

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
 Data File : VN050430.D
 Acq On : 7 Aug 2018 14:36
 Operator : MD\SY
 Sample : J4297-07
 Misc : 5.32g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Quant Time: Aug 08 05:23:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	710683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1097581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	975946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	514007	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	437954	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
35) Dibromofluoromethane	7.59	113	402774	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
50) Toluene-d8	10.09	98	1582053	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.40	95	513888	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	

Target Compounds

						Qvalue
3) Chloromethane	2.05	50	10198	Below Cal		95
5) Bromomethane	2.51	94	13178	2.82 ug/l		95
10) Methyl Iodide	3.94	142	9829	2.74 ug/l #		46
11) Tert butyl alcohol	4.74	59	2261	2.96 ug/l #		72
13) Acrolein	3.61	56	121	15.14 ug/l #		1
16) Acetone	3.84	43	3695	0.95 ug/l #		77
18) Methyl Acetate	4.33	43	40306	5.31 ug/l		98
20) Methylene Chloride	4.54	84	4559	Below Cal		88
29) Tetrahydrofuran	7.23	42	1053	0.42 ug/l #		47
31) Cyclohexane	7.67	56	15332	0.50 ug/l #		1
36) 1,1-Dichloropropene	7.66	75	47537	3.94 ug/l #		50
37) Ethyl Acetate	6.93	43	1892	0.22 ug/l #		78
38) Carbon Tetrachloride	7.67	117	63418	5.04 ug/l #		17
39) Methylcyclohexane	9.08	83	12127	0.92 ug/l		93
55) 1,1,2-Trichloroethane	10.53	97	16352	1.88 ug/l #		16
56) Ethyl methacrylate	10.42	69	1440	1.82 ug/l #		1
58) 2-Chloroethyl Vinyl ether	9.71	63	211	7.43 ug/l #		77
59) 2-Hexanone	10.72	43	38019	5.05 ug/l #		30
67) Ethyl Benzene	11.55	91	21612	0.55 ug/l #		60
69) o-Xylene	11.95	106	4177	0.29 ug/l		64
71) Bromoform	12.15	173	3369	0.52 ug/l #		29
74) N-amyl acetate	12.04	43	61320	4.90 ug/l #		58
75) 1,1,2,2-Tetrachloroethane	12.46	83	2552	0.23 ug/l #		25
76) 1,2,3-Trichloropropane	12.40	75	242599	26.07 ug/l #		100
77) Bromobenzene	12.56	156	225994	21.86 ug/l #		1
80) 1,3,5-Trimethylbenzene	12.66	105	6475	0.21 ug/l		88
81) trans-1,4-Dichloro-2-buten	12.40	75	242599	91.61 ug/l #		13
83) tert-Butylbenzene	12.99	119	6411	0.23 ug/l #		62
90) Hexachloroethane	13.88	117	1532	0.28 ug/l #		26
93) 1,2,4-Trichlorobenzene	14.91	180	3377	0.36 ug/l #		1
94) Hexachlorobutadiene	15.02	225	34	Below Cal #		1
95) Naphthalene	15.11	128	21513	4.42 ug/l #		1
96) 1,2,3-Trichlorobenzene	15.29	180	16954	1.78 ug/l #		1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080718\
Data File : VN050430.D
Acq On : 7 Aug 2018 14:36
Operator : MD\SY
Sample : J4297-07
Misc : 5.32g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-7

Quant Time: Aug 08 05:23:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration

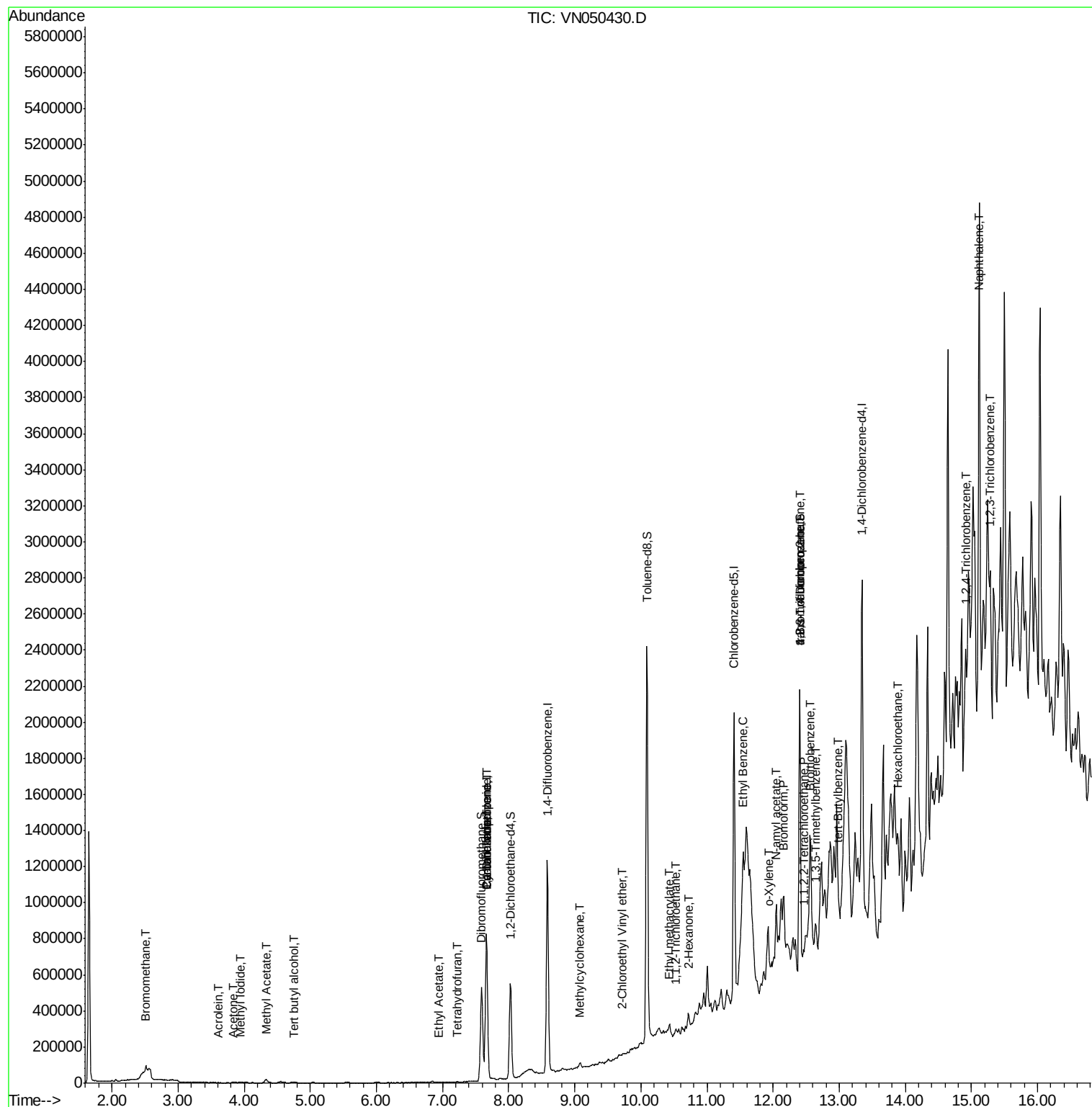
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

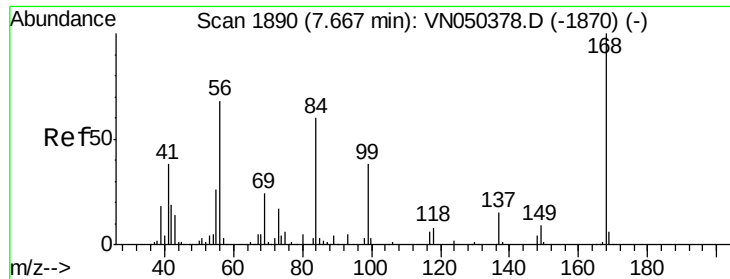
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080718\
Data File : VN050430.D
Acq On : 7 Aug 2018 14:36
Operator : MD\SY
Sample : J4297-07
Misc : 5.32a/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-7

Quant Time: Aug 08 05:23:14 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

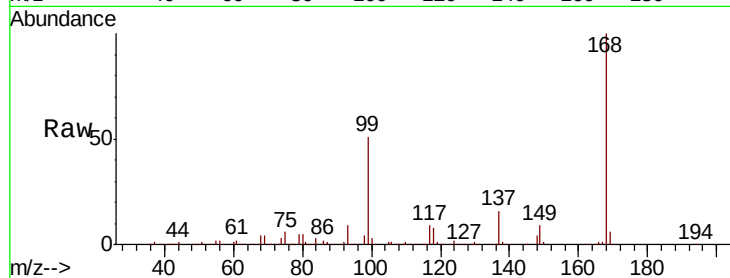
Instrument :
MSVOA_N
ClientSampled :
TP-7

Tot Ion:168 Resp: 710683

Ion Ratio Lower Upper

168 100

99 51.2 40.0 60.0



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

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

7.67

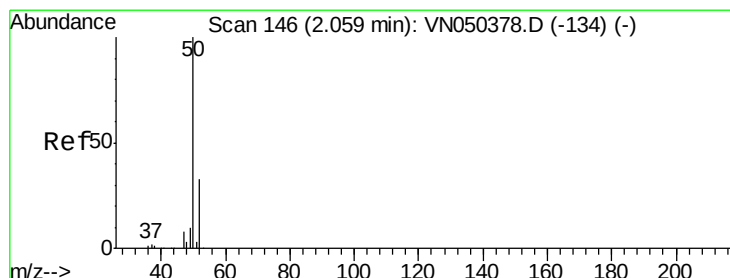
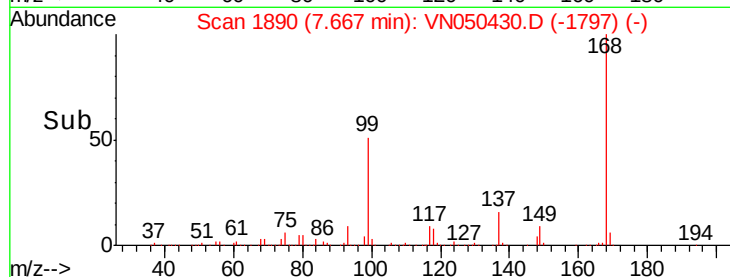
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.05 min Scan# 144

Delta R.T. -0.01 min

Lab File: VN050430.D

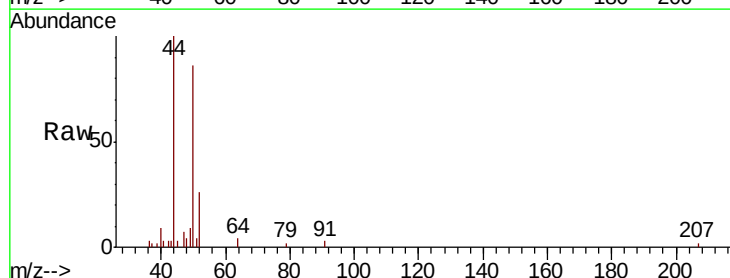
Acq: 7 Aug 2018 14:36

Tgt Ion: 50 Resp: 10198

Ion Ratio Lower Upper

50 100

52 29.8 25.9 38.9



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

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

2.05

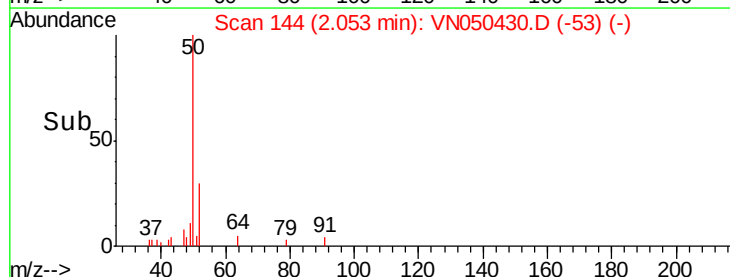
6000

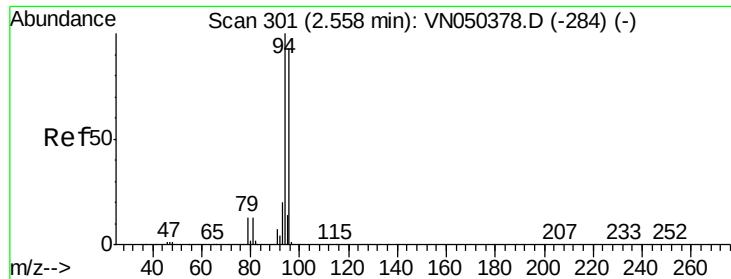
4000

2000

0

Time-->





#5

Bromomethane

Concen: 2.82 ug/l

RT: 2.51 min Scan# 287

Delta R.T. -0.04 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampled :

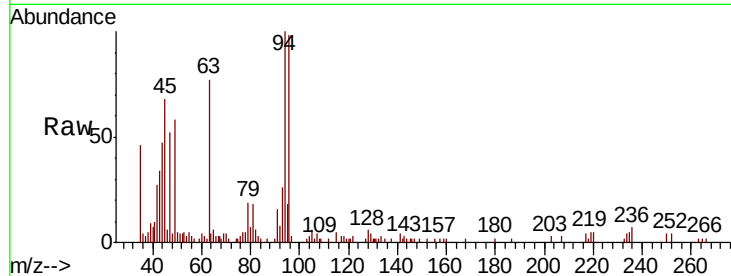
TP-7

Tot Ion: 94 Resp: 13178

Ion Ratio Lower Upper

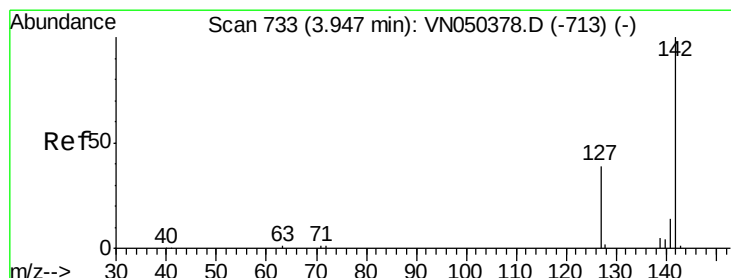
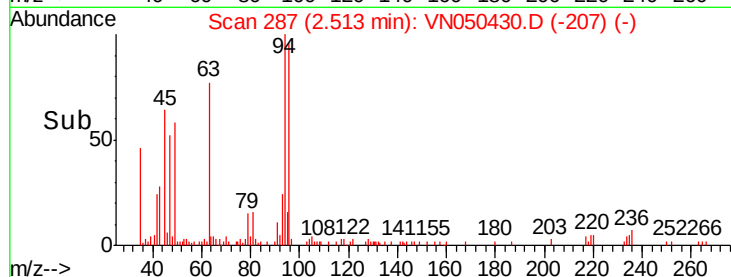
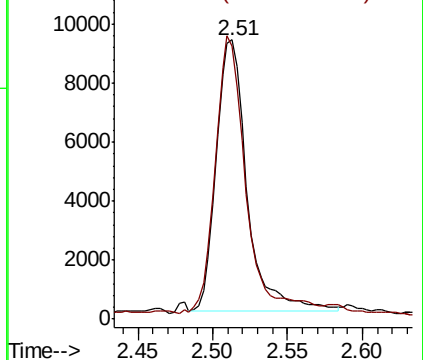
94 100

