

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082718\
 Data File : VN050891.D
 Acq On : 27 Aug 2018 12:05
 Operator : MD\SY
 Sample : PB112375TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112375TB

Quant Time: Aug 28 01:37:02 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	622129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1001167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	829886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	252924	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	397806	53.11	ug/l	0.00
Spiked Amount			Recovery	=	106.22%	
35) Dibromofluoromethane	7.59	113	382975	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
50) Toluene-d8	10.09	98	1346661	45.22	ug/l	0.00
Spiked Amount			Recovery	=	90.44%	
62) 4-Bromofluorobenzene	12.40	95	343259	34.69	ug/l	0.00
Spiked Amount			Recovery	=	69.38%	

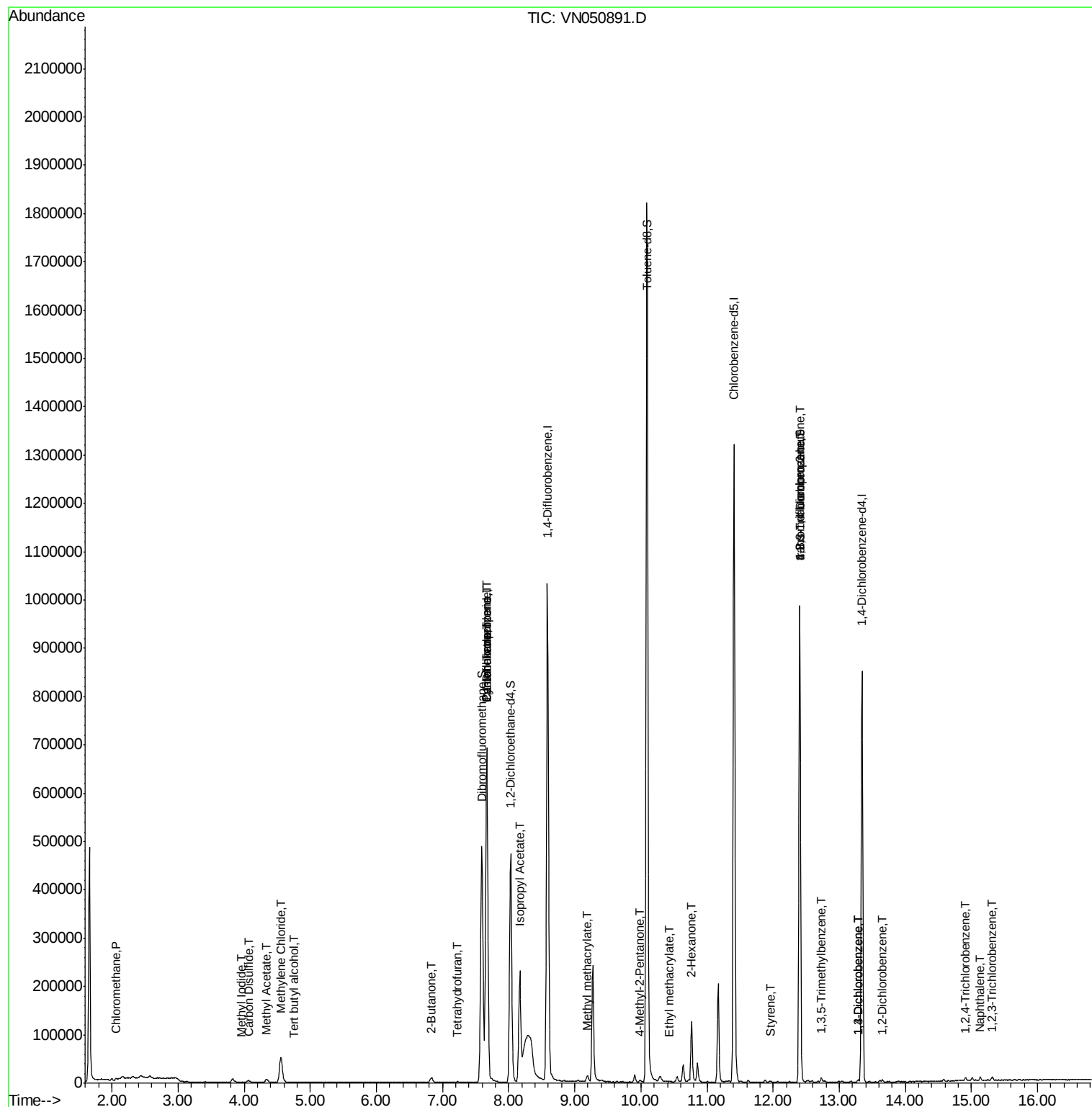
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2504	0.24	ug/l	# 88
5) Bromomethane	2.57	94	3234	Below	Cal	99
10) Methyl Iodide	3.95	142	772	6.44	ug/l	# 71
11) Tert butyl alcohol	4.76	59	225	0.47	ug/l	# 72
16) Acetone	3.83	43	12186	Below	Cal	96
17) Carbon Disulfide	4.06	76	5299	0.23	ug/l	99
18) Methyl Acetate	4.34	43	12100	1.71	ug/l	94
20) Methylene Chloride	4.55	84	42797	5.07	ug/l	98
25) 2-Butanone	6.84	43	1484	0.49	ug/l	# 83
29) Tetrahydrofuran	7.21	42	413	0.24	ug/l	# 16
31) Cyclohexane	7.67	56	10522	1.28	ug/l	# 1
36) 1,1-Dichloropropene	7.67	75	40522	3.43	ug/l	# 49
38) Carbon Tetrachloride	7.67	117	53835	4.51	ug/l	# 17
43) Isopropyl Acetate	8.17	43	270558	23.19	ug/l	98
48) Methyl methacrylate	9.18	41	8215	1.38	ug/l	# 20
51) 4-Methyl-2-Pentanone	9.98	43	2395	0.34	ug/l	97
56) Ethyl methacrylate	10.43	69	100	2.36	ug/l	# 3
59) 2-Hexanone	10.77	43	19340	4.17	ug/l	# 59
70) Styrene	11.97	104	1197	1.32	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.51	83	431	Below	Cal	# 86
76) 1,2,3-Trichloropropane	12.40	75	163710	36.96	ug/l	# 100
80) 1,3,5-Trimethylbenzene	12.73	105	4353	0.26	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.40	75	163710	124.93	ug/l	# 15
87) 1,3-Dichlorobenzene	13.29	146	2146	0.22	ug/l	97
88) 1,4-Dichlorobenzene	13.29	146	2146	0.23	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	2025	0.22	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	2591	4.57	ug/l	92
94) Hexachlorobutadiene	15.01	225	1349	Below	Cal	88
95) Naphthalene	15.13	128	6109	5.94	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	3010	3.91	ug/l	98

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

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Quant Time: Aug 28 01:37:02 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

Instrument :

MSVOA_N

ClientSampleId :

