

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050751.D
 Acq On : 18 Aug 2018 4:58
 Operator : MD\SY
 Sample : J4521-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 05:45:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	659589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1071401	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	918260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317548	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	439948	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.84%		
35) Dibromofluoromethane	7.59	113	419551	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.10%		
50) Toluene-d8	10.09	98	1479212	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.90%		
62) 4-Bromofluorobenzene	12.40	95	398794	37.50	ug/l	0.00
Spiked Amount 50.000			Recovery =	75.00%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2866	Below Cal	#	87
5) Bromomethane	2.57	94	3230	Below Cal	#	79
6) Chloroethane	2.72	64	157	Below Cal	#	43
10) Methyl Iodide	3.95	142	785	7.07	ug/l	# 47
16) Acetone	3.82	43	28948	12.57	ug/l	94
18) Methyl Acetate	4.33	43	15510	1.69	ug/l	# 88
20) Methylene Chloride	4.55	84	62804	6.85	ug/l	97
25) 2-Butanone	6.85	43	4303	1.26	ug/l	95
29) Tetrahydrofuran	7.23	42	611	0.34	ug/l	# 68
30) Chloroform	7.37	83	3047	0.20	ug/l	95
31) Cyclohexane	7.67	56	11709	0.59	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	45427	3.81	ug/l	# 48
38) Carbon Tetrachloride	7.67	117	56474	4.56	ug/l	# 17
43) Isopropyl Acetate	8.17	43	235622	19.18	ug/l	98
48) Methyl methacrylate	9.18	41	7353	1.19	ug/l	# 11
51) 4-Methyl-2-Pentanone	9.99	43	2584	0.31	ug/l	91
56) Ethyl methacrylate	10.28	69	59	1.91	ug/l	# 1
59) 2-Hexanone	10.77	43	15206	2.84	ug/l	# 60
67) Ethyl Benzene	11.51	91	15208	0.41	ug/l	100
68) m/p-Xylenes	11.62	106	15856	1.12	ug/l	91
69) o-Xylene	11.95	106	5067	0.38	ug/l	92
70) Styrene	11.96	104	549	0.96	ug/l	# 63
71) Bromoform	12.41	173	3481	0.61	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.42	83	61	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	188467	36.46	ug/l	# 100
78) n-propylbenzene	12.59	91	9269	0.34	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	13966	0.70	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	188467	131.95	ug/l	# 13
83) tert-Butylbenzene	13.04	119	6079	0.35	ug/l	# 74
84) 1,2,4-Trimethylbenzene	13.04	105	39576	1.98	ug/l	98
85) sec-Butylbenzene	13.04	105	39576	1.76	ug/l	# 56
90) Hexachloroethane	13.90	117	896	0.23	ug/l	# 4
93) 1,2,4-Trichlorobenzene	14.91	180	157	2.70	ug/l	# 1
95) Naphthalene	15.13	128	8488	4.50	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

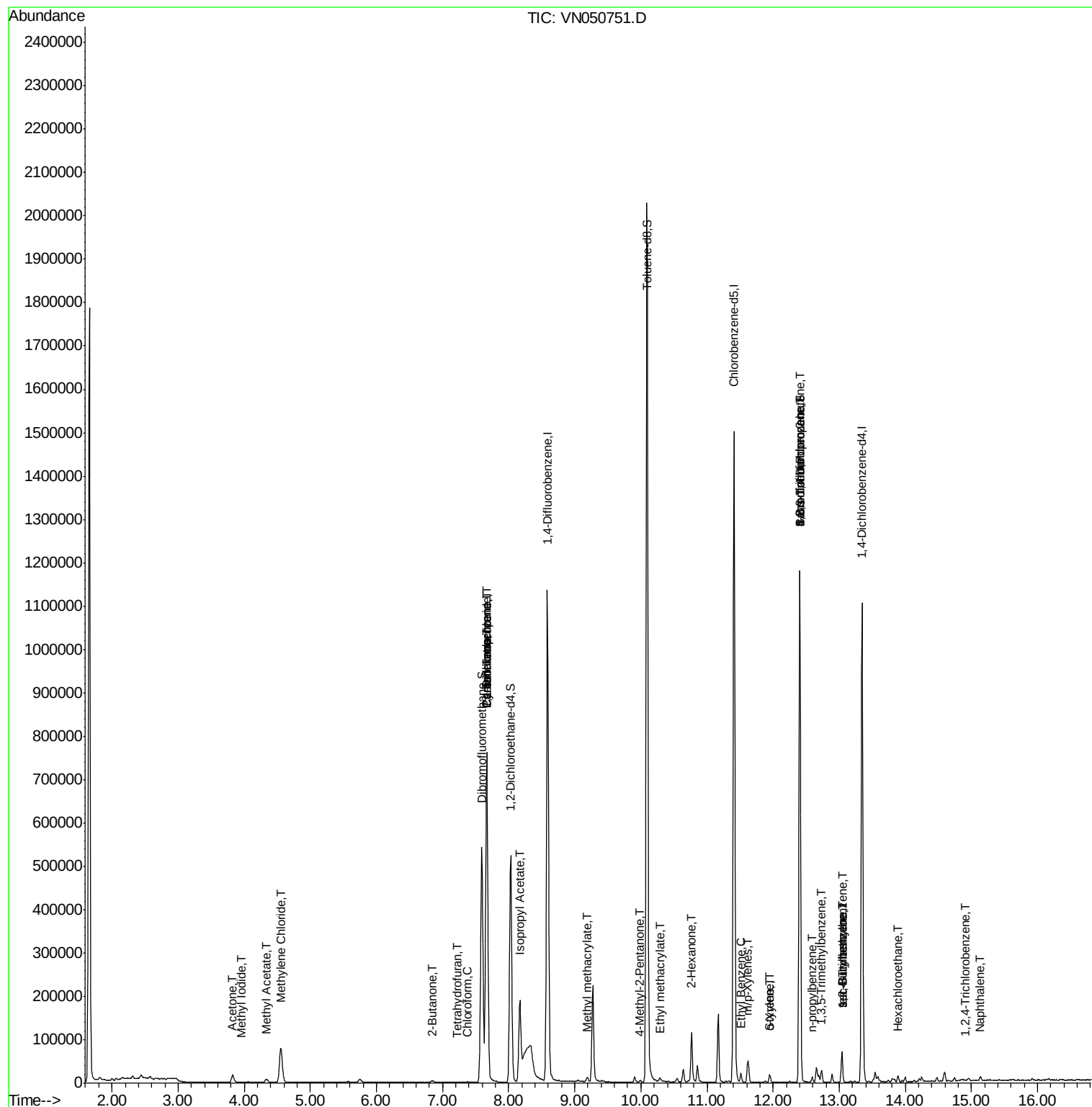
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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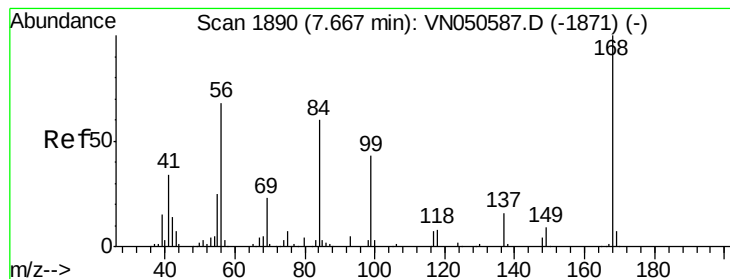
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081718\
Data File : VN050751.D
Acq On : 18 Aug 2018 4:58
Operator : MD\SY
Sample : J4521-03
Misc : 5.00mL/MSVOA N/WATER
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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: VN050751.D

Acq: 18 Aug 2018 4:58

Instrument :

MSVOA_N

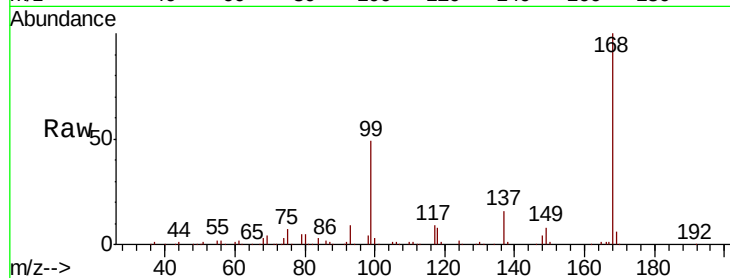
ClientSampleId :

Tot Ion:168 Resp: 659589

Ion Ratio Lower Upper

168 100

99 49.4 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

250000

200000

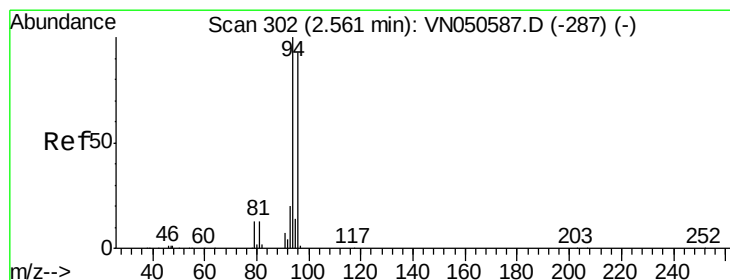
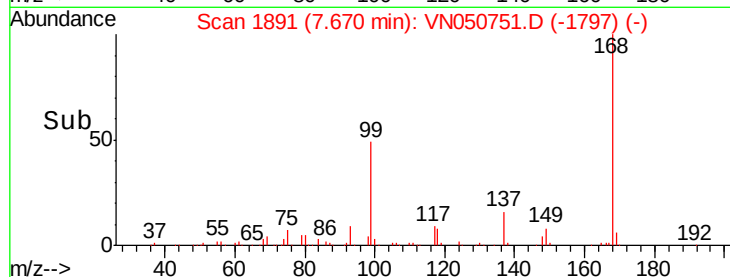
150000

100000

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Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 304

Delta R.T. 0.01 min

Lab File: VN050751.D

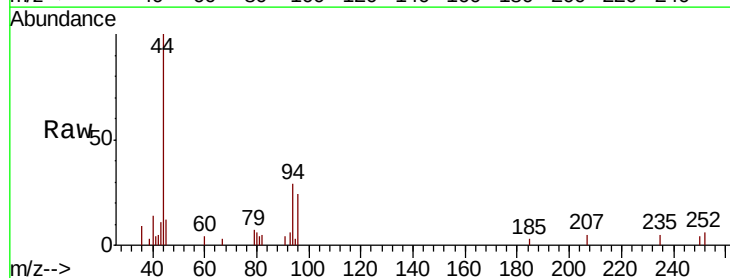
Acq: 18 Aug 2018 4:58

Tgt Ion: 94 Resp: 3230

Ion Ratio Lower Upper

94 100

96 72.3 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

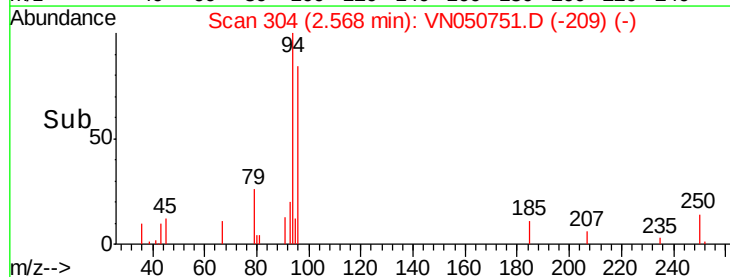
1500

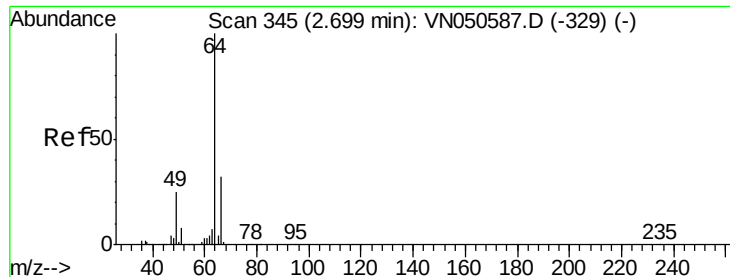
1000

500

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Time-->





#6

Chloroethane

Concen: Below Cal

RT: 2.72 min Scan# 350

Delta R.T. 0.02 min

Lab File: VN050751.D

Acq: 18 Aug 2018 4:58

Instrument :

MSVOA_N

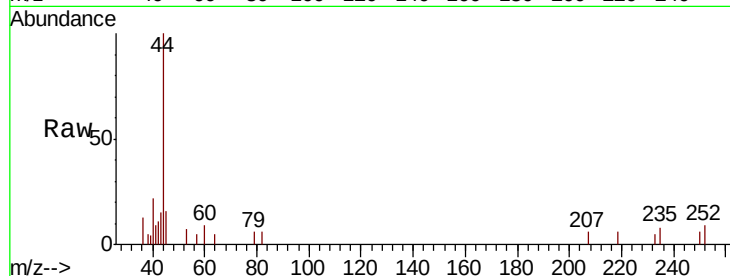
ClientSampleId :

Tot Ion: 64 Resp: 157

Ion Ratio Lower Upper

64 100

66 0.0 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VN050751.D (-252) (-)

Ion 65.90 (65.60 to 66.60): VN050751.D (-252) (-)

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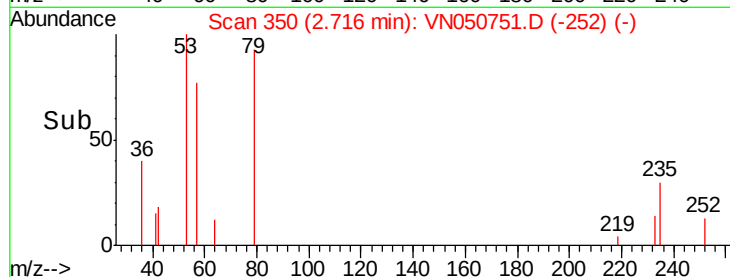
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Abundance Ion 63.90 (63.60 to 64.60): VN050751.D (-252) (-)

Ion 65.90 (65.60 to 66.60): VN050751.D (-252) (-)