96 98.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 2.74 ug/l

RT: 3.94 min Scan# 730

Delta R.T. -0.01 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

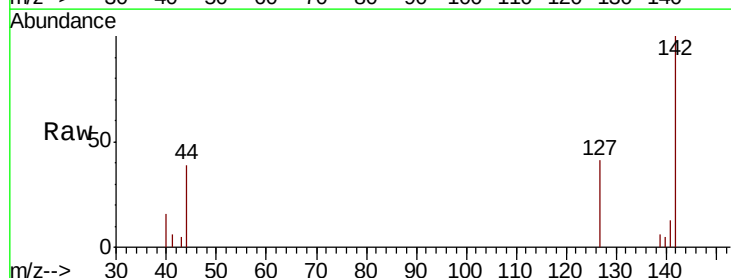
Tgt Ion: 142 Resp: 9829

Ion Ratio Lower Upper

142 100

127 0.0 33.4 50.2#

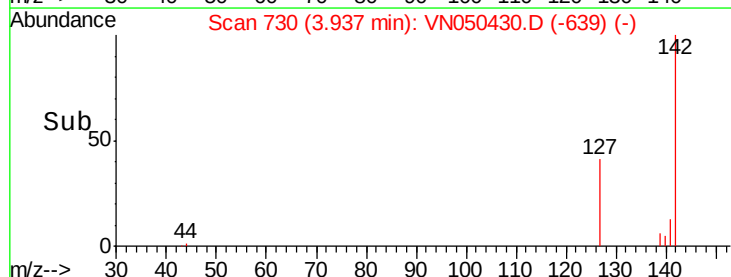
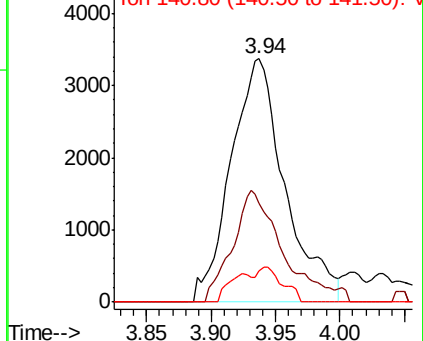
141 6.5 11.6 17.4#

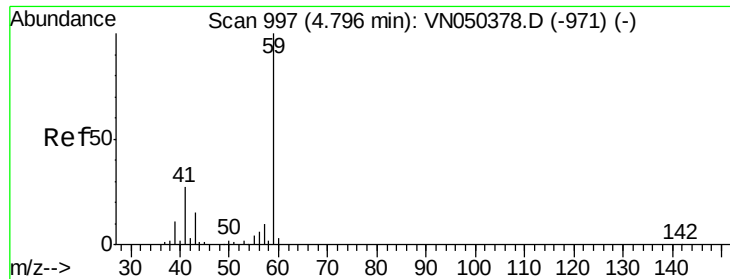


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

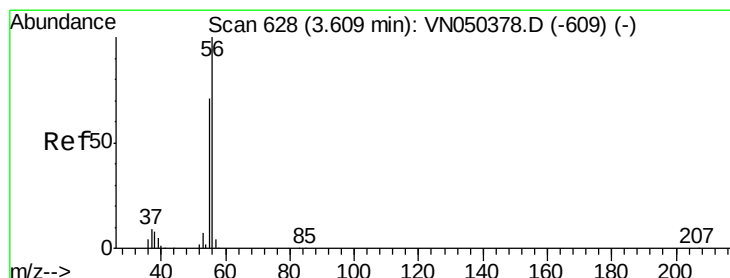
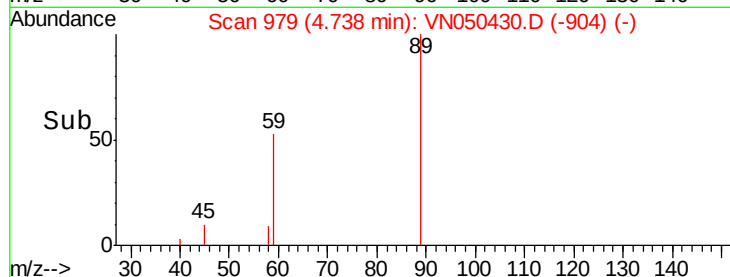
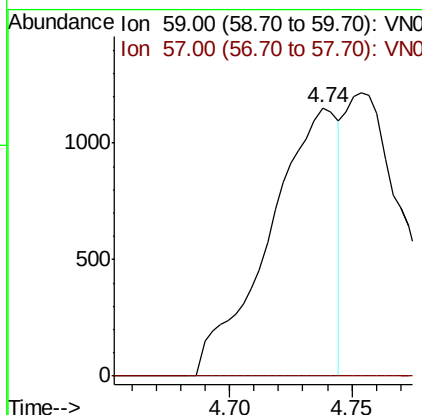
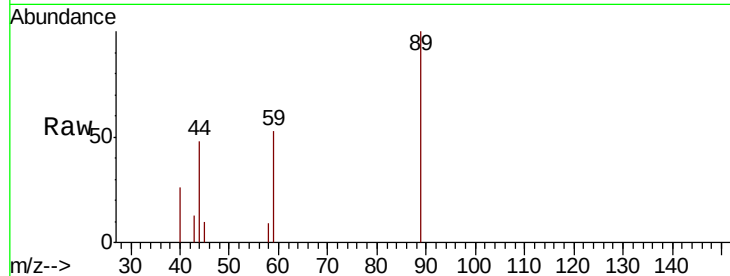




#11
Tert butyl alcohol
Concen: 2.96 ug/l
RT: 4.74 min Scan# 979
Delta R.T. -0.06 min
Lab File: VN050430.D
Acq: 7 Aug 2018 14:36

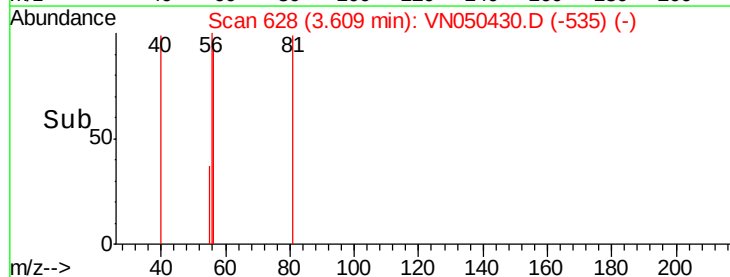
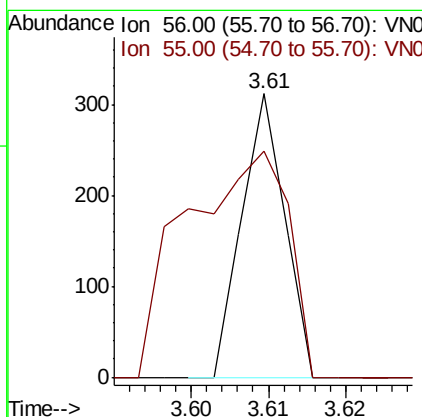
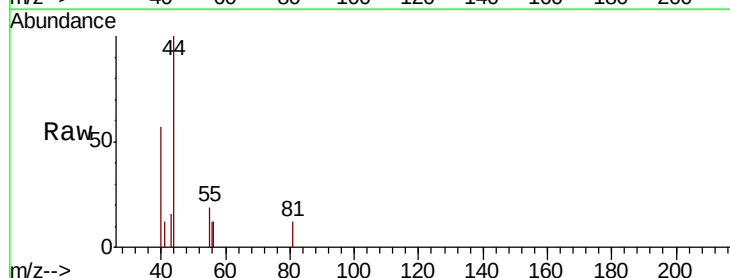
Instrument :
MSVOA_N
ClientSampled :
TP-7

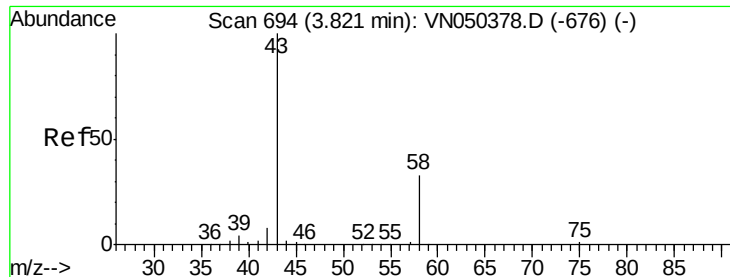
Tot Ion: 59 Resp: 2261
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 15.14 ug/l
RT: 3.61 min Scan# 628
Delta R.T. 0.00 min
Lab File: VN050430.D
Acq: 7 Aug 2018 14:36

Tgt Ion: 56 Resp: 121
Ion Ratio Lower Upper
56 100
55 190.1 55.8 83.6#





#16

Acetone

Concen: 0.95 ug/l

RT: 3.84 min Scan# 699

Delta R.T. 0.02 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampled :

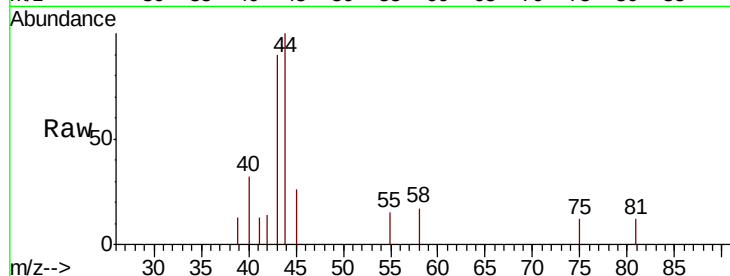
TP-7

Tot Ion: 43 Resp: 3695

Ion Ratio Lower Upper

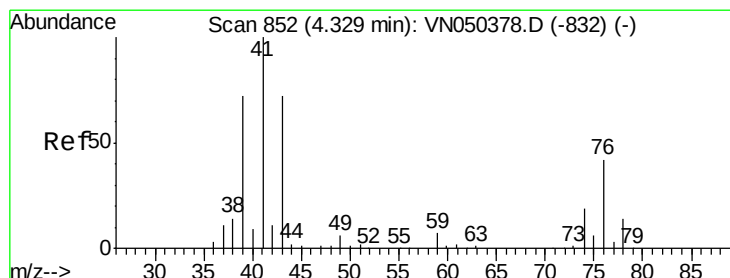
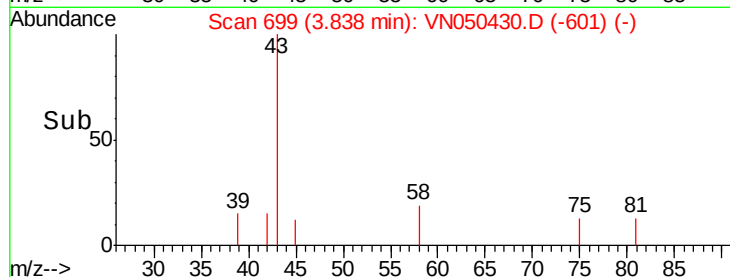
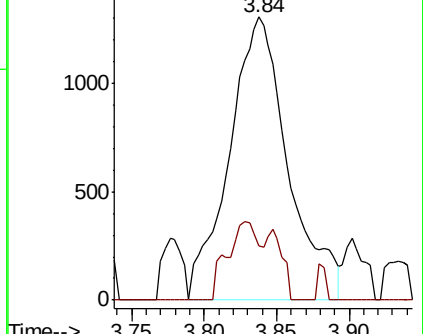
43 100

58 19.2 25.8 38.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 5.31 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN050430.D

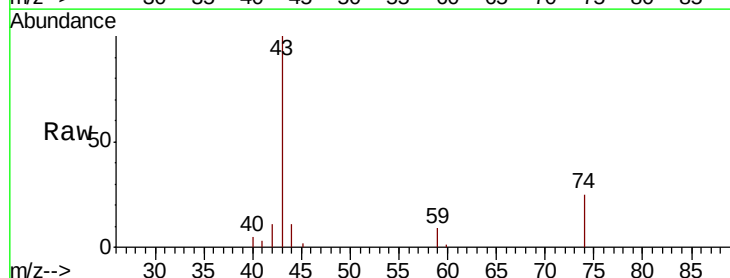
Acq: 7 Aug 2018 14:36

Tgt Ion: 43 Resp: 40306

Ion Ratio Lower Upper

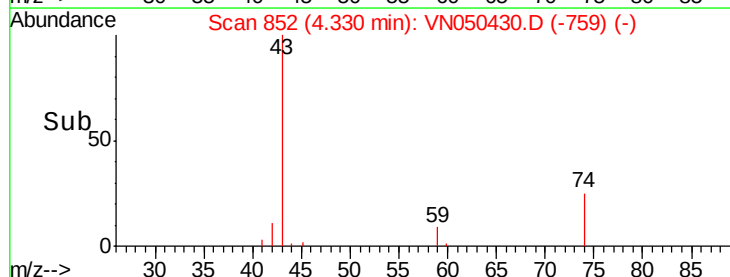
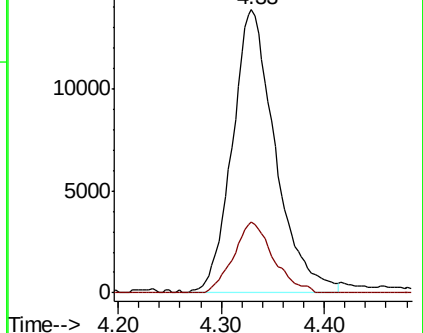
43 100

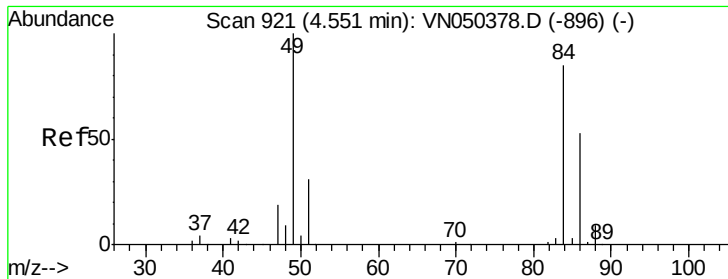
74 23.1 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

