

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050066.D
 Acq On : 26 Jul 2018 1:08
 Operator : MD\SY
 Sample : J3821-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-072418-A

Quant Time: Jul 26 06:59:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	628818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1046110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	877685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	332143	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	448525	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
35) Dibromofluoromethane	7.59	113	396362	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
50) Toluene-d8	10.09	98	1420654	45.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.48%	
62) 4-Bromofluorobenzene	12.40	95	386929	37.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.84%	

Target Compounds

						Qvalue
5) Bromomethane	2.56	94	441	Below Cal	#	65
13) Acrolein	3.61	56	104	0.20	ug/l #	15
14) Allyl chloride	4.55	41	56535	5.03	ug/l #	25
16) Acetone	3.82	43	77761	33.87	ug/l	99
18) Methyl Acetate	4.34	43	25830	1.64	ug/l	98
20) Methylene Chloride	4.55	84	1637293	214.61	ug/l	99
25) 2-Butanone	6.85	43	6307	1.88	ug/l	93
29) Tetrahydrofuran	7.22	42	956	0.44	ug/l #	72
30) Chloroform	7.38	83	6836	0.46	ug/l	95
31) Cyclohexane	7.67	56	11703	0.90	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	45387	3.85	ug/l #	43
37) Ethyl Acetate	6.85	43	6307	0.77	ug/l #	67
38) Carbon Tetrachloride	7.67	117	57733	4.62	ug/l #	16
41) Methacrylonitrile	7.21	41	316	2.82	ug/l #	26
43) Isopropyl Acetate	8.17	43	308456	19.22	ug/l #	91
48) Methyl methacrylate	9.18	41	7739	1.09	ug/l #	24
51) 4-Methyl-2-Pentanone	9.99	43	3557	0.44	ug/l #	85
56) Ethyl methacrylate	10.27	69	122	2.04	ug/l #	1
59) 2-Hexanone	10.77	43	18148	8.17	ug/l #	52
68) m/p-Xylenes	11.62	106	3513	0.26	ug/l	97
69) o-Xylene	11.95	106	3793	0.30	ug/l	100
70) Styrene	11.96	104	510	0.94	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	220	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	192446	31.18	ug/l #	100
77) Bromobenzene	12.56	156	20933	2.93	ug/l #	1
78) n-propylbenzene	12.59	91	6238	0.22	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	16671	0.82	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	192446	98.89	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	24532	1.20	ug/l	100
90) Hexachloroethane	13.89	117	2339	0.53	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.26	75	162	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.92	180	435	3.15	ug/l #	1
95) Naphthalene	15.14	128	208081	16.92	ug/l	99
96) 1,2,3-Trichlorobenzene	15.33	180	69	2.22	ug/l #	12

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QLast Update : Tue Jul 24 06:27:04 2018
Response via : Initial Calibration

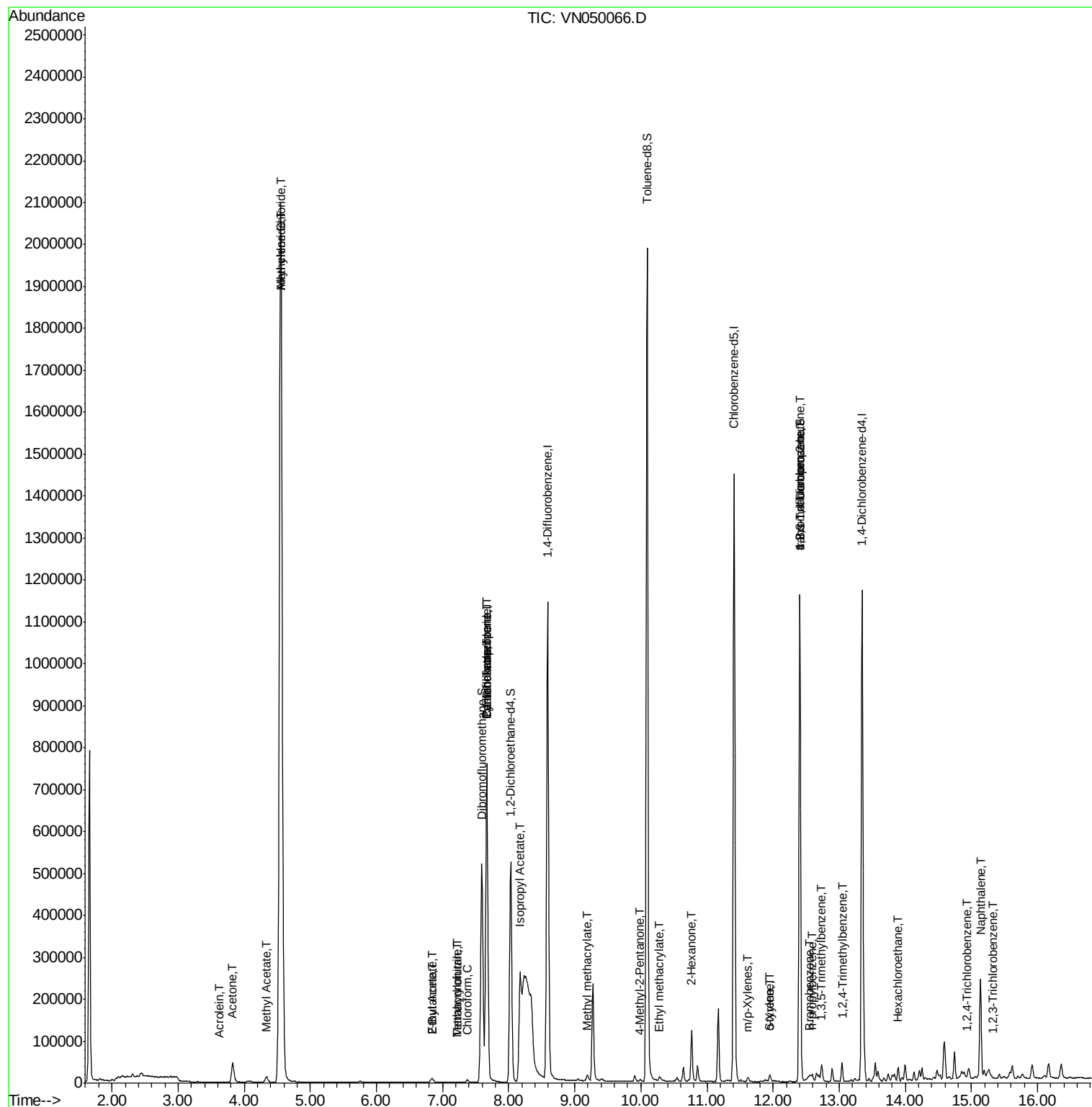
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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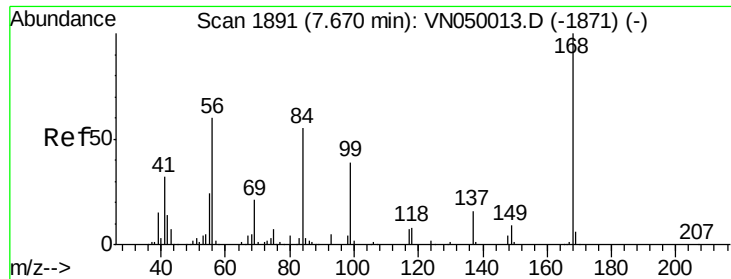
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050066.D

Acq: 26 Jul 2018 1:08

Instrument :

MSVOA_N

ClientSampleId :

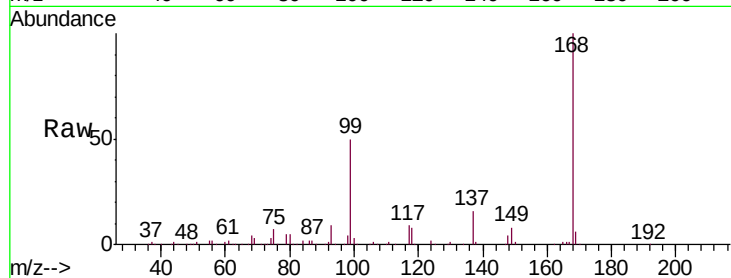
HR-06-072418-A

Tot Ion:168 Resp: 628818

Ion Ratio Lower Upper

168 100

99 49.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

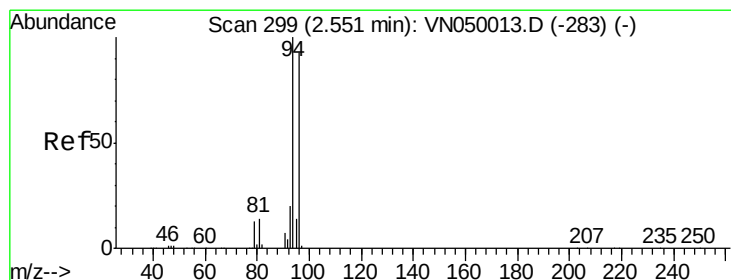
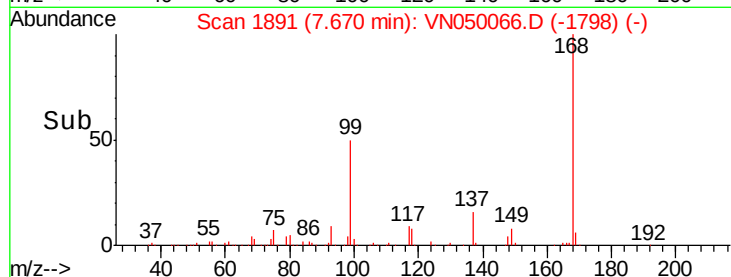
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 303

Delta R.T. 0.01 min

Lab File: VN050066.D

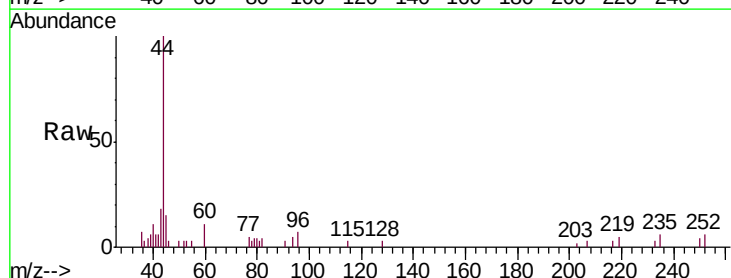
Acq: 26 Jul 2018 1:08

Tgt Ion: 94 Resp: 441

Ion Ratio Lower Upper

94 100

96 127.0 74.6 112.0#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.56

500

400

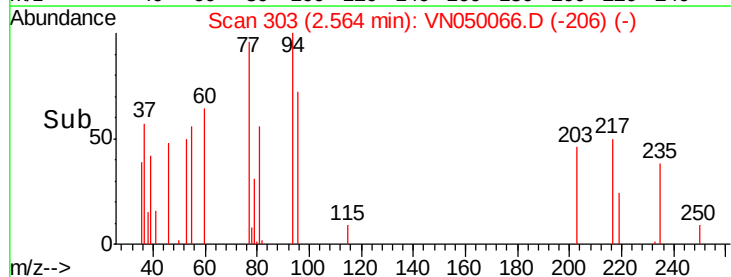
300

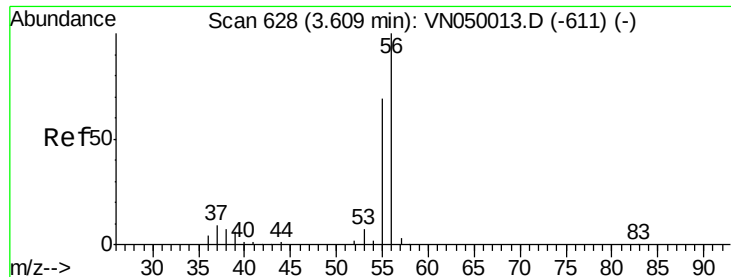
200

100

0

Time-->





#13

Acrolein

Concen: 0.20 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

Instrument :

MSVOA_N

ClientSampleId :

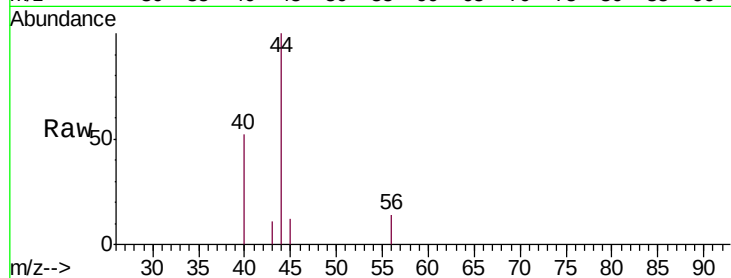
HR-06-072418-A

Tot Ion: 56 Resp: 104

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

200

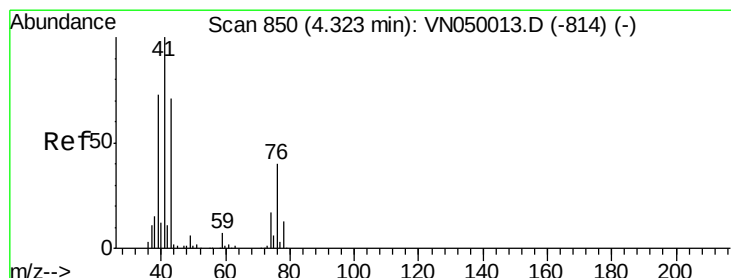
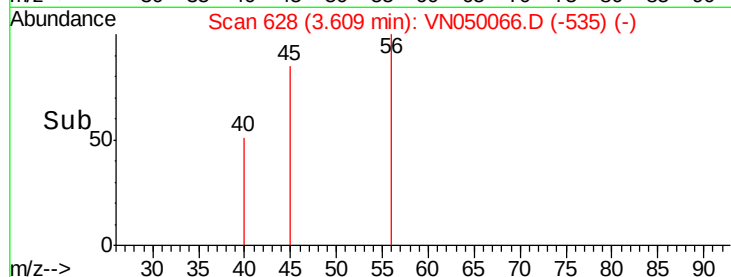
150