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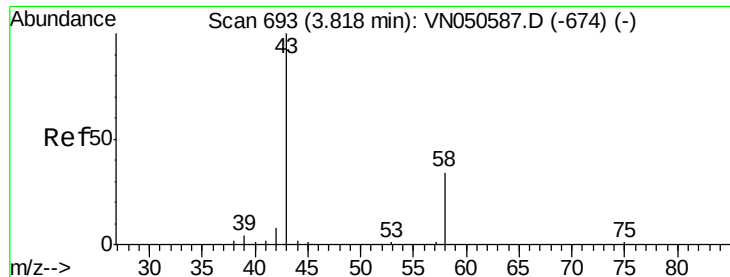
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#16

Acetone

Concen: 12.57 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050751.D

Acq: 18 Aug 2018 4:58

Instrument :

MSVOA_N

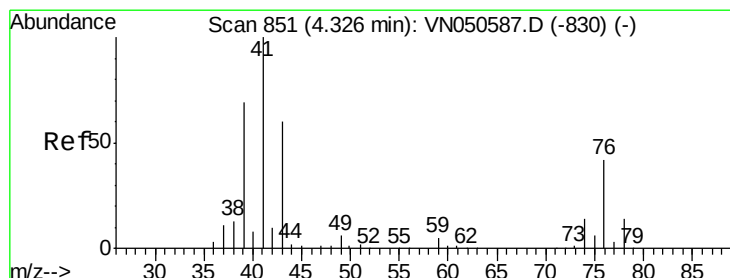
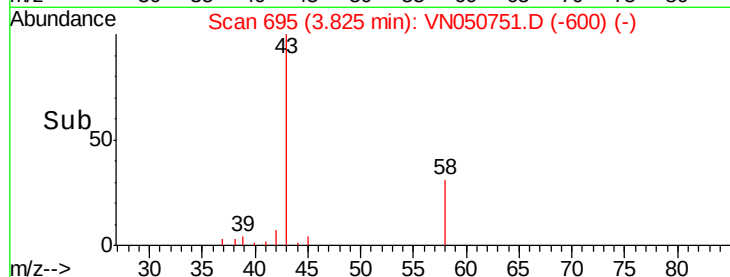
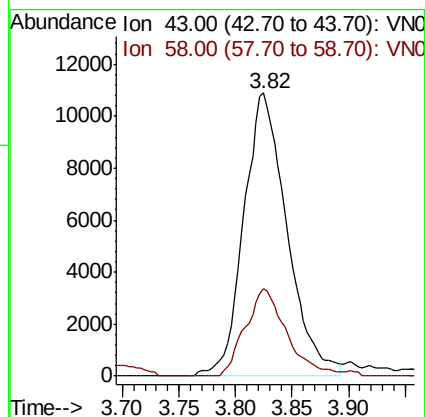
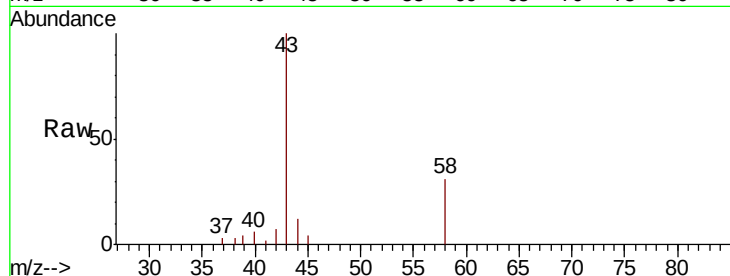
ClientSampled :

Tot Ion: 43 Resp: 28948

Ion Ratio Lower Upper

43 100

58 30.7 27.1 40.7



#18

Methyl Acetate

Concen: 1.69 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN050751.D

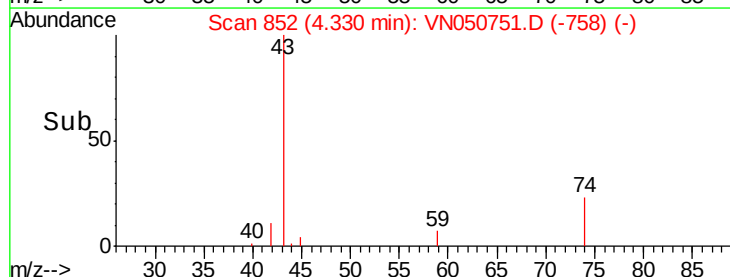
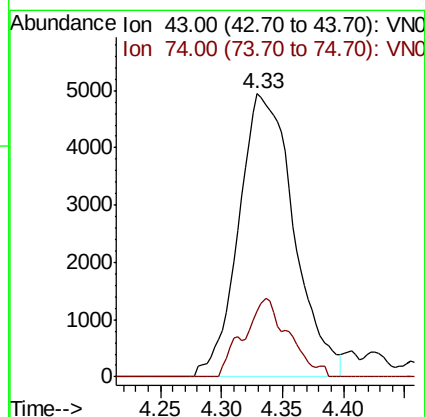
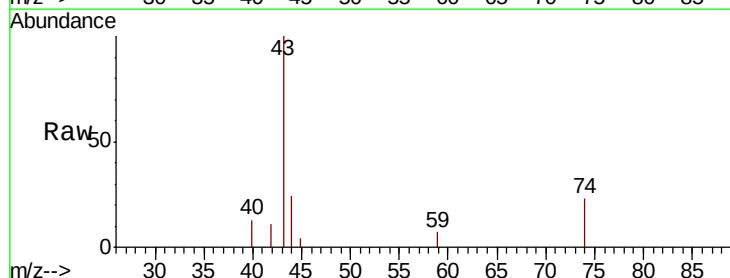
Acq: 18 Aug 2018 4:58

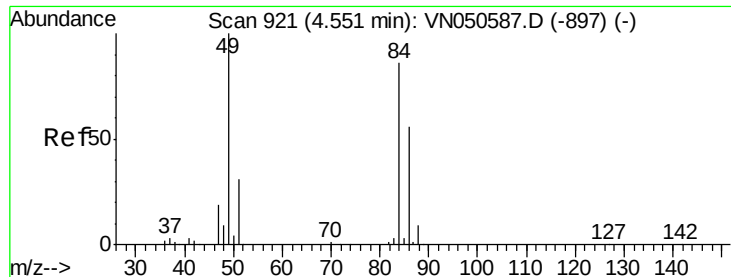
Tgt Ion: 43 Resp: 15510

Ion Ratio Lower Upper

43 100

74 18.8 19.7 29.5#

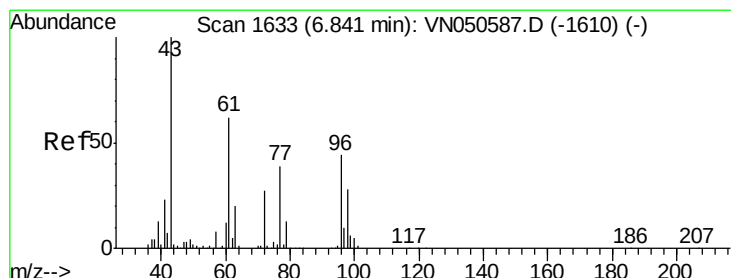
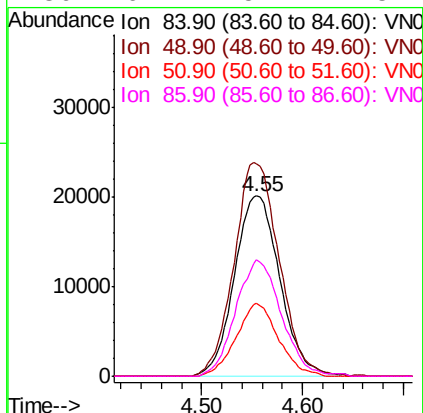
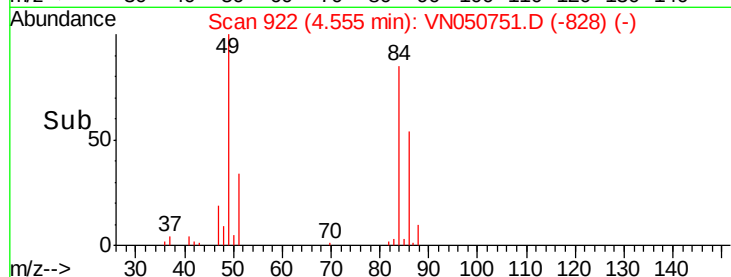
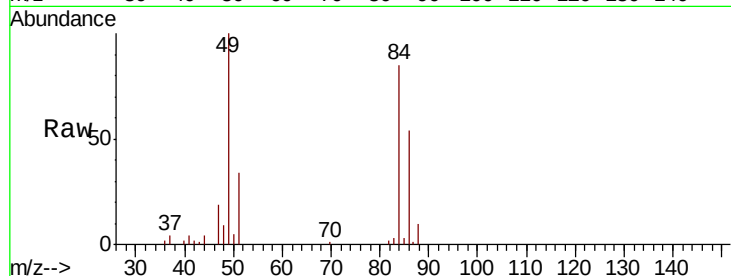




#20
Methvlene Chloride
Concen: 6.85 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

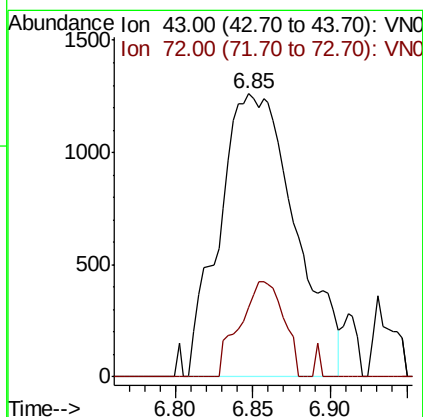
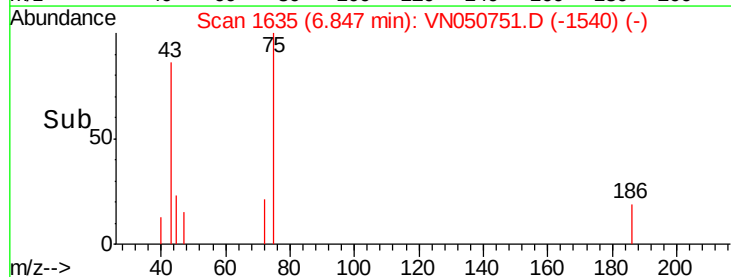
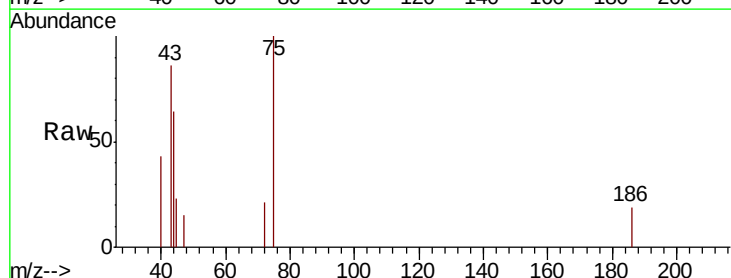
Instrument :
MSVOA_N
ClientSampleId :

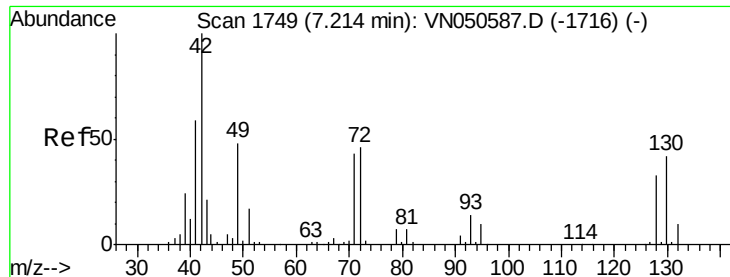
Tot Ion: 84 Resp: 62804
Ion Ratio Lower Upper
84 100
49 118.2 92.6 138.8
51 40.4 28.6 43.0
86 64.4 52.2 78.2



#25
2-Butanone
Concen: 1.26 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

Tgt Ion: 43 Resp: 4303
Ion Ratio Lower Upper
43 100
72 24.6 21.8 32.6





#29

Tetrahydrofuran

Concen: 0.34 ug/l

RT: 7.23 min Scan# 1754

Delta R.T. 0.02 min

Lab File: VN050751.D

Acq: 18 Aug 2018 4:58

Instrument :

MSVOA_N

ClientSampled :

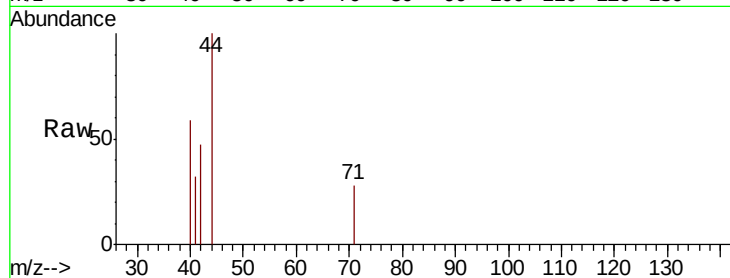
Tot Ion: 42 Resp: 611

Ion Ratio Lower Upper

42 100

72 9.8 35.8 53.6#

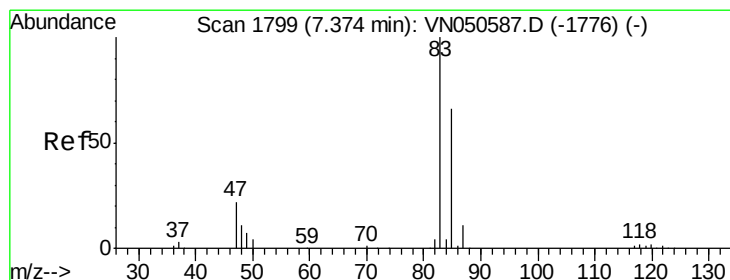
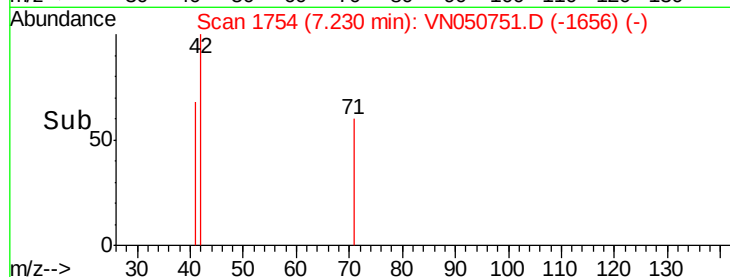
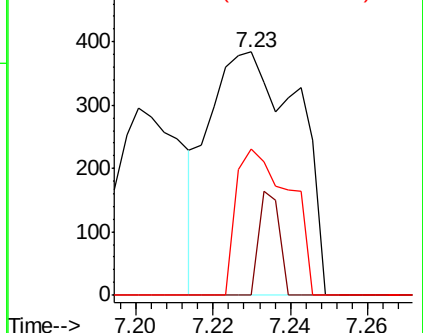
71 36.0 33.4 50.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.20 ug/l