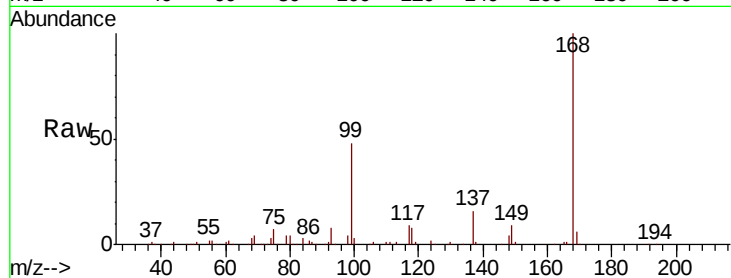
PB112375TB

Tot Ion:168 Resp: 622129

Ion Ratio Lower Upper

168 100

99 48.1 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

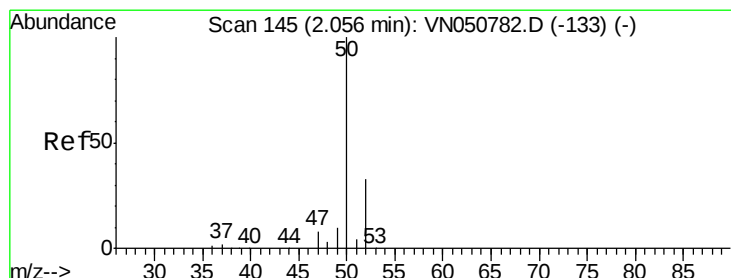
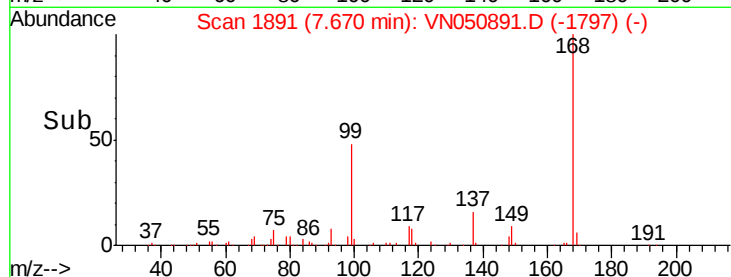
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.24 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN050891.D

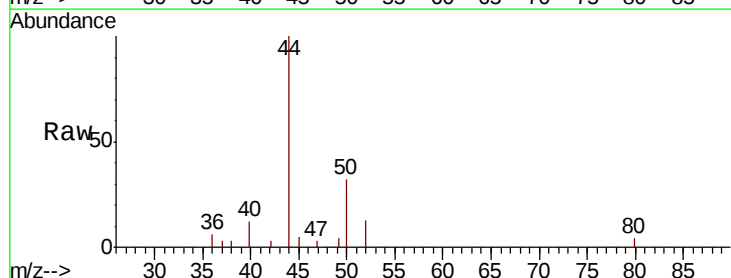
Acq: 27 Aug 2018 12:05

Tgt Ion: 50 Resp: 2504

Ion Ratio Lower Upper

50 100

52 39.5 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2000

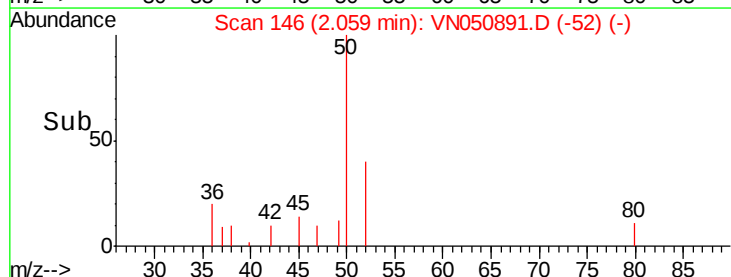
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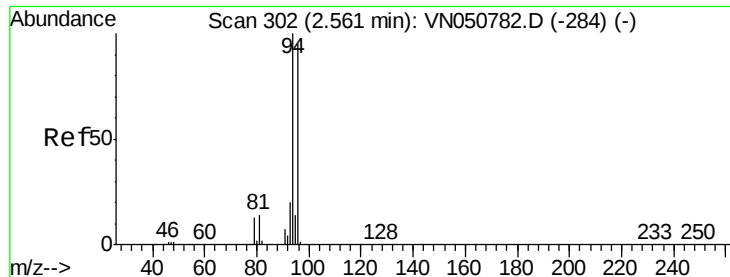
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

Instrument :

MSVOA_N

ClientSampleId :

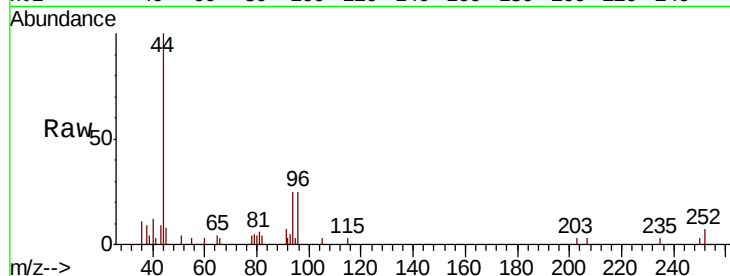
PB112375TB

Tot Ion: 94 Resp: 3234

Ion Ratio Lower Upper

94 100

96 96.3 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050891.D (-209) (-)

Ion 95.90 (95.60 to 96.60): VN050891.D (-209) (-)

2.57

1500

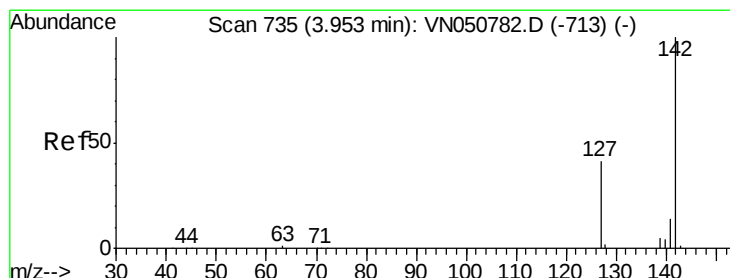
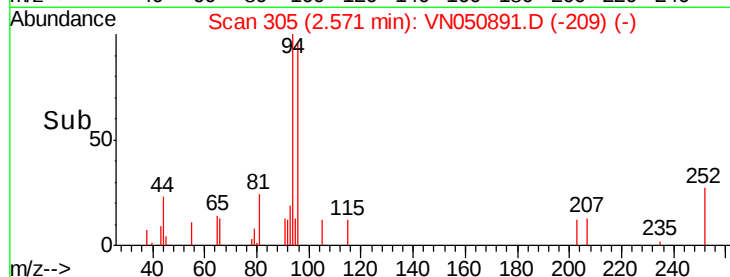
1000

500

0

2.50 2.55 2.60 2.65

Time-->



#10

Methyl Iodide

Concen: 6.44 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

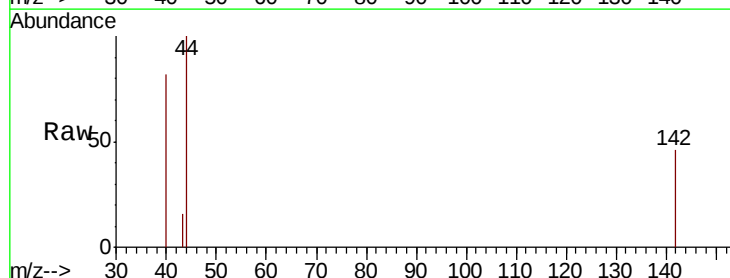
Tgt Ion: 142 Resp: 772

Ion Ratio Lower Upper

142 100

127 23.2 31.7 47.5#

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): VN050891.D (-642) (-)

Ion 126.80 (126.50 to 127.50): VN050891.D (-642) (-)

Ion 140.80 (140.50 to 141.50): VN050891.D (-642) (-)