100

50

0

Time--> 3.59 3.60 3.61 3.62



#14

Allyl chloride

Concen: 5.03 ug/l

RT: 4.55 min Scan# 920

Delta R.T. 0.23 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

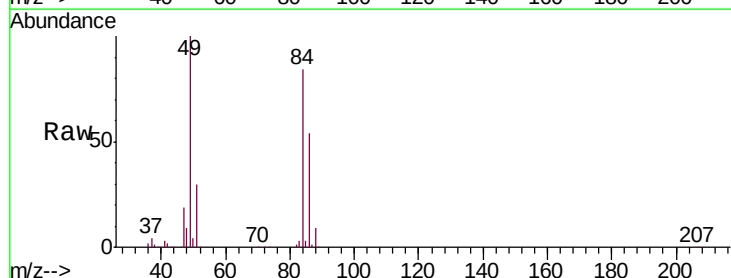
Tgt Ion: 41 Resp: 56535

Ion Ratio Lower Upper

41 100

39 1.0 54.2 81.4#

76 0.0 29.0 43.6#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

25000

20000

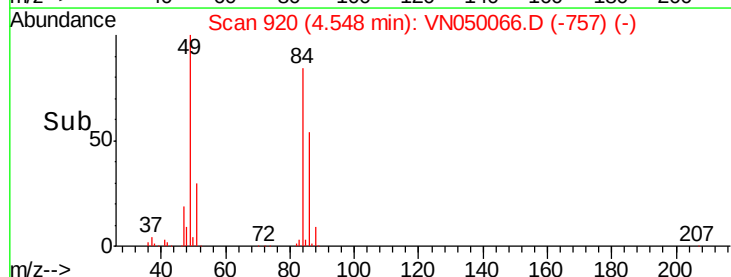
15000

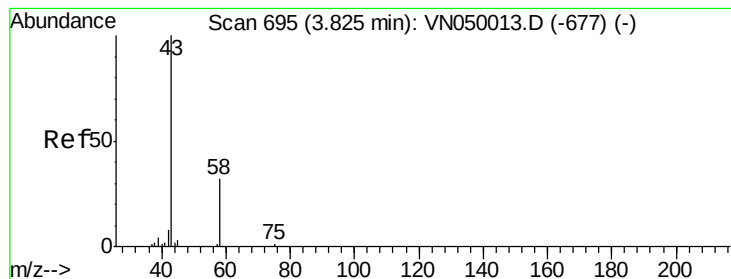
10000

5000

0

Time--> 4.45 4.50 4.55 4.60 4.65





#16

Acetone

Concen: 33.87 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

Instrument :

MSVOA_N

ClientSampleId :

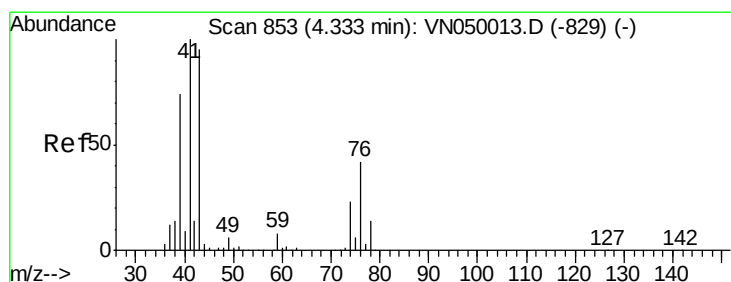
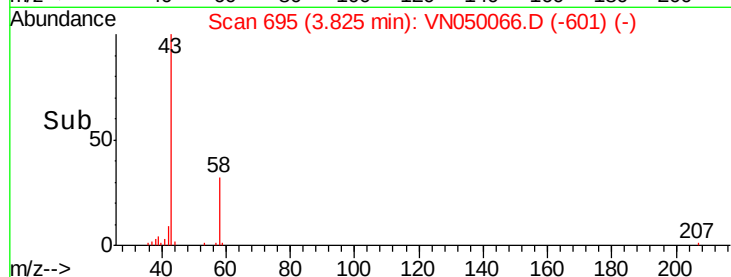
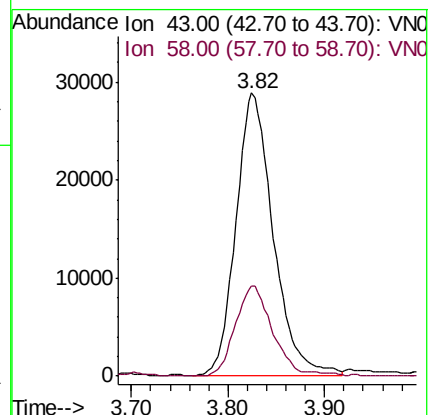
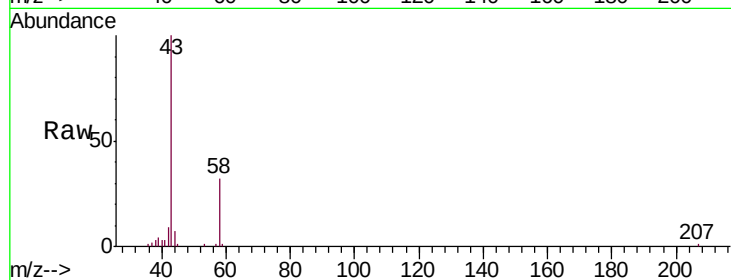
HR-06-072418-A

Tot Ion: 43 Resp: 77761

Ion Ratio Lower Upper

43 100

58 31.8 25.8 38.8



#18

Methyl Acetate

Concen: 1.64 ug/l

RT: 4.34 min Scan# 855

Delta R.T. 0.01 min

Lab File: VN050066.D

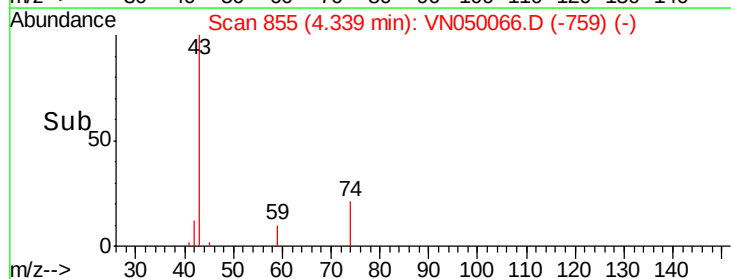
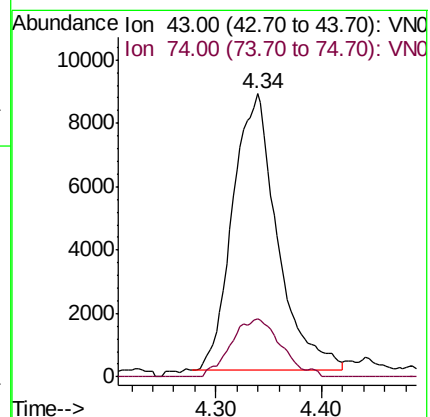
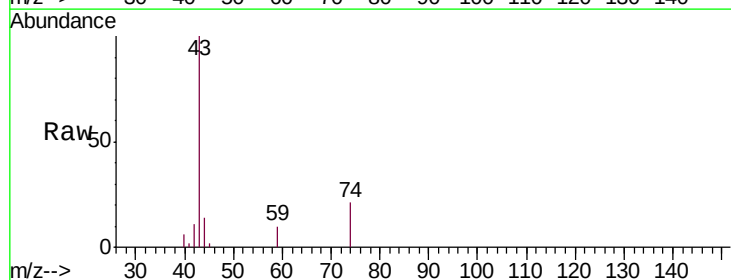
Acq: 26 Jul 2018 1:08

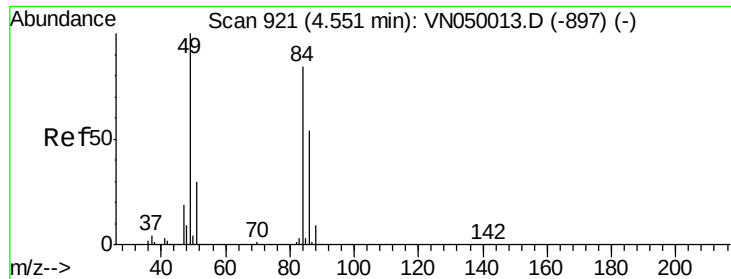
Tgt Ion: 43 Resp: 25830

Ion Ratio Lower Upper

43 100

74 22.9 19.2 28.8



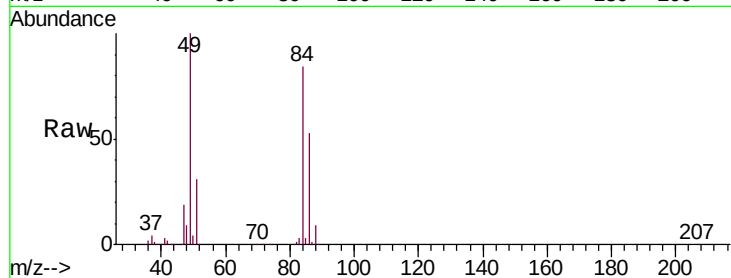


#20
Methvlene Chloride
Concen: 214.61 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050066.D
Acq: 26 Jul 2018 1:08

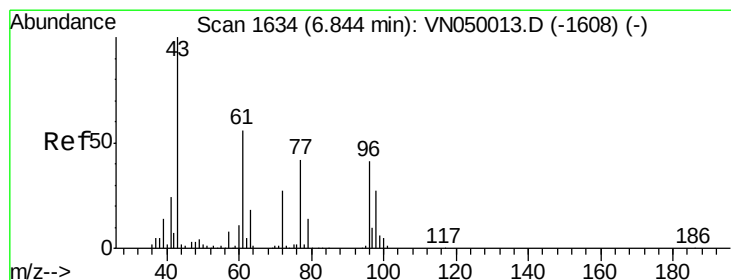
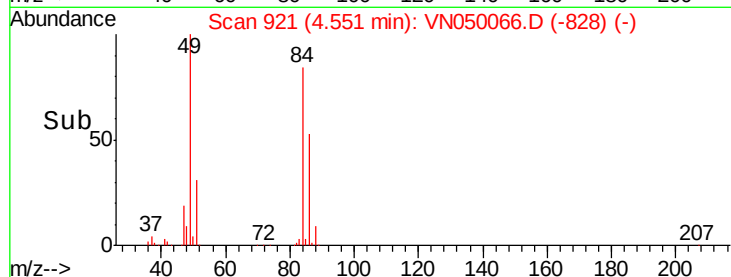
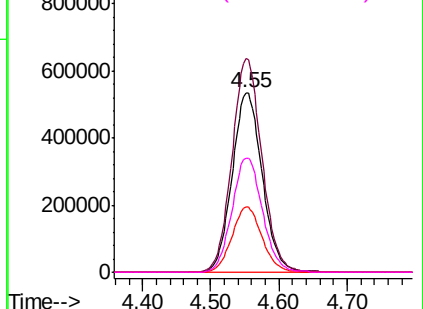
Instrument :
MSVOA_N
ClientSampleId :
HR-06-072418-A

Tot Ion: 84 Resp: 1637293

Ion	Ratio	Lower	Upper
84	100		
49	119.0	94.8	142.2
51	36.4	28.3	42.5
86	63.7	51.0	76.6



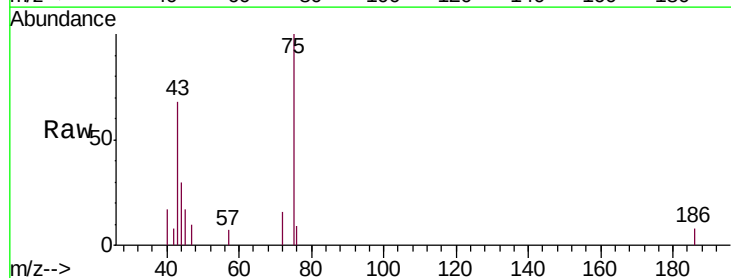
Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0



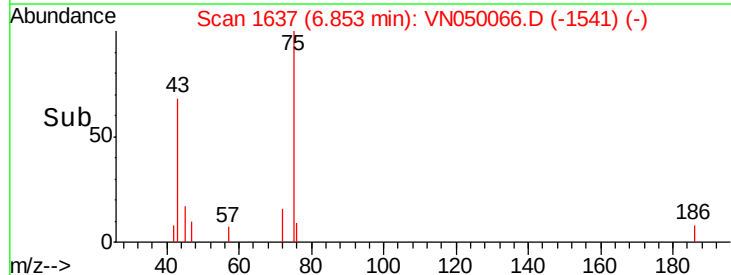
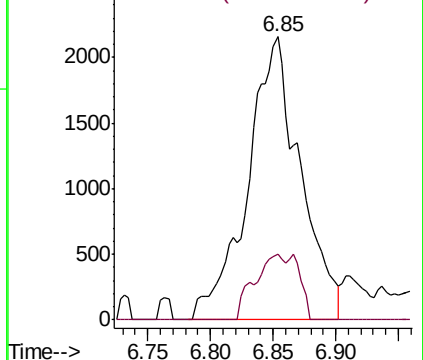
#25
2-Butanone
Concen: 1.88 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN050066.D
Acq: 26 Jul 2018 1:08

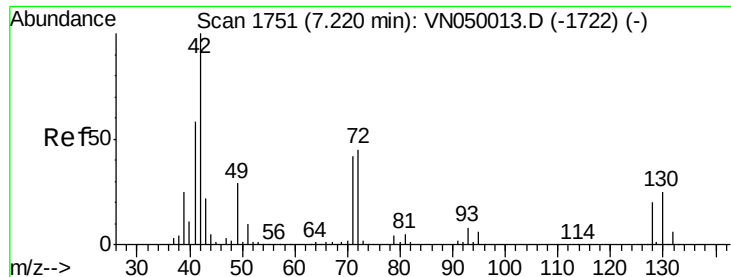
Tgt Ion: 43 Resp: 6307

Ion	Ratio	Lower	Upper
43	100		
72	23.2	21.5	32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.44 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

Instrument :

MSVOA_N

ClientSampleId :

HR-06-072418-A

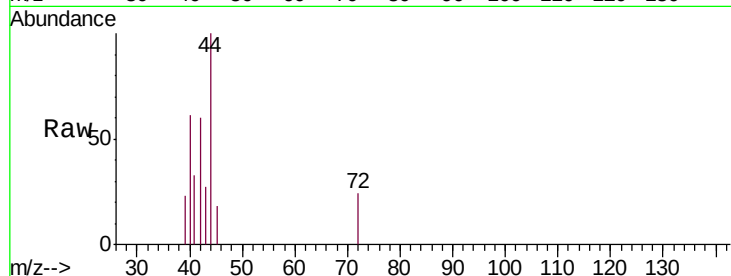
Tot Ion: 42 Resp: 956

Ion Ratio Lower Upper

42 100

72 36.4 35.9 53.9

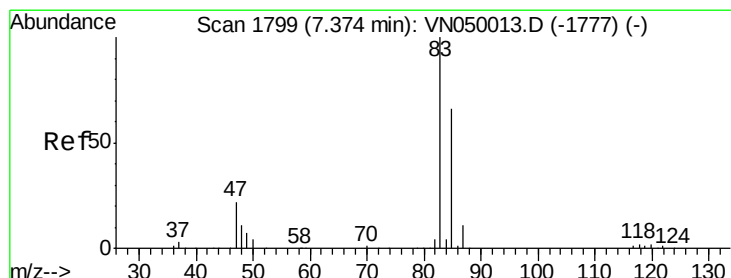
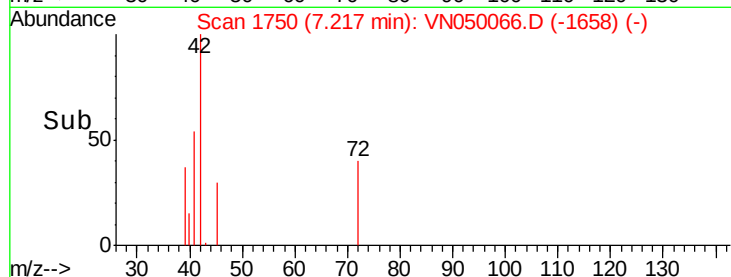
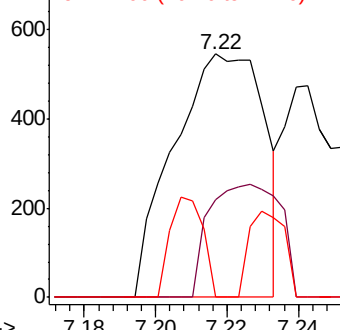
71 13.9 33.7 50.5#