RT: 7.37 min Scan# 1797

Delta R.T. -0.01 min

Lab File: VN050751.D

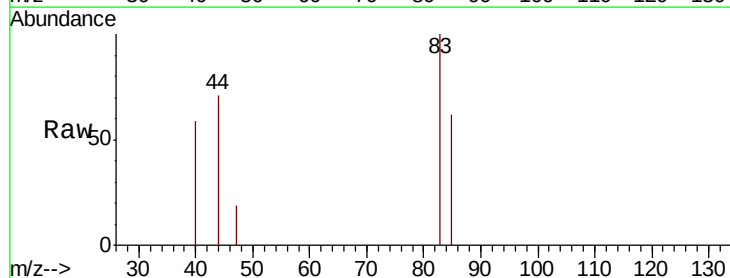
Acq: 18 Aug 2018 4:58

Tgt Ion: 83 Resp: 3047

Ion Ratio Lower Upper

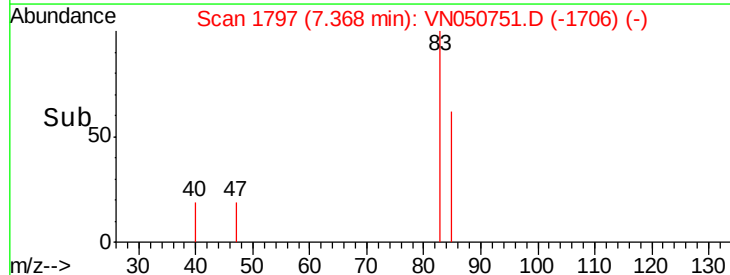
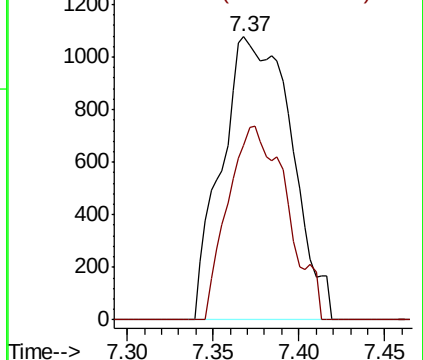
83 100

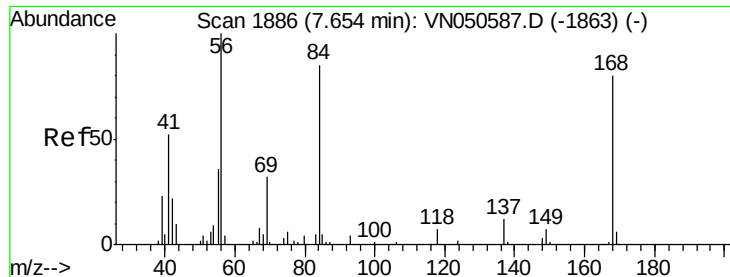
85 61.7 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

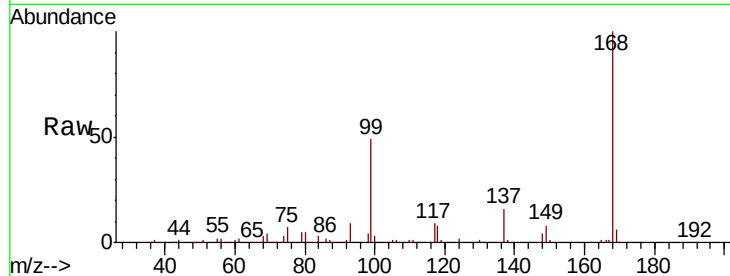




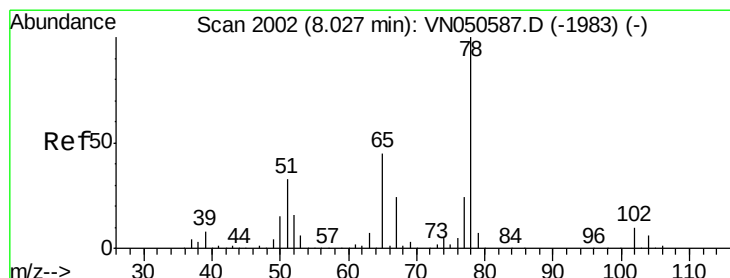
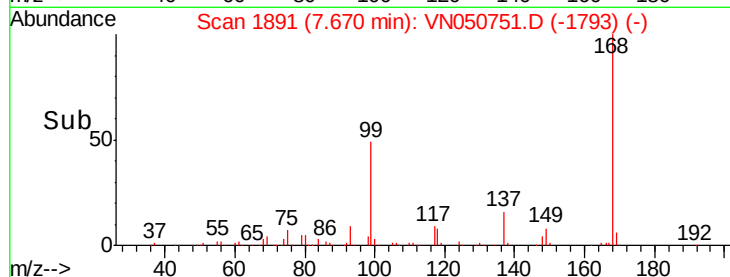
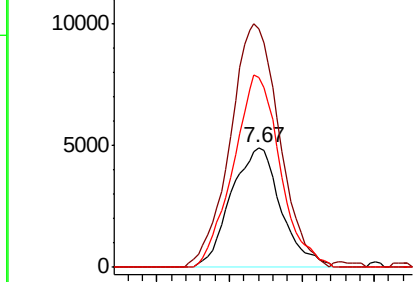
#31
Cyclohexane
Concen: 0.59 ug/l
RT: 7.67 min Scan# 1891
Delta R.T. 0.02 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 11709
Ion Ratio Lower Upper
56 100
69 197.1 25.8 38.6#
84 159.2 67.8 101.6#

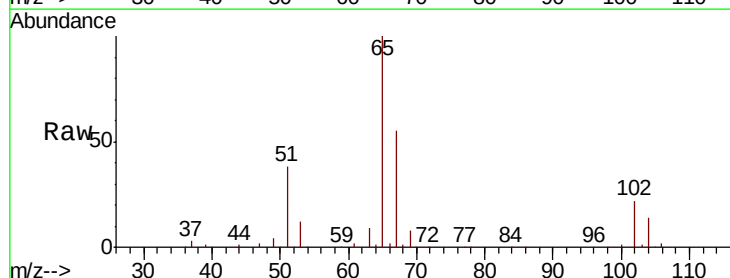


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

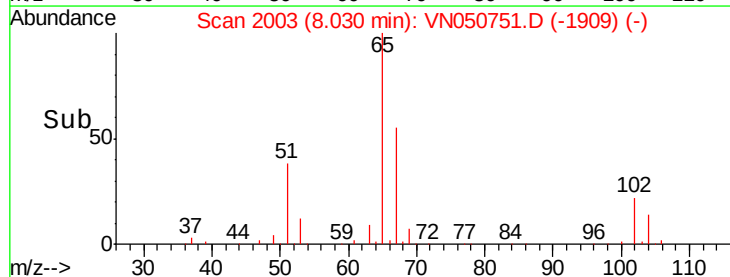
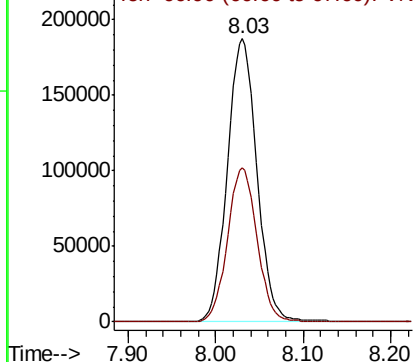


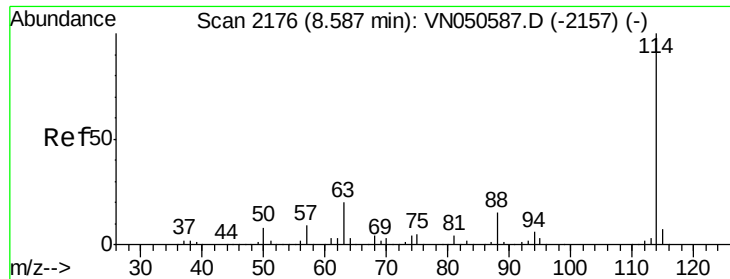
#33
1,2-Dichloroethane-d4
Concen: 52.92 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

Tgt Ion: 65 Resp: 439948
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.8



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

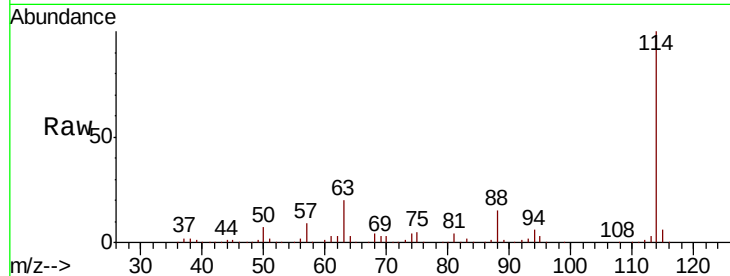




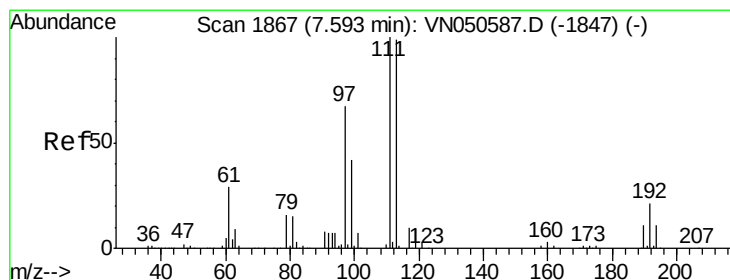
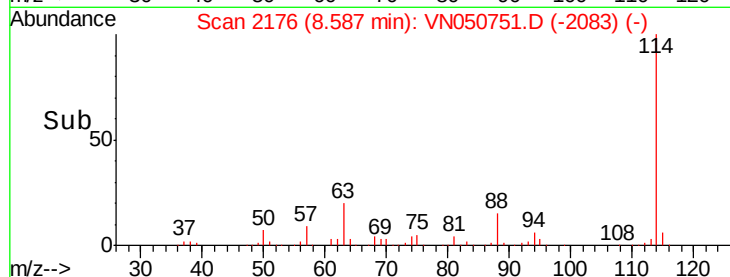
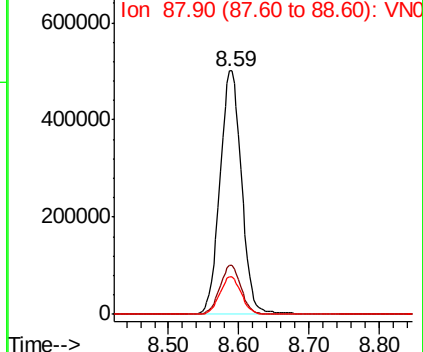
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:114 Resp: 1071401
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.0
88 15.4 0.0 30.8

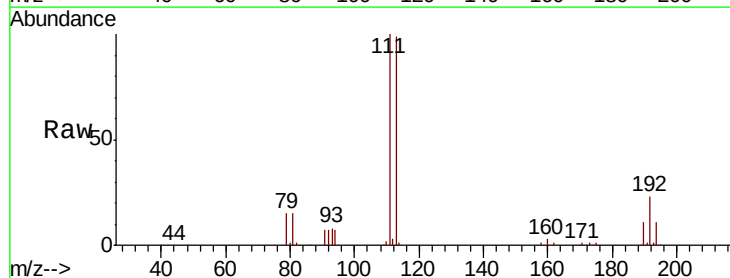


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

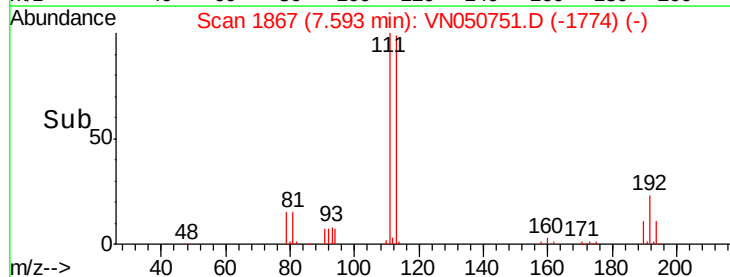
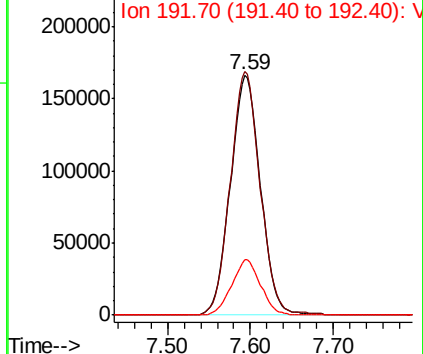


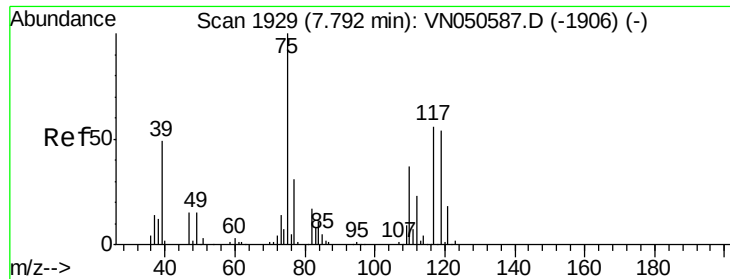
#35
Dibromofluoromethane
Concen: 49.05 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

Tgt Ion:113 Resp: 419551
Ion Ratio Lower Upper
113 100
111 100.8 81.0 121.6
192 22.4 17.6 26.4