3.95

600

500

400

300

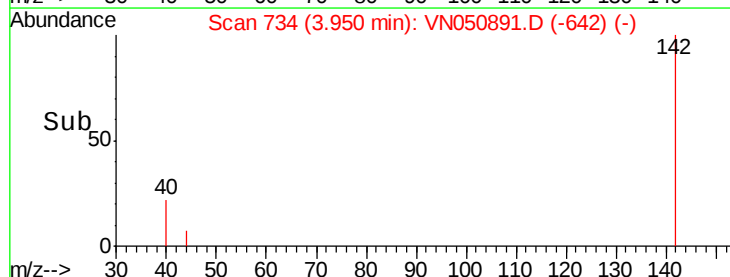
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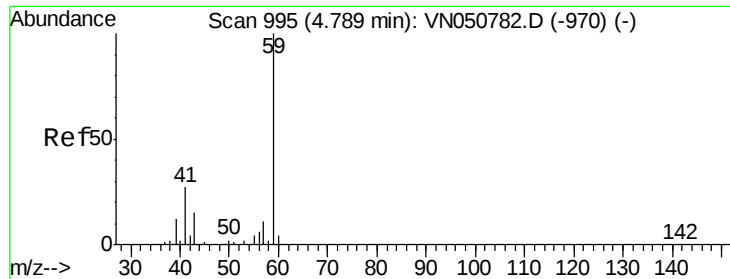
100

0

3.92 3.94 3.96 3.98

Time-->

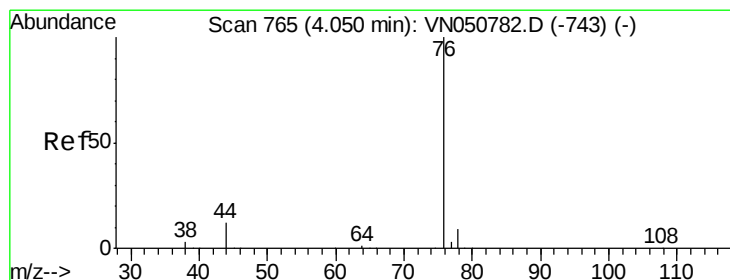
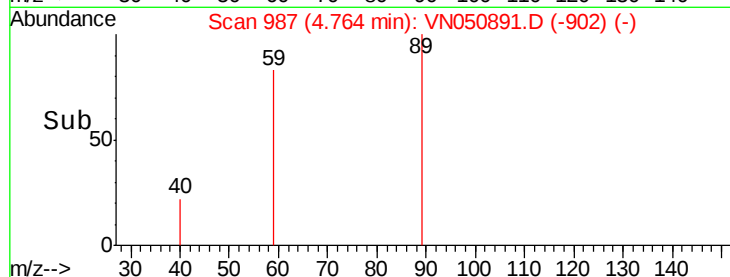
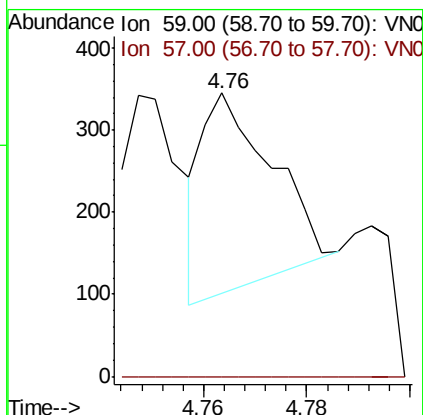
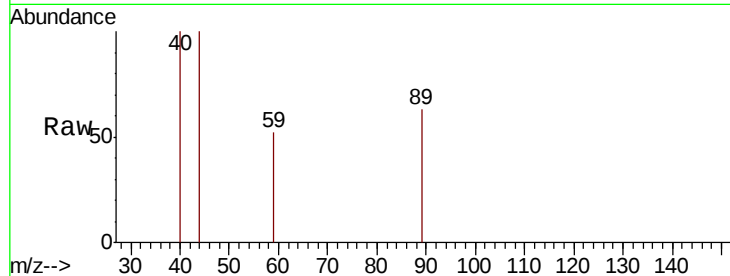




#11
Tert butyl alcohol
Concen: 0.47 ug/l
RT: 4.76 min Scan# 987
Delta R.T. -0.03 min
Lab File: VN050891.D
Acq: 27 Aug 2018 12:05

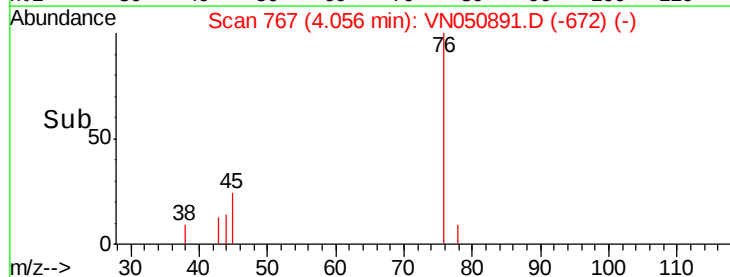
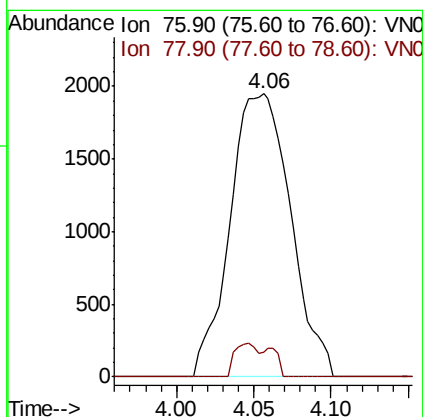
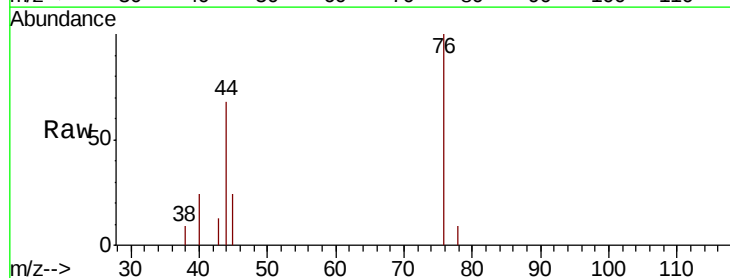
Instrument :
MSVOA_N
ClientSampled :
PB112375TB

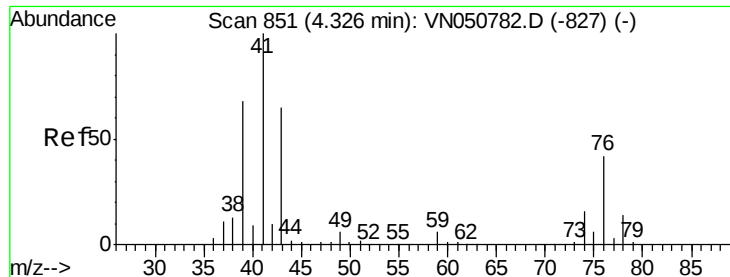
Tot Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#17
Carbon Disulfide
Concen: 0.23 ug/l
RT: 4.06 min Scan# 767
Delta R.T. 0.01 min
Lab File: VN050891.D
Acq: 27 Aug 2018 12:05