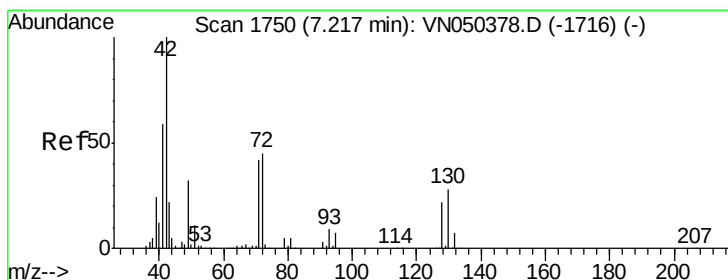
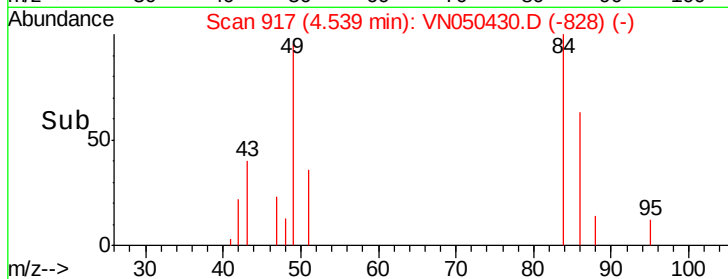
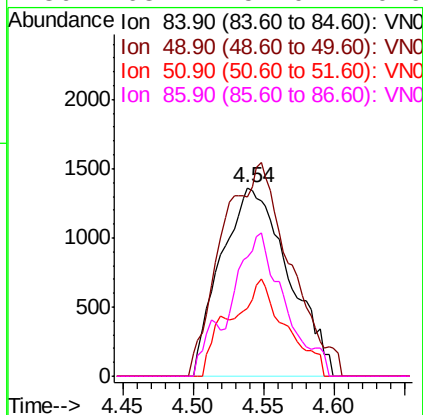
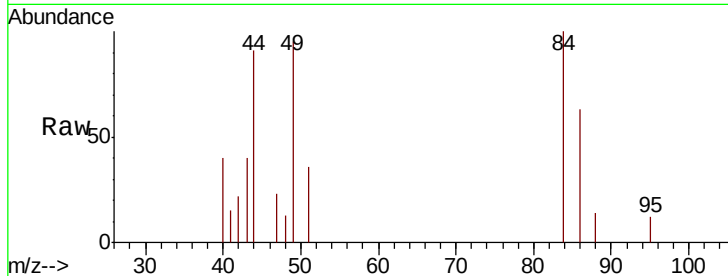




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN050430.D
Acq: 7 Aug 2018 14:36

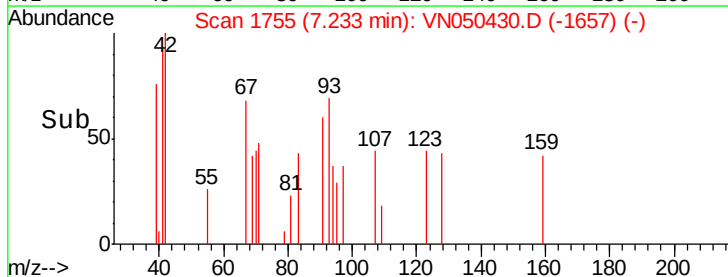
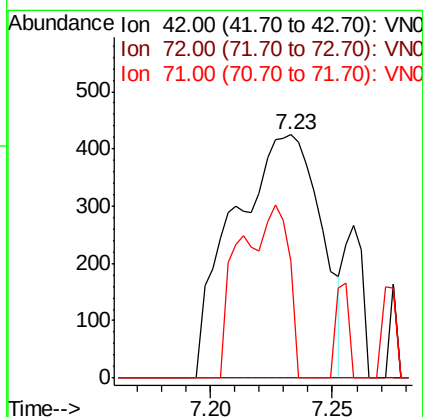
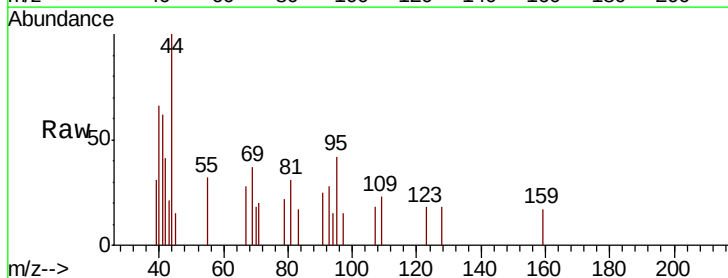
Instrument :
MSVOA_N
ClientSampled :
TP-7

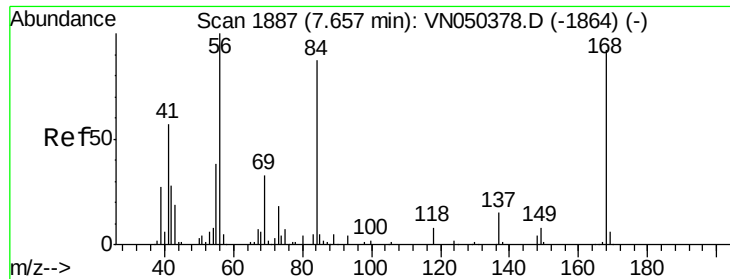
Tot Ion:	84	Resp:	4559
Ion	Ratio	Lower	Upper
84	100		
49	95.0	94.8	142.2
51	36.3	28.3	42.5
86	63.4	51.0	76.6



#29
Tetrahydrofuran
Concen: 0.42 ug/l
RT: 7.23 min Scan# 1755
Delta R.T. 0.02 min
Lab File: VN050430.D
Acq: 7 Aug 2018 14:36

Tgt Ion:	42	Resp:	1053
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.9	53.9#
71	19.4	33.7	50.5#

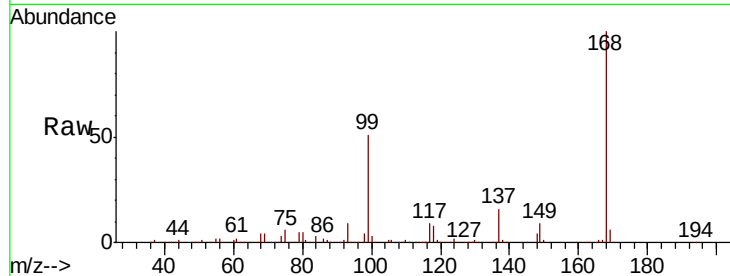




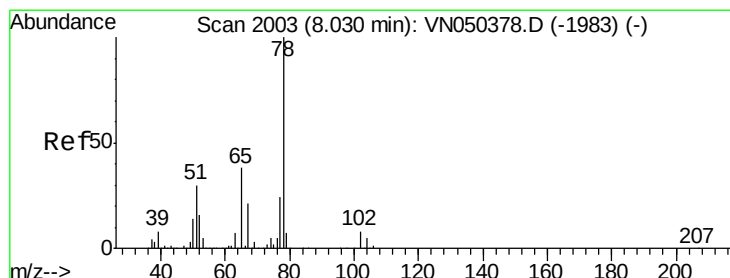
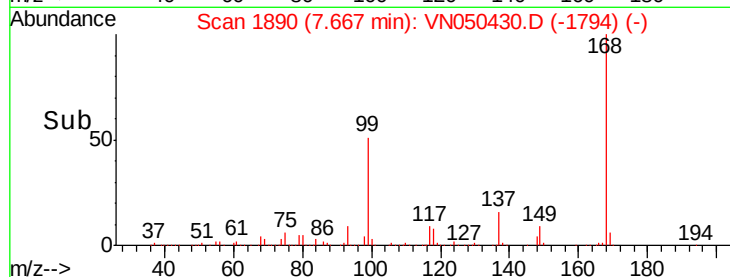
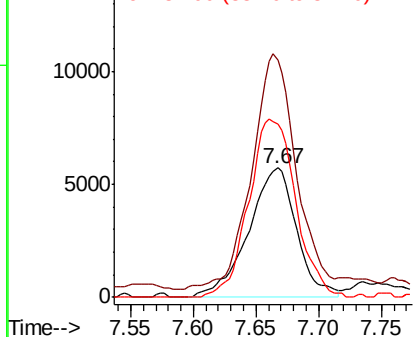
#31
Cyclohexane
Concen: 0.50 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050430.D
Acq: 7 Aug 2018 14:36

Instrument :
MSVOA_N
ClientSampled :
TP-7

Tot Ion: 56 Resp: 15332
Ion Ratio Lower Upper
56 100
69 176.3 26.2 39.4#
84 134.4 67.4 101.0#

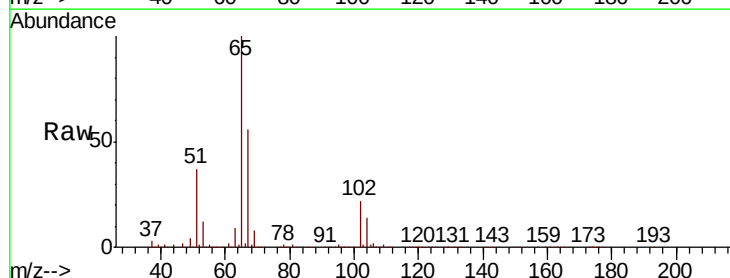


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

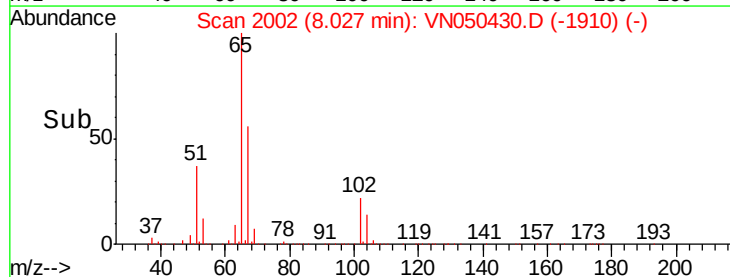
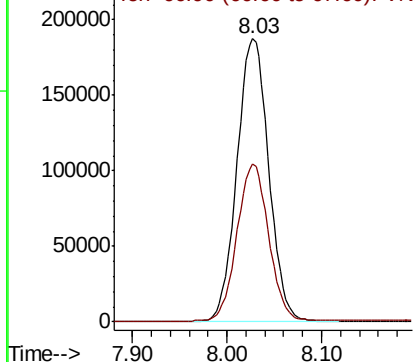


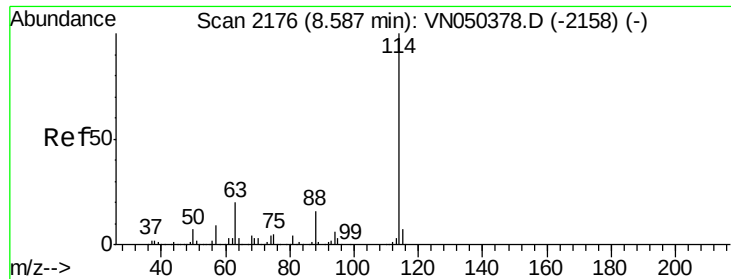
#33
1,2-Dichloroethane-d4
Concen: 46.12 ug/l
RT: 8.03 min Scan# 2002
Delta R.T. -0.00 min
Lab File: VN050430.D
Acq: 7 Aug 2018 14:36

Tgt Ion: 65 Resp: 437954
Ion Ratio Lower Upper
65 100
67 55.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

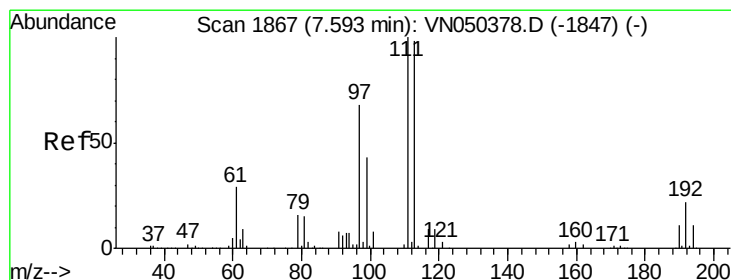
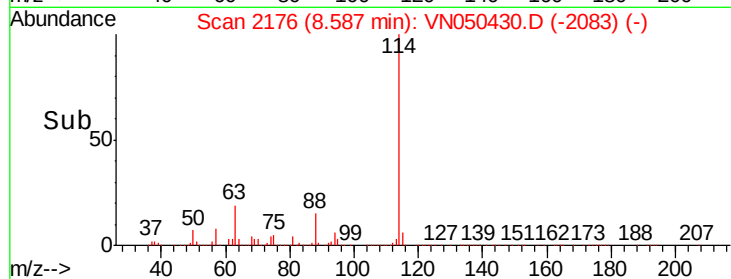
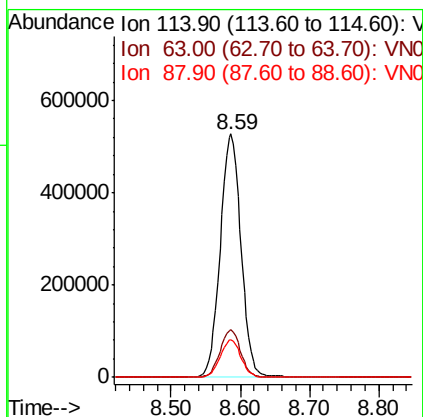
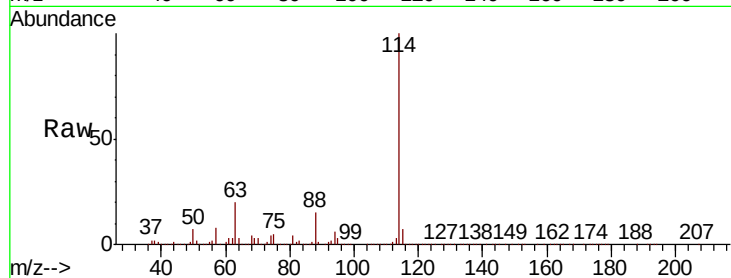




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050430.D
 Acq: 7 Aug 2018 14:36

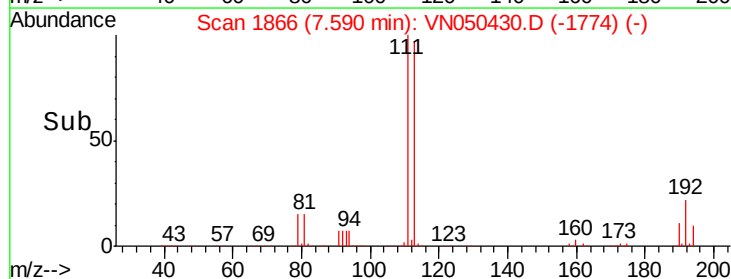
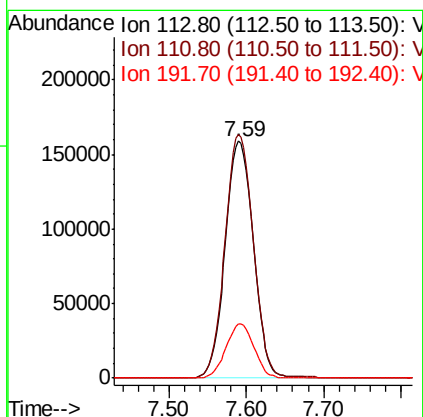
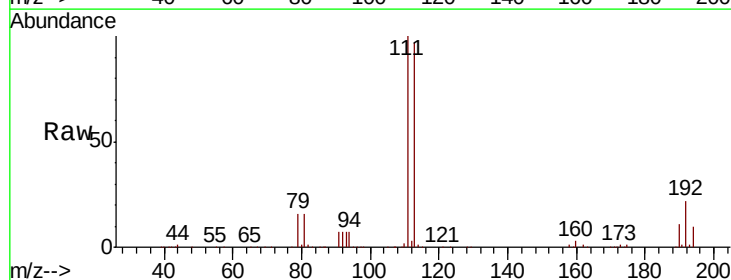
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