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

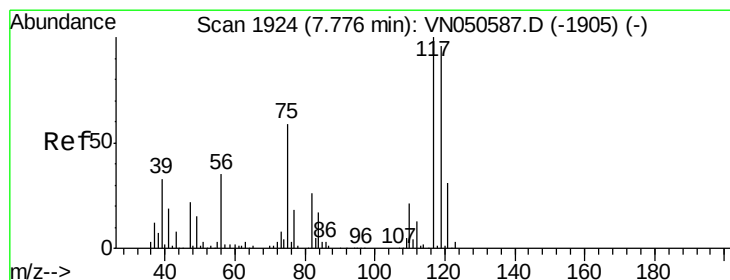
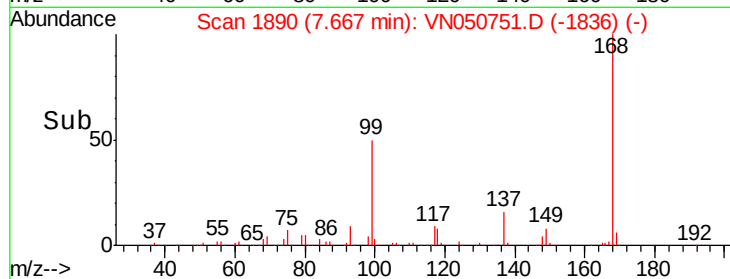
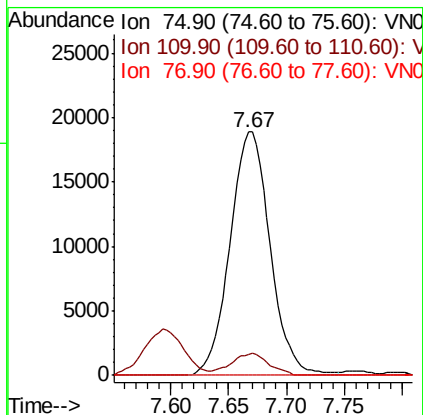
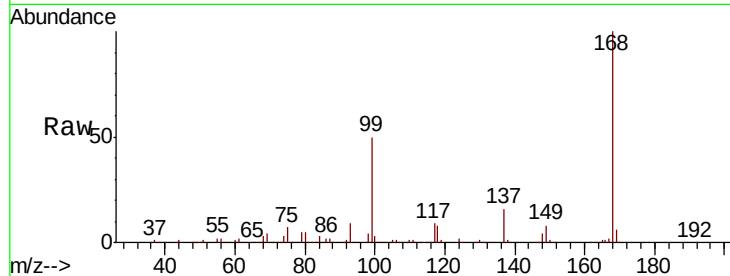




#36
 1,1-Dichloropropene
 Concen: 3.81 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050751.D
 Acq: 18 Aug 2018 4:58

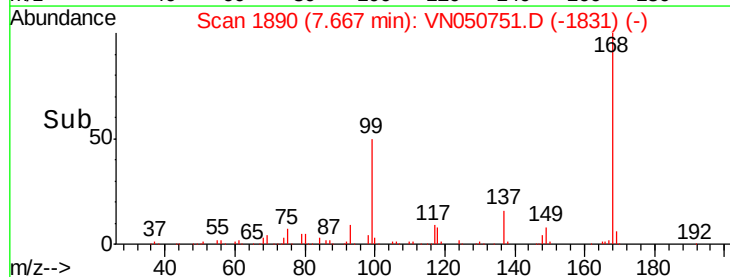
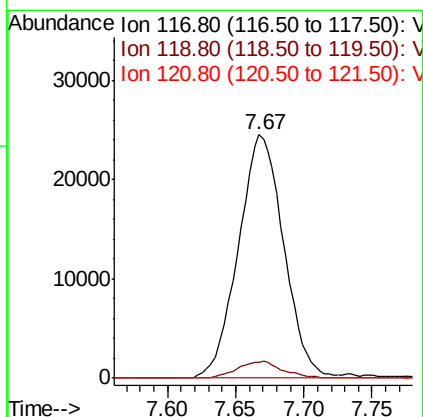
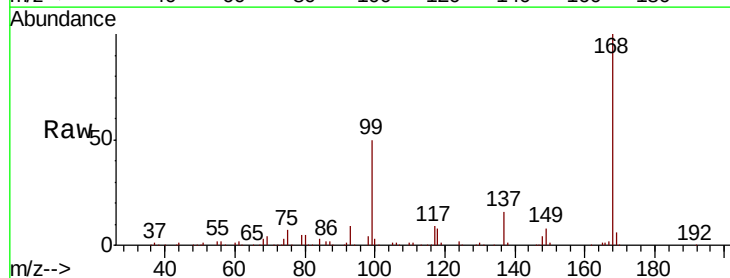
Instrument :
 MSVOA_N
 ClientSampleId :

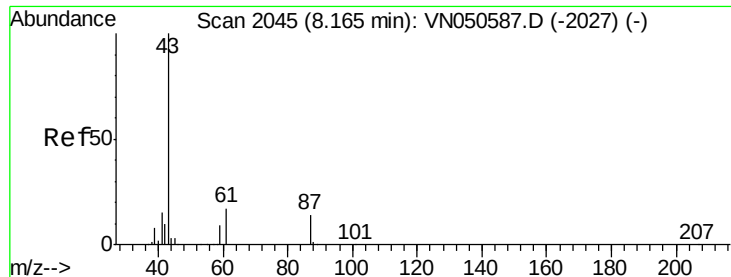
Tot Ion	75	Resp	45427
Ion Ratio	Lower	Upper	
75	100		
110	8.4	18.3	54.9#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 4.56 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050751.D
 Acq: 18 Aug 2018 4:58

Tgt Ion	117	Resp	56474
Ion Ratio	Lower	Upper	
117	100		
119	6.7	76.6	115.0#
121	0.0	25.0	37.6#





#43

Isopropyl Acetate

Concen: 19.18 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050751.D

Acq: 18 Aug 2018 4:58

Instrument :

MSVOA_N

ClientSampleId :

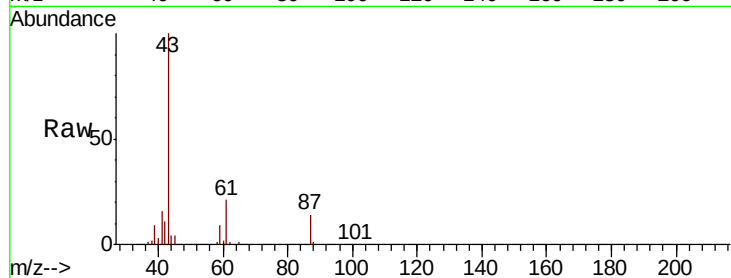
Tot Ion: 43 Resp: 235622

Ion Ratio Lower Upper

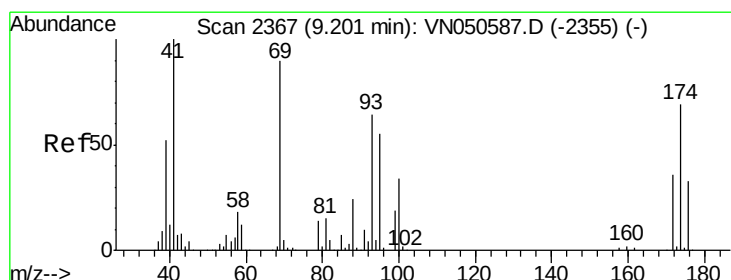
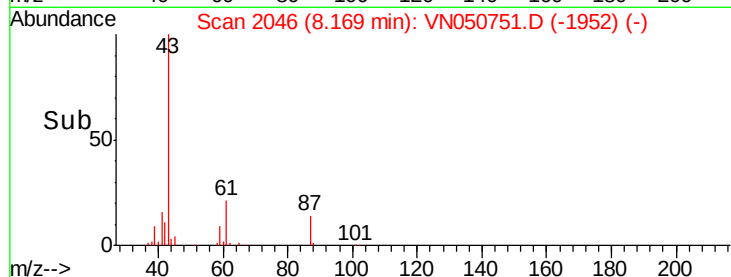
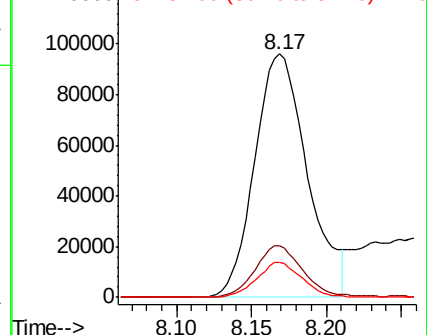
43 100

61 19.3 16.2 24.2

87 12.5 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 1.19 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN050751.D

Acq: 18 Aug 2018 4:58

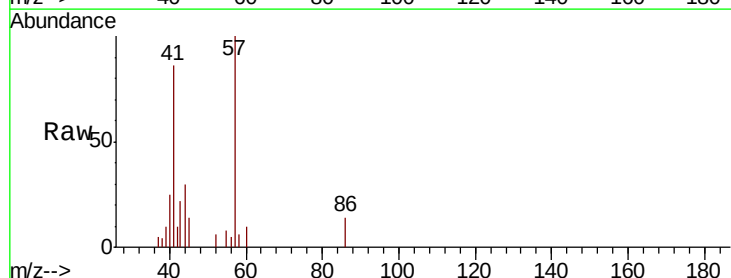
Tgt Ion: 41 Resp: 7353

Ion Ratio Lower Upper

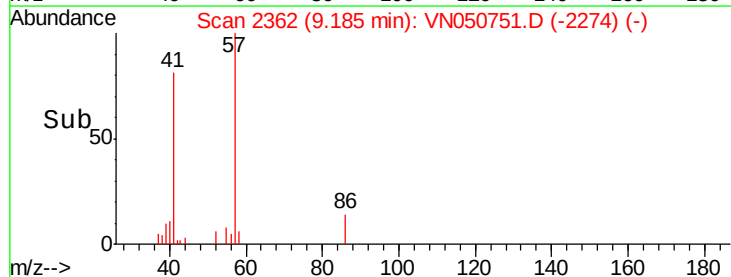
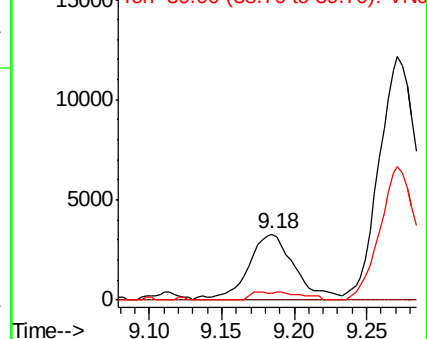
41 100

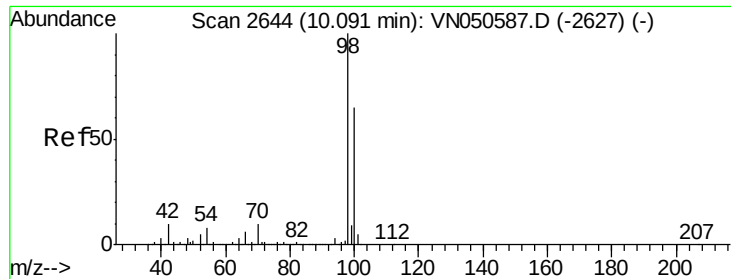
69 0.0 73.4 110.0#

39 0.0 43.0 64.6#



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

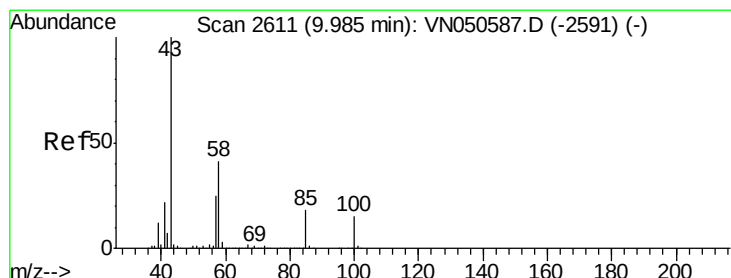
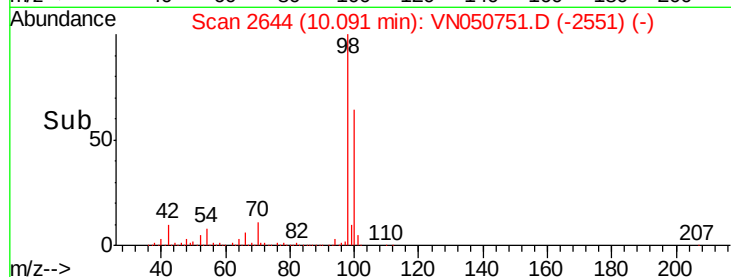
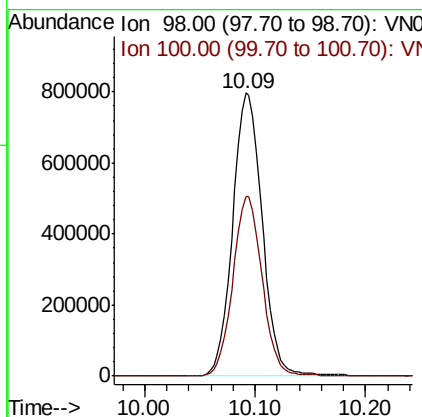
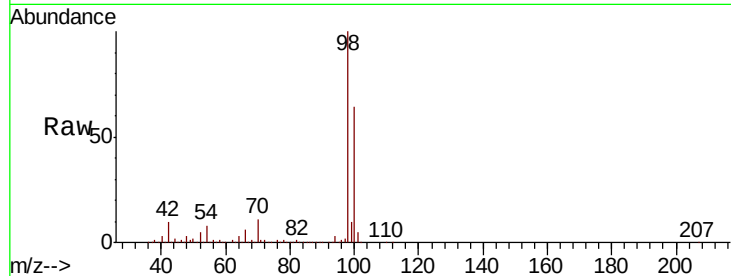




#50
Toluene-d8
Concen: 45.95 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