Tgt Ion: 76 Resp: 5299
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

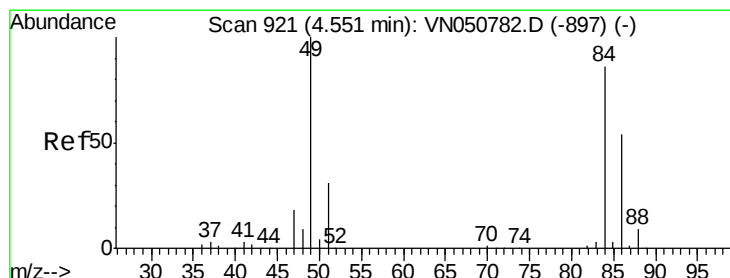
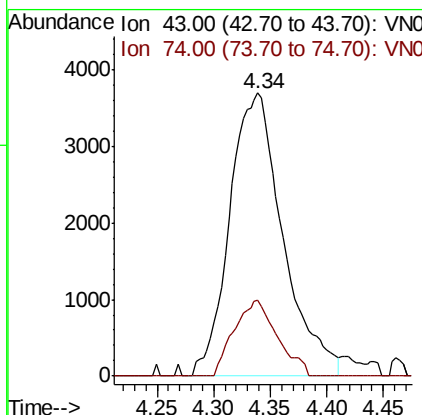
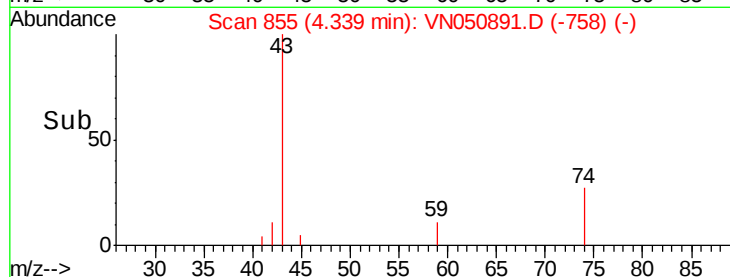
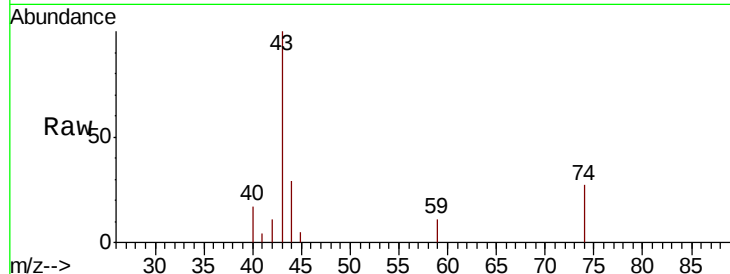




#18
Methyl Acetate
Concen: 1.71 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050891.D
Acq: 27 Aug 2018 12:05

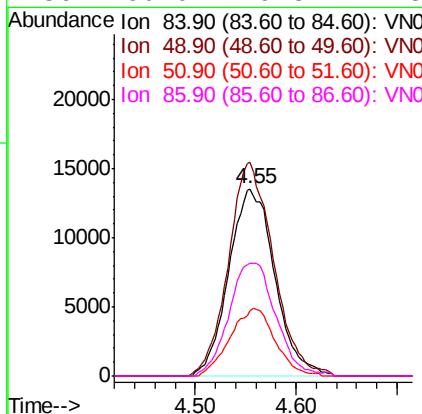
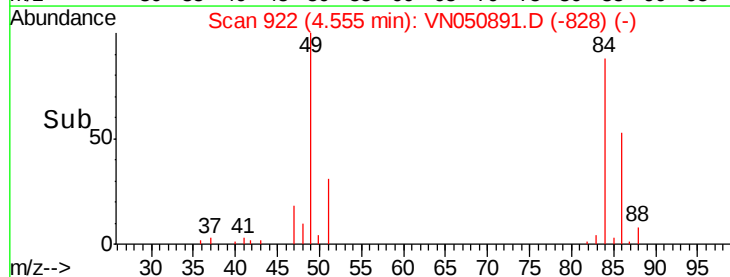
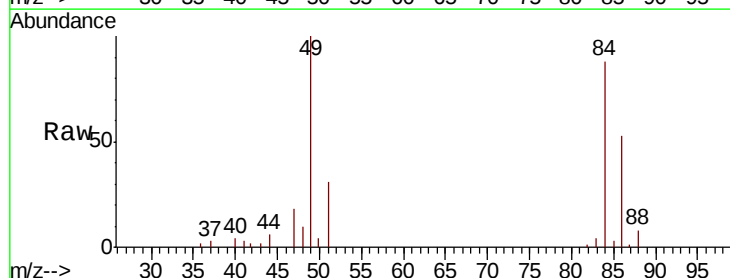
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MSVOA_N
ClientSampleId :
PB112375TB

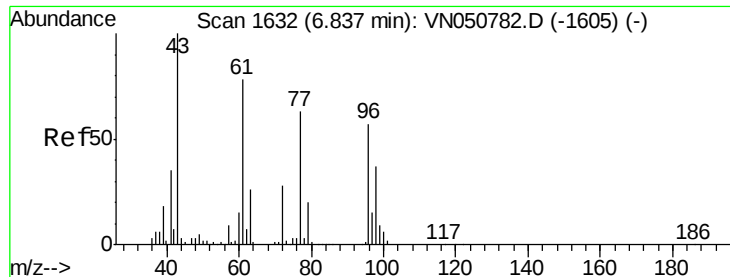
Tot Ion: 43 Resp: 12100
Ion Ratio Lower Upper
43 100
74 21.8 19.8 29.8



#20
Methylene Chloride
Concen: 5.07 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050891.D
Acq: 27 Aug 2018 12:05

Tgt Ion: 84 Resp: 42797
Ion Ratio Lower Upper
84 100
49 114.1 93.2 139.8
51 35.2 29.0 43.6
86 60.0 49.8 74.8

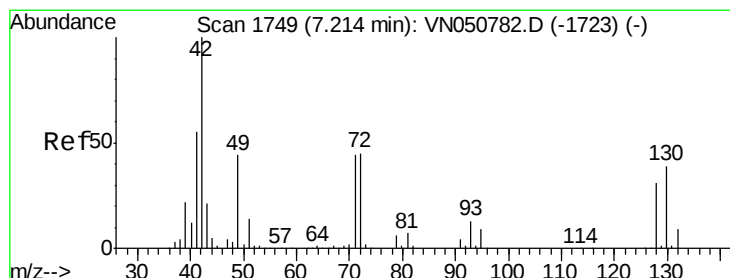
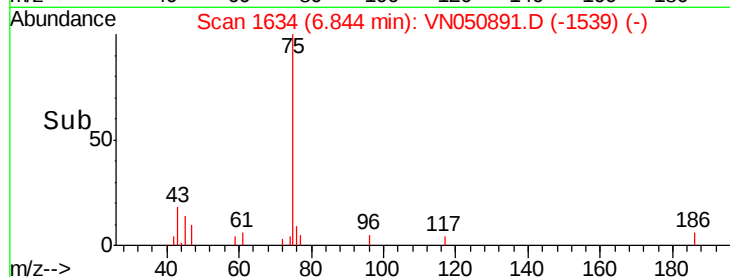
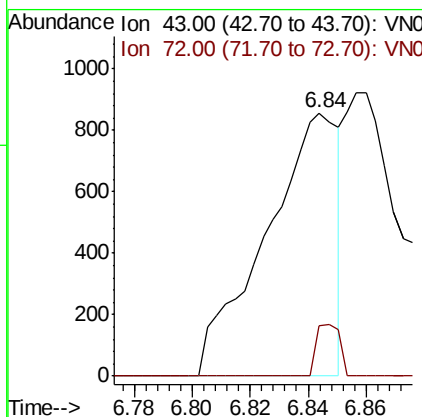
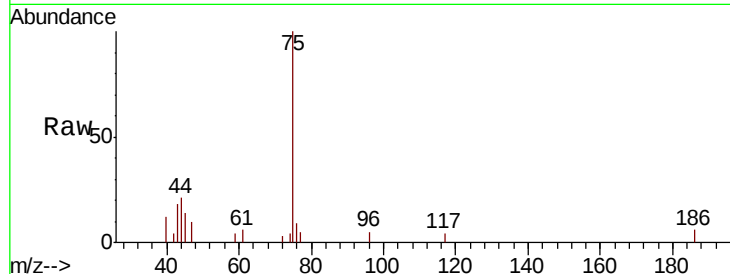