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: 0.46 ug/l

RT: 7.38 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VN050066.D

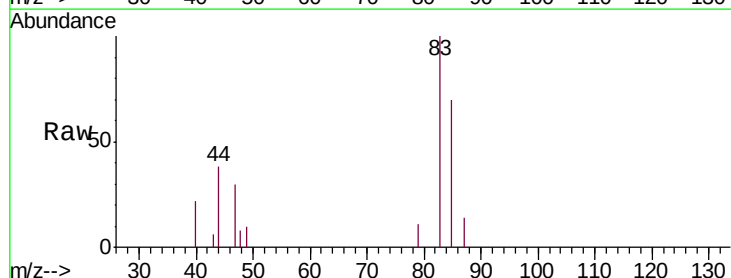
Acq: 26 Jul 2018 1:08

Tgt Ion: 83 Resp: 6836

Ion Ratio Lower Upper

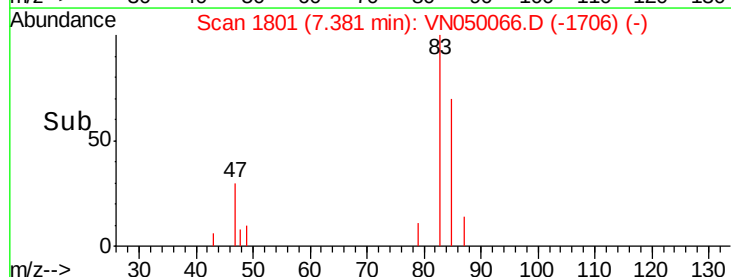
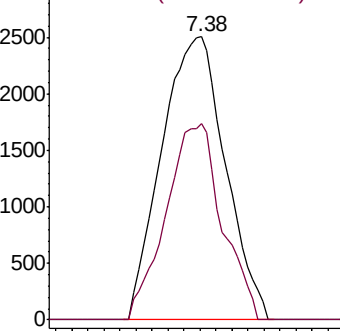
83 100

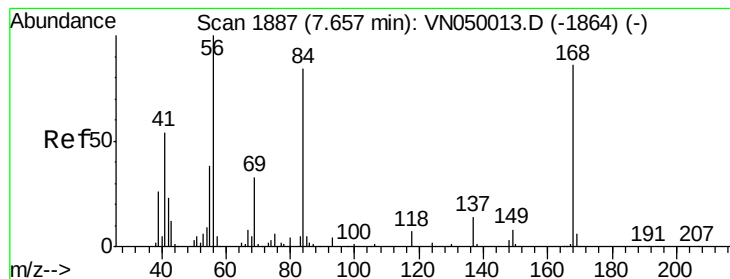
85 69.5 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 0.90 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050066.D

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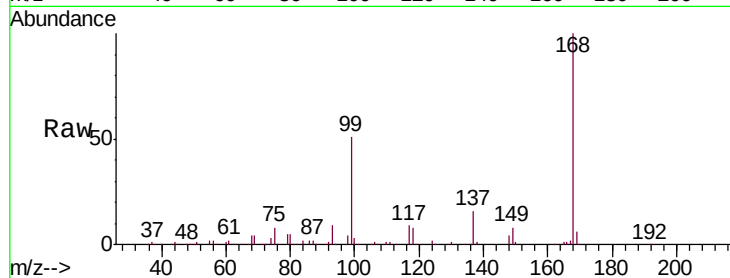
Tot Ion: 56 Resp: 11703

Ion Ratio Lower Upper

56 100

69 187.3 26.2 39.4#

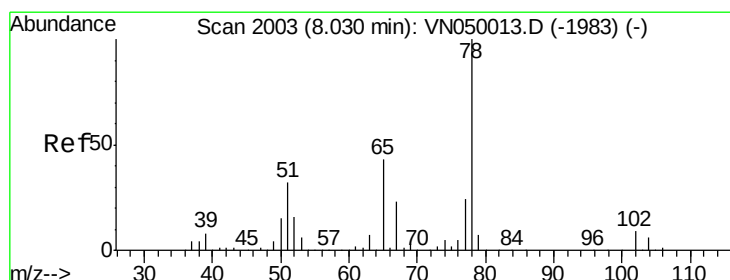
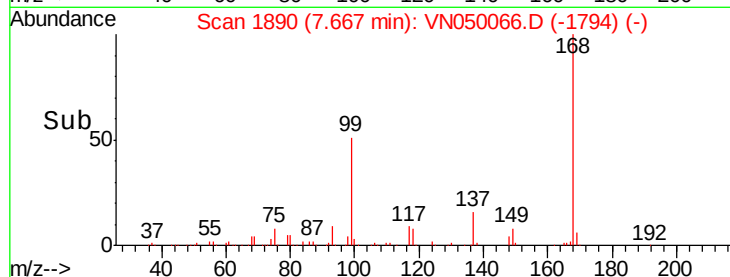
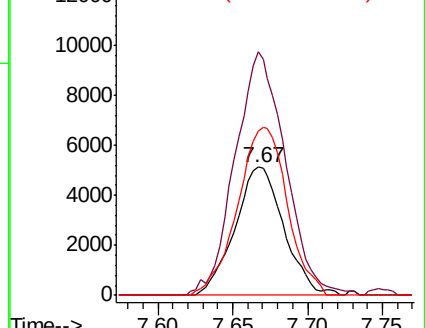
84 127.9 67.4 101.0#



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: 51.12 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050066.D

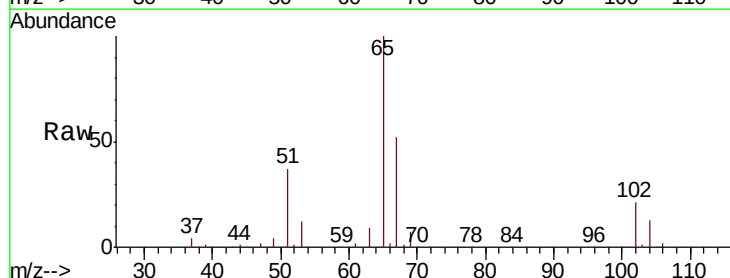
Acq: 26 Jul 2018 1:08

Tgt Ion: 65 Resp: 448525

Ion Ratio Lower Upper

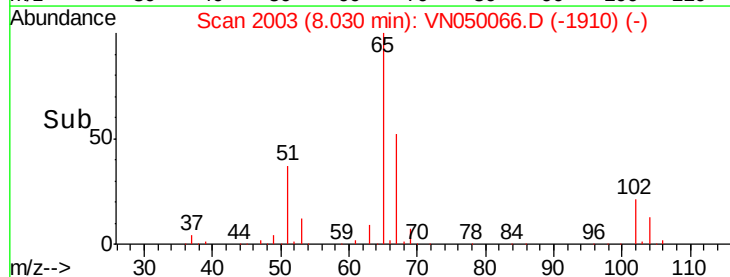
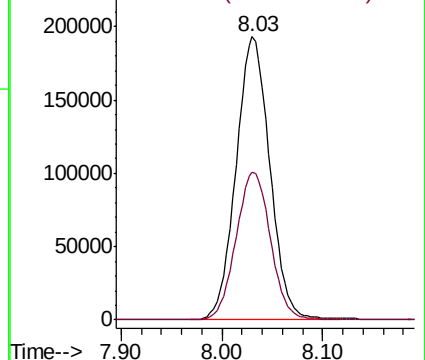
65 100

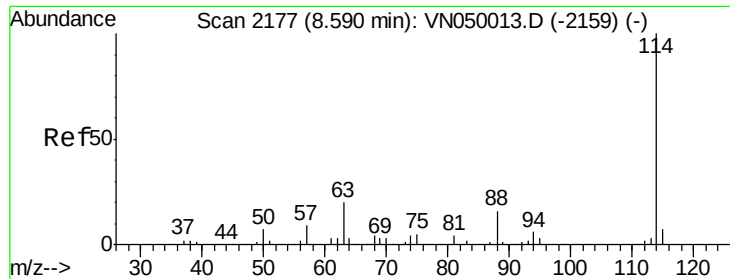
67 53.5 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

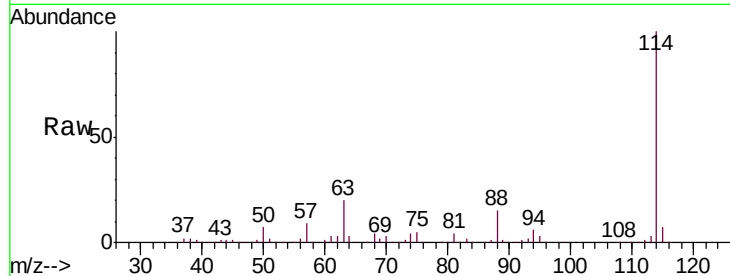




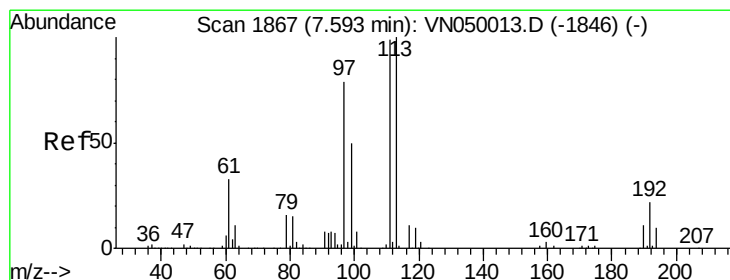
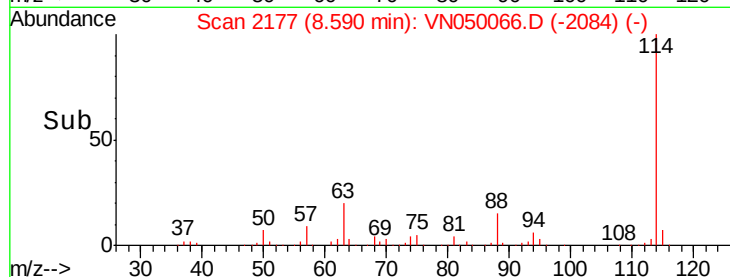
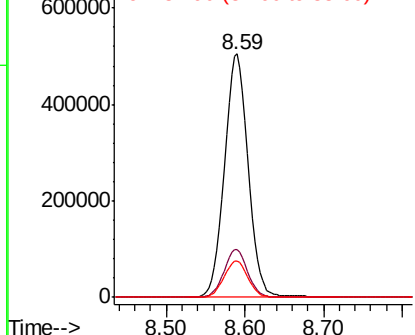
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050066.D
 Acq: 26 Jul 2018 1:08

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-072418-A

Tot Ion:114 Resp: 1046110
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 14.8 0.0 31.2

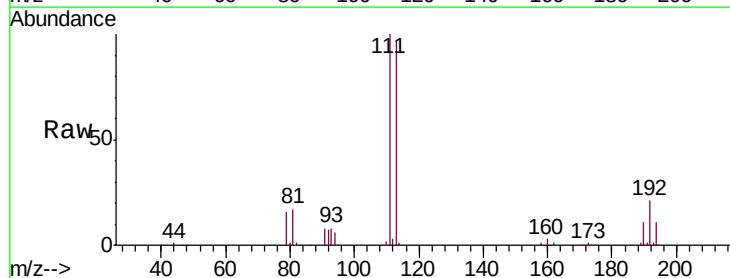


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

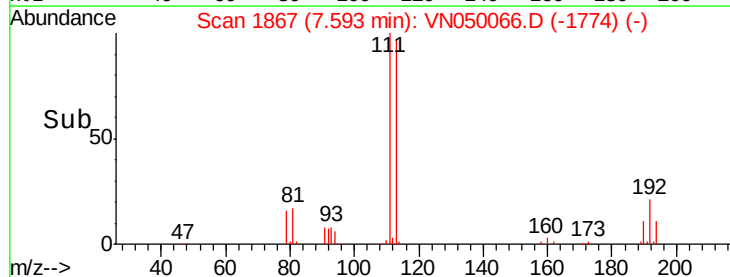
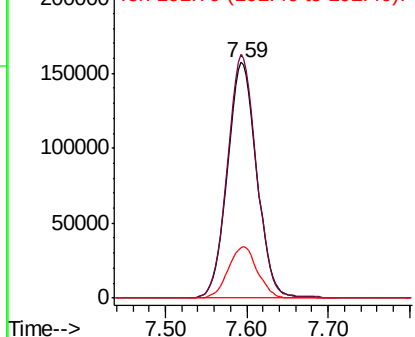


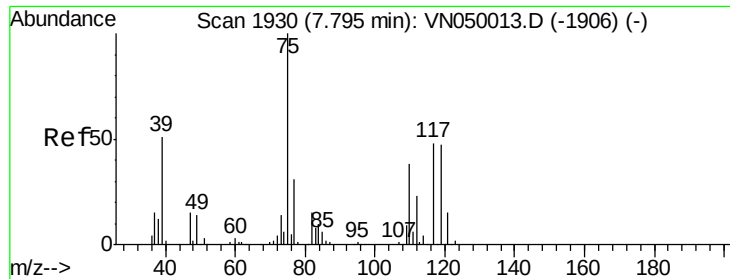
#35
 Dibromofluoromethane
 Concen: 46.41 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050066.D
 Acq: 26 Jul 2018 1:08

Tgt Ion:113 Resp: 396362
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.7 121.1
 192 21.8 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: 3.85 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.13 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

Instrument :

MSVOA_N

ClientSampleId :