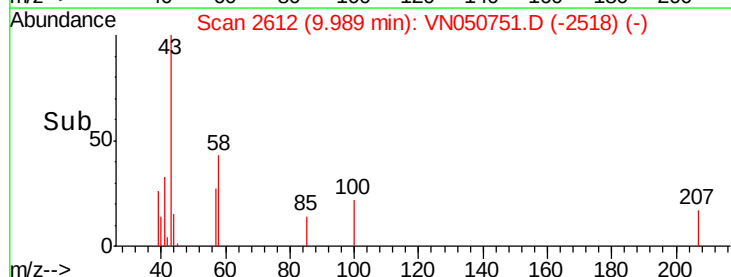
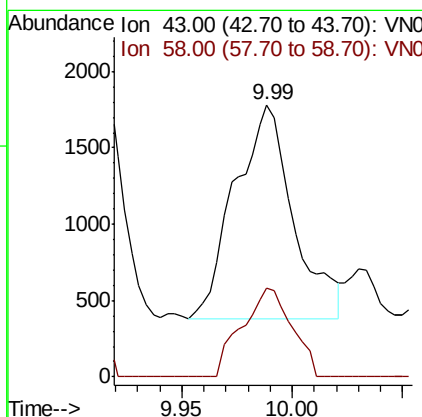
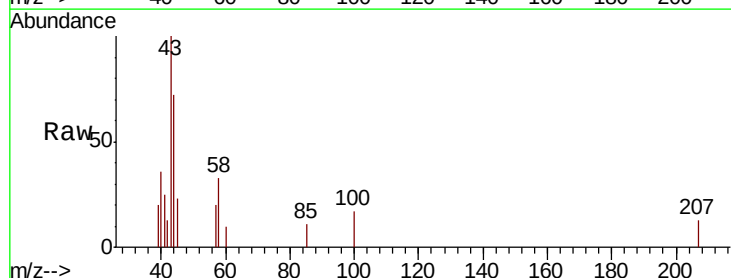
Instrument :
MSVOA_N
ClientSampled :

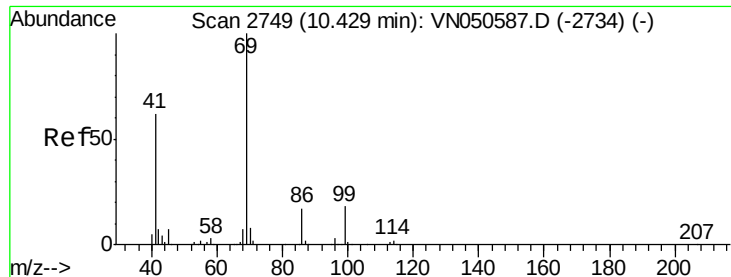
Tot Ion: 98 Resp: 1479212
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 0.31 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

Tgt Ion: 43 Resp: 2584
Ion Ratio Lower Upper
43 100
58 35.3 32.5 48.7





#56

Ethyl methacrylate

Concen: 1.91 ug/l

RT: 10.28 min Scan# 2704

Delta R.T. -0.14 min

Lab File: VN050751.D

Acq: 18 Aug 2018 4:58

Instrument :

MSVOA_N

ClientSampleId :

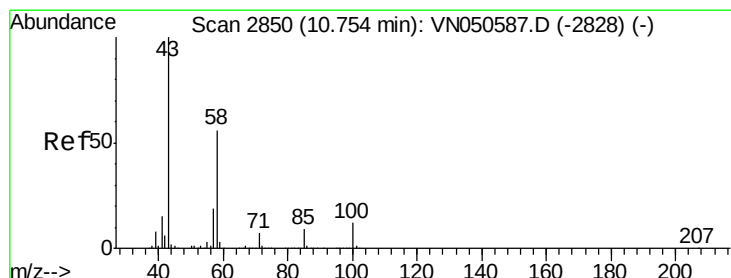
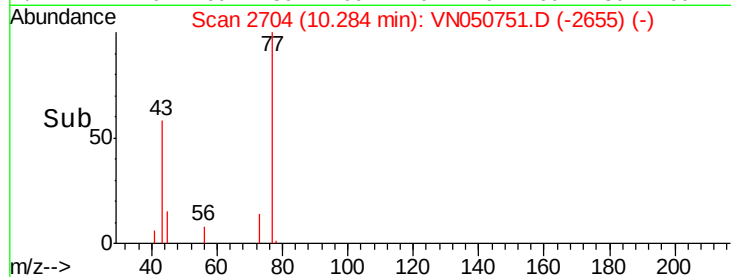
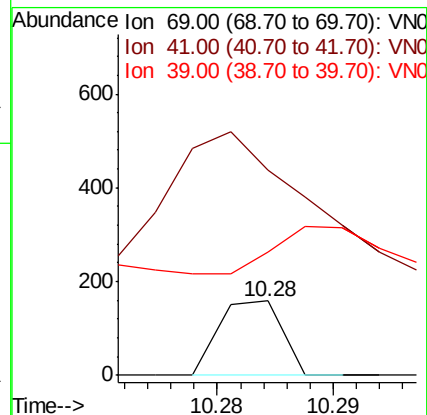
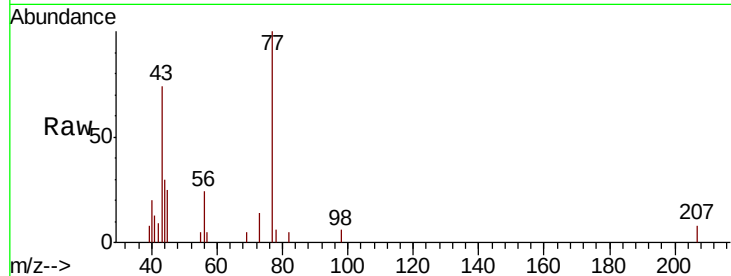
Tot Ion: 69 Resp: 59

Ion Ratio Lower Upper

69 100

41 635.6 49.7 74.5#

39 581.4 24.2 36.2#



#59

2-Hexanone

Concen: 2.84 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050751.D

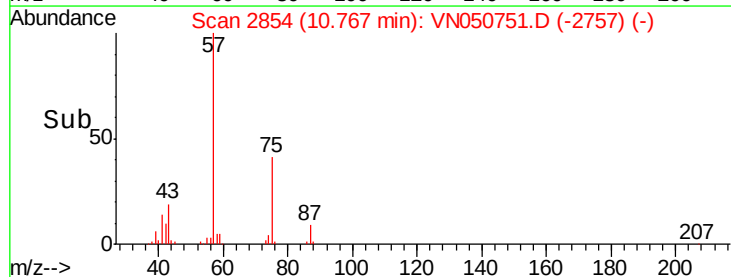
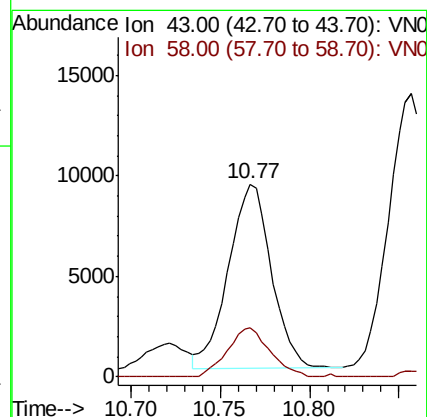
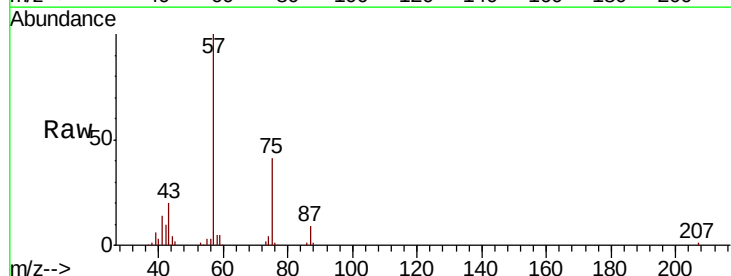
Acq: 18 Aug 2018 4:58

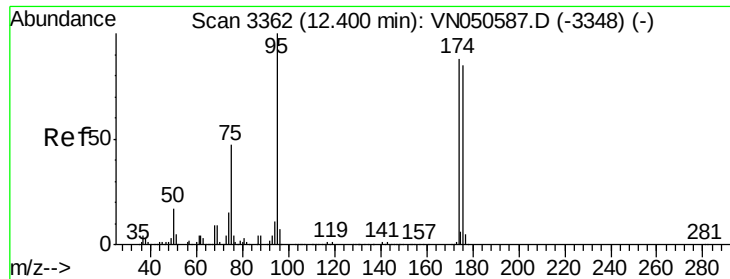
Tgt Ion: 43 Resp: 15206

Ion Ratio Lower Upper

43 100

58 26.6 28.0 84.0#

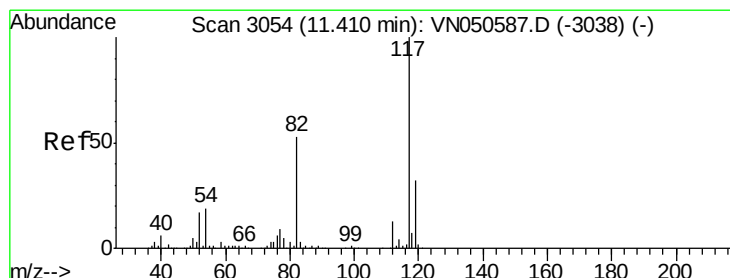
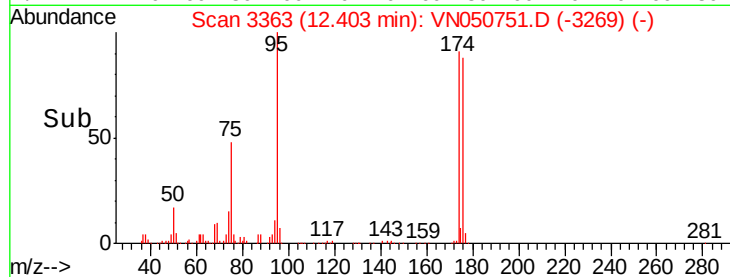
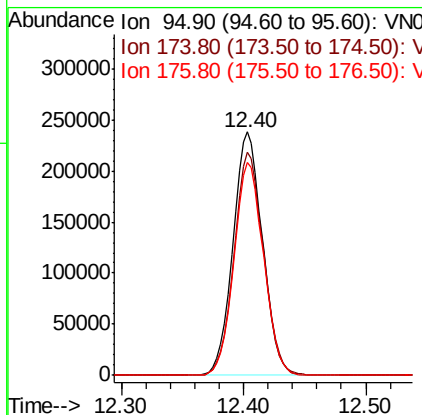
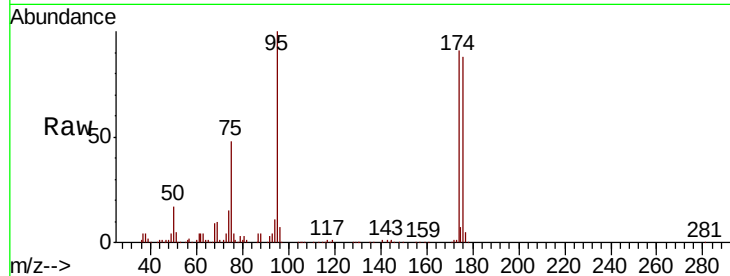




#62
4-Bromofluorobenzene
Concen: 37.50 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

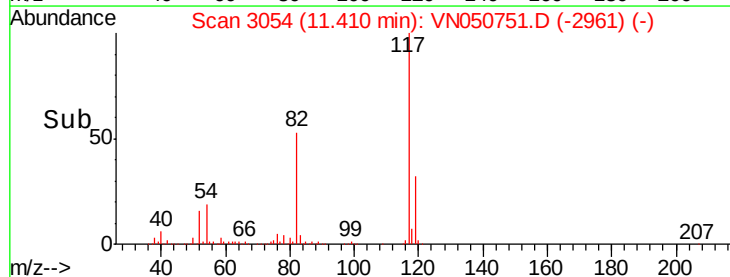
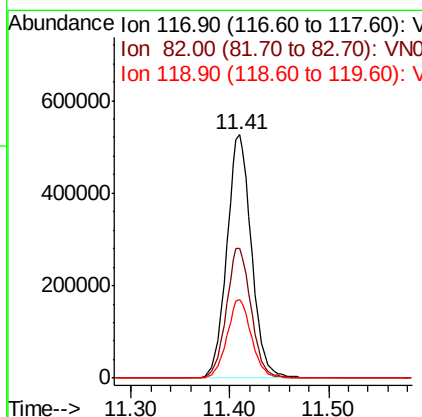
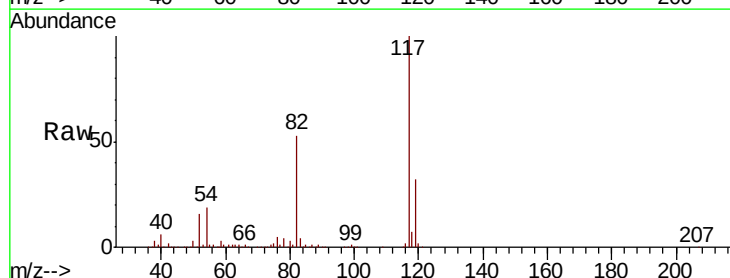
Instrument :
MSVOA_N
ClientSampleId :

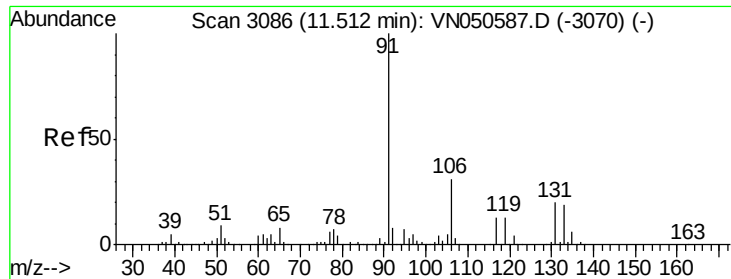
Tot Ion: 95 Resp: 398794
Ion Ratio Lower Upper
95 100
174 91.3 0.0 177.8
176 87.6 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

Tgt Ion: 117 Resp: 918260
Ion Ratio Lower Upper
117 100
82 53.1 42.4 63.6
119 32.4 25.8 38.8