#25
2-Butanone
Concen: 0.49 ug/l
RT: 6.84 min Scan# 1634
Delta R.T. 0.01 min
Lab File: VN050891.D
Acq: 27 Aug 2018 12:05

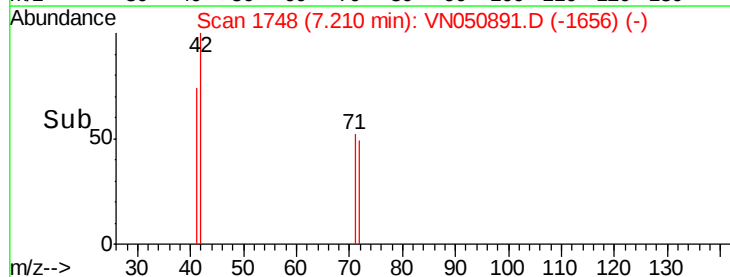
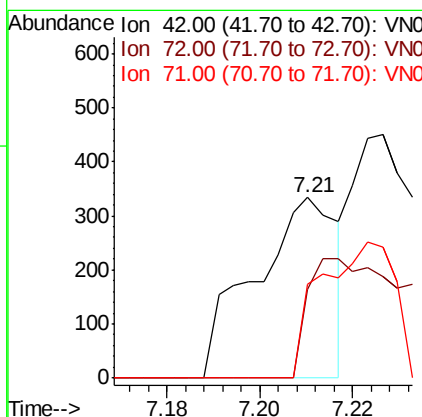
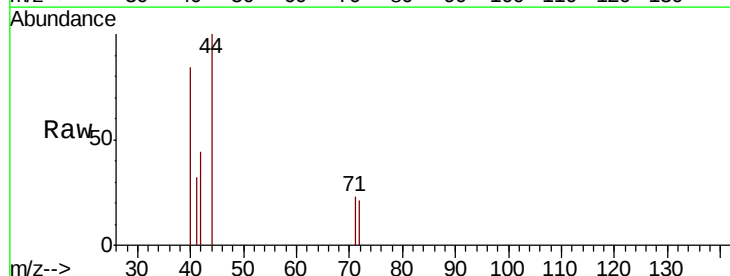
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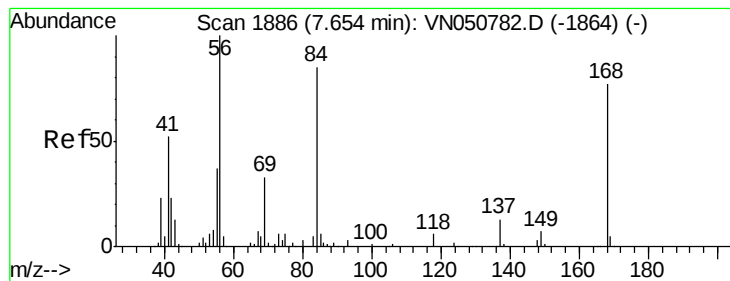
Tot Ion: 43 Resp: 1484
Ion Ratio Lower Upper
43 100
72 19.0 22.3 33.5#



#29
Tetrahydrofuran
Concen: 0.24 ug/l
RT: 7.21 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VN050891.D
Acq: 27 Aug 2018 12:05

Tgt Ion: 42 Resp: 413
Ion Ratio Lower Upper
42 100
72 109.9 35.5 53.3#
71 0.0 33.7 50.5#





#31

Cyclohexane

Concen: 1.28 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.01 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

Instrument :

MSVOA_N

ClientSampleId :

PB112375TB

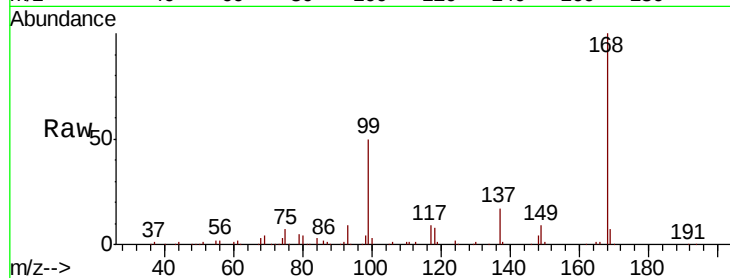
Tot Ion: 56 Resp: 10522

Ion Ratio Lower Upper

56 100

69 214.2 26.2 39.4#

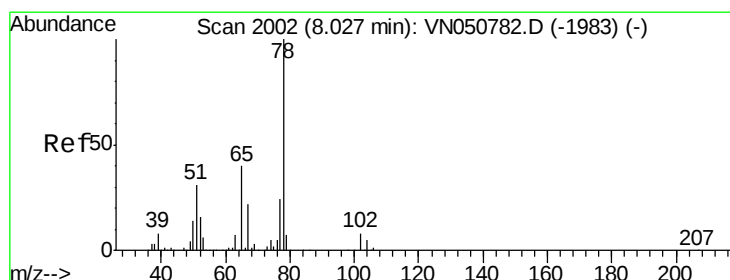
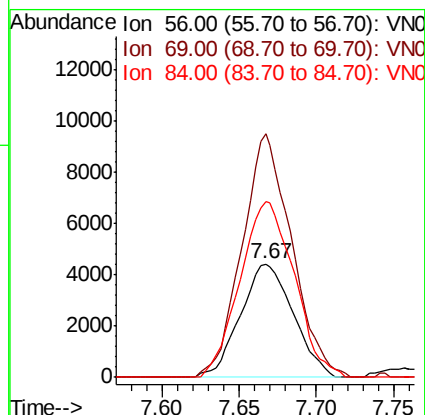
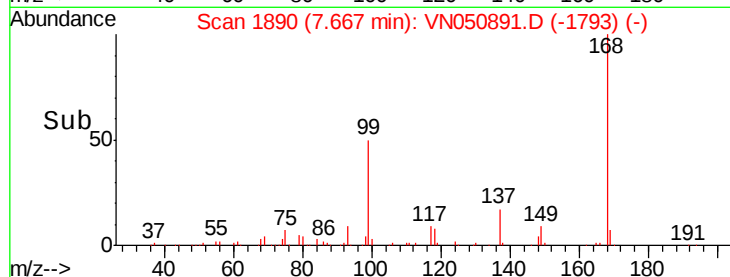
84 154.7 68.3 102.5#



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: 53.11 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050891.D

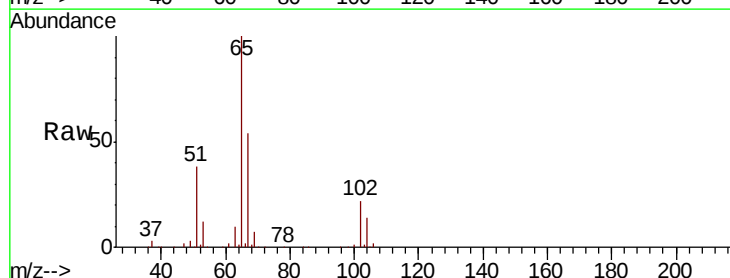
Acq: 27 Aug 2018 12:05

Tgt Ion: 65 Resp: 397806

Ion Ratio Lower Upper

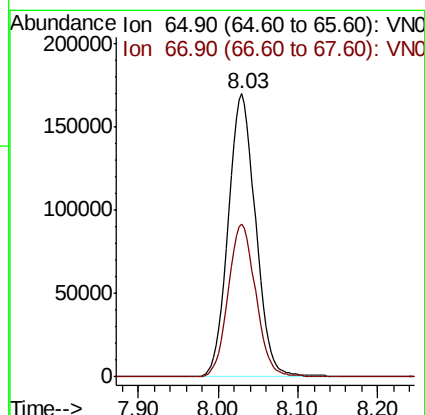
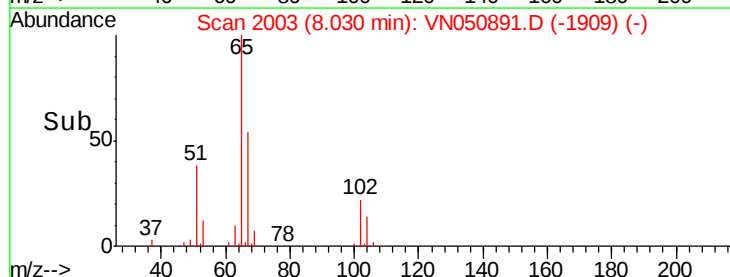
65 100

