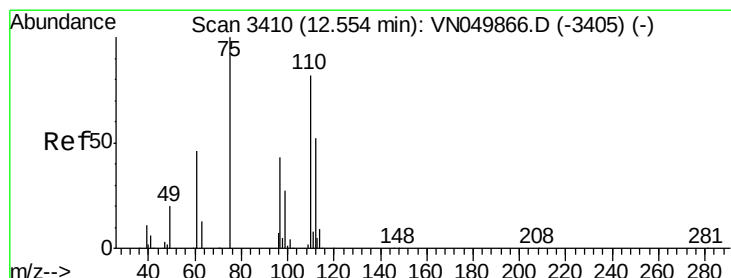
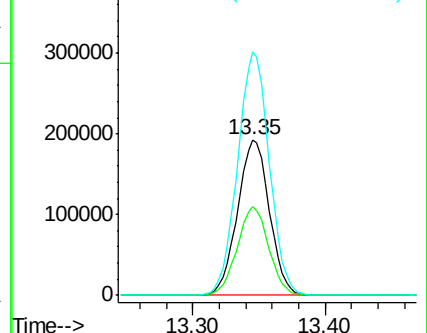
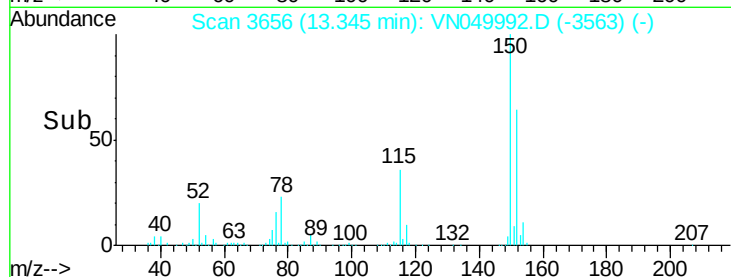
150 155.8 0.0 347.6



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: 28.80 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN049992.D

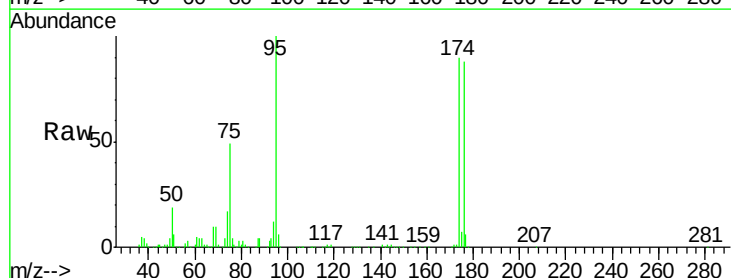
Acq: 21 Jul 2018 6:06

Tgt Ion: 75 Resp: 173266

Ion Ratio Lower Upper

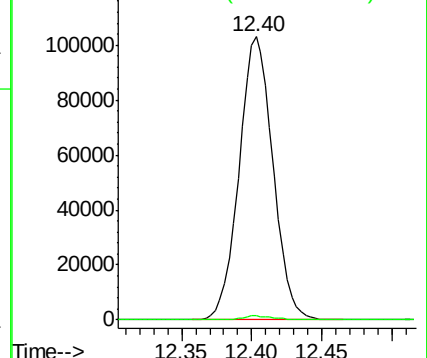
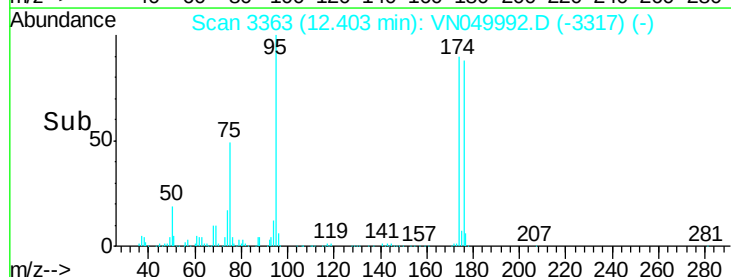
75 100