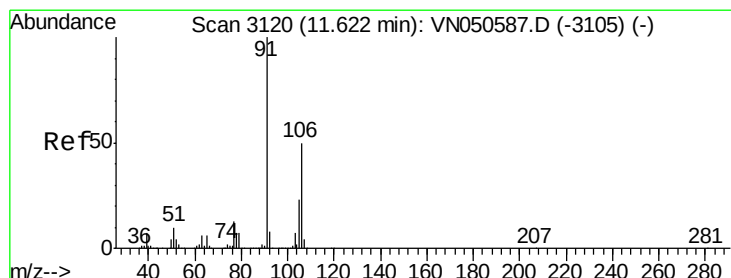
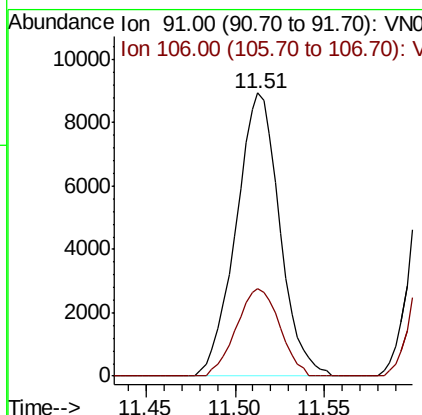
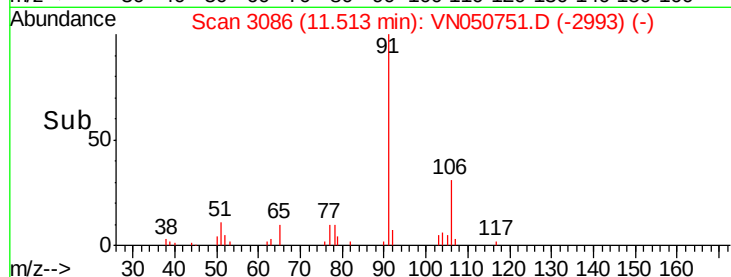
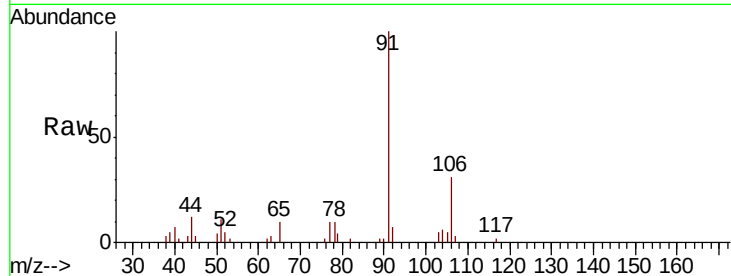




#67
Ethyl Benzene
Concen: 0.41 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

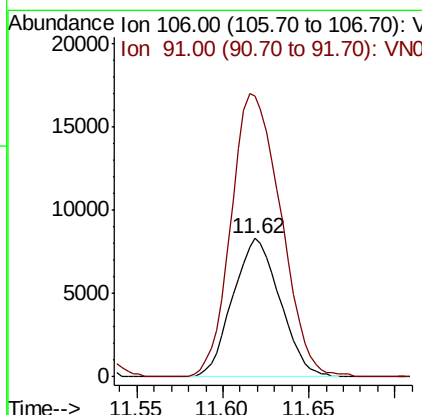
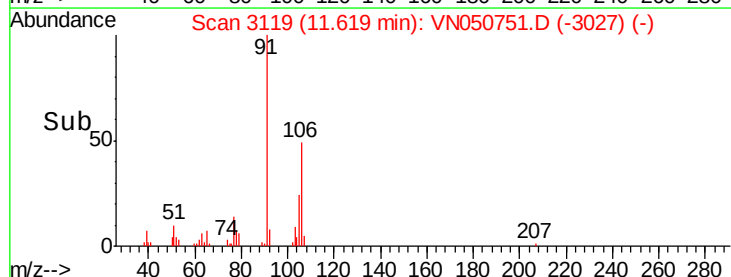
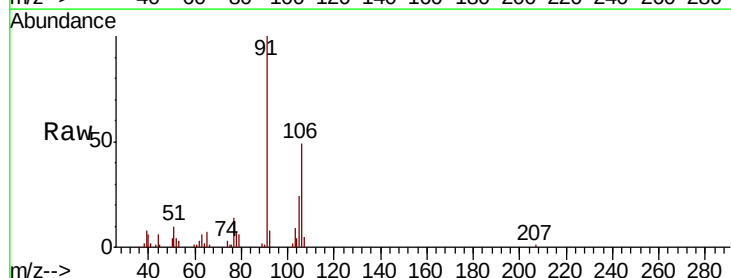
Instrument :
MSVOA_N
ClientSampled :

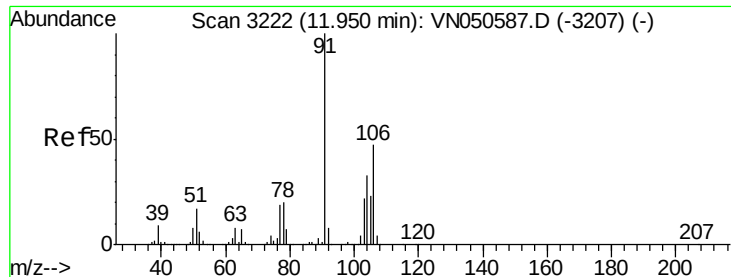
Tot Ion: 91 Resp: 15208
Ion Ratio Lower Upper
91 100
106 30.8 24.8 37.2



#68
m/p-Xylenes
Concen: 1.12 ug/l
RT: 11.62 min Scan# 3119
Delta R.T. -0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

Tgt Ion: 106 Resp: 15856
Ion Ratio Lower Upper
106 100
91 215.8 161.5 242.3

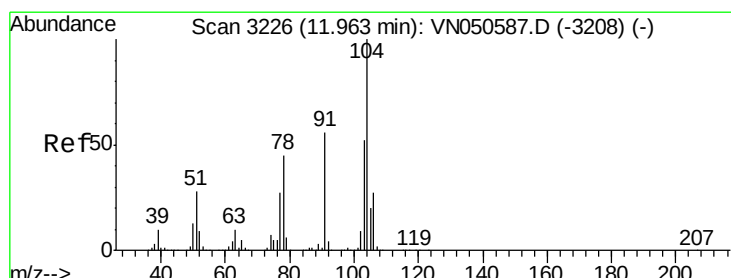
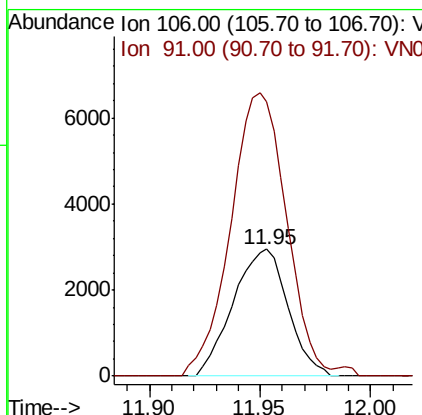
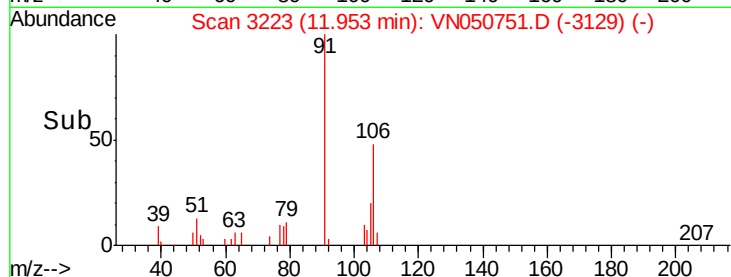
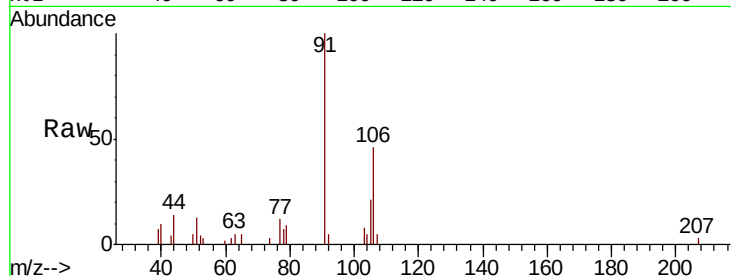




#69
o-Xylene
Concen: 0.38 ug/l
RT: 11.95 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

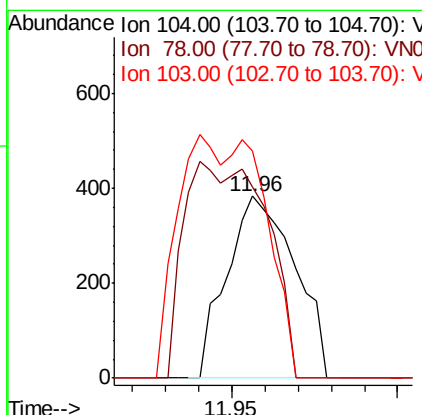
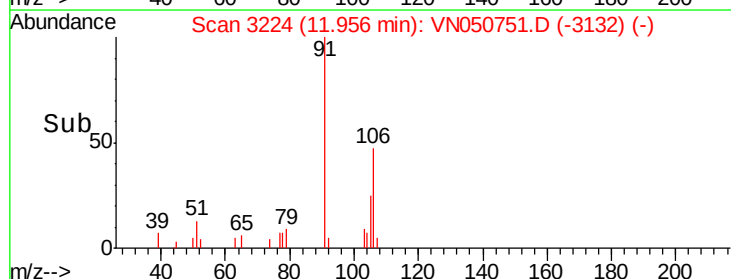
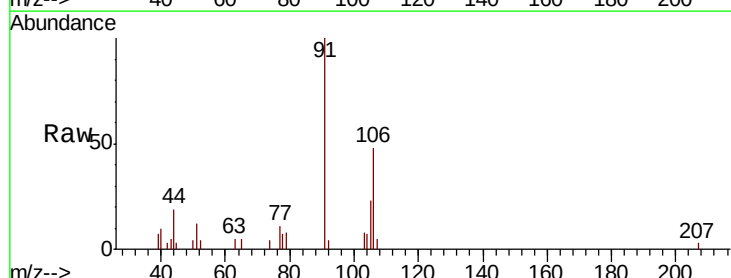
Instrument :
MSVOA_N
ClientSampled :

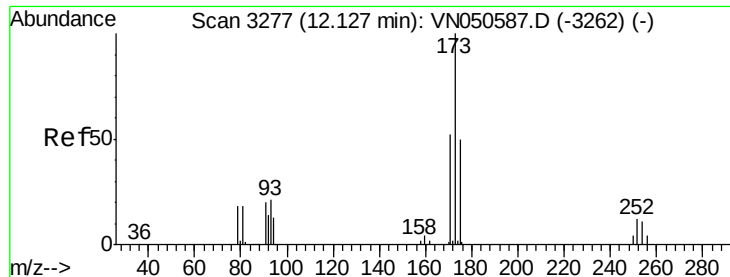
Tot Ion:106 Resp: 5067
Ion Ratio Lower Upper
106 100
91 227.0 106.8 320.4



#70
Styrene
Concen: 0.96 ug/l
RT: 11.96 min Scan# 3224
Delta R.T. -0.01 min
Lab File: VN050751.D
Acq: 18 Aug 2018 4:58

Tgt Ion:104 Resp: 549
Ion Ratio Lower Upper
104 100
78 69.0 39.1 58.7#
103 88.0 44.9 67.3#





#71

Bromoform

Concen: 0.61 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.28 min

Lab File: VN050751.D

Acq: 18 Aug 2018 4:58

Instrument :

MSVOA_N

ClientSampleId :

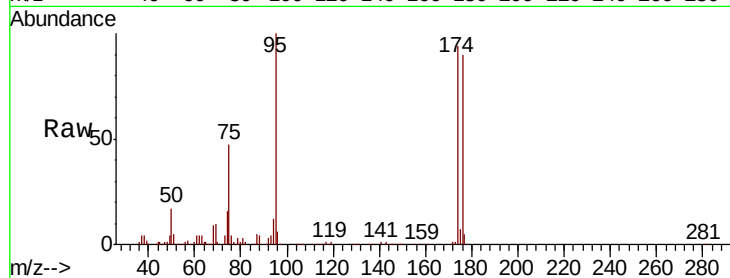
Tot Ion:173 Resp: 3481

Ion Ratio Lower Upper

173 100

175 639.1 24.4 73.2#

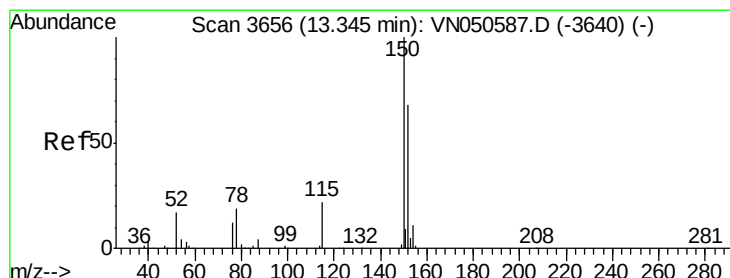
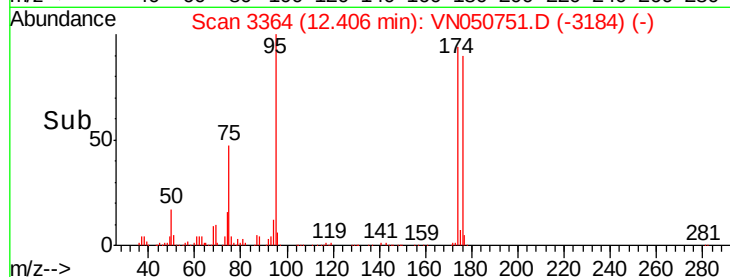
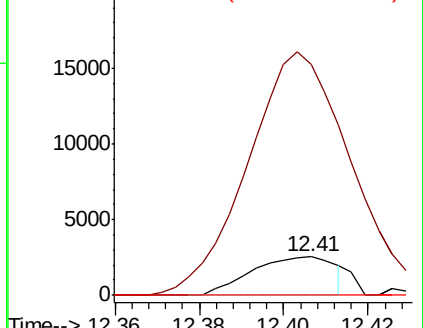
254 0.0 0.0 0.0