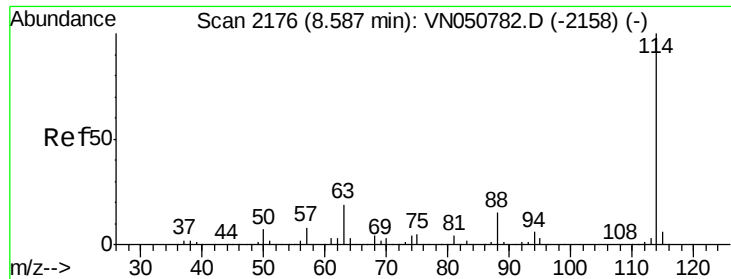
67 54.2 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

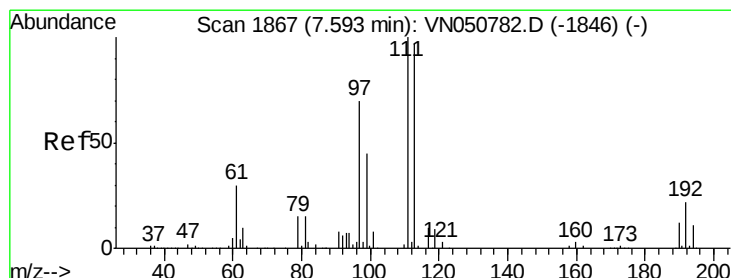
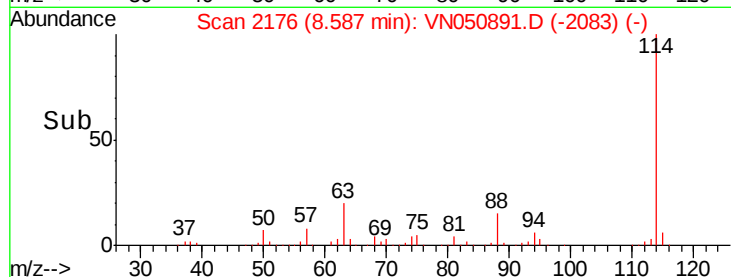
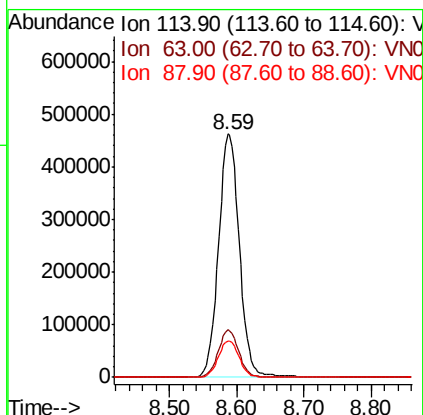
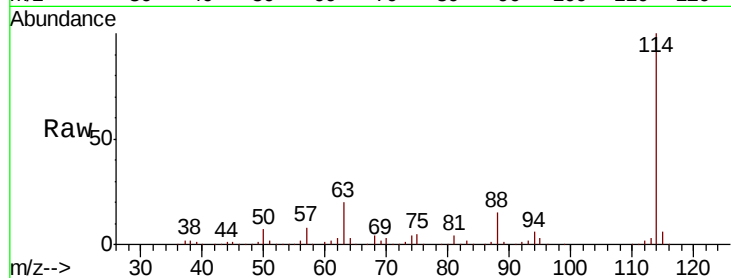




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050891.D
 Acq: 27 Aug 2018 12:05

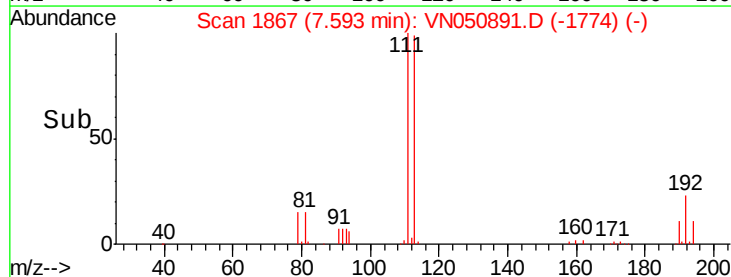
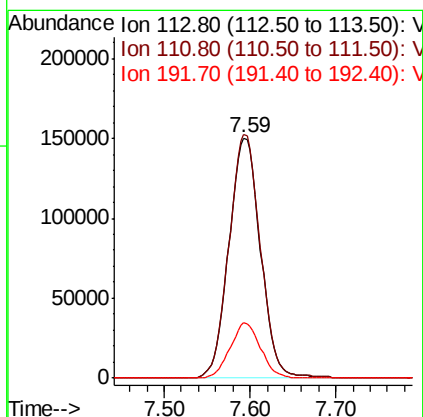
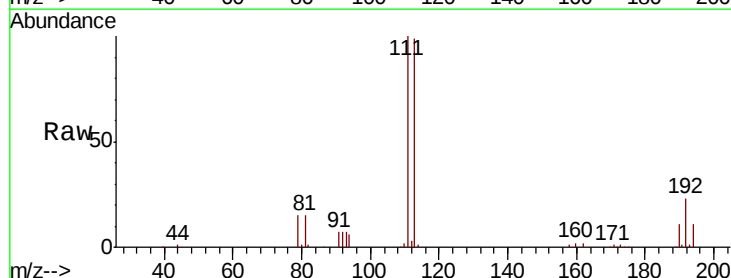
Instrument :
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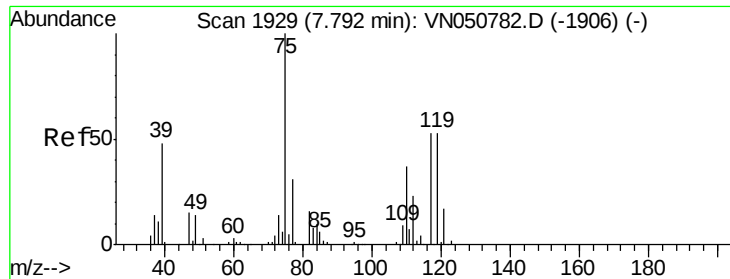
Tot Ion:114 Resp: 1001167
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.1 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 48.08 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050891.D
 Acq: 27 Aug 2018 12:05

Tgt Ion:113 Resp: 382975
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.6 123.8
 192 22.2 18.0 27.0