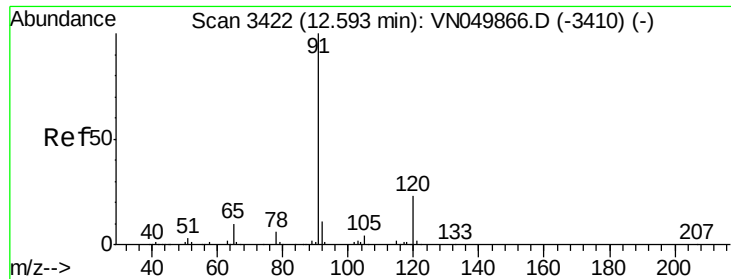
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

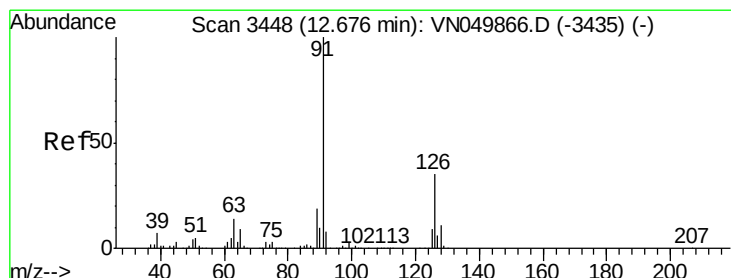
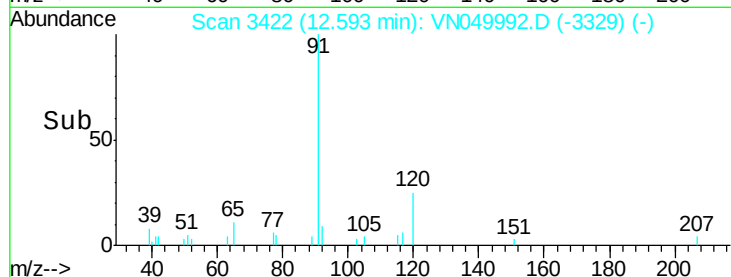
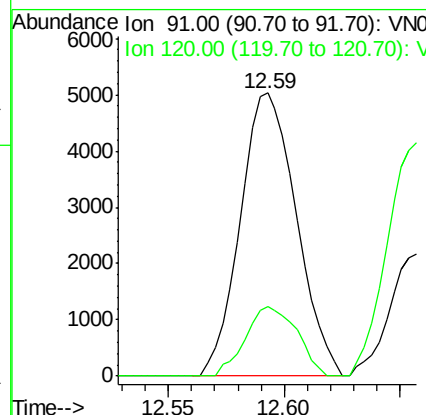
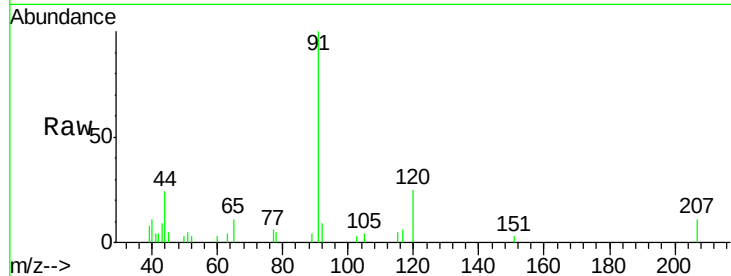




#78
n-propylbenzene
Concen: 0.31 ug/l
RT: 12.59 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

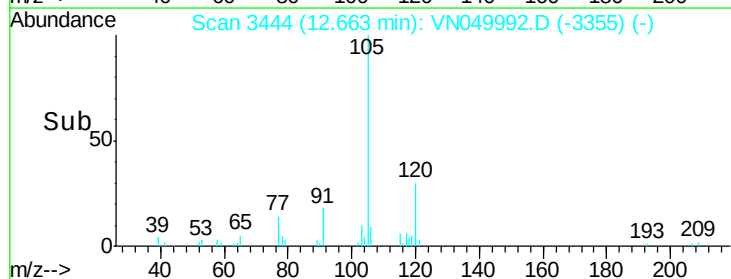
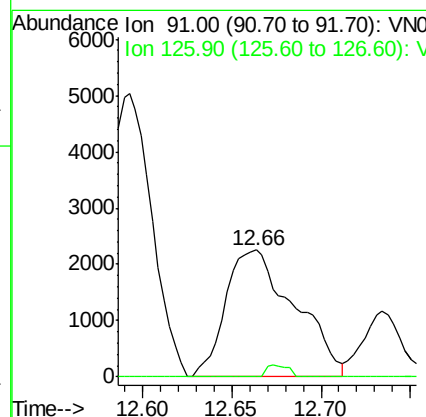
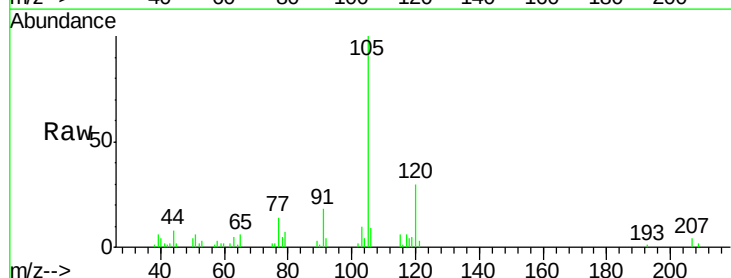
Instrument :
MSVOA_N
ClientSampleId :
TP-5