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: VN050751.D

Acq: 18 Aug 2018 4:58

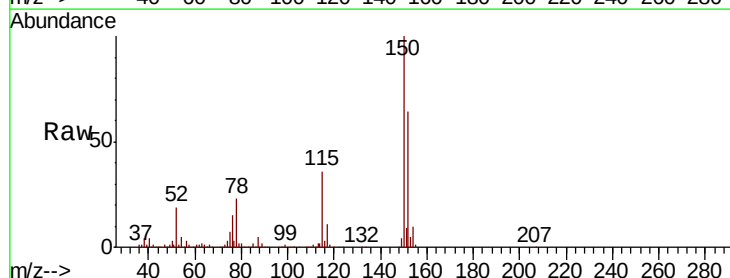
Tgt Ion:152 Resp: 317548

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

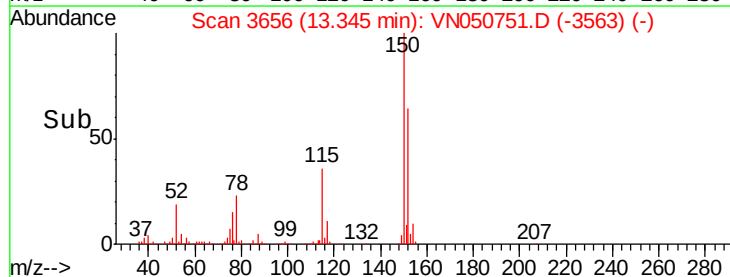
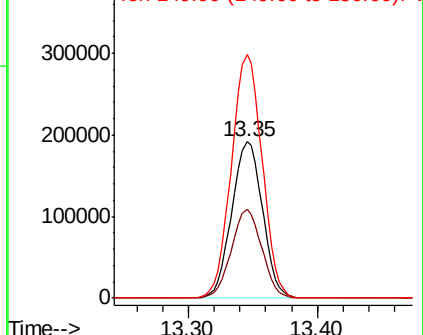
150 155.5 0.0 347.8

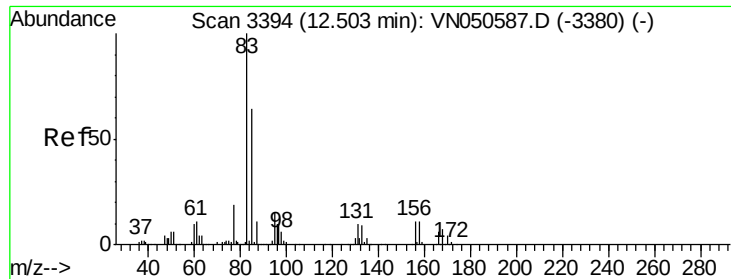


Abundance Ion 151.90 (151.60 to 152.60): V

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: 12.42 min Scan# 3367

Delta R.T. -0.09 min

Lab File: VN050751.D

Acq: 18 Aug 2018 4:58

Instrument :

MSVOA_N

ClientSampleId :

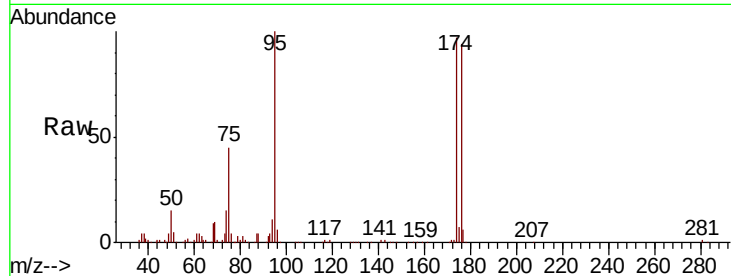
Tot Ion: 83 Resp: 61

Ion Ratio Lower Upper

83 100

131 857.4 5.3 15.9#

85 0.0 32.1 96.5#



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

500

400

300

200

100

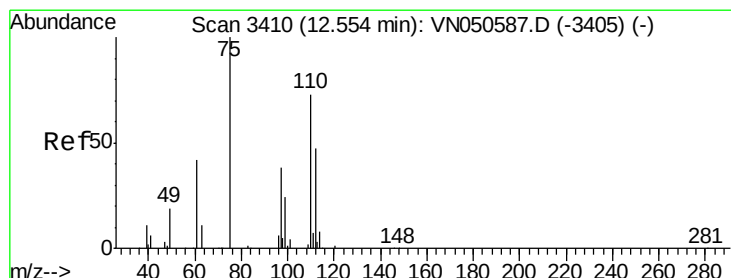
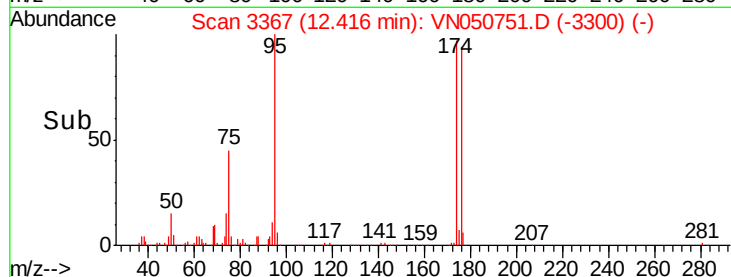
0

12.40

12.41

12.42

Time-->



#76

1,2,3-Trichloropropane

Concen: 36.46 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050751.D

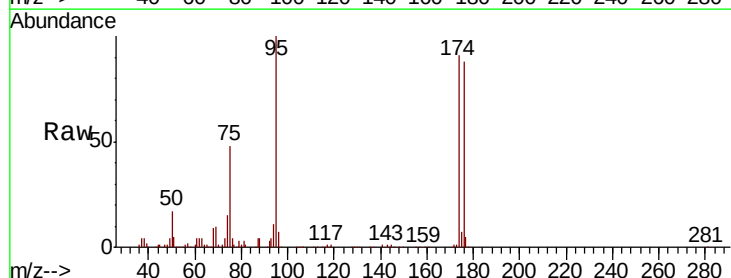
Acq: 18 Aug 2018 4:58

Tgt Ion: 75 Resp: 188467

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

100000

50000

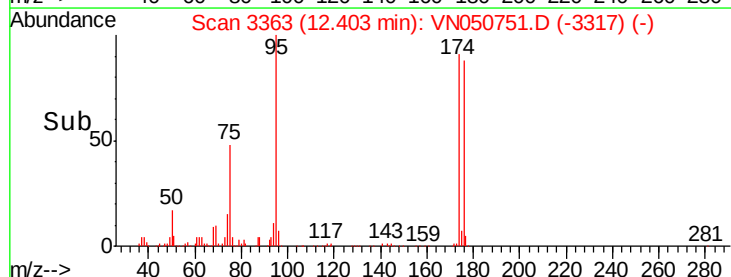
0

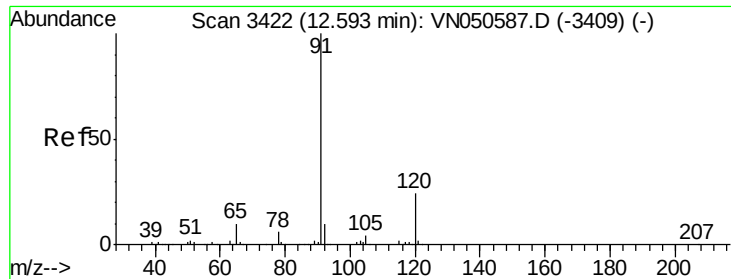
12.35

12.40

12.45

Time-->





#78

n-propylbenzene

Concen: 0.34 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050751.D

Acq: 18 Aug 2018 4:58

Instrument :

MSVOA_N

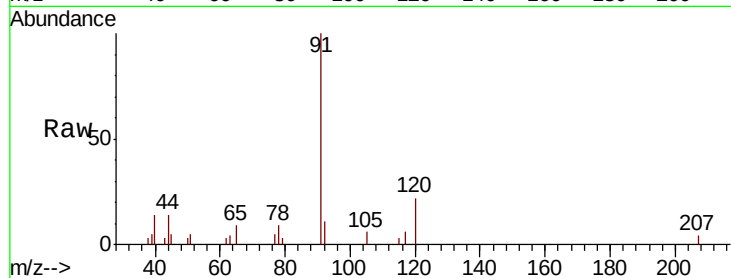
ClientSampled :

Tot Ion: 91 Resp: 9269

Ion Ratio Lower Upper

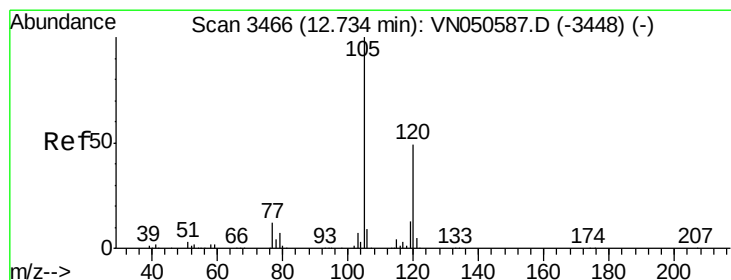
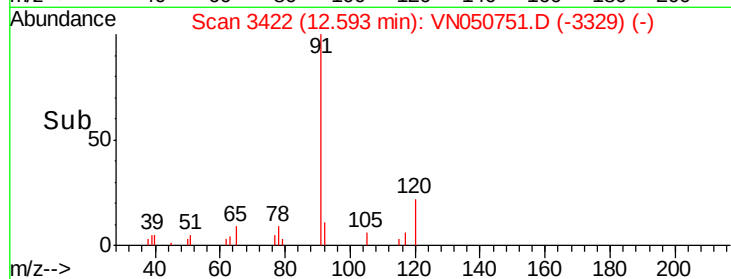
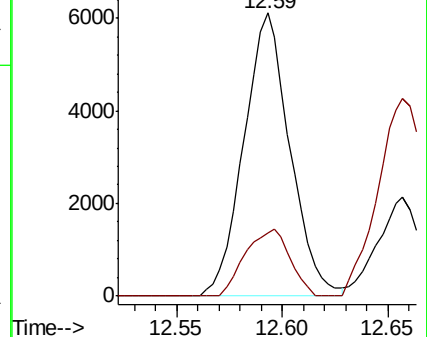
91 100

120 22.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN050751.D (-3329) (-)

Ion 120.00 (119.70 to 120.70): VN050751.D (-3329) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.70 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050751.D

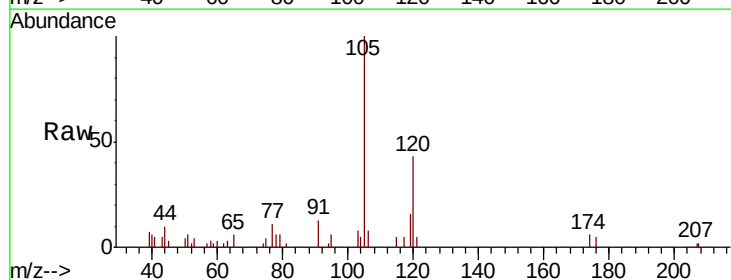
Acq: 18 Aug 2018 4:58

Tgt Ion:105 Resp: 13966

Ion Ratio Lower Upper

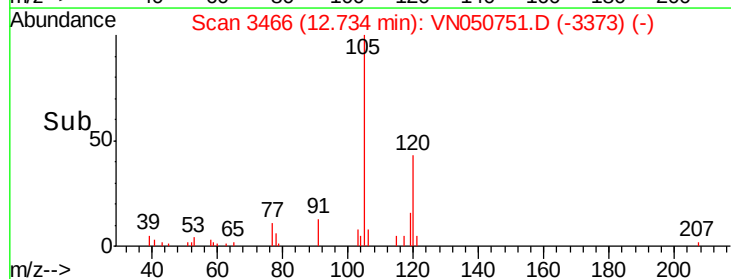
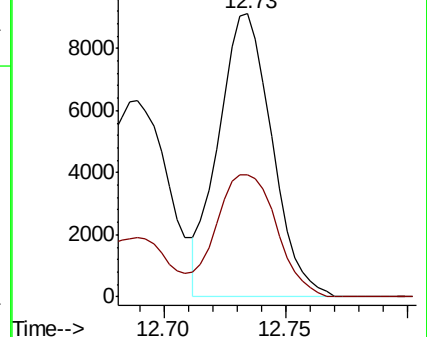
105 100

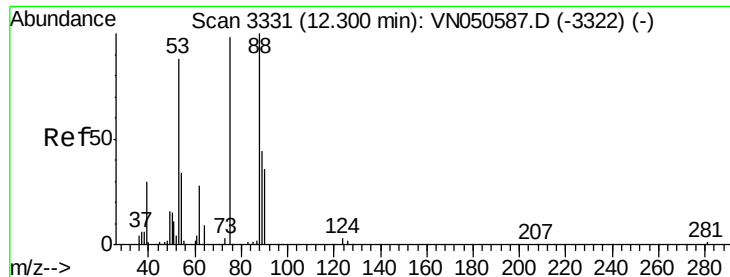
120 49.1 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN050751.D (-3373) (-)

Ion 120.00 (119.70 to 120.70): VN050751.D (-3373) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 131.95 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050751.D

Acq: 18 Aug 2018 4:58

Instrument :

MSVOA_N

ClientSampleId :

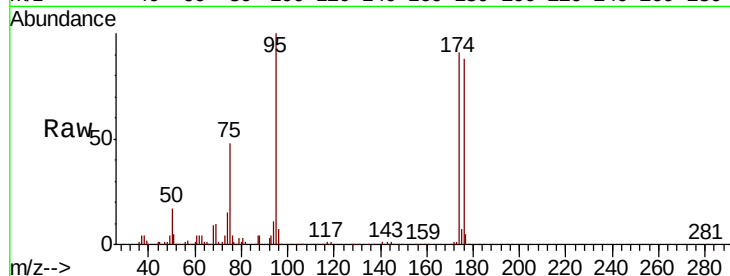
Tot Ion: 75 Resp: 188467

Ion Ratio Lower Upper

75 100

53 0.2 72.2 108.2#

89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VN050751.D (-3363) (-)

Ion 53.00 (52.70 to 53.70): VN050751.D (-3363) (-)

Ion 88.90 (88.60 to 89.60): VN050751.D (-3363) (-)

12.40

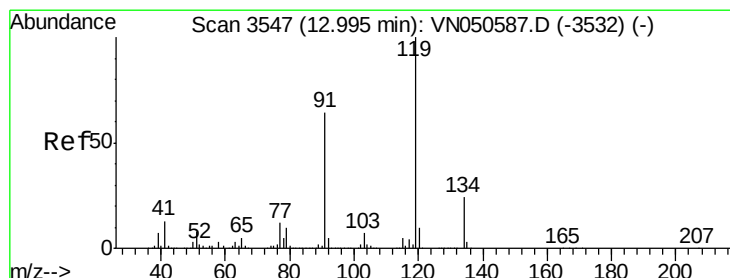
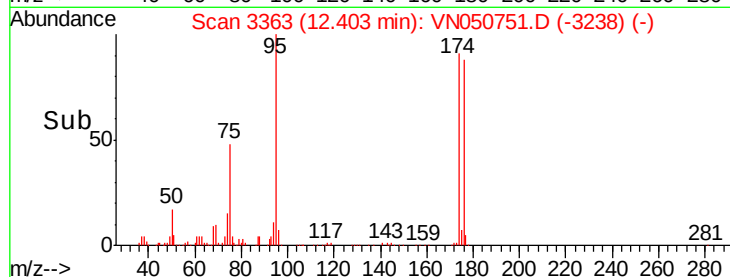
150000