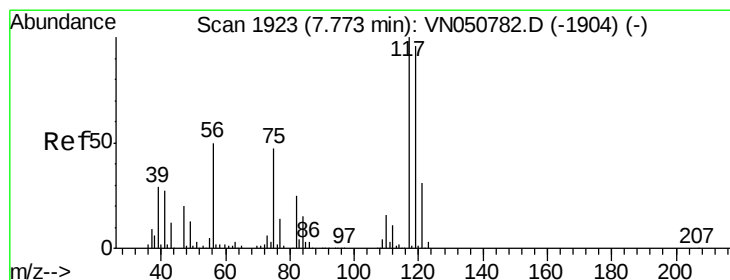
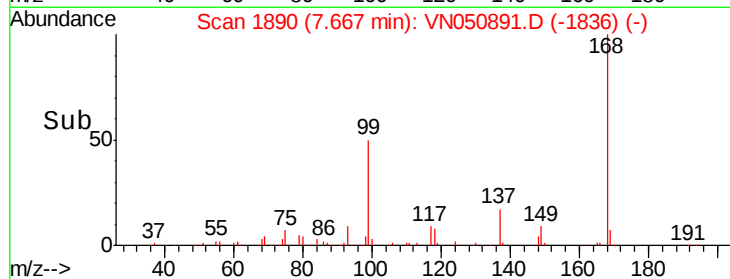
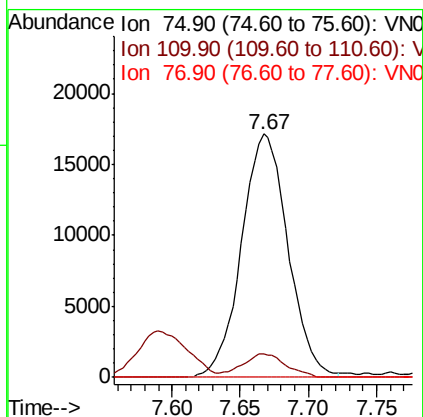
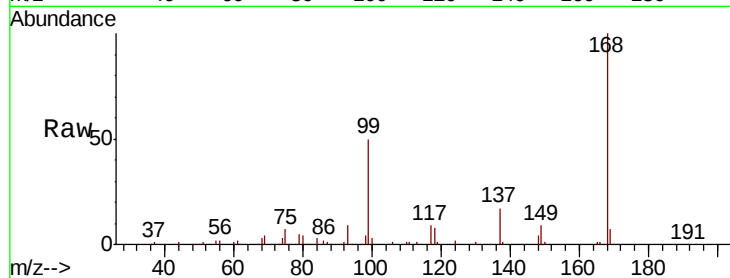




#36
 1,1-Dichloropropene
 Concen: 3.43 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050891.D
 Acq: 27 Aug 2018 12:05

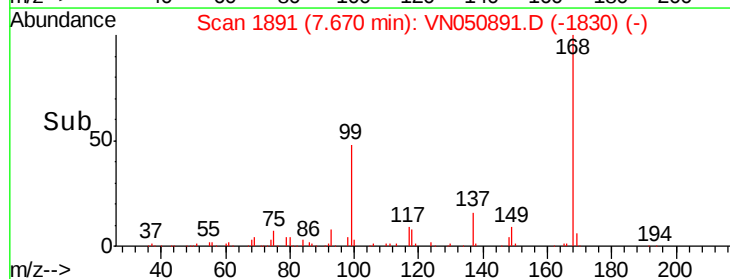
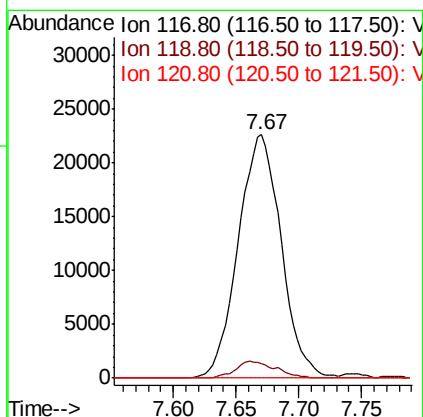
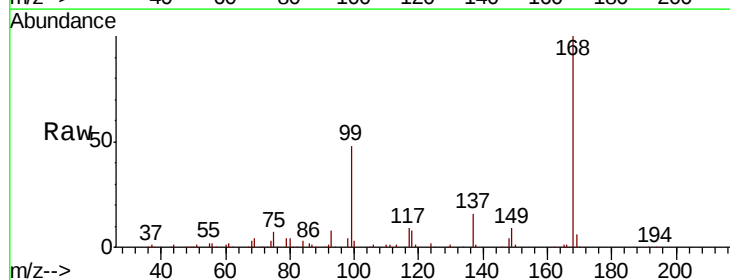
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112375TB

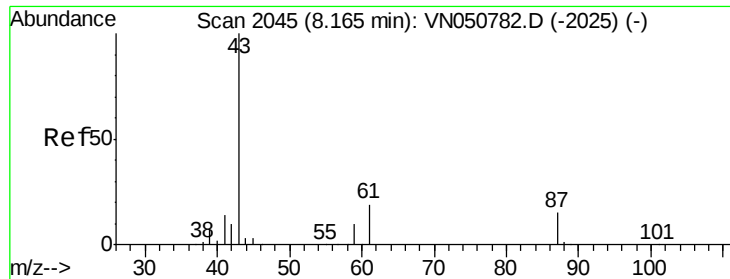
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.4#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 4.51 ug/l
 RT: 7.67 min Scan# 1891
 Delta R.T. -0.10 min
 Lab File: VN050891.D
 Acq: 27 Aug 2018 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.3	114.5#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 23.19 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

Instrument :

MSVOA_N

ClientSampleId :

PB112375TB

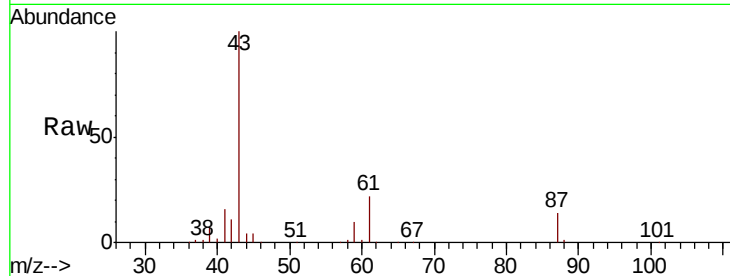
Tot Ion: 43 Resp: 270558

Ion Ratio Lower Upper

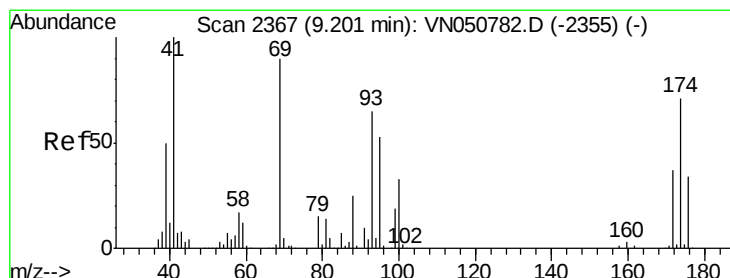
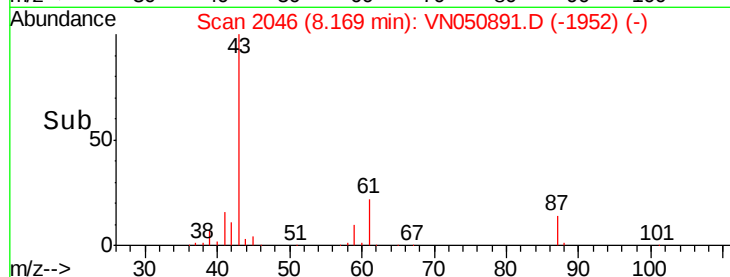
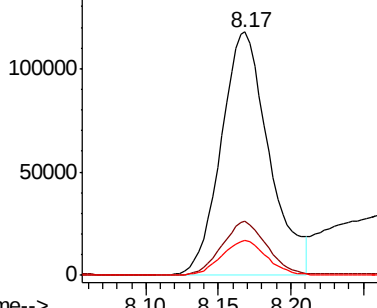
43 100