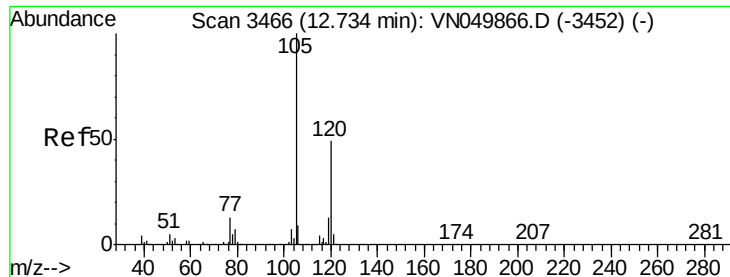
Tot Ion: 91 Resp: 8456
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.36 ug/l
RT: 12.66 min Scan# 3444
Delta R.T. -0.01 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Tgt Ion: 91 Resp: 6088
Ion Ratio Lower Upper
91 100
126 3.0 17.5 52.5#





#80

1,3,5-Trimethylbenzene

Concen: 0.75 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. -0.00 min

Lab File: VN049992.D

Acq: 21 Jul 2018 6:06

Instrument :

MSVOA_N

ClientSampled :

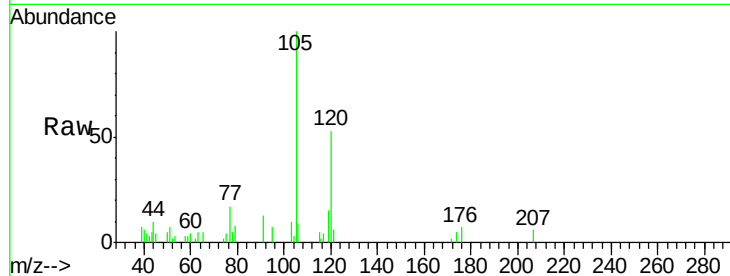
TP-5

Tot Ion:105 Resp: 14642

Ion Ratio Lower Upper

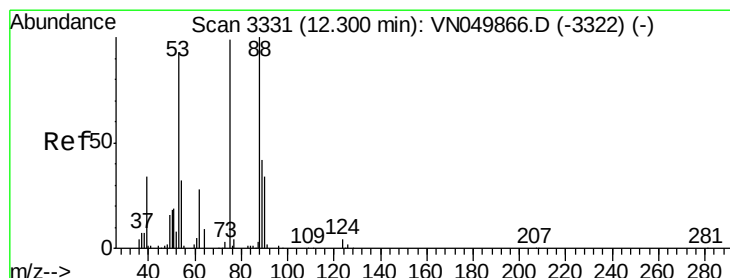
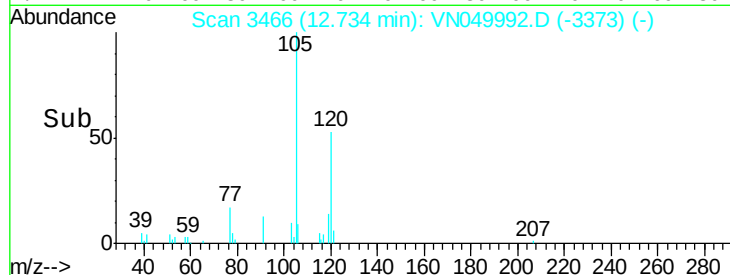
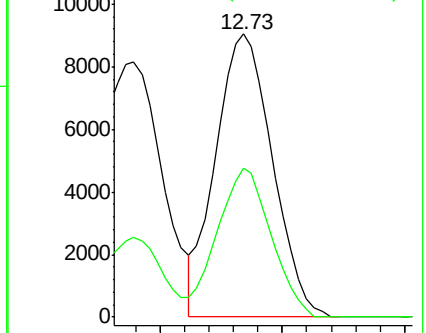
105 100