100000

50000

0

Time-->



#83

tert-Butylbenzene

Concen: 0.35 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.05 min

Lab File: VN050751.D

Acq: 18 Aug 2018 4:58

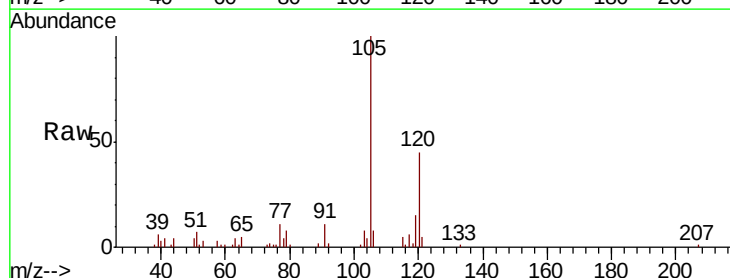
Tgt Ion: 119 Resp: 6079

Ion Ratio Lower Upper

119 100

91 76.7 32.2 96.6

134 0.0 13.4 40.2#



Abundance Ion 119.00 (118.70 to 119.70): VN050751.D (-3561) (-)

Ion 91.00 (90.70 to 91.70): VN050751.D (-3561) (-)

Ion 134.00 (133.70 to 134.70): VN050751.D (-3561) (-)

13.04

5000

4000

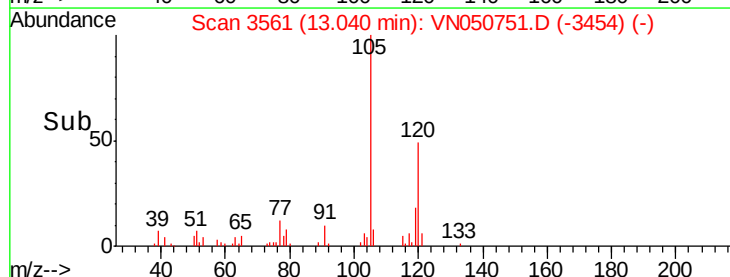
3000

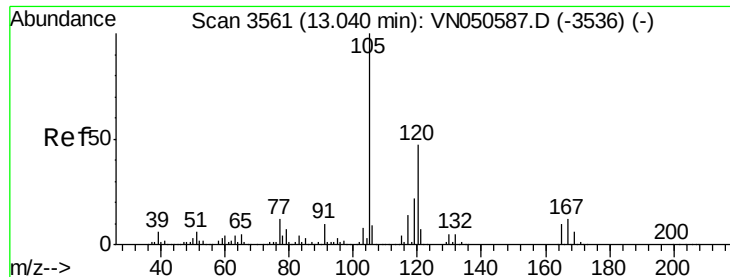
2000

1000

0

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 1.98 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050751.D

Acq: 18 Aug 2018 4:58

Instrument :

MSVOA_N

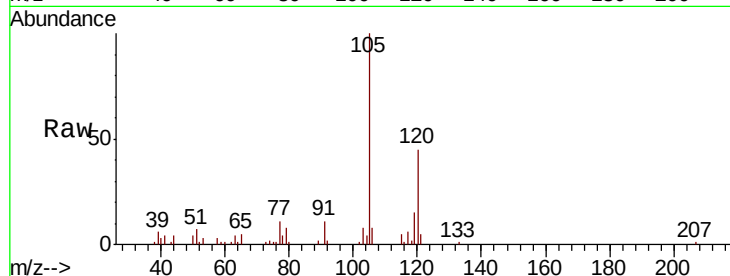
ClientSampleId :

Tot Ion:105 Resp: 39576

Ion Ratio Lower Upper

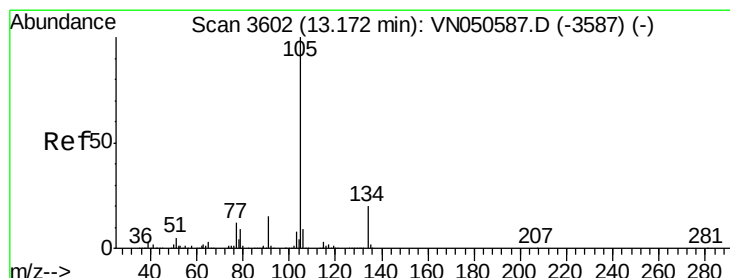
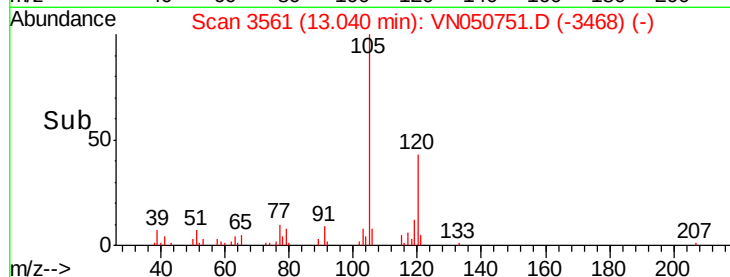
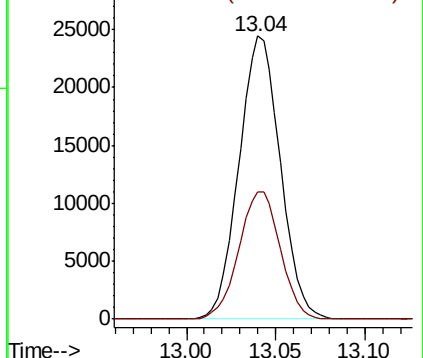
105 100

120 45.1 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.76 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. -0.13 min

Lab File: VN050751.D

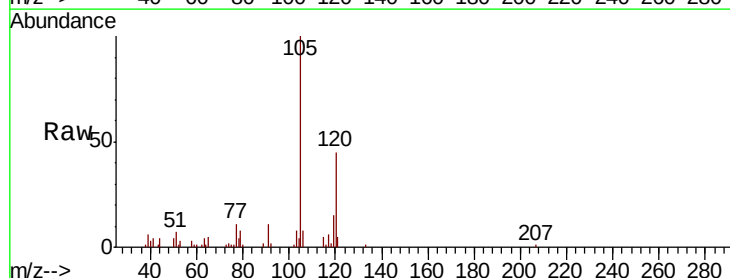
Acq: 18 Aug 2018 4:58

Tgt Ion:105 Resp: 39576

Ion Ratio Lower Upper

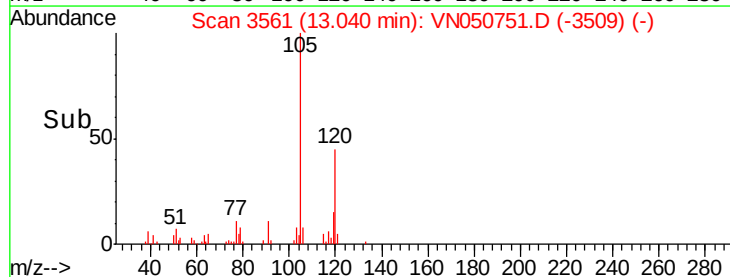
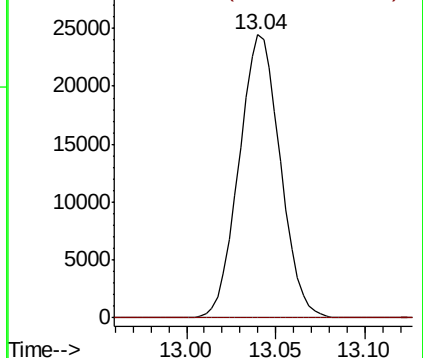
105 100

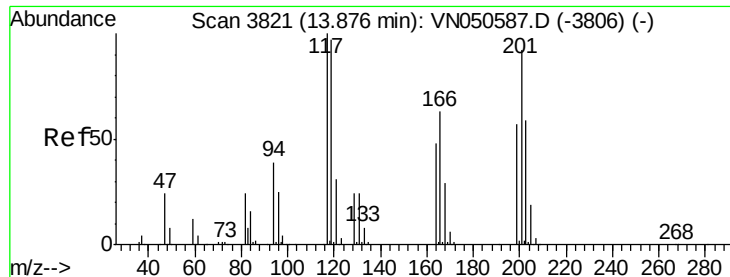
134 0.0 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.23 ug/l

RT: 13.90 min Scan# 3827

Delta R.T. 0.02 min

Lab File: VN050751.D

Acq: 18 Aug 2018 4:58

Instrument :

MSVOA_N

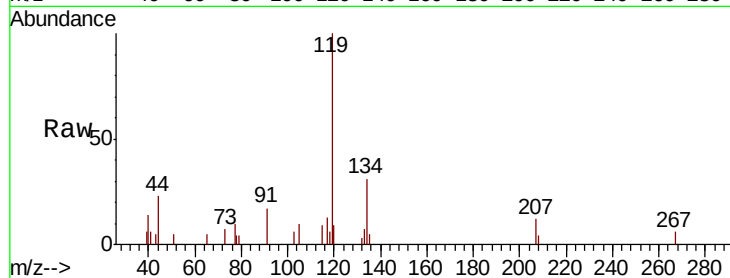
ClientSampled :

Tot Ion:117 Resp: 896

Ion Ratio Lower Upper

117 100

201 0.0 45.5 136.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.90

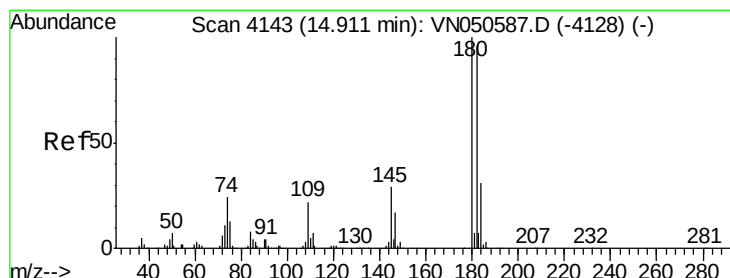
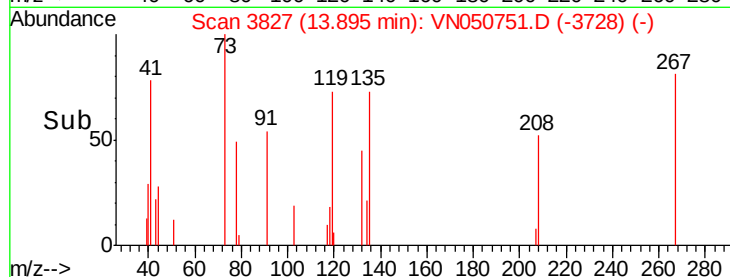
600

400

200

0

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 2.70 ug/l

RT: 14.91 min Scan# 4143

Delta R.T. 0.00 min

Lab File: VN050751.D

Acq: 18 Aug 2018 4:58

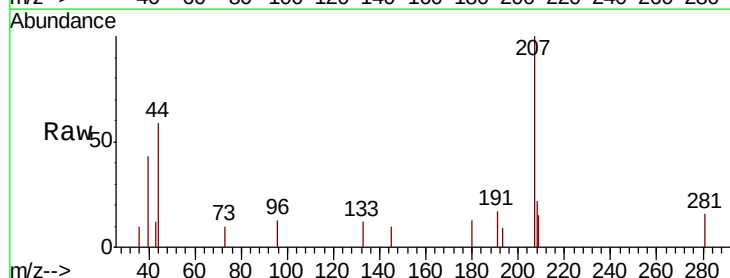
Tgt Ion:180 Resp: 157

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.7#

145 196.2 14.4 43.4#



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

14.91

300

250

200

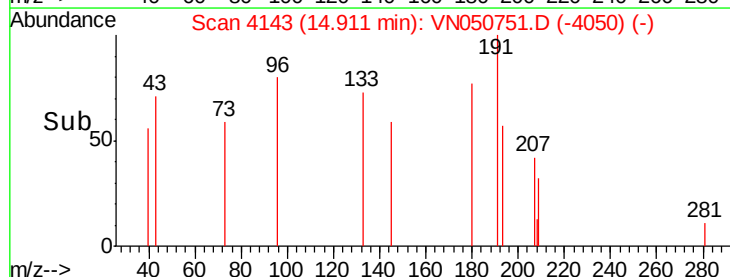
150

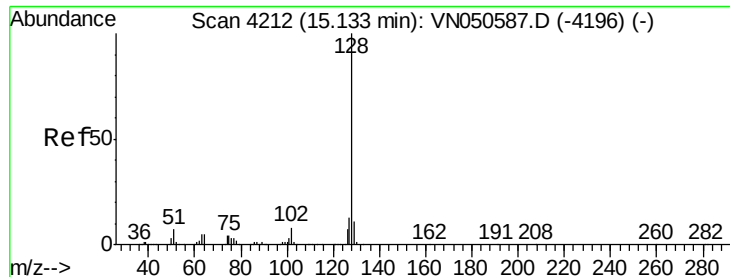
100

50

0

Time-->

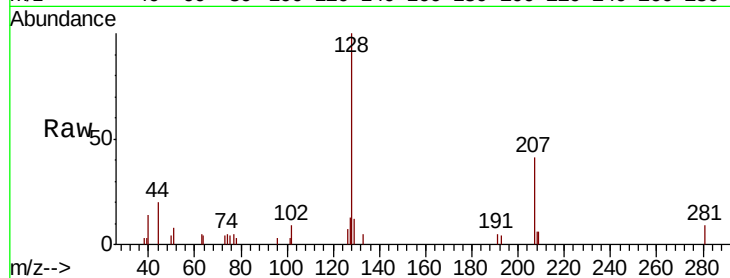




#95
 Naphthalene
 Concen: 4.50 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN050751.D
 Acq: 18 Aug 2018 4:58

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.3	15.5
129	10.6	8.5	12.7



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