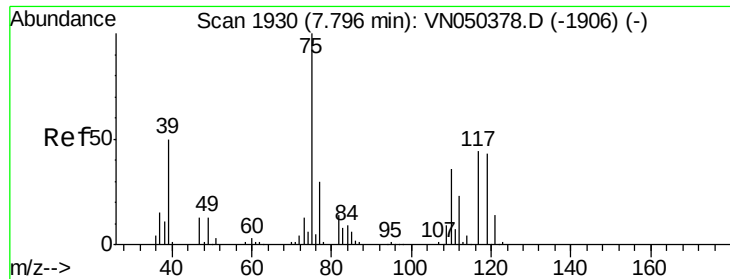
Tot Ion:114 Resp: 1097581
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.3 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 45.73 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050430.D
 Acq: 7 Aug 2018 14:36

Tgt Ion:113 Resp: 402774
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.7 121.1
 192 22.6 17.8 26.6





#36

1,1-Dichloropropene

Concen: 3.94 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.13 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampled :

TP-7

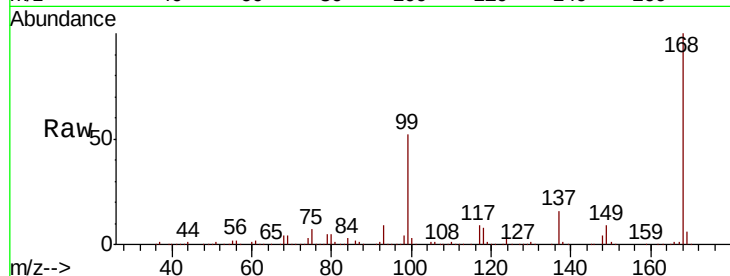
Tot Ion: 75 Resp: 47537

Ion Ratio Lower Upper

75 100

110 9.7 18.4 55.2#

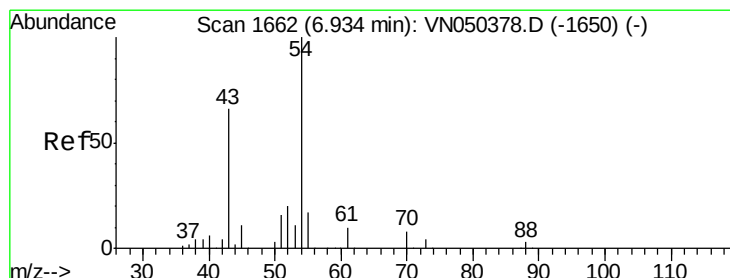
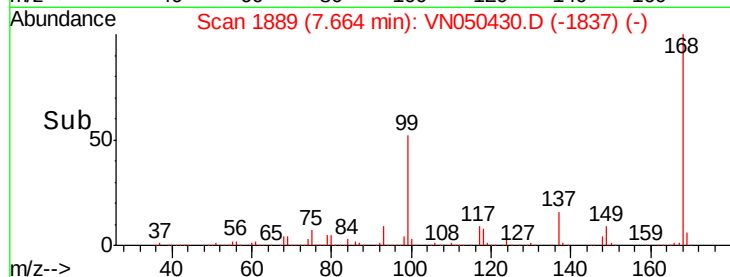
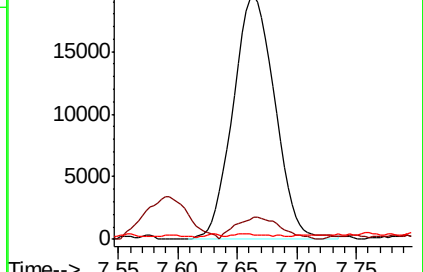
77 0.6 25.3 37.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 0.22 ug/l

RT: 6.93 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

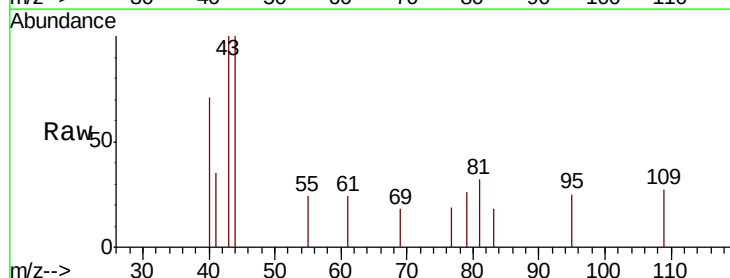
Tgt Ion: 43 Resp: 1892

Ion Ratio Lower Upper

43 100

61 6.0 11.8 17.8#

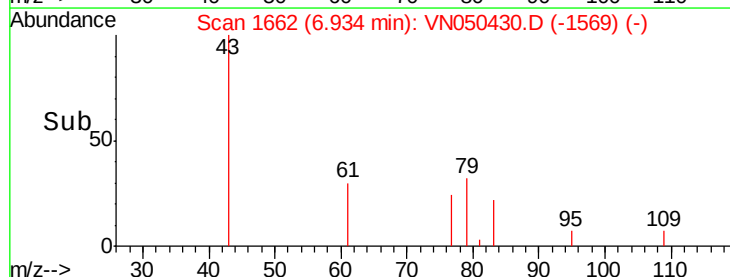
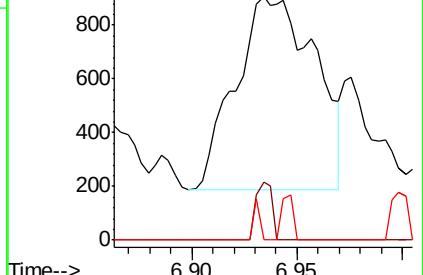
70 1.6 8.4 12.6#

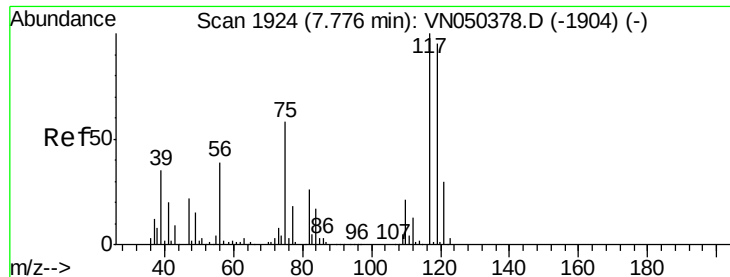


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 5.04 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.11 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampled :

TP-7

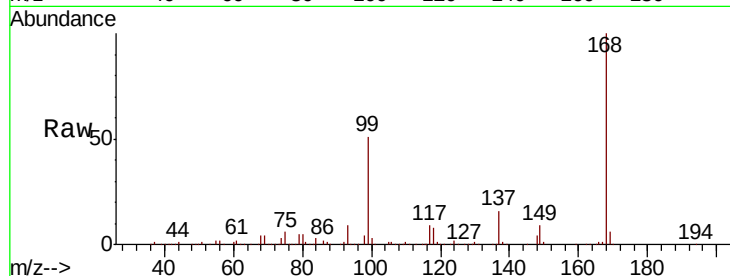
Tot Ion:117 Resp: 63418

Ion Ratio Lower Upper

117 100

119 6.3 77.4 116.0#

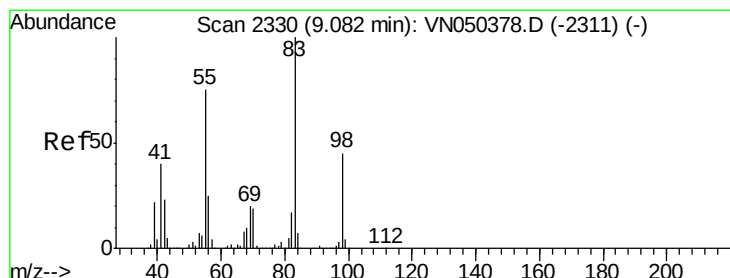
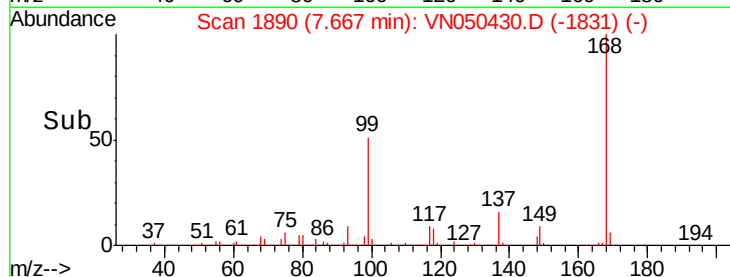
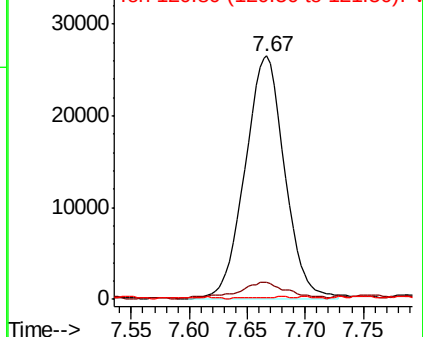
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.92 ug/l

RT: 9.08 min Scan# 2329

Delta R.T. -0.00 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

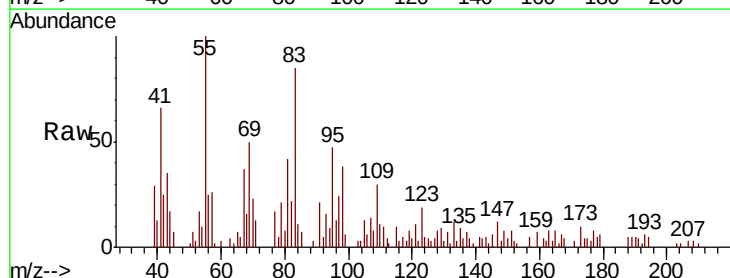
Tgt Ion: 83 Resp: 12127

Ion Ratio Lower Upper

83 100

55 83.4 61.8 92.8

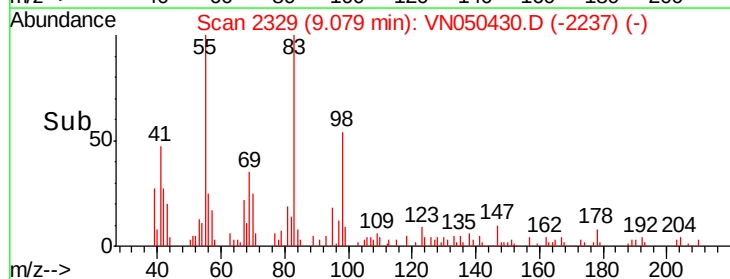
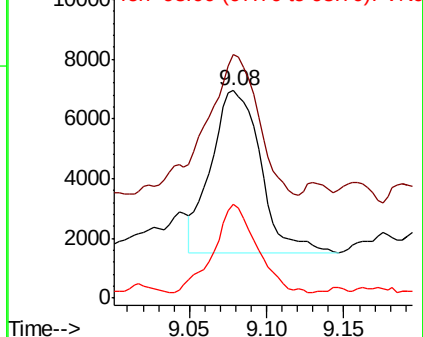
98 50.7 36.5 54.7

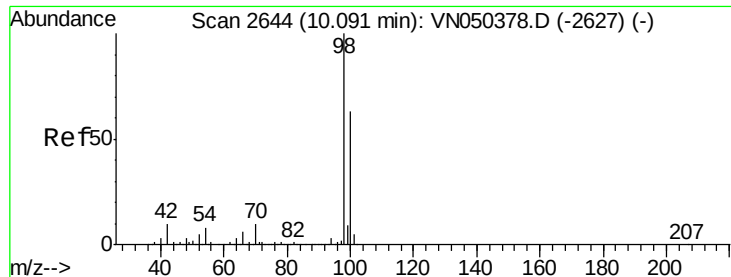


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

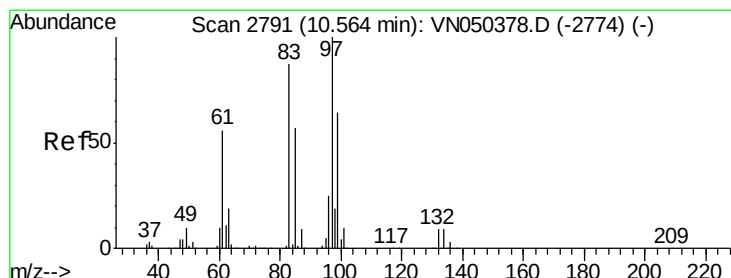
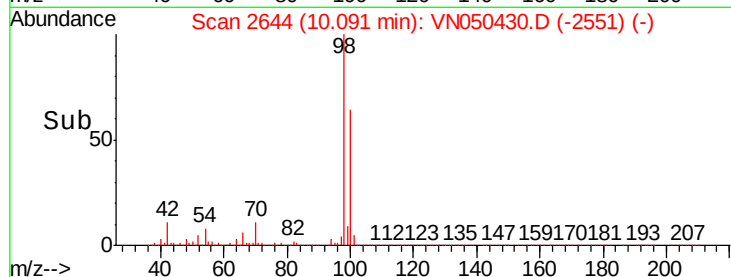
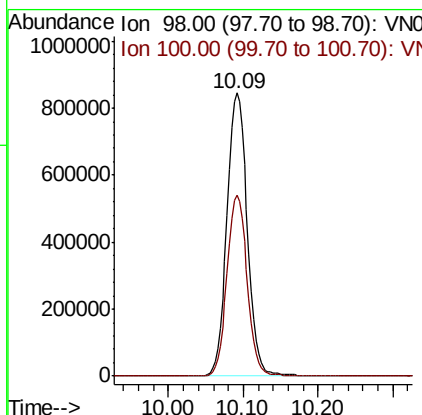
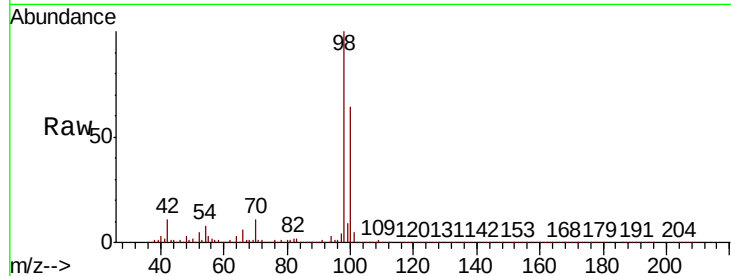