120 49.5 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: 90.05 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN049992.D

Acq: 21 Jul 2018 6:06

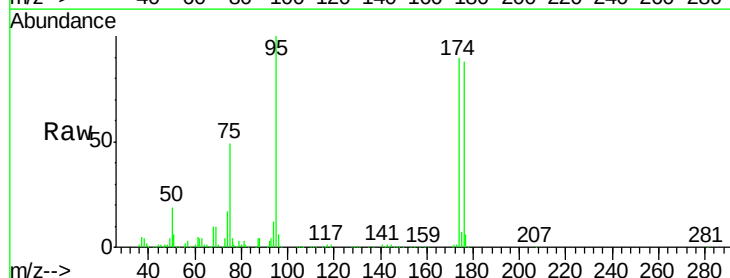
Tgt Ion: 75 Resp: 173266

Ion Ratio Lower Upper

75 100

53 0.2 73.9 110.9#

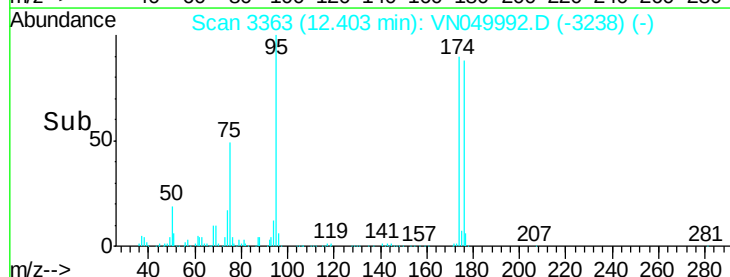
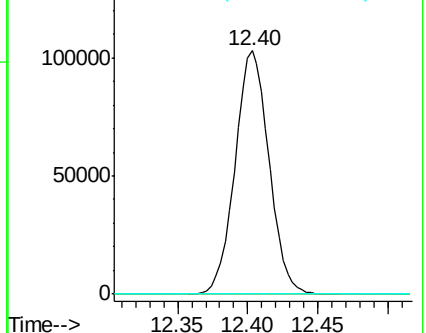
89 0.0 35.9 53.9#