HR-06-072418-A

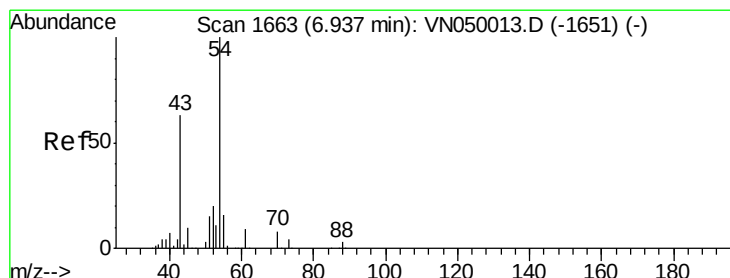
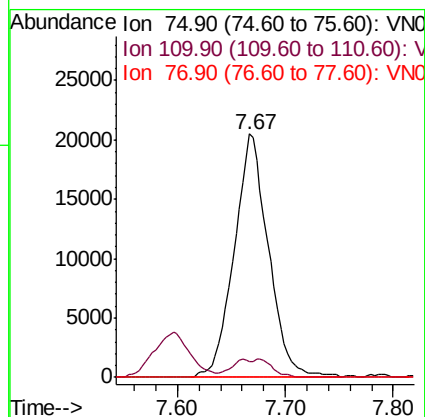
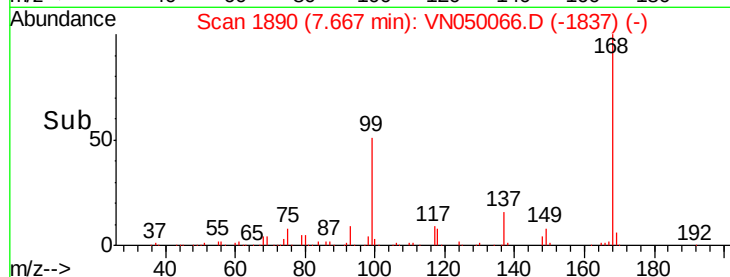
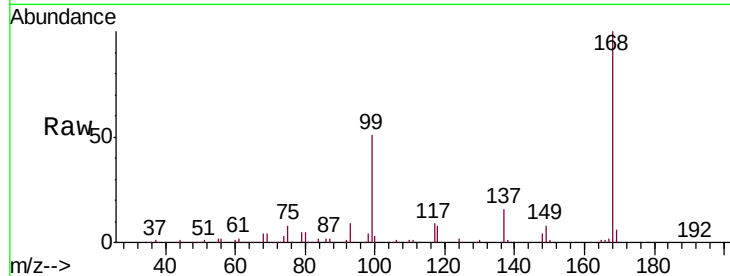
Tot Ion: 75 Resp: 45387

Ion Ratio Lower Upper

75 100

110 2.6 18.4 55.2#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 0.77 ug/l

RT: 6.85 min Scan# 1637

Delta R.T. -0.08 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

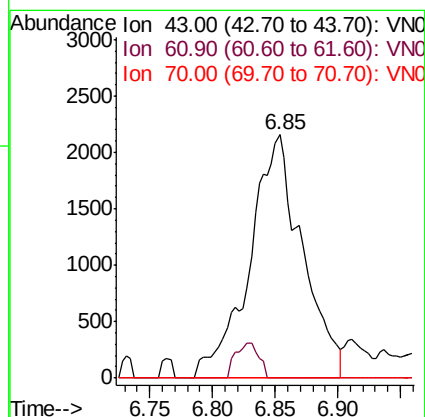
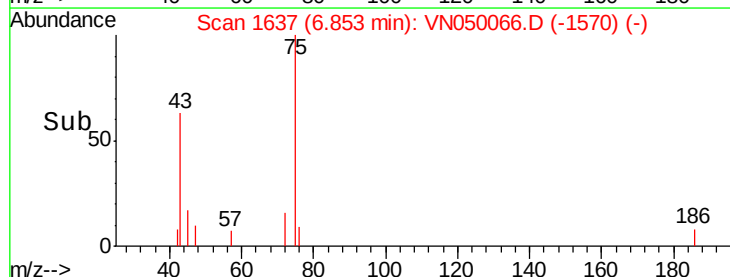
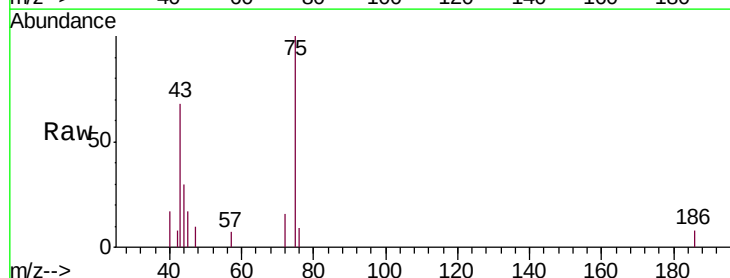
Tgt Ion: 43 Resp: 6307

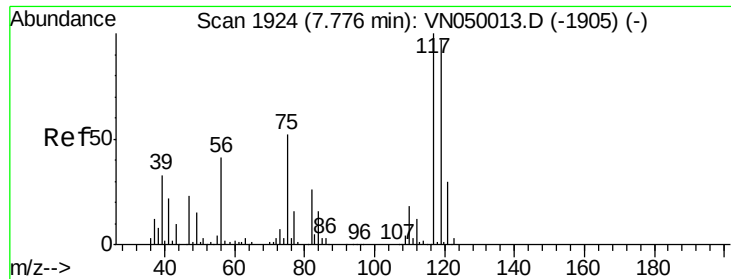
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.8#

70 0.0 8.4 12.6#

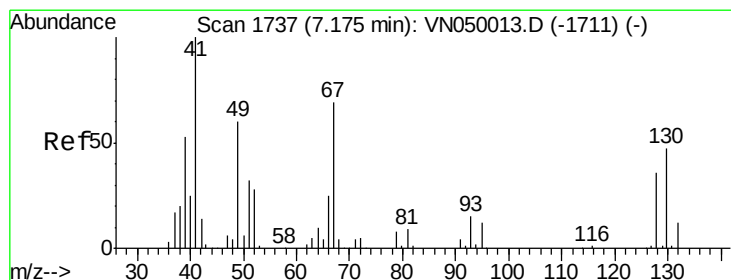
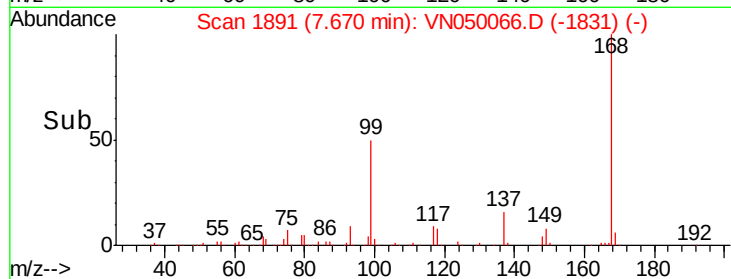
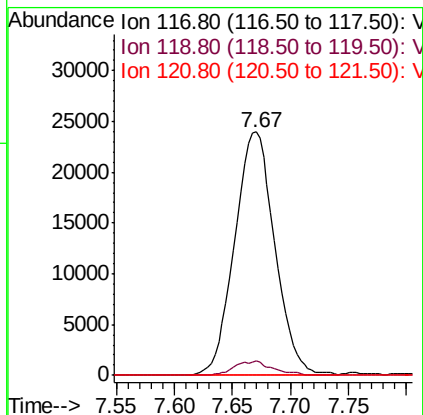
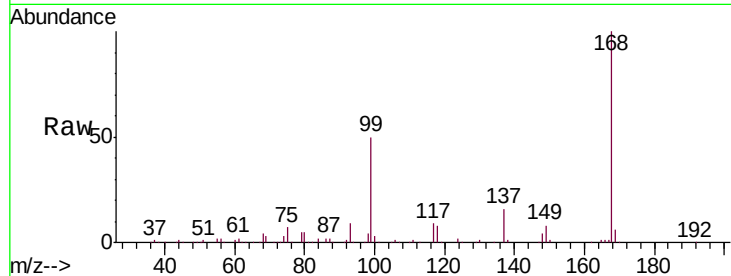




#38
Carbon Tetrachloride
Concen: 4.62 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. -0.11 min
Lab File: VN050066.D
Acq: 26 Jul 2018 1:08

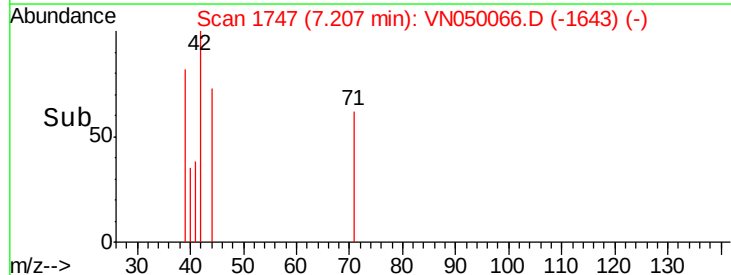
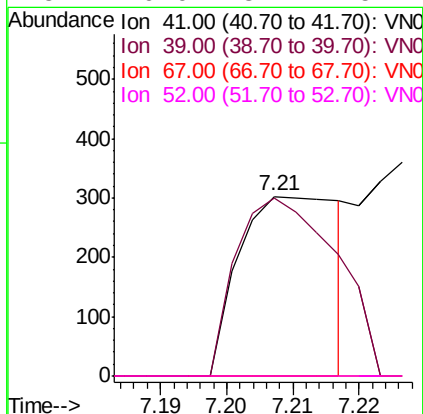
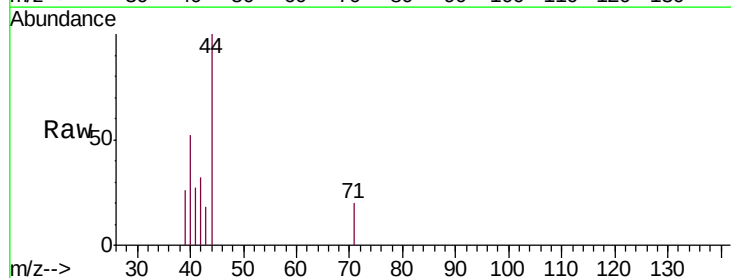
Instrument :
MSVOA_N
ClientSampleId :
HR-06-072418-A

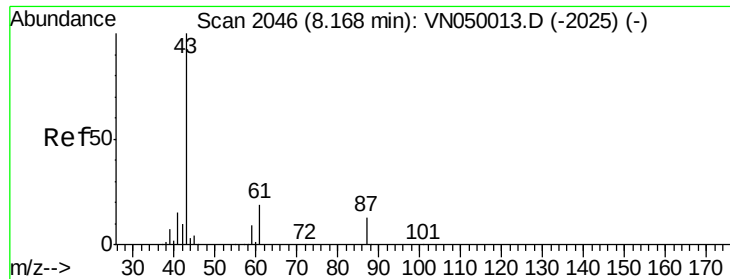
Tot Ion:117 Resp: 57733
Ion Ratio Lower Upper
117 100
119 5.8 77.4 116.0#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 2.82 ug/l
RT: 7.21 min Scan# 1747
Delta R.T. 0.03 min
Lab File: VN050066.D
Acq: 26 Jul 2018 1:08

Tgt Ion: 41 Resp: 316
Ion Ratio Lower Upper
41 100
39 100.0 55.8 83.6#
67 0.0 84.3 126.5#
52 0.0 34.2 51.2#





#43

Isopropyl Acetate

Concen: 19.22 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

Instrument :

MSVOA_N

ClientSampleId :

HR-06-072418-A

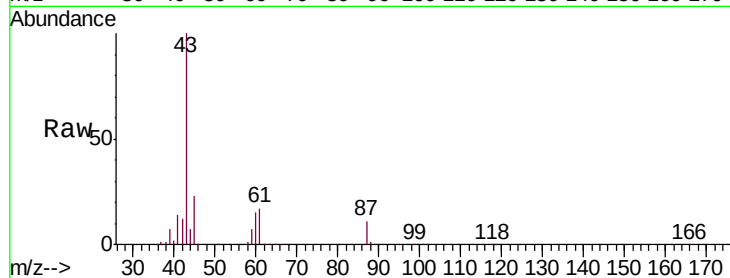
Tot Ion: 43 Resp: 308456

Ion Ratio Lower Upper

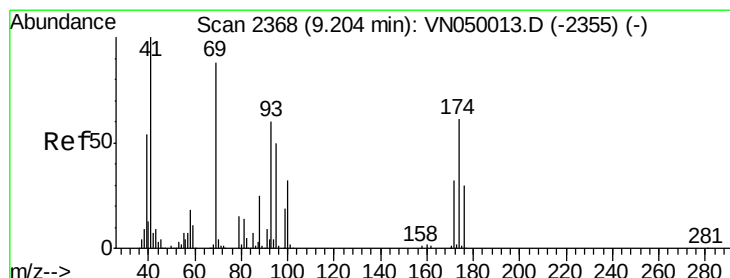
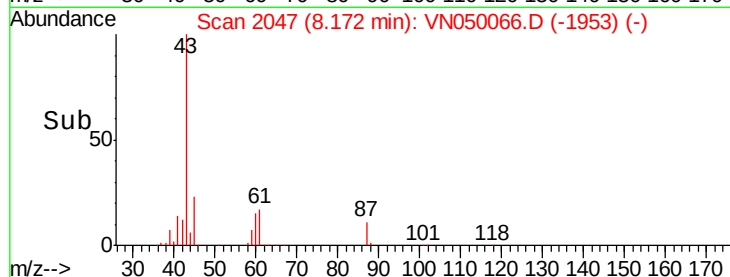
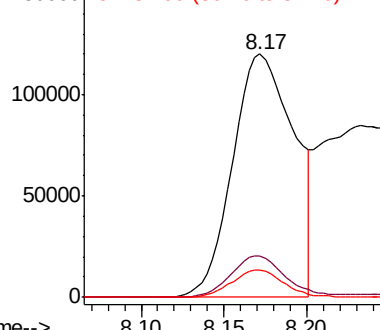
43 100

61 15.5 15.8 23.6#

87 9.6 10.3 15.5#



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



#48

Methyl methacrylate

Concen: 1.09 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

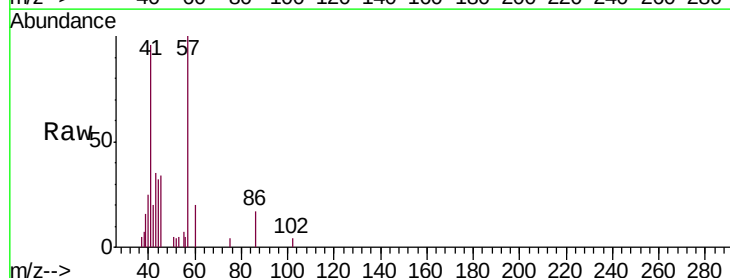
Tgt Ion: 41 Resp: 7739

Ion Ratio Lower Upper

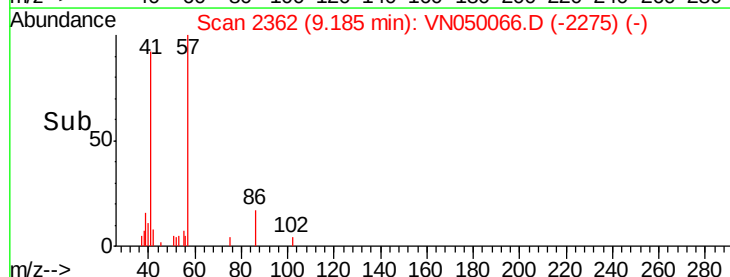
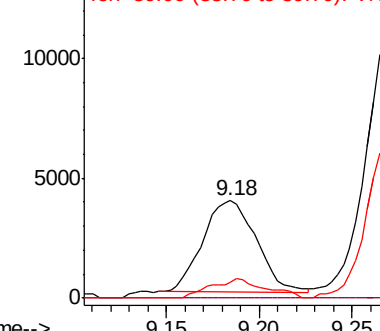
41 100