#50
Toluene-d8
Concen: 47.78 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050430.D
Acq: 7 Aug 2018 14:36

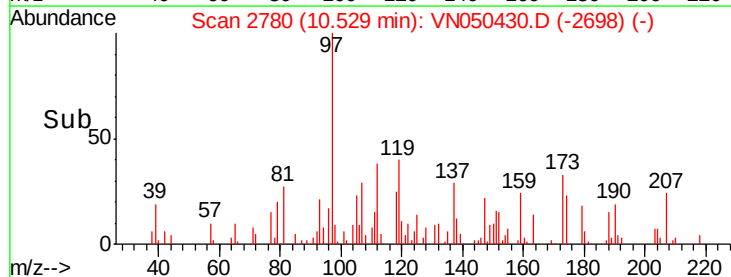
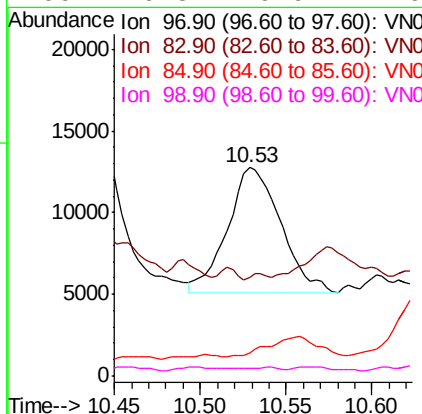
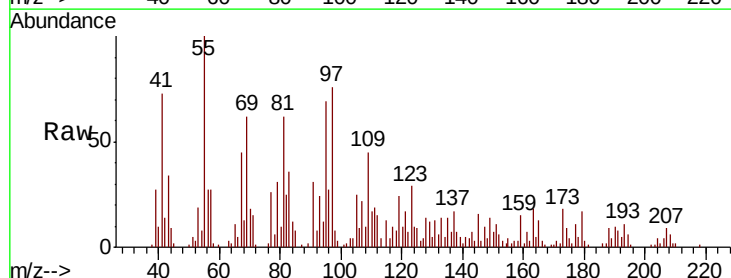
Instrument :
MSVOA_N
ClientSampled :
TP-7

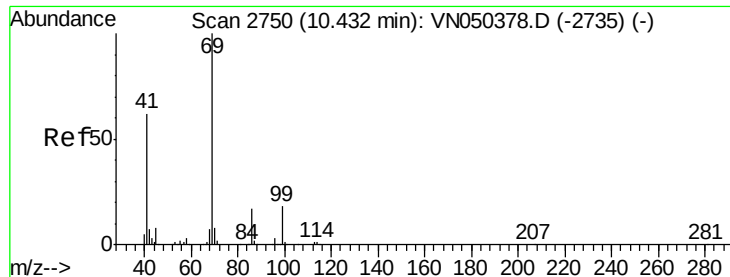
Tot Ion: 98 Resp: 1582053
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1



#55
1,1,2-Trichloroethane
Concen: 1.88 ug/l
RT: 10.53 min Scan# 2780
Delta R.T. -0.04 min
Lab File: VN050430.D
Acq: 7 Aug 2018 14:36

Tgt Ion: 97 Resp: 16352
Ion Ratio Lower Upper
97 100
83 0.0 69.2 103.8#
85 3.4 44.0 66.0#
99 0.8 49.9 74.9#





#56

Ethyl methacrylate

Concen: 1.82 ug/l

RT: 10.42 min Scan# 2747

Delta R.T. -0.01 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampled :

TP-7

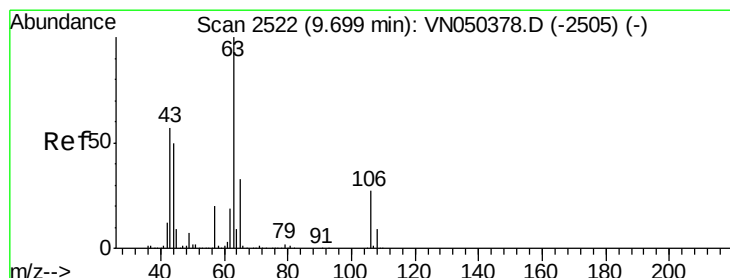
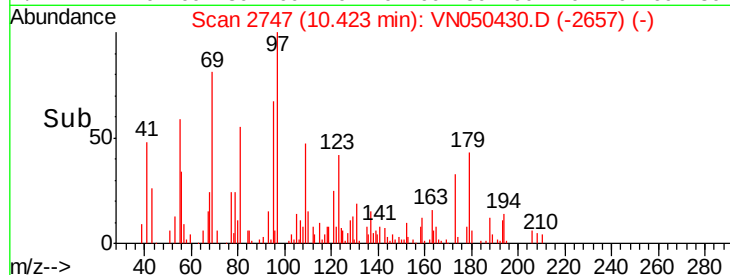
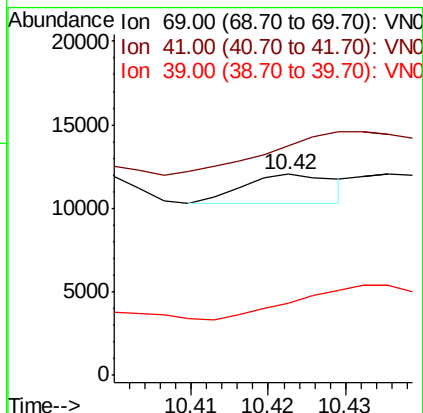
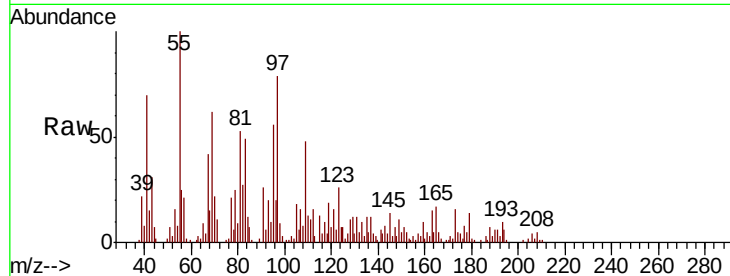
Tot Ion: 69 Resp: 1440

Ion Ratio Lower Upper

69 100

41 631.8 51.0 76.4#

39 279.9 26.6 40.0#



#58

2-Chloroethyl Vinyl ether

Concen: 7.43 ug/l

RT: 9.71 min Scan# 2525

Delta R.T. 0.01 min

Lab File: VN050430.D

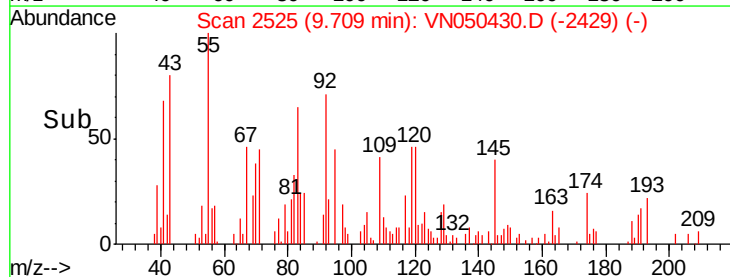
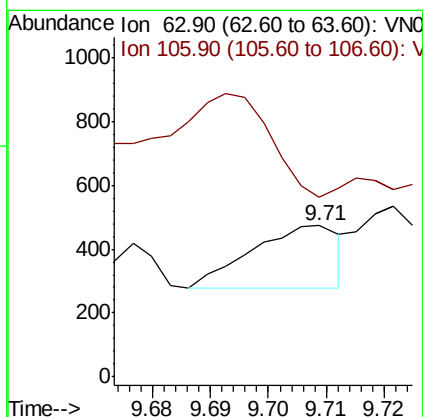
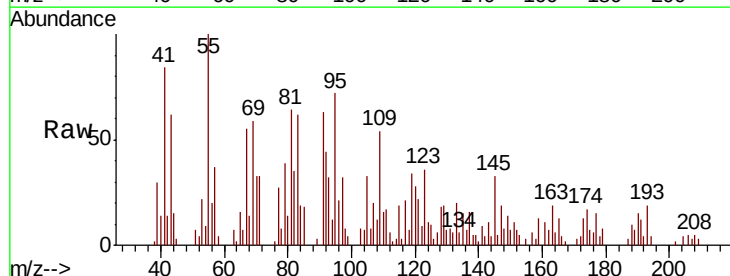
Acq: 7 Aug 2018 14:36

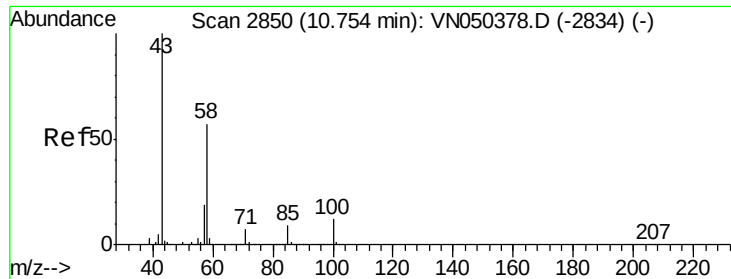
Tgt Ion: 63 Resp: 211

Ion Ratio Lower Upper

63 100

106 15.2 21.7 32.5#





#59

2-Hexanone

Concen: 5.05 ug/l

RT: 10.72 min Scan# 2839

Delta R.T. -0.04 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampled :

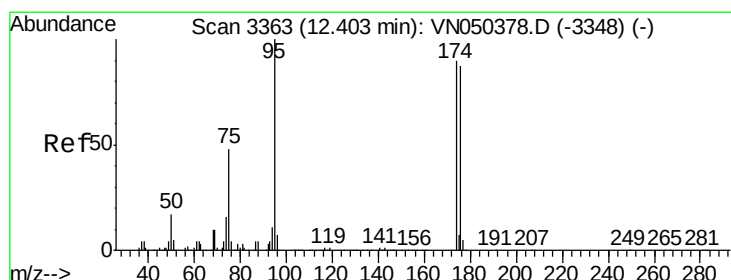
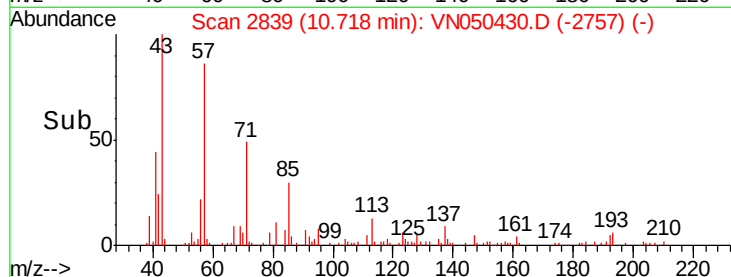
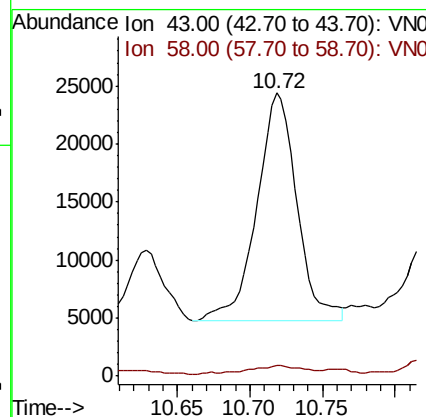
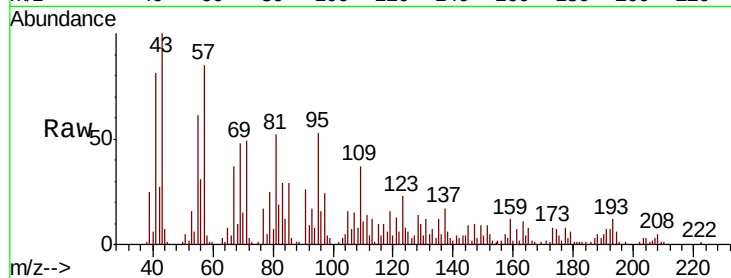
TP-7

Tot Ion: 43 Resp: 38019

Ion Ratio Lower Upper

43 100

58 4.7 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 45.54 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

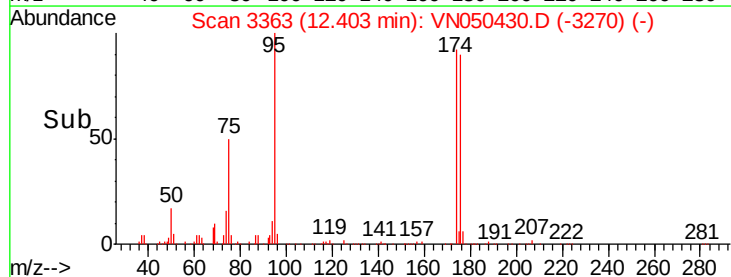
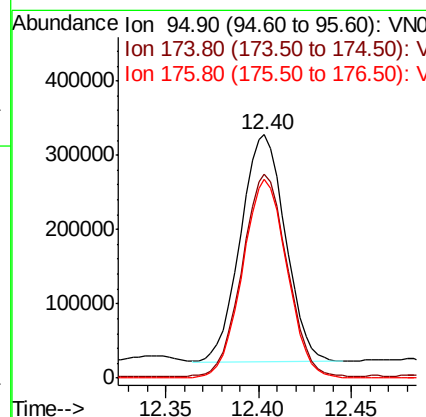
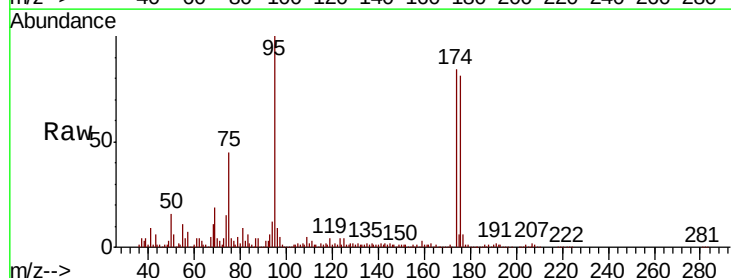
Tgt Ion: 95 Resp: 513888