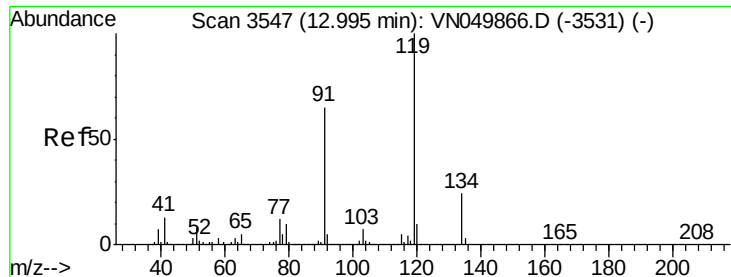


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

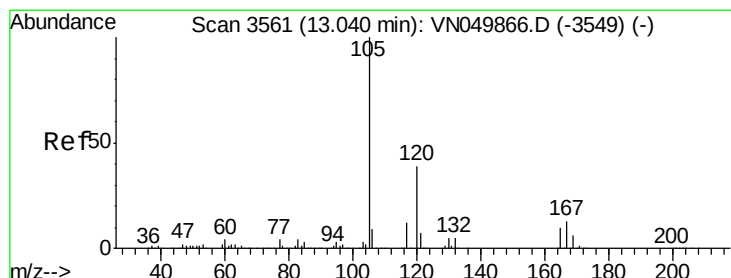
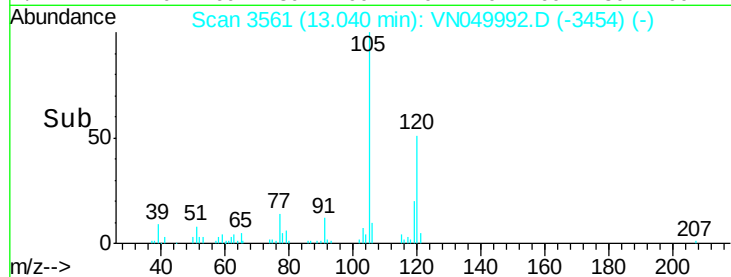
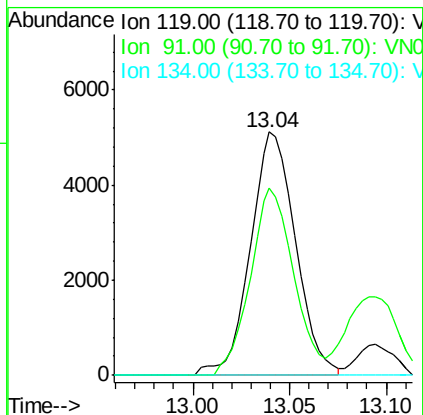
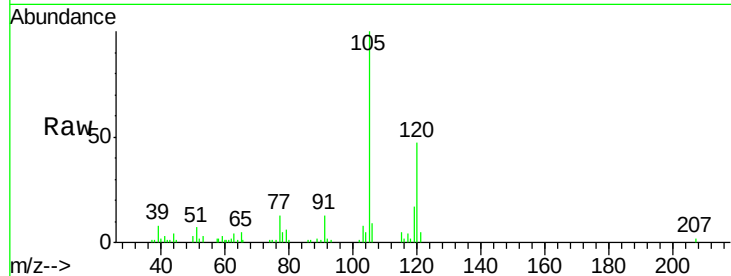




#83
 tert-Butylbenzene
 Concen: 0.48 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.04 min
 Lab File: VN049992.D
 Acq: 21 Jul 2018 6:06

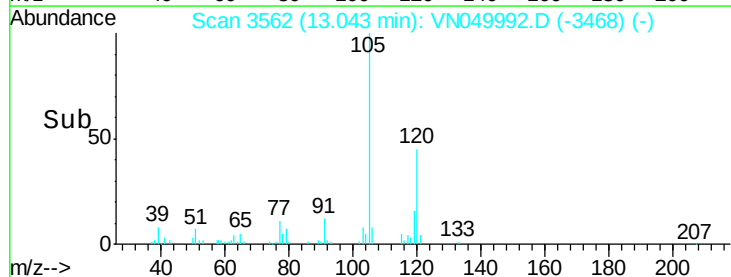
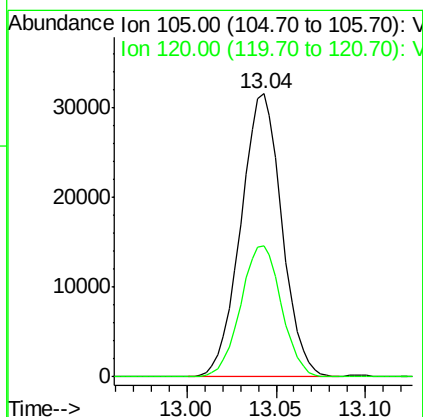
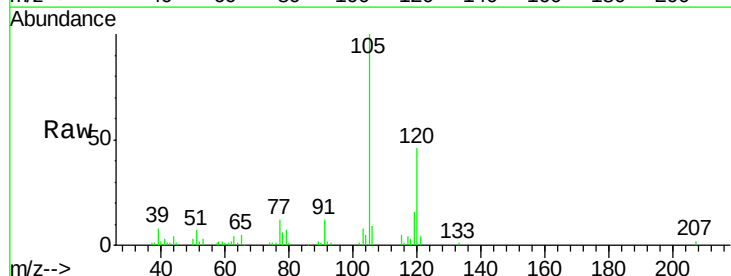
Instrument :
 MSVOA_N
 ClientSampled :
 TP-5