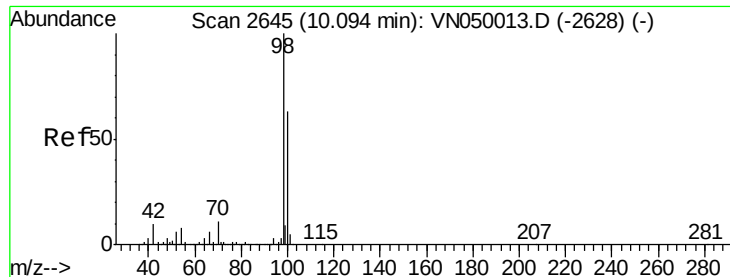
69 0.0 70.6 105.8#

39 21.4 43.9 65.9#



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





#50

Toluene-d8

Concen: 45.24 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

Instrument :

MSVOA_N

ClientSampleId :

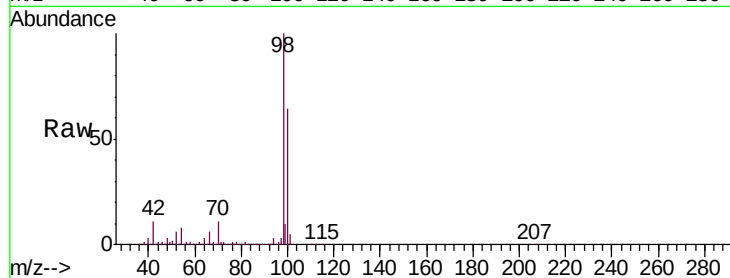
HR-06-072418-A

Tot Ion: 98 Resp: 1420654

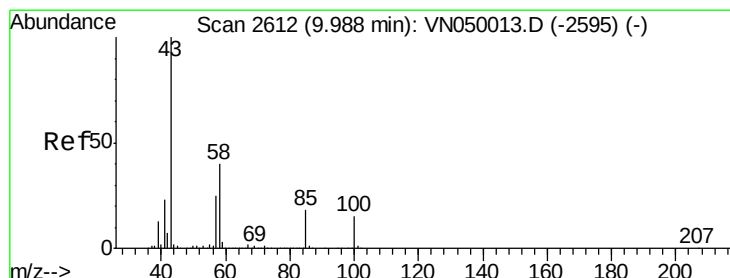
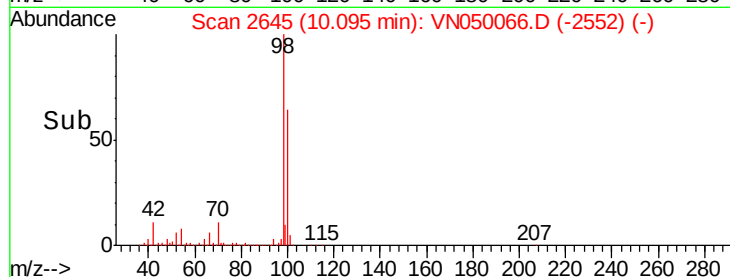
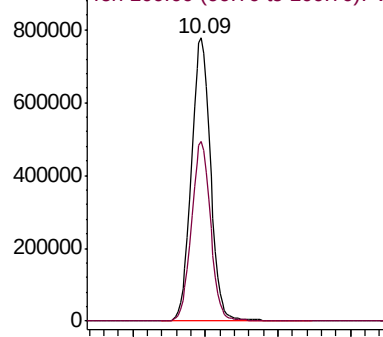
Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050013.D (-2628) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.44 ug/l

RT: 9.99 min Scan# 2612

Delta R.T. 0.00 min

Lab File: VN050066.D

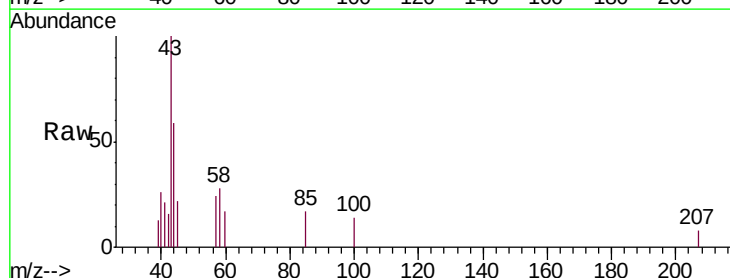
Acq: 26 Jul 2018 1:08

Tgt Ion: 43 Resp: 3557

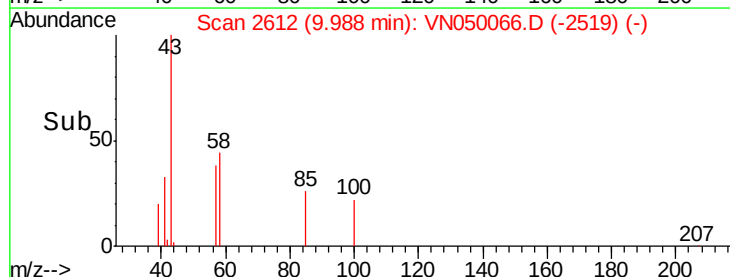
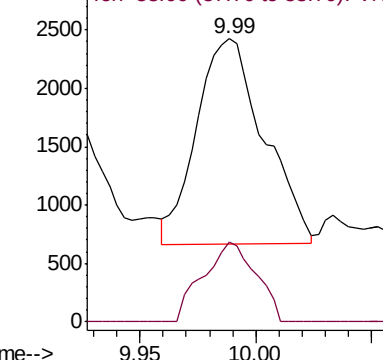
Ion Ratio Lower Upper

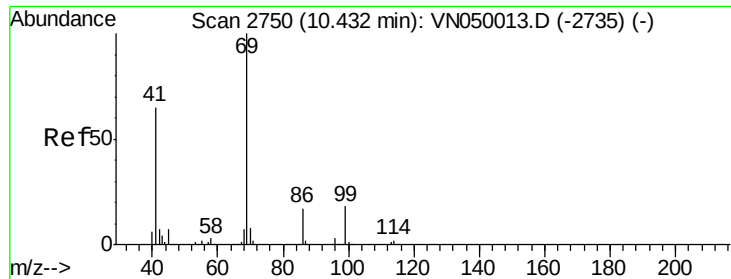
43 100

58 30.4 31.9 47.9#



Abundance Ion 43.00 (42.70 to 43.70): VN050013.D (-2595) (-)





#56

Ethyl methacrylate

Concen: 2.04 ug/l

RT: 10.27 min Scan# 2701

Delta R.T. -0.16 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

Instrument :

MSVOA_N

ClientSampleId :

HR-06-072418-A

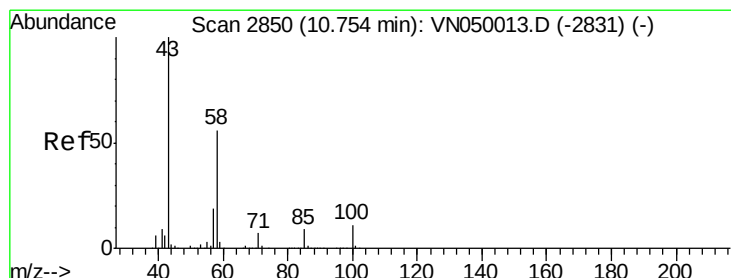
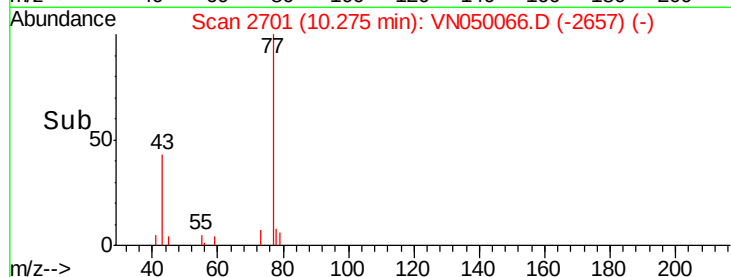
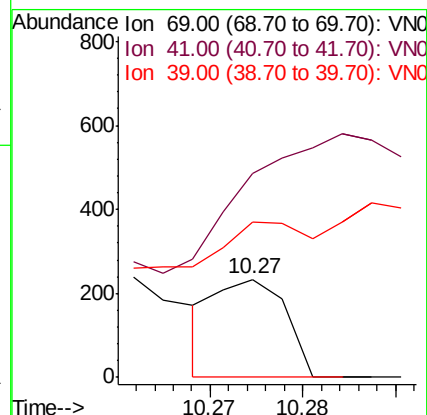
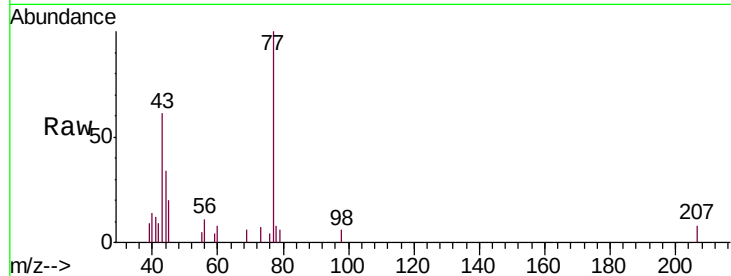
Tot Ion: 69 Resp: 122

Ion Ratio Lower Upper

69 100

41 1010.7 51.0 76.4#

39 143.4 26.6 40.0#



#59

2-Hexanone

Concen: 8.17 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050066.D

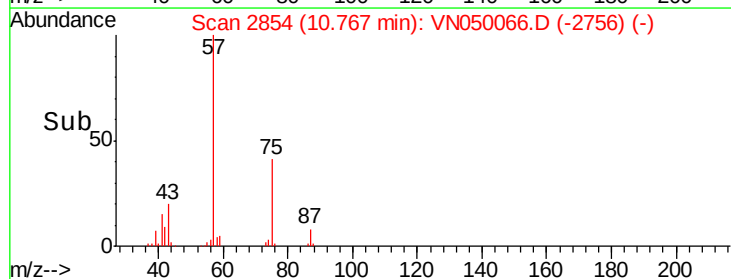
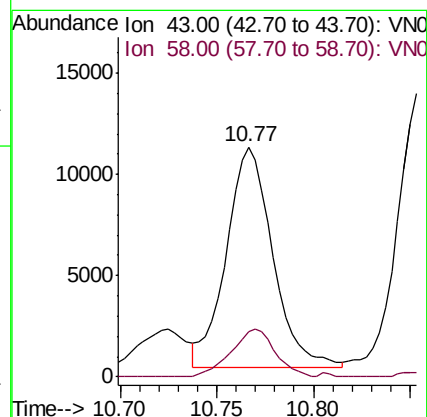
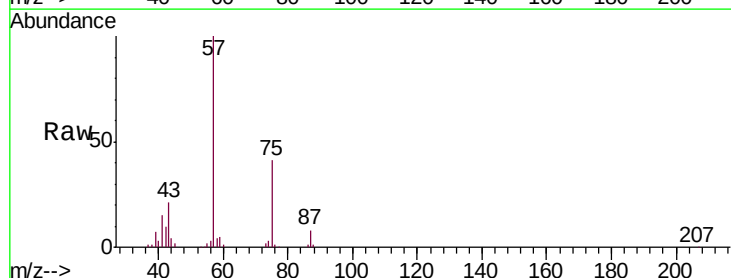
Acq: 26 Jul 2018 1:08

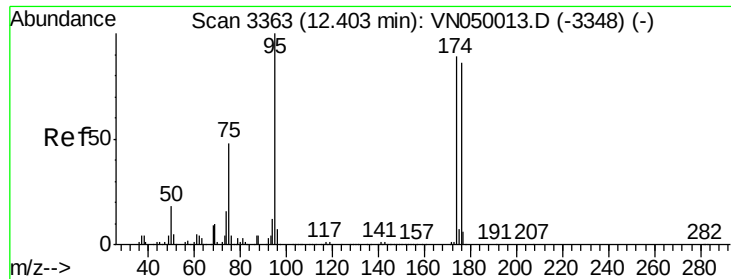
Tgt Ion: 43 Resp: 18148

Ion Ratio Lower Upper

43 100

58 20.4 27.6 82.7#

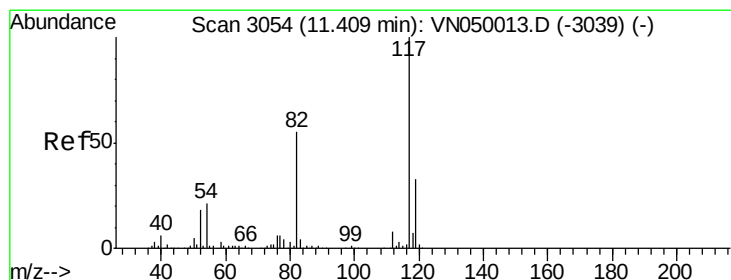
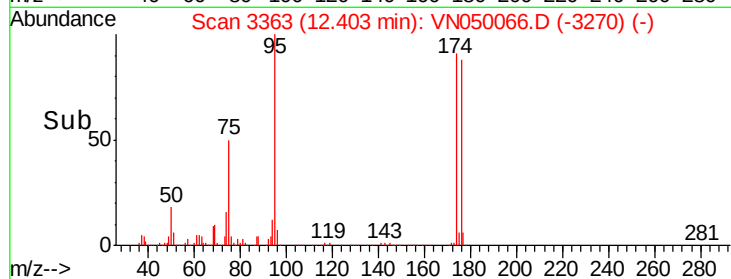
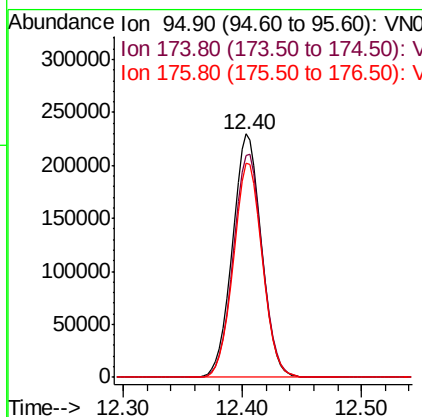
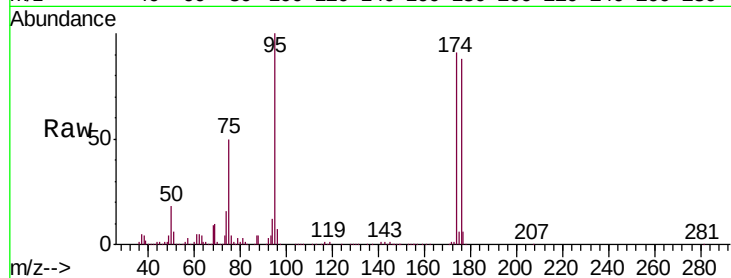




#62
4-Bromofluorobenzene
Concen: 37.42 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050066.D
Acq: 26 Jul 2018 1:08