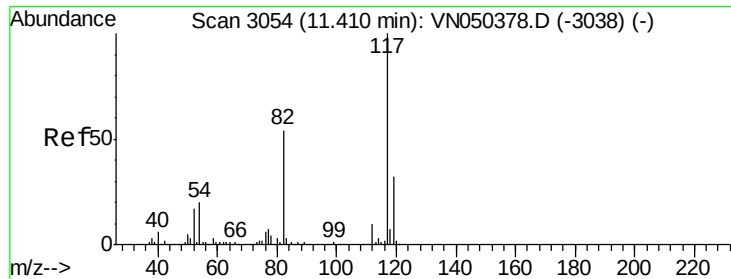
Ion Ratio Lower Upper

95 100

174 88.5 0.0 178.2

176 86.4 0.0 173.4

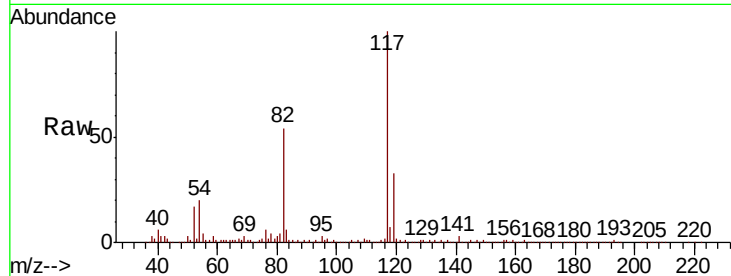




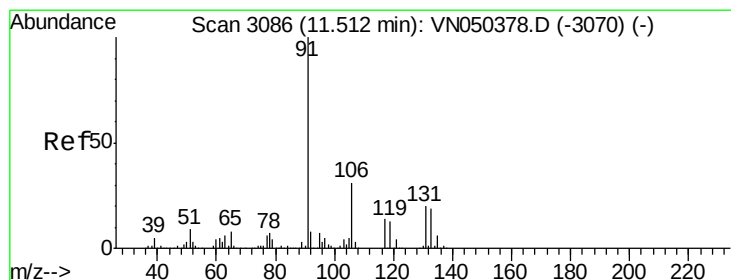
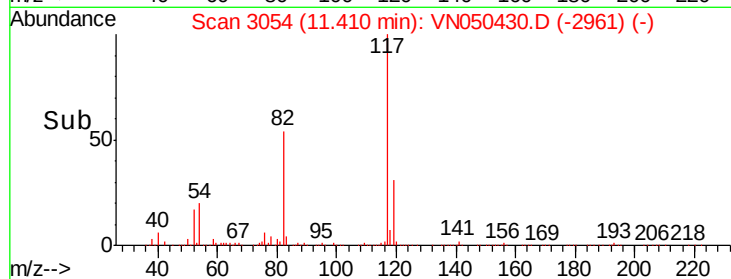
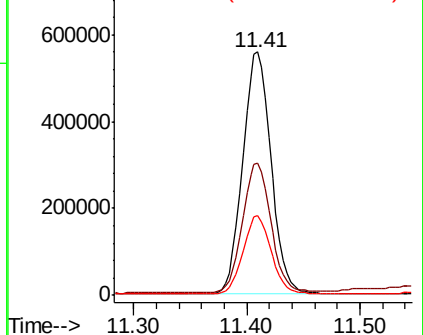
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050430.D
Acq: 7 Aug 2018 14:36

Instrument :
MSVOA_N
ClientSampleId :
TP-7

Tot Ion:117 Resp: 975946
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.2 26.1 39.1

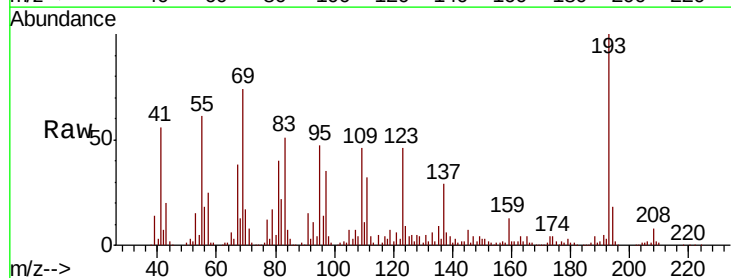


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

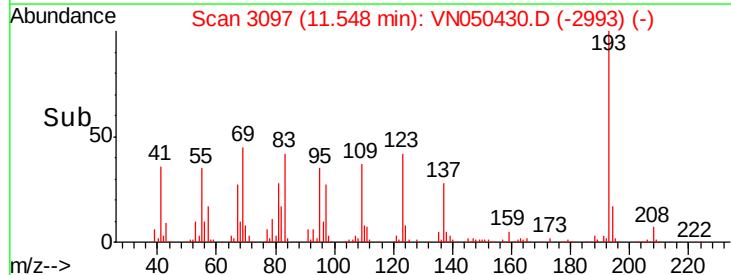
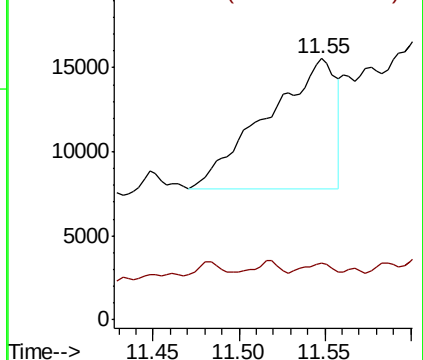


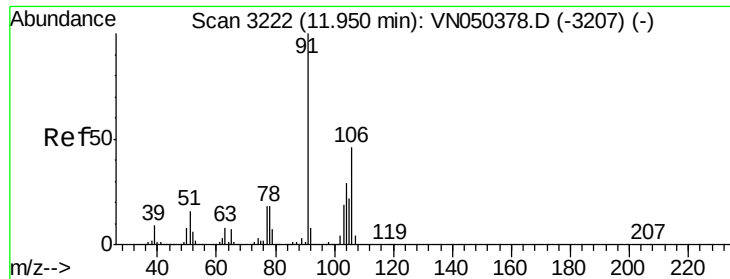
#67
Ethyl Benzene
Concen: 0.55 ug/l
RT: 11.55 min Scan# 3097
Delta R.T. 0.04 min
Lab File: VN050430.D
Acq: 7 Aug 2018 14:36

Tgt Ion: 91 Resp: 21612
Ion Ratio Lower Upper
91 100
106 9.0 25.0 37.4#



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

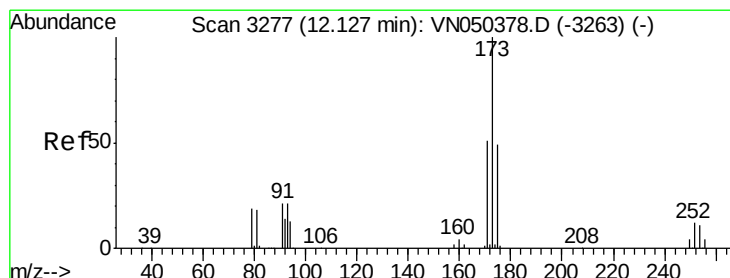
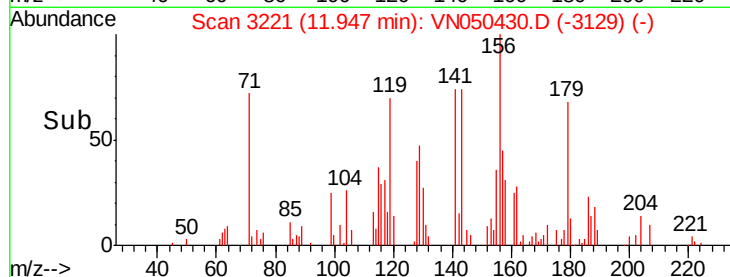
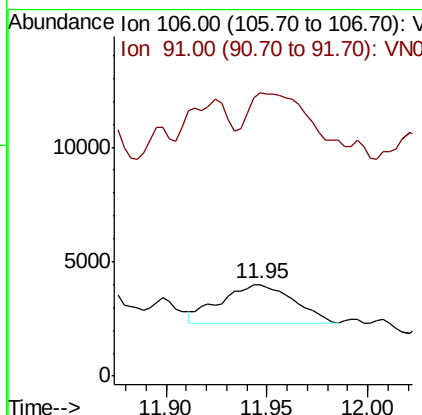
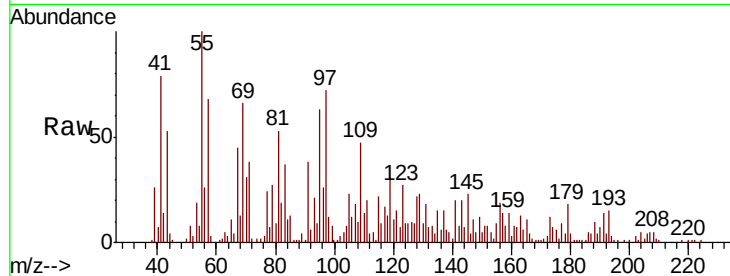




#69
o-Xylene
Concen: 0.29 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. -0.00 min
Lab File: VN050430.D
Acq: 7 Aug 2018 14:36

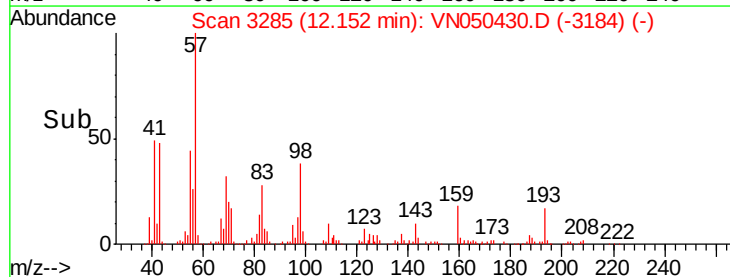
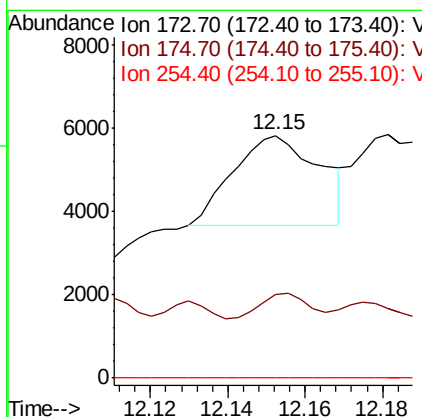
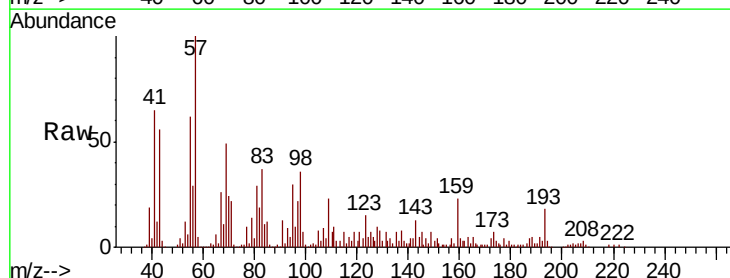
Instrument :
MSVOA_N
ClientSampled :
TP-7

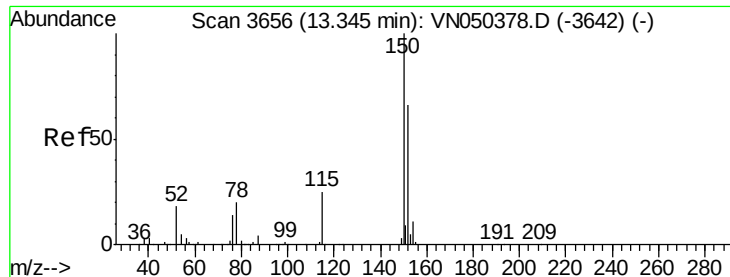
Tot Ion:106 Resp: 4177
Ion Ratio Lower Upper
106 100
91 158.9 107.7 323.1



#71
Bromoform
Concen: 0.52 ug/l
RT: 12.15 min Scan# 3285
Delta R.T. 0.03 min
Lab File: VN050430.D
Acq: 7 Aug 2018 14:36

Tgt Ion:173 Resp: 3369
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

TP-7

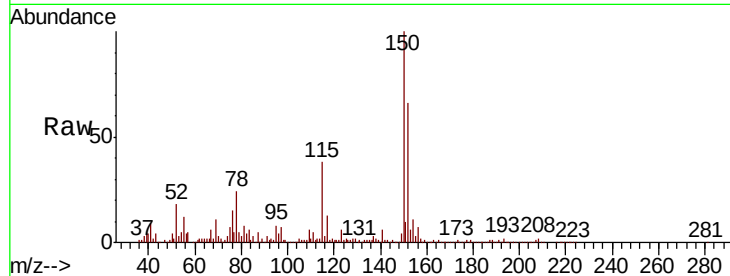
Tot Ion:152 Resp: 514007

Ion Ratio Lower Upper

152 100

115 58.7 27.8 83.3

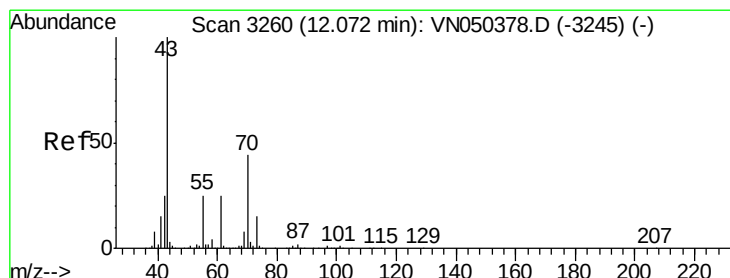
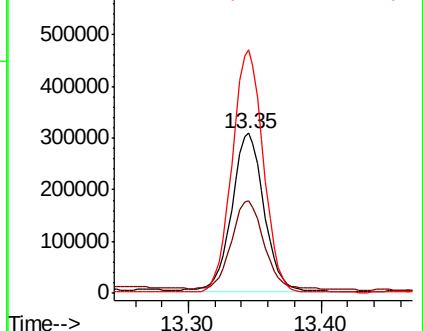
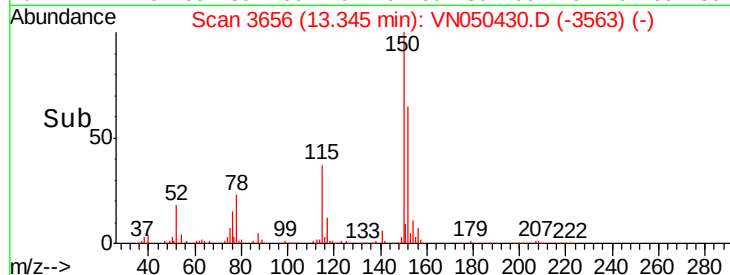
150 148.3 0.0 348.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 4.90 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. -0.03 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