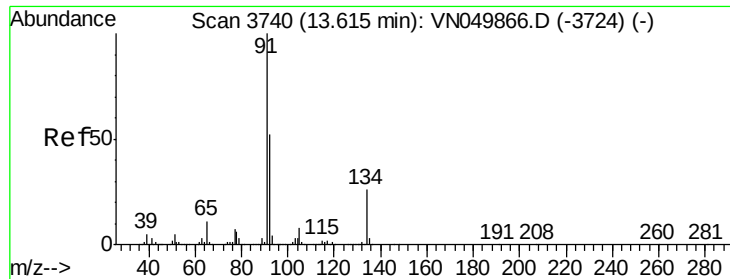
Tot Ion:119 Resp: 8288
 Ion Ratio Lower Upper
 119 100
 91 74.3 32.0 96.2
 134 0.0 12.8 38.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 2.56 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN049992.D
 Acq: 21 Jul 2018 6:06

Tgt Ion:105 Resp: 50570
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.7 68.1

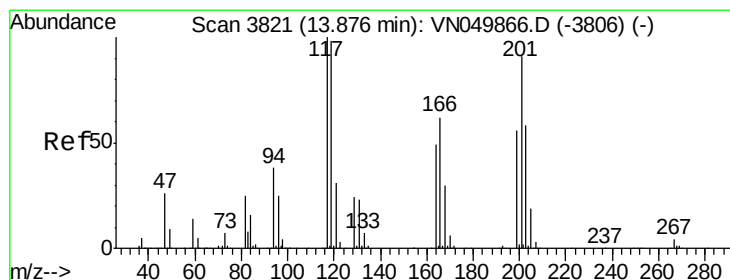
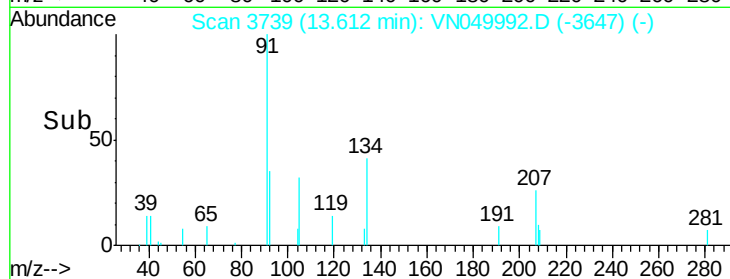
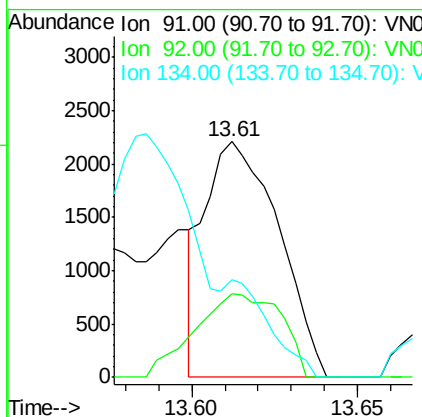
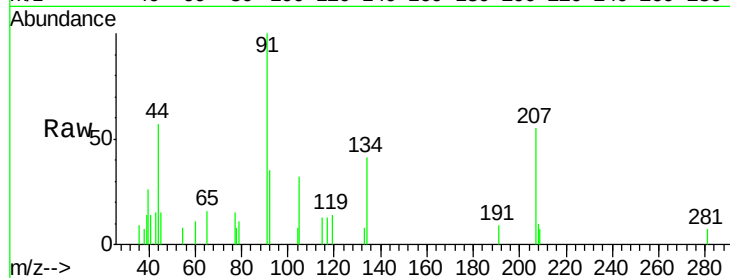




#89
n-Butylbenzene
Concen: 0.21 ug/l
RT: 13.61 min Scan# 3739
Delta R.T. -0.00 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