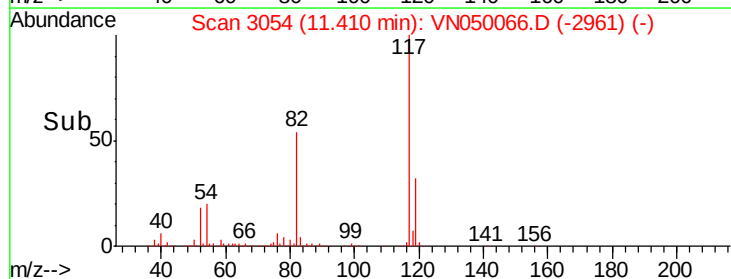
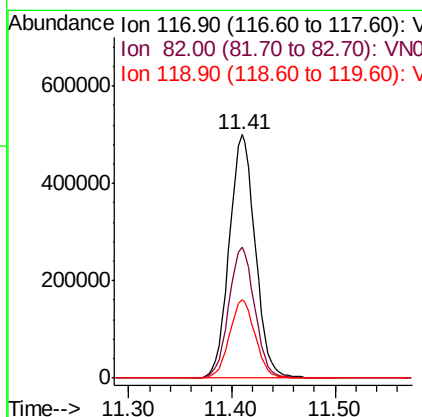
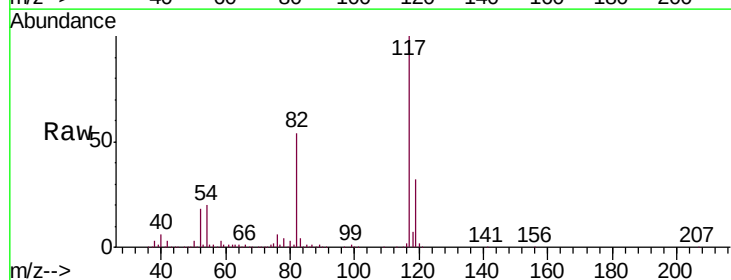
Instrument :
MSVOA_N
ClientSampleId :
HR-06-072418-A

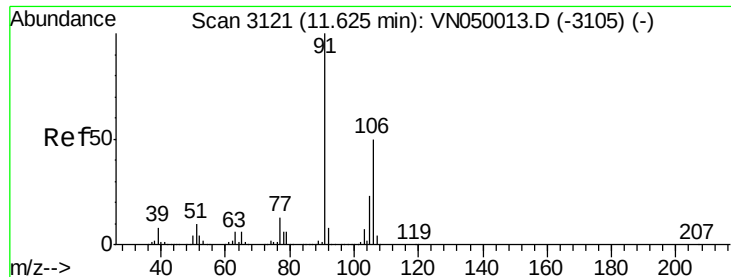
Tot Ion: 95 Resp: 386929
Ion Ratio Lower Upper
95 100
174 92.4 0.0 178.2
176 88.1 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050066.D
Acq: 26 Jul 2018 1:08

Tgt Ion: 117 Resp: 877685
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.2 26.1 39.1

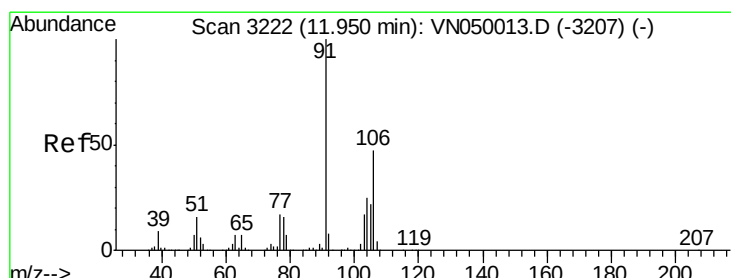
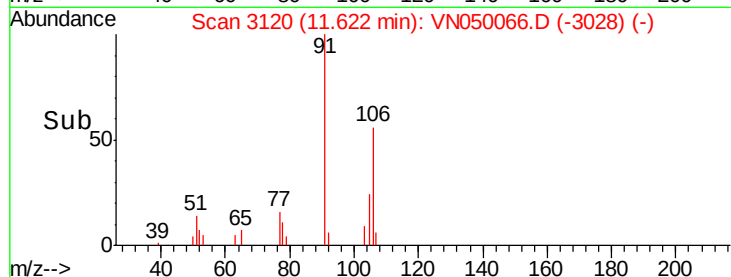
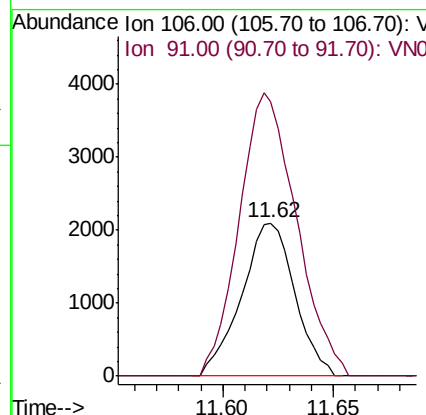
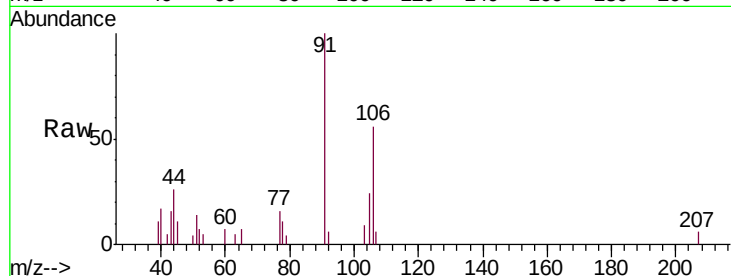




#68
m/p-Xylenes
Concen: 0.26 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. -0.00 min
Lab File: VN050066.D
Acq: 26 Jul 2018 1:08

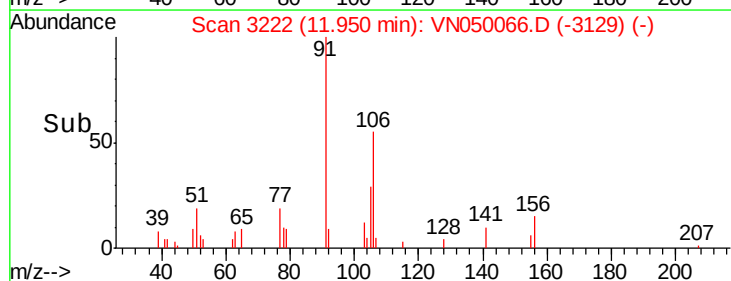
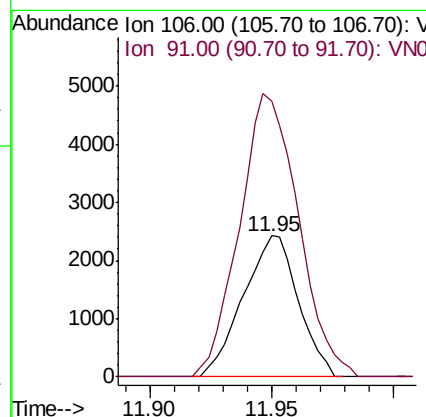
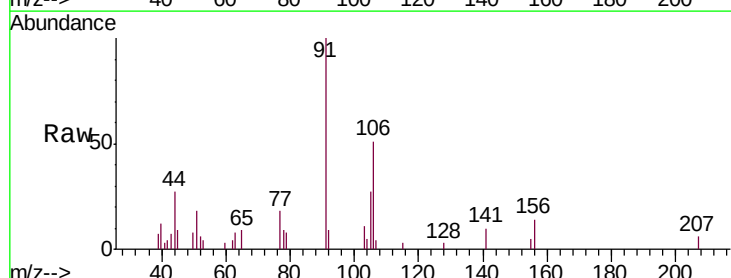
Instrument :
MSVOA_N
ClientSampleId :
HR-06-072418-A

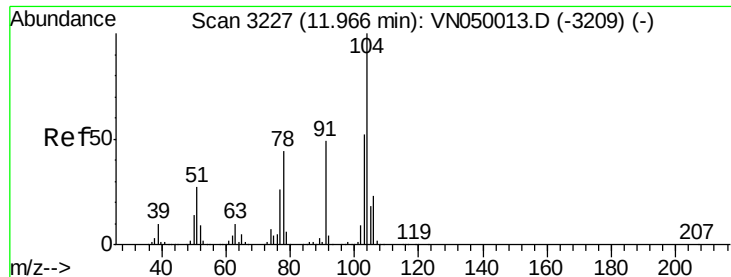
Tot Ion:106 Resp: 3513
Ion Ratio Lower Upper
106 100
91 198.7 162.2 243.2



#69
o-Xylene
Concen: 0.30 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050066.D
Acq: 26 Jul 2018 1:08

Tgt Ion:106 Resp: 3793
Ion Ratio Lower Upper
106 100
91 215.1 107.7 323.1





#70

Stvrene

Concen: 0.94 ug/l

RT: 11.96 min Scan# 3225

Delta R.T. -0.01 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

Instrument :

MSVOA_N

ClientSampleId :

HR-06-072418-A

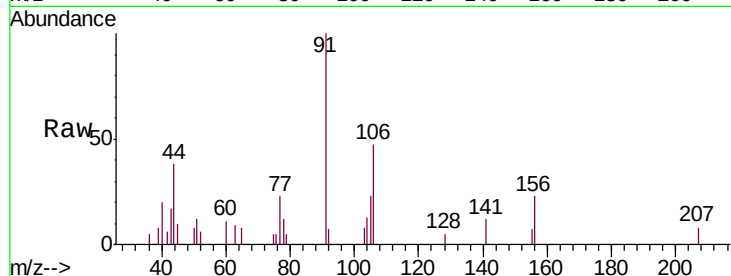
Tot Ion:104 Resp: 510

Ion Ratio Lower Upper

104 100

78 145.9 39.3 58.9#

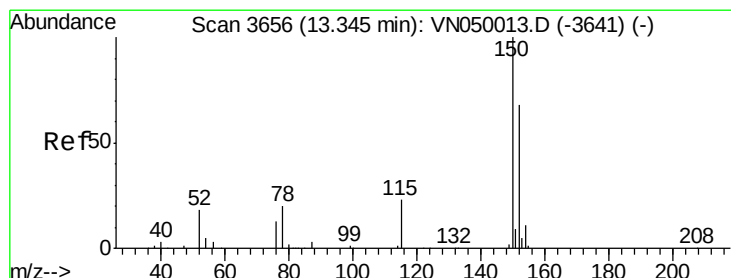
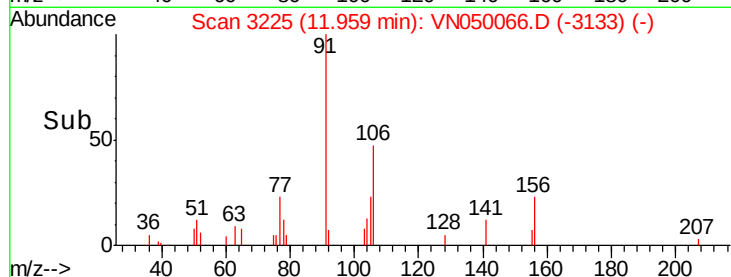
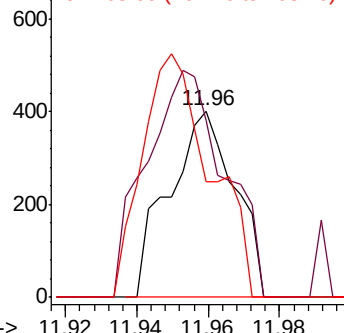
103 135.3 45.0 67.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): 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: VN050066.D

Acq: 26 Jul 2018 1:08

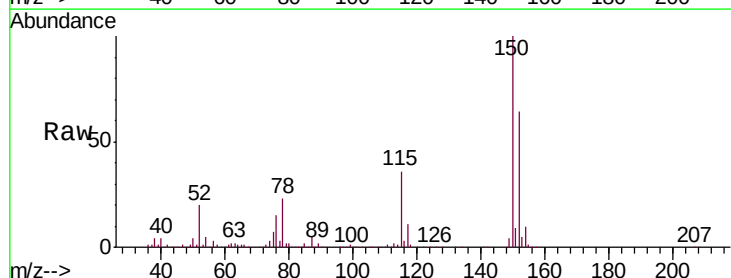
Tgt Ion:152 Resp: 332143

Ion Ratio Lower Upper

152 100

115 57.5 27.8 83.3

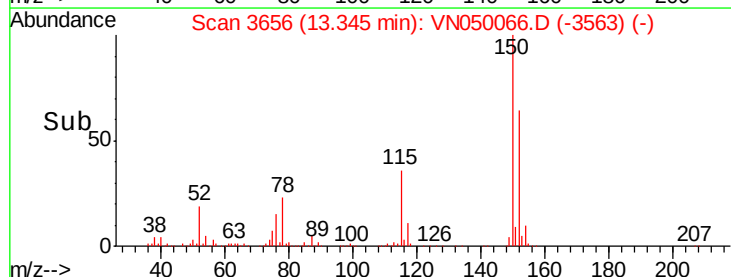
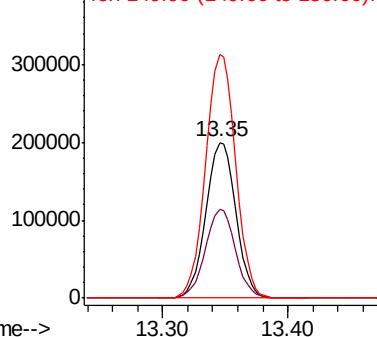
150 156.7 0.0 348.6

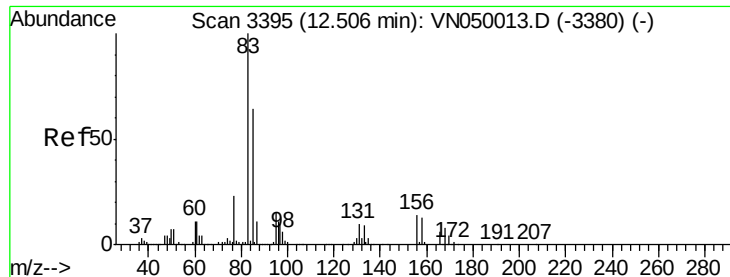


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3363

Delta R.T. -0.10 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

Instrument :

MSVOA_N

ClientSampleId :

HR-06-072418-A

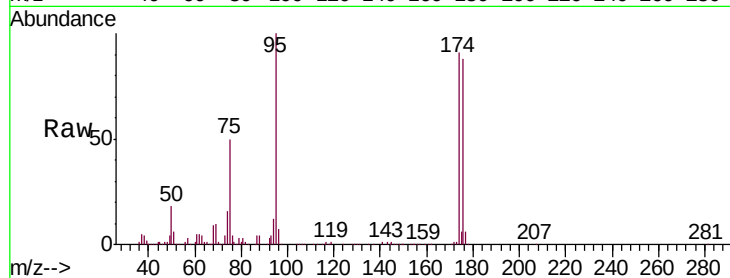
Tot Ion: 83 Resp: 220

Ion Ratio Lower Upper

83 100

131 160.9 5.1 15.3#

85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.40

12.40

12.40

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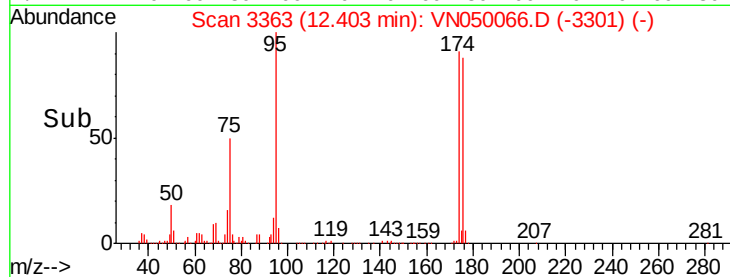
12.40