Tgt Ion: 43 Resp: 61320

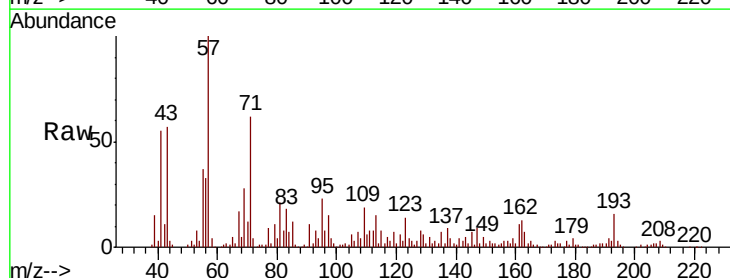
Ion Ratio Lower Upper

43 100

70 15.1 34.4 51.6#

55 8.3 20.8 31.2#

61 0.4 19.7 29.5#

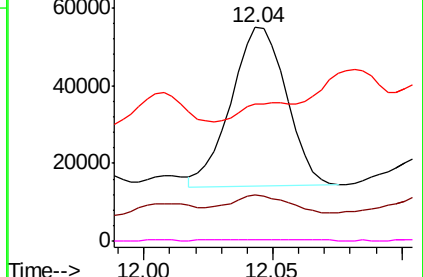
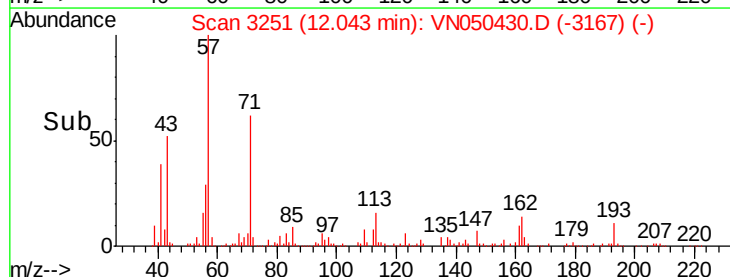


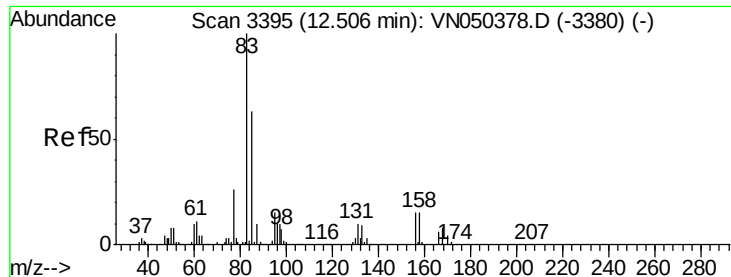
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 0.23 ug/l

RT: 12.46 min Scan# 3381

Delta R.T. -0.04 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampled :

TP-7

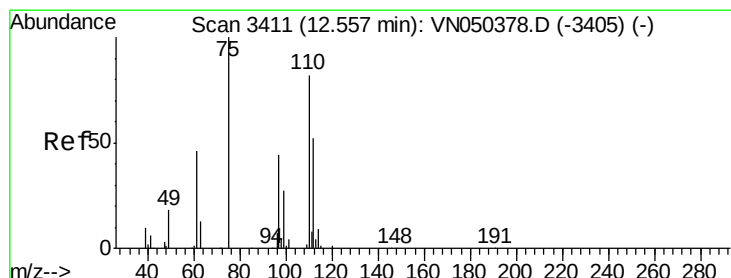
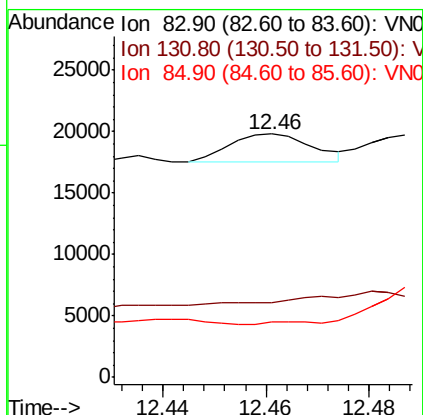
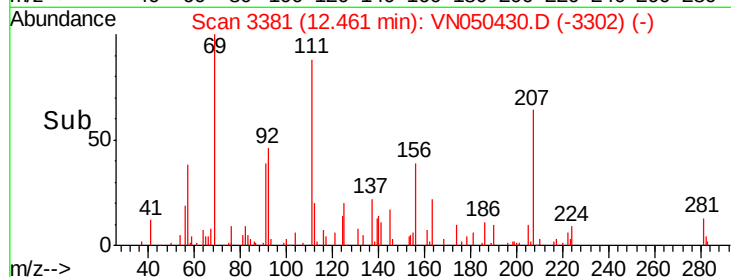
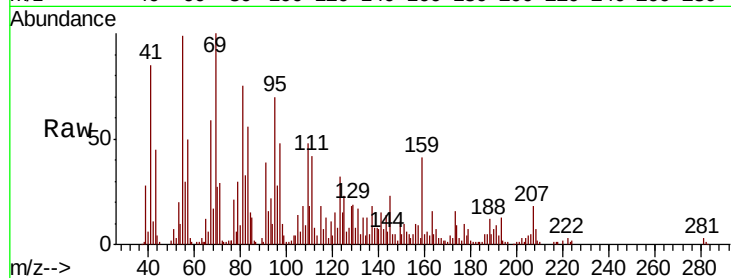
Tot Ion: 83 Resp: 2552

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 0.0 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 26.07 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050430.D

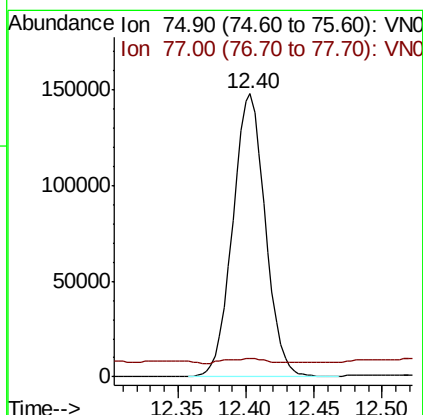
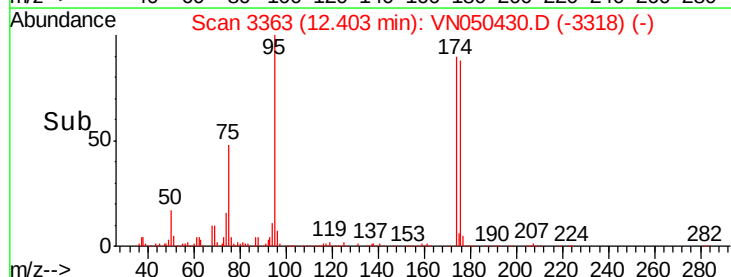
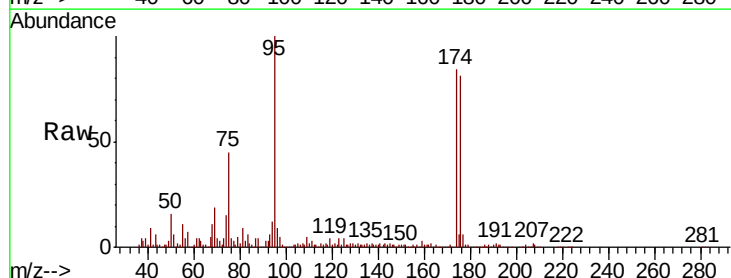
Acq: 7 Aug 2018 14:36

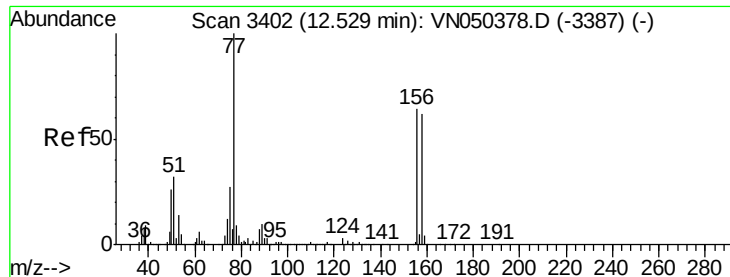
Tgt Ion: 75 Resp: 242599

Ion Ratio Lower Upper

75 100

77 2.5 0.0 0.0#





#77

Bromobenzene

Concen: 21.86 ug/l

RT: 12.56 min Scan# 3412

Delta R.T. 0.03 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

TP-7

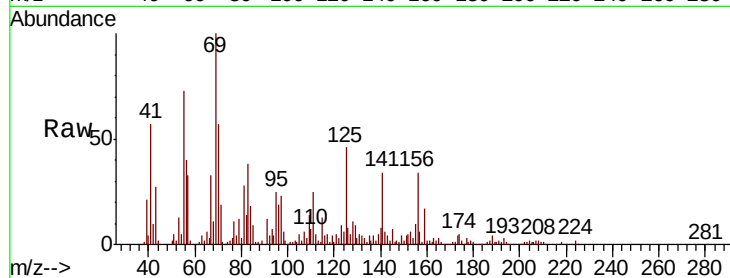
Tot Ion:156 Resp: 225994

Ion Ratio Lower Upper

156 100

77 3.0 91.7 275.1#

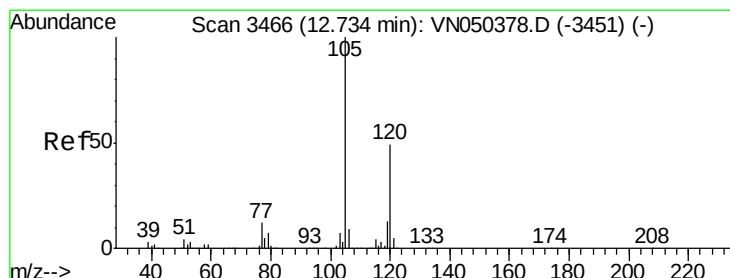
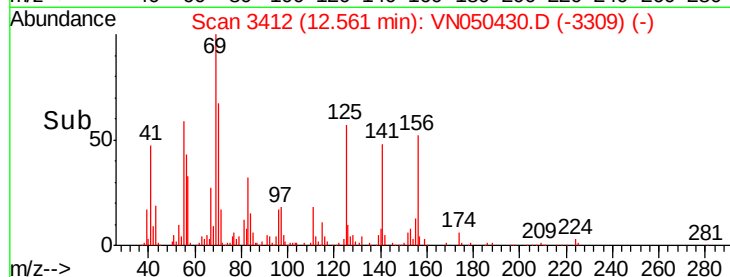
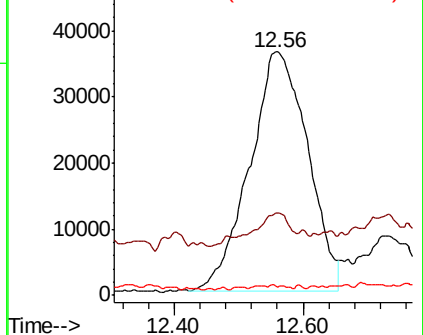
158 0.1 48.9 146.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.21 ug/l

RT: 12.66 min Scan# 3443

Delta R.T. -0.07 min

Lab File: VN050430.D

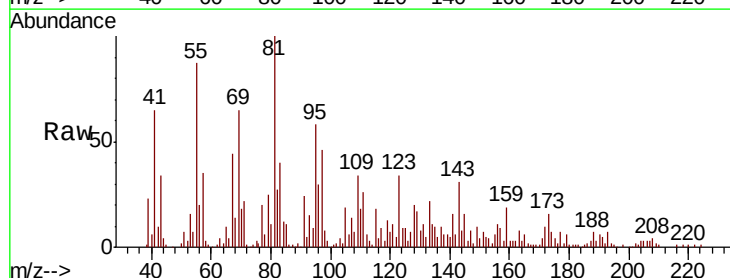
Acq: 7 Aug 2018 14:36

Tgt Ion:105 Resp: 6475

Ion Ratio Lower Upper

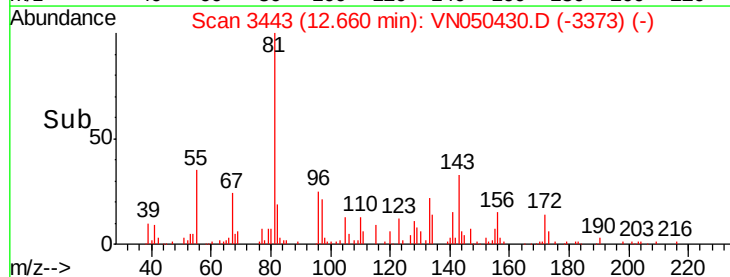
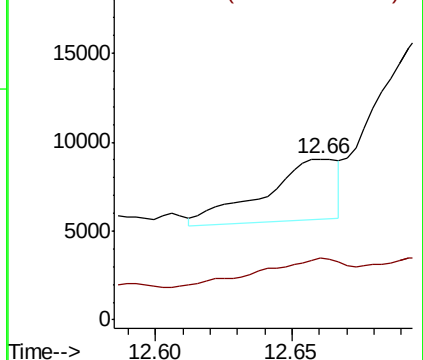
105 100

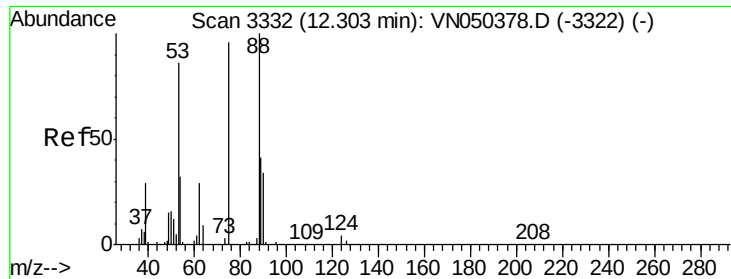
120 57.1 24.4 73.2



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: 91.61 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

TP-7

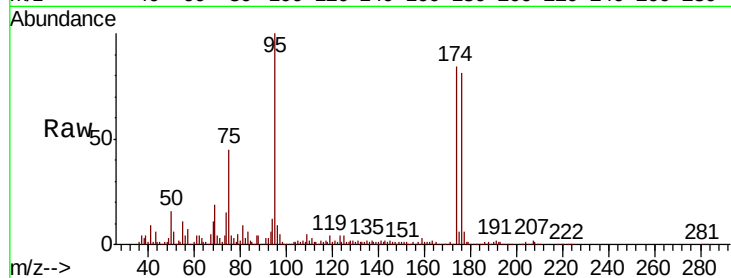
Tot Ion: 75 Resp: 242599

Ion Ratio Lower Upper

75 100

53 0.9 73.5 110.3#

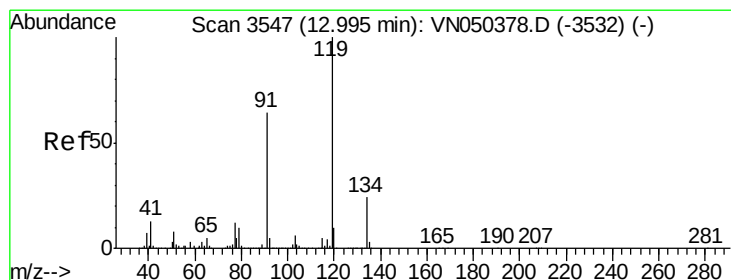
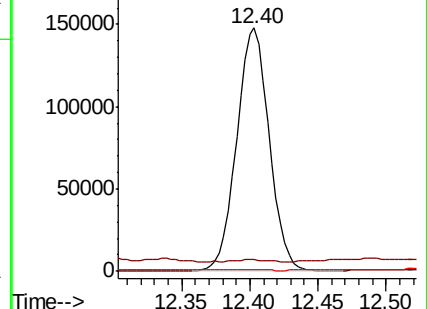
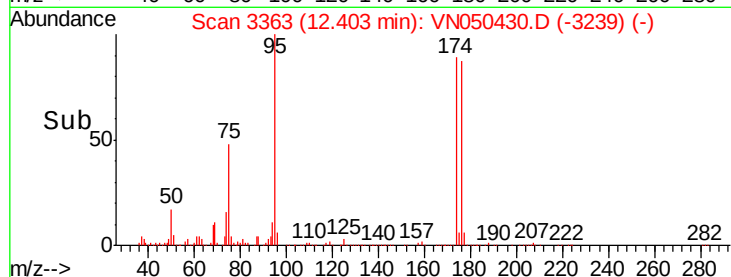
89 0.2 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: 0.23 ug/l