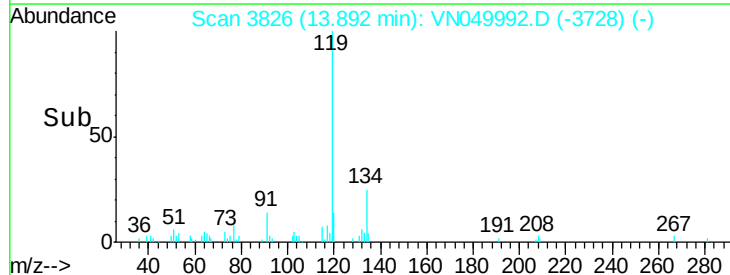
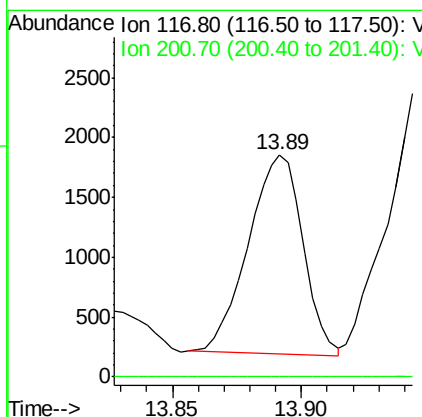
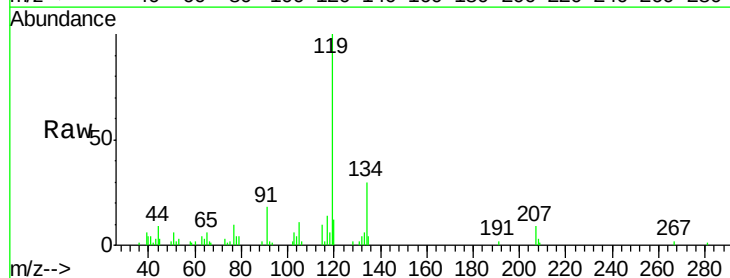
Instrument :
MSVOA_N
ClientSampled :
TP-5

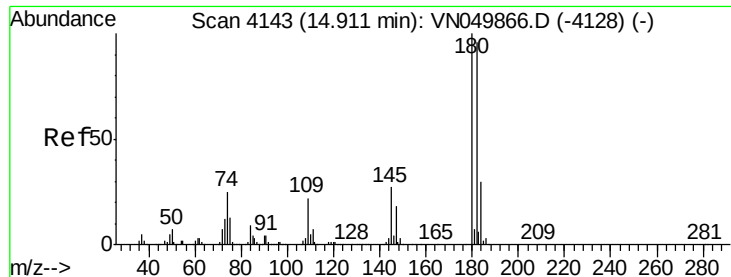
Tot Ion: 91 Resp: 3410
Ion Ratio Lower Upper
91 100
92 41.4 25.8 77.3
134 0.0 13.0 38.9#



#90
Hexachloroethane
Concen: 0.57 ug/l
RT: 13.89 min Scan# 3826
Delta R.T. 0.02 min
Lab File: VN049992.D
Acq: 21 Jul 2018 6:06

Tgt Ion: 117 Resp: 2464
Ion Ratio Lower Upper
117 100
201 0.0 45.3 135.8#

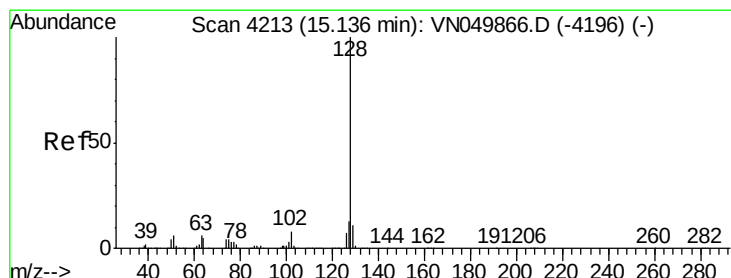
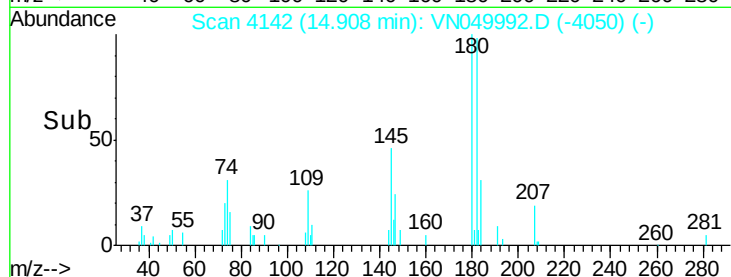
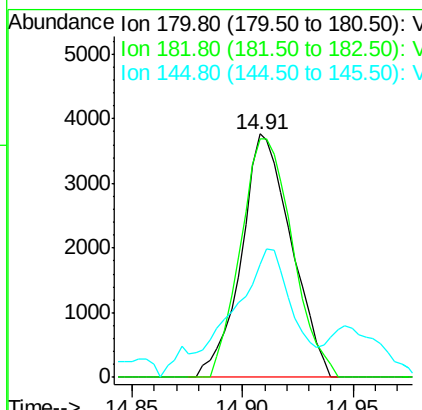
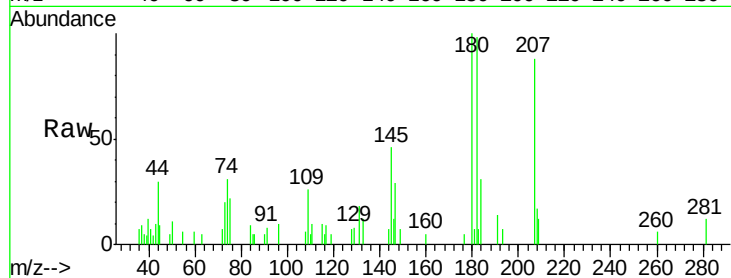