12.40

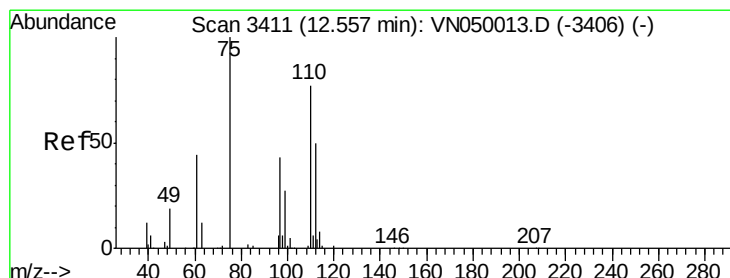
12.40

12.40

12.40



Time--> 12.38 12.40 12.42



#76

1,2,3-Trichloropropane

Concen: 31.18 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050066.D

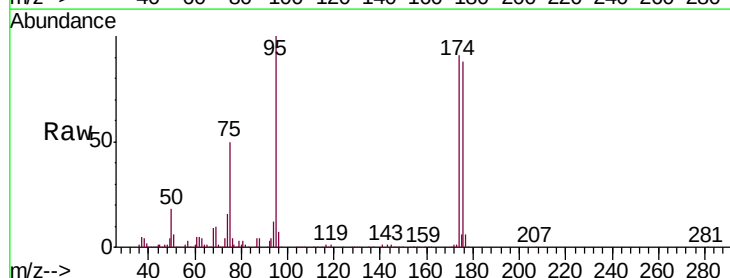
Acq: 26 Jul 2018 1:08

Tgt Ion: 75 Resp: 192446

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

12.40

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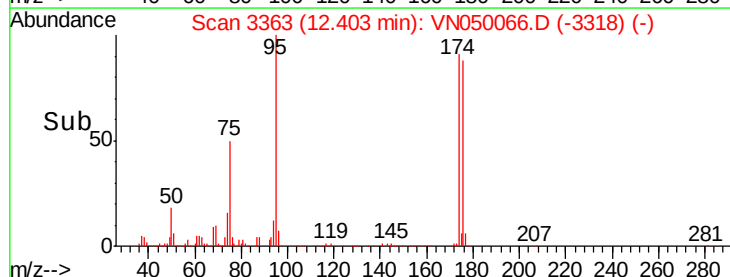
12.40

12.40

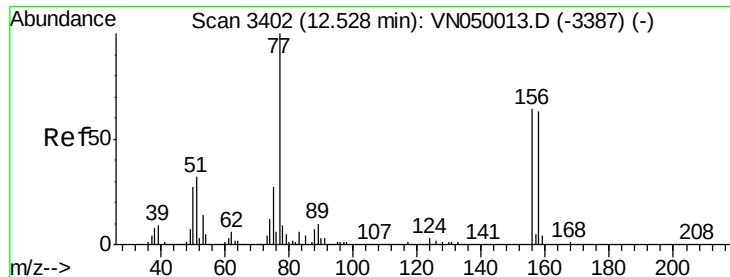
12.40

12.40

12.40



Time--> 12.35 12.40 12.45 12.50



#77

Bromobenzene

Concen: 2.93 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.04 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

Instrument :

MSVOA_N

ClientSampleId :

HR-06-072418-A

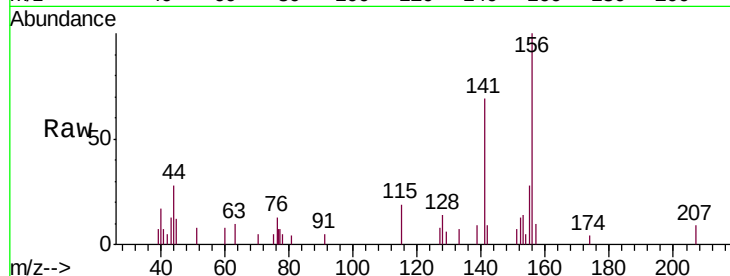
Tot Ion:156 Resp: 20933

Ion Ratio Lower Upper

156 100

77 0.0 91.7 275.1#

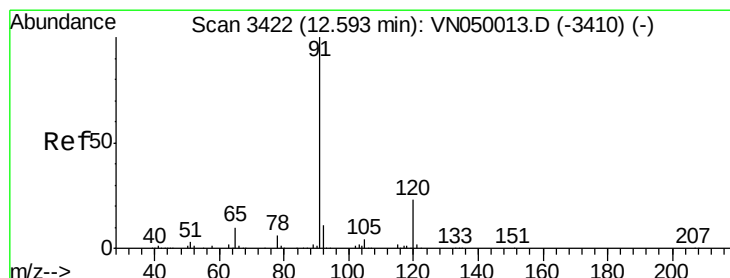
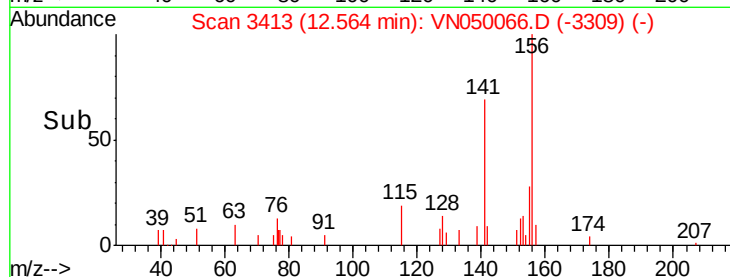
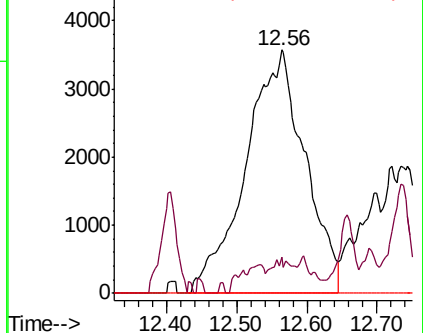
158 0.0 48.9 146.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.22 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050066.D

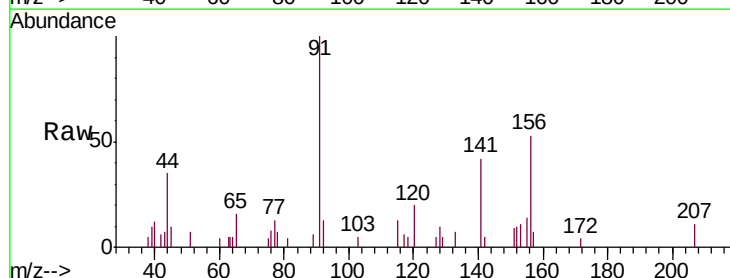
Acq: 26 Jul 2018 1:08

Tgt Ion: 91 Resp: 6238

Ion Ratio Lower Upper

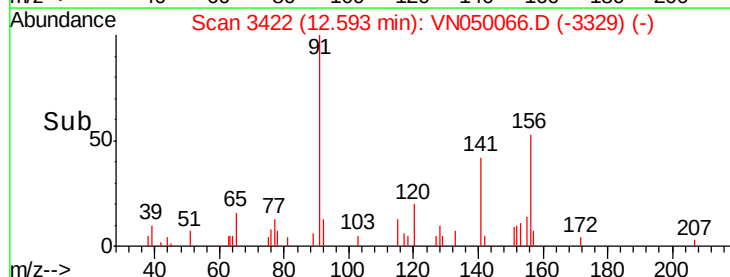
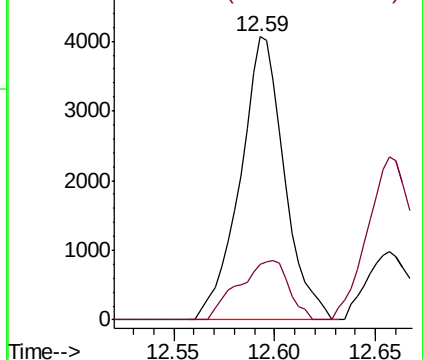
91 100

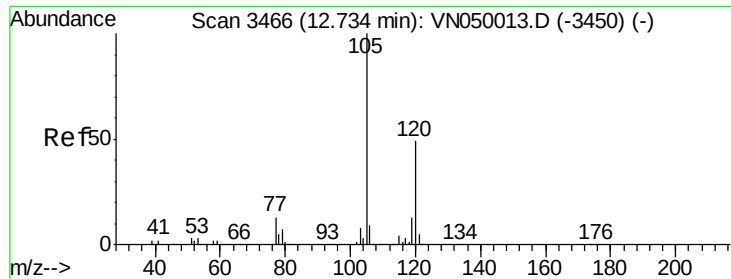
120 23.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

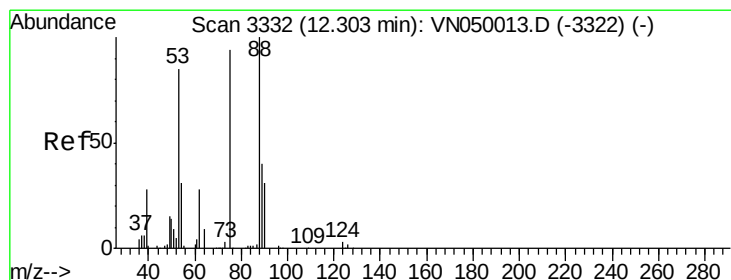
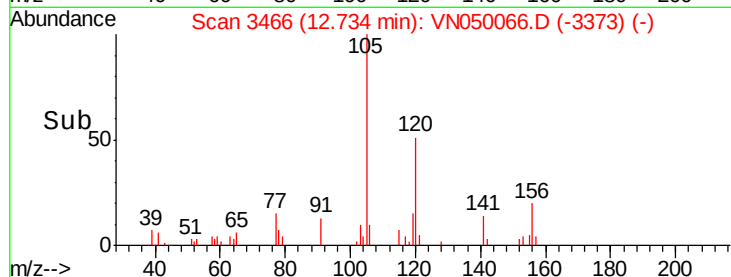
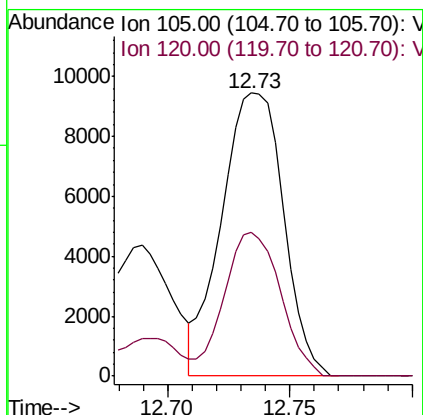
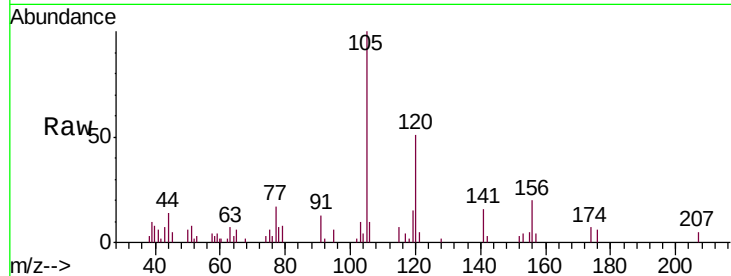




#80
 1,3,5-Trimethylbenzene
 Concen: 0.82 ug/l
 RT: 12.73 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: VN050066.D
 Acq: 26 Jul 2018 1:08

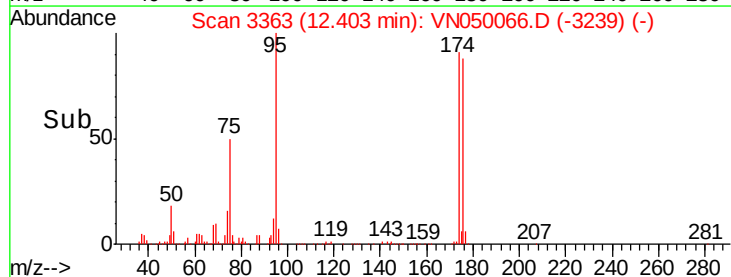
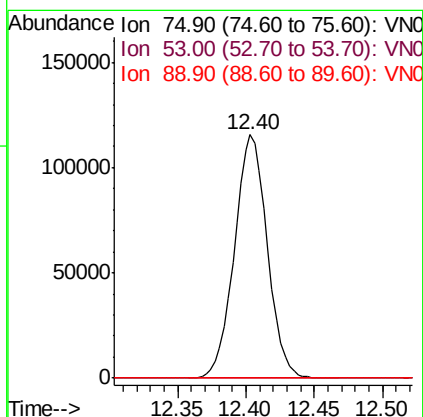
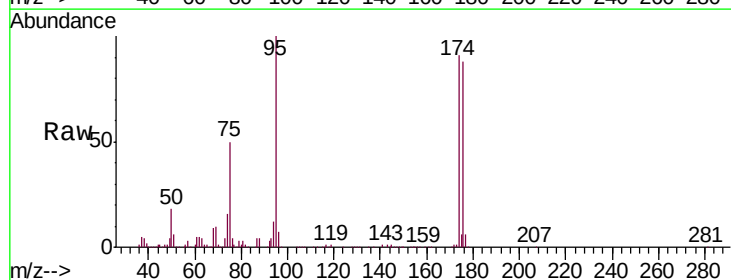
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-072418-A

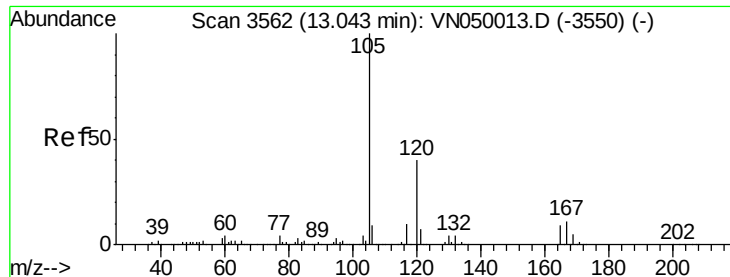
Tot Ion:105 Resp: 16671
 Ion Ratio Lower Upper
 105 100
 120 46.6 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.89 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.10 min
 Lab File: VN050066.D
 Acq: 26 Jul 2018 1:08

Tgt Ion: 75 Resp: 192446
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.5 110.3#
 89 0.0 36.0 54.0#