RT: 12.99 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

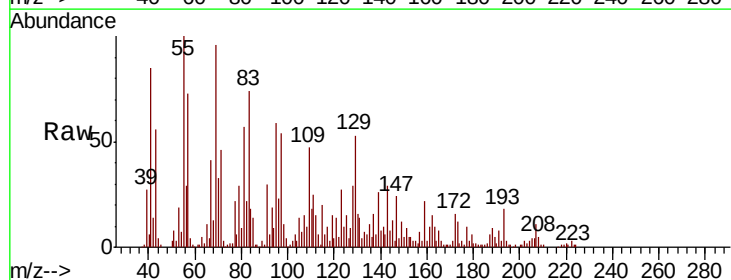
Tgt Ion: 119 Resp: 6411

Ion Ratio Lower Upper

119 100

91 38.5 32.1 96.3

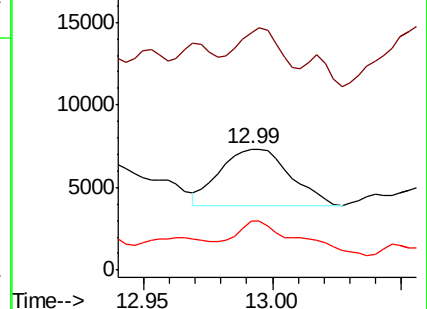
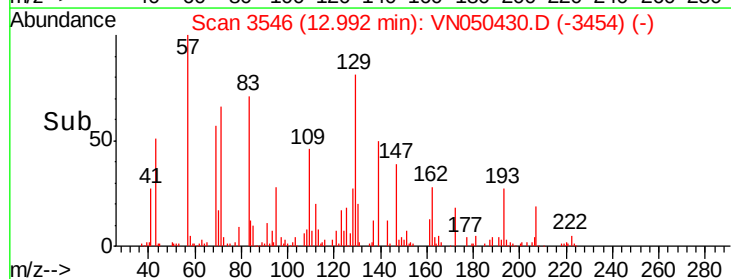
134 52.8 13.2 39.5#

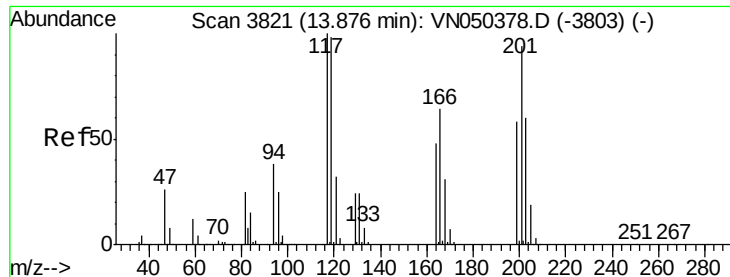


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.28 ug/l

RT: 13.88 min Scan# 3822

Delta R.T. 0.00 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

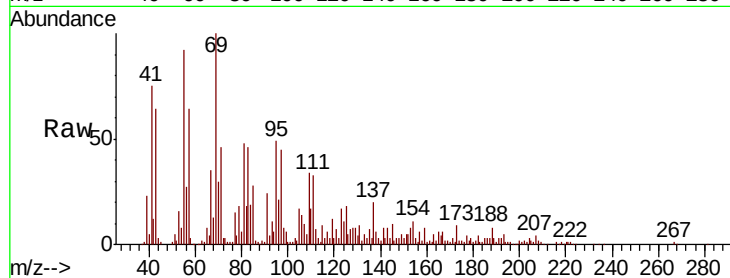
TP-7

Tot Ion:117 Resp: 1532

Ion Ratio Lower Upper

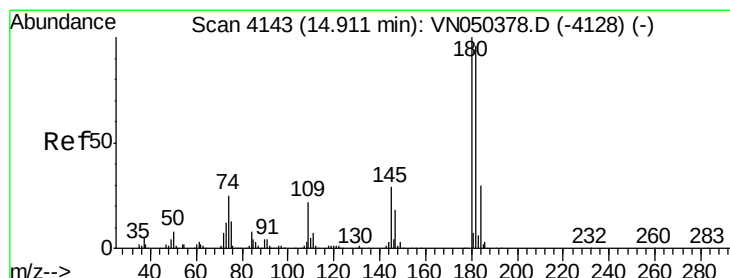
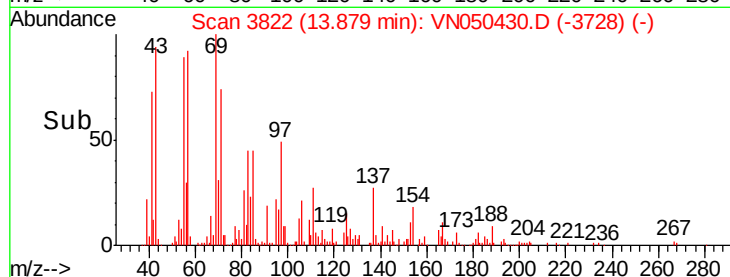
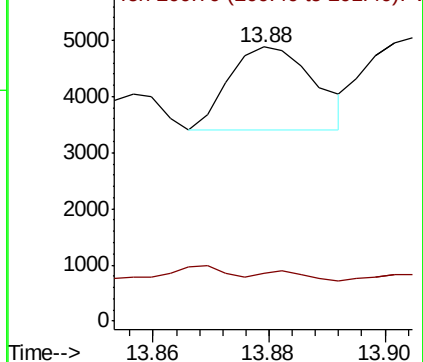
117 100

201 21.1 45.6 136.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 0.36 ug/l

RT: 14.91 min Scan# 4142

Delta R.T. -0.00 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

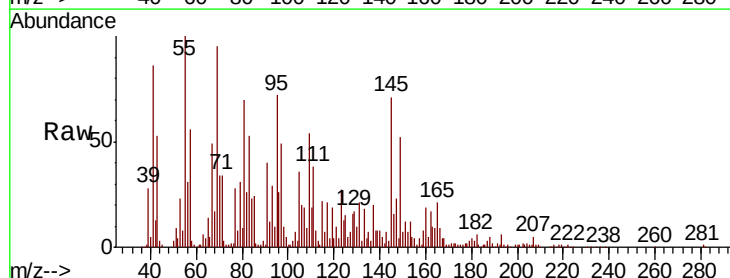
Tgt Ion:180 Resp: 3377

Ion Ratio Lower Upper

180 100

182 310.0 46.7 140.1#

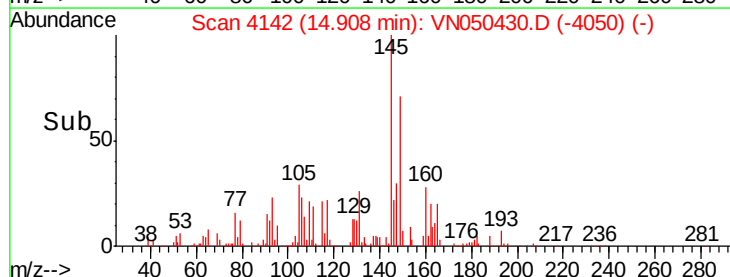
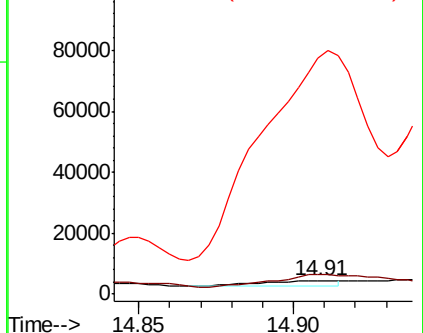
145 5717.9 13.8 41.4#

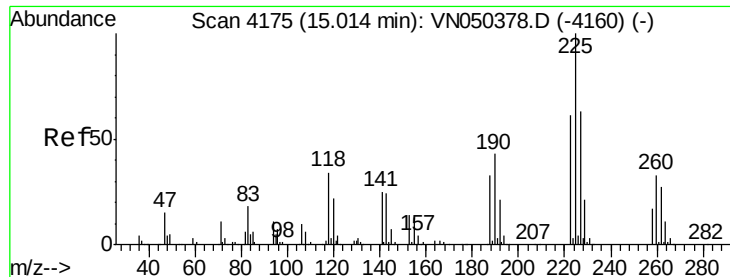


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.02 min Scan# 4177

Delta R.T. 0.01 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

Instrument :

MSVOA_N

ClientSampleId :

TP-7

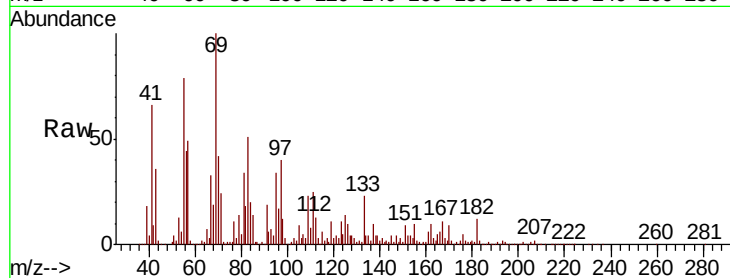
Tot Ion:225 Resp: 34

Ion Ratio Lower Upper

225 100

223 1650.0 31.4 94.2#

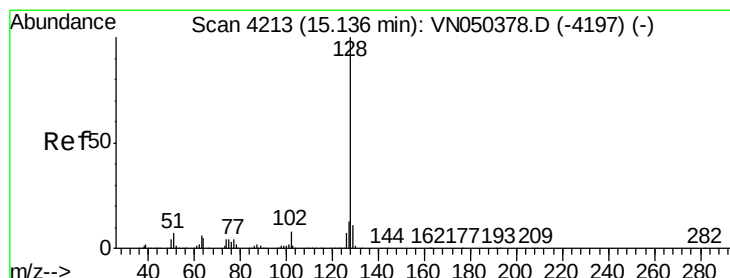
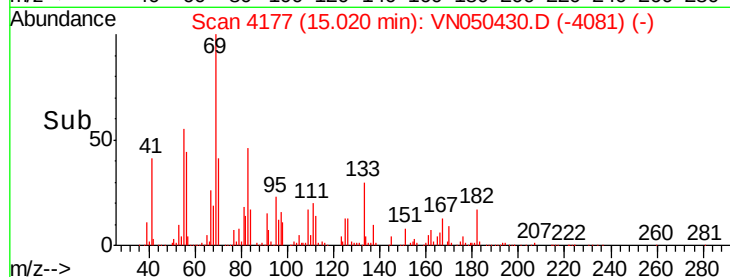
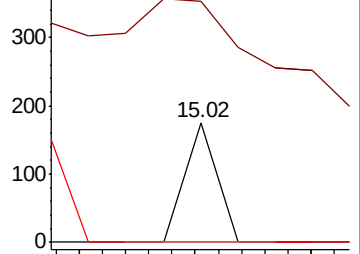
227 182.4 32.1 96.5#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 4.42 ug/l

RT: 15.11 min Scan# 4205

Delta R.T. -0.03 min

Lab File: VN050430.D

Acq: 7 Aug 2018 14:36

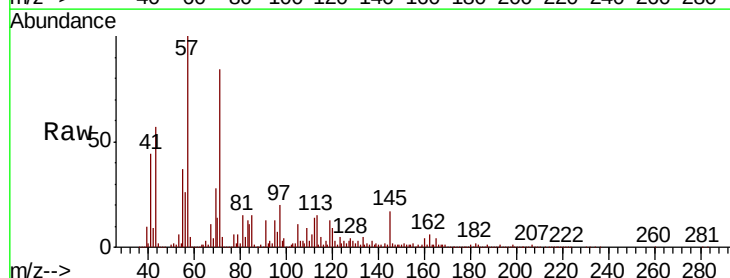
Tgt Ion:128 Resp: 21513

Ion Ratio Lower Upper

128 100

127 98.7 10.4 15.6#

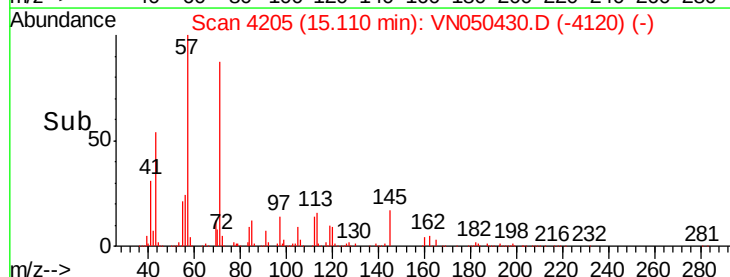
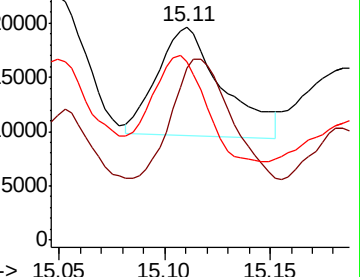
129 86.1 8.8 13.2#

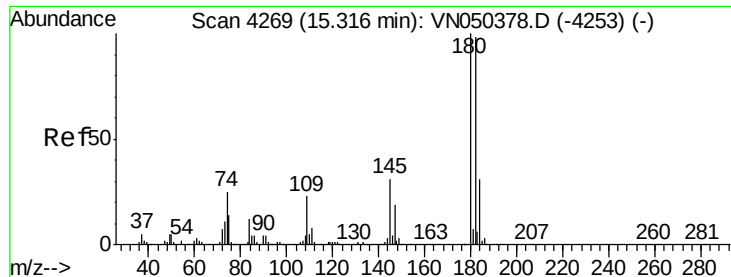


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.78 ug/l
 RT: 15.29 min Scan# 4260
 Delta R.T. -0.03 min
 Lab File: VN050430.D
 Acq: 7 Aug 2018 14:36

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Tot Ion	Ratio	Lower	Upper
180	100		
182	31.3	48.1	144.4#
145	773.7	15.3	45.9#