#93
 1,2,4-Trichlorobenzene
 Concen: 4.34 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. -0.00 min
 Lab File: VN049992.D
 Acq: 21 Jul 2018 6:06

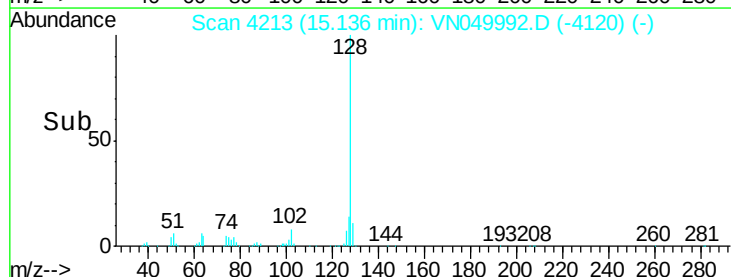
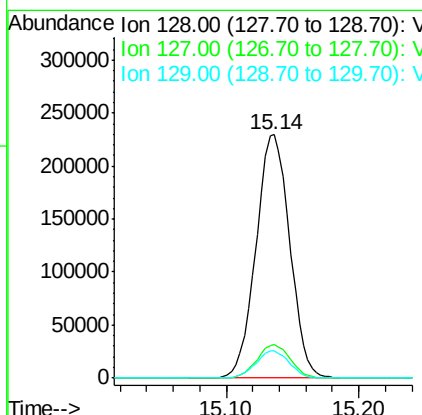
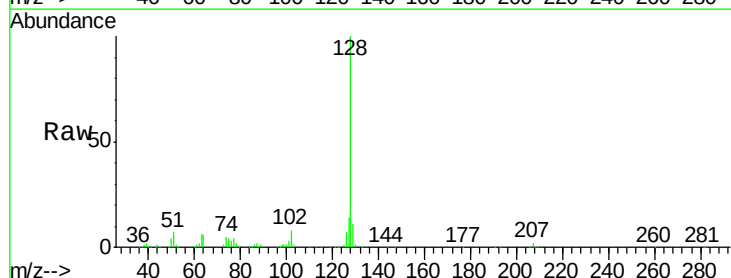
Instrument :
 MSVOA_N
 ClientSampled :
 TP-5

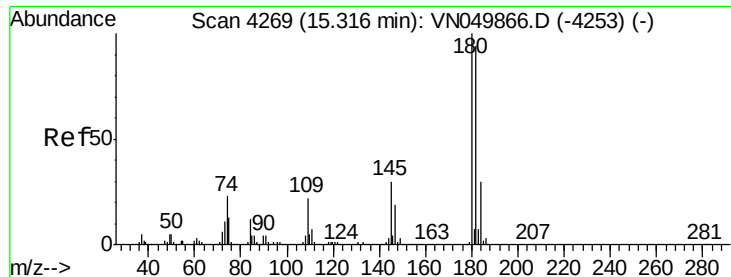
Tot Ion:180 Resp: 5929
 Ion Ratio Lower Upper
 180 100
 182 101.7 47.3 141.9
 145 61.0 14.4 43.0#



#95
 Naphthalene
 Concen: 28.88 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN049992.D
 Acq: 21 Jul 2018 6:06

Tgt Ion:128 Resp: 406995
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.4 15.6
 129 11.1 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.23 ug/l
 RT: 15.32 min Scan# 4269
 Delta R.T. -0.00 min
 Lab File: VN049992.D
 Acq: 21 Jul 2018 6:06

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Tot Ion	Ratio	Lower	Upper
180	100		
182	103.2	47.4	142.2
145	0.0	15.2	45.6#