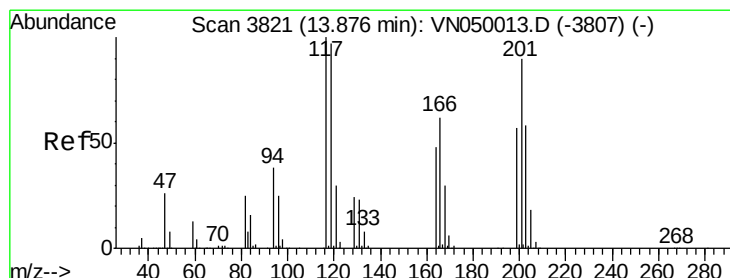
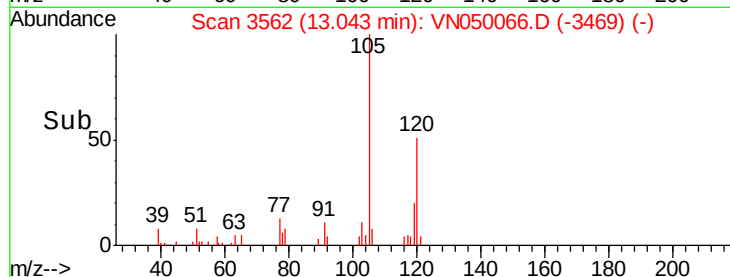
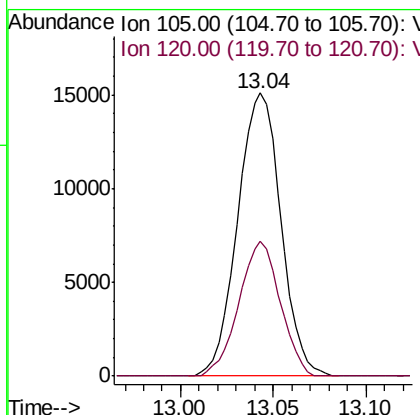
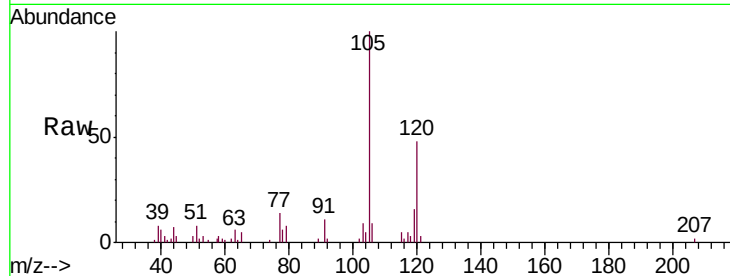




#84
 1,2,4-Trimethylbenzene
 Concen: 1.20 ug/l
 RT: 13.04 min Scan# 3562
 Delta R.T. 0.00 min
 Lab File: VN050066.D
 Acq: 26 Jul 2018 1:08

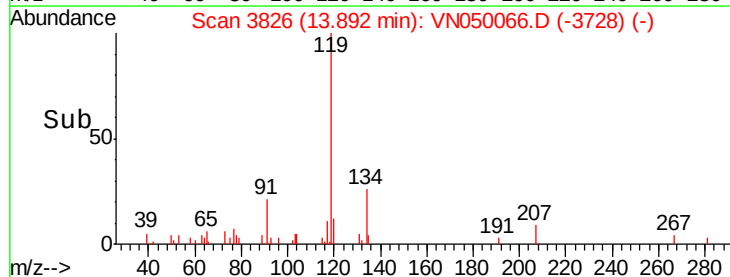
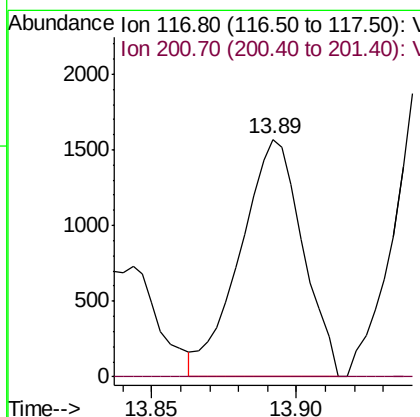
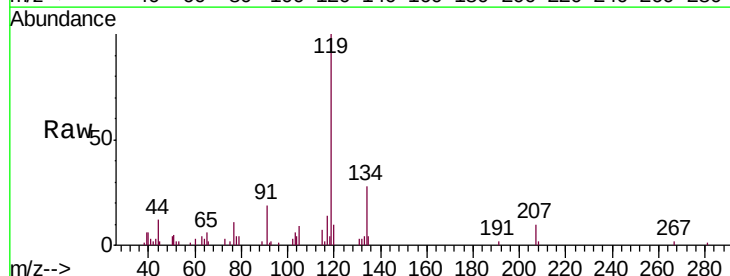
Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-072418-A

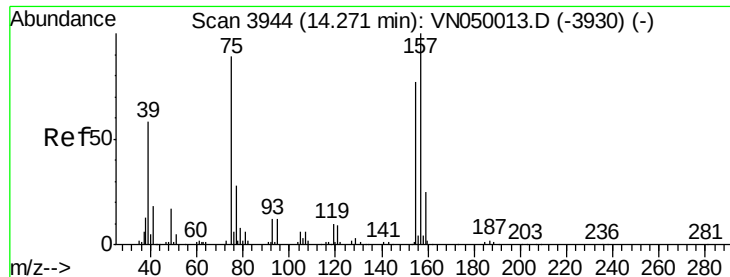
Tot Ion:105 Resp: 24532
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.7



#90
 Hexachloroethane
 Concen: 0.53 ug/l
 RT: 13.89 min Scan# 3826
 Delta R.T. 0.02 min
 Lab File: VN050066.D
 Acq: 26 Jul 2018 1:08

Tgt Ion:117 Resp: 2339
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.6 136.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.26 min Scan# 3941

Delta R.T. -0.01 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

Instrument :

MSVOA_N

ClientSampleId :

HR-06-072418-A

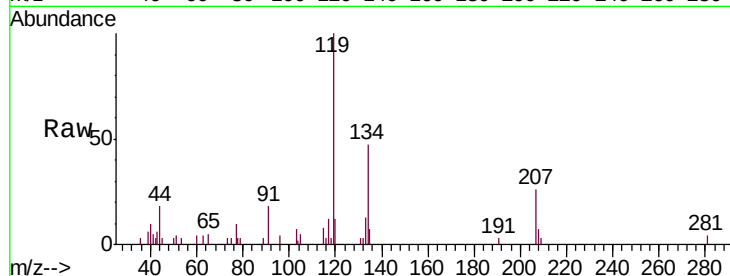
Tot Ion: 75 Resp: 162

Ion Ratio Lower Upper

75 100

155 0.0 44.8 134.4#

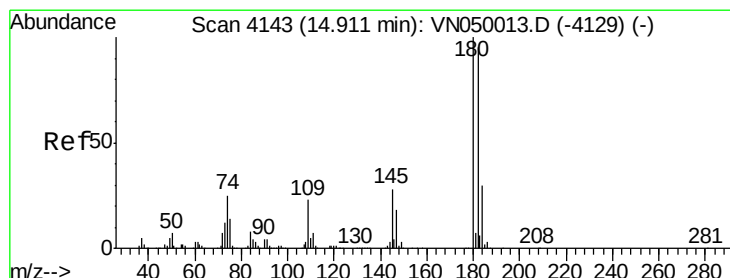
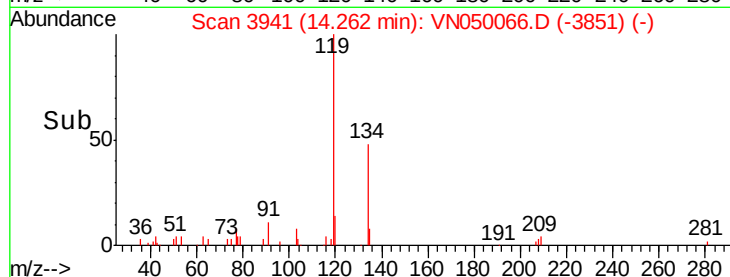
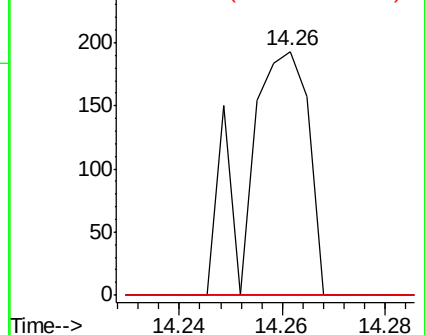
157 0.0 57.2 171.6#



Abundance Ion 74.90 (74.60 to 75.60): VN050013.D (-3930) (-)

Ion 154.80 (154.50 to 155.50): VN050013.D (-3930) (-)

Ion 156.80 (156.50 to 157.50): VN050013.D (-3930) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.15 ug/l

RT: 14.92 min Scan# 4145

Delta R.T. 0.01 min

Lab File: VN050066.D

Acq: 26 Jul 2018 1:08

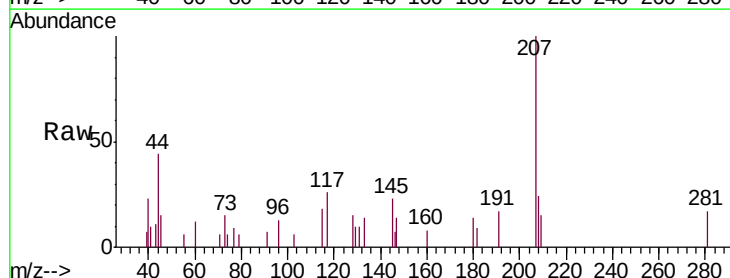
Tgt Ion: 180 Resp: 435

Ion Ratio Lower Upper

180 100

182 77.5 46.7 140.1

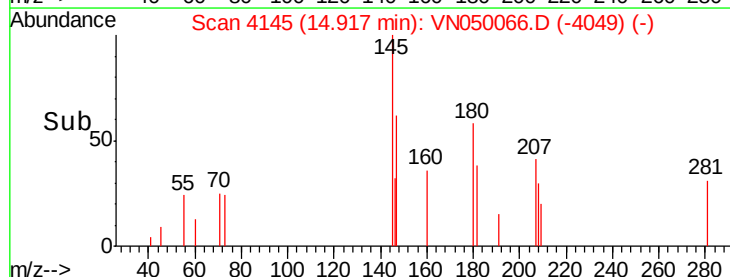
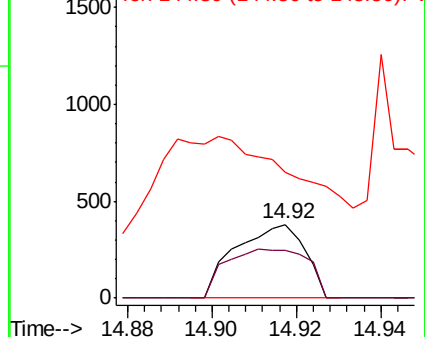
145 363.9 13.8 41.4#

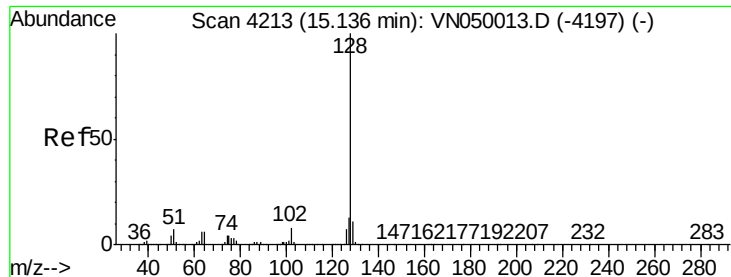


Abundance Ion 179.80 (179.50 to 180.50): VN050013.D (-4129) (-)

Ion 181.80 (181.50 to 182.50): VN050013.D (-4129) (-)

Ion 144.80 (144.50 to 145.50): VN050013.D (-4129) (-)

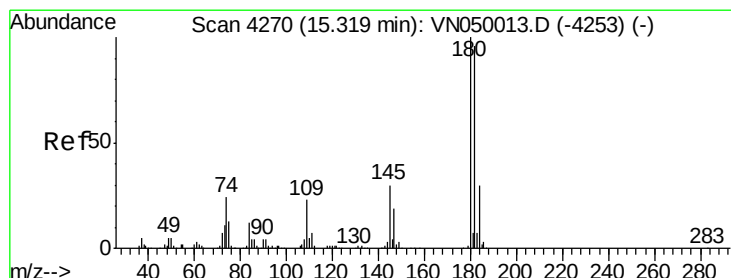
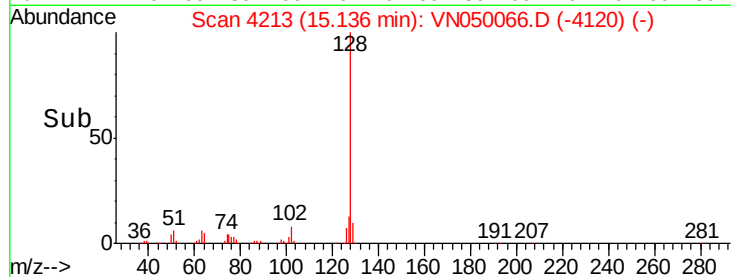
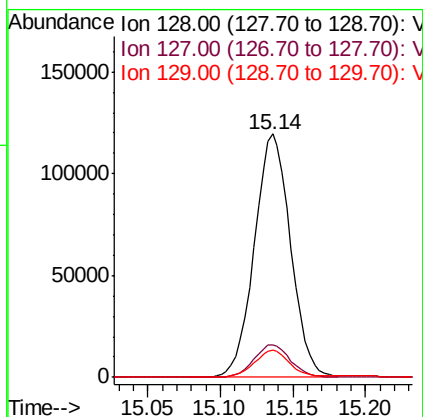
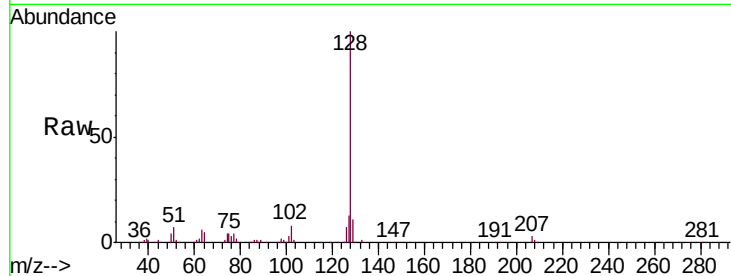




#95
Naphthalene
Concen: 16.92 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN050066.D
Acq: 26 Jul 2018 1:08

Instrument :
MSVOA_N
ClientSampleId :
HR-06-072418-A

Tot Ion:128 Resp: 208081
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 2.22 ug/l
RT: 15.33 min Scan# 4273
Delta R.T. 0.01 min
Lab File: VN050066.D
Acq: 26 Jul 2018 1:08

Tgt Ion:180 Resp: 69
Ion Ratio Lower Upper
180 100
182 0.0 48.1 144.4#
145 0.0 15.3 45.9#