61 21.1 17.5 26.3

87 13.5 11.3 16.9



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: 1.38 ug/l

RT: 9.18 min Scan# 2361

Delta R.T. -0.02 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

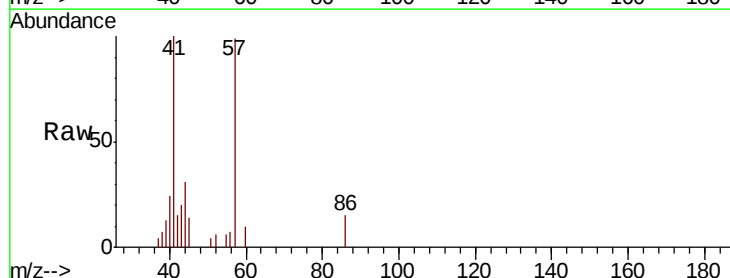
Tgt Ion: 41 Resp: 8215

Ion Ratio Lower Upper

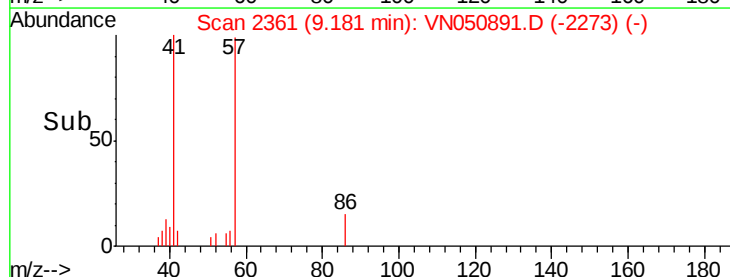
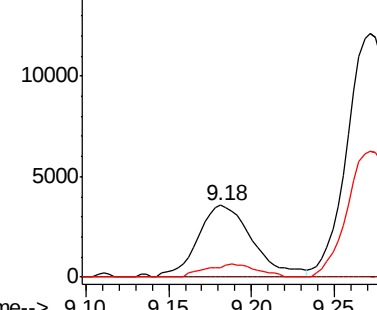
41 100

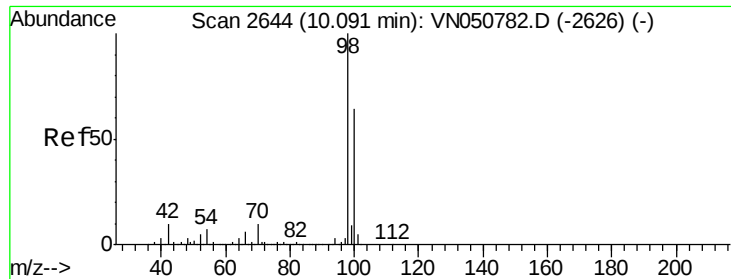
69 0.0 74.7 112.1#

39 17.1 42.2 63.2#



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: 45.22 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

Instrument :

MSVOA_N

ClientSampleId :

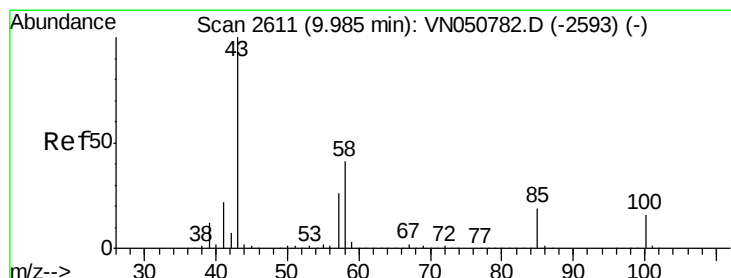
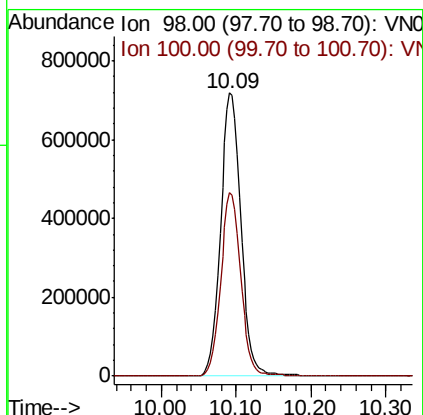
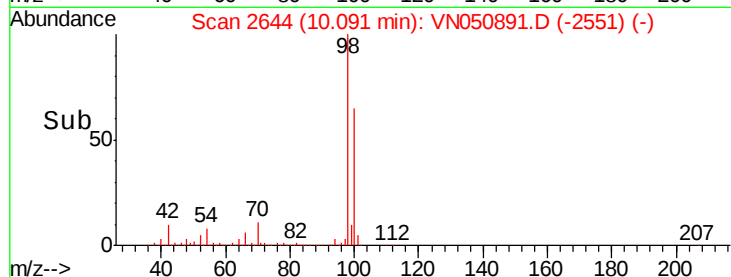
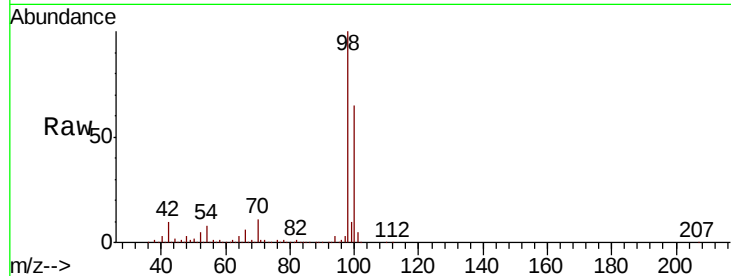
PB112375TB

Tot Ion: 98 Resp: 1346661

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.34 ug/l

RT: 9.98 min Scan# 2610

Delta R.T. -0.00 min

Lab File: VN050891.D

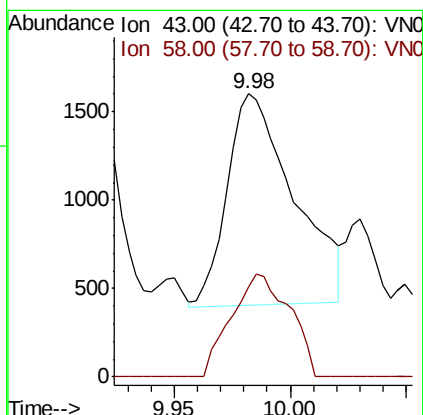
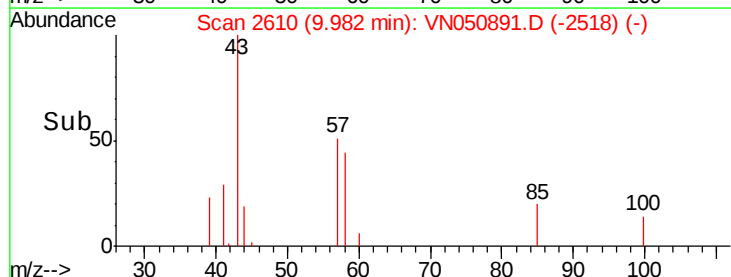
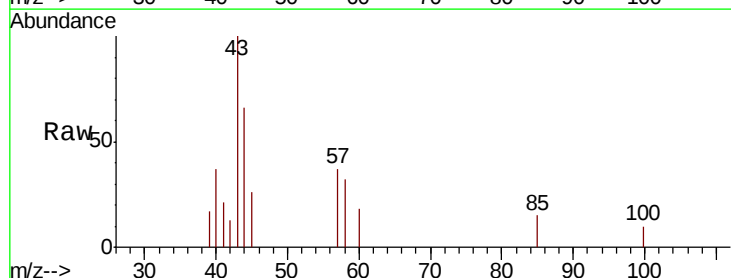
Acq: 27 Aug 2018 12:05

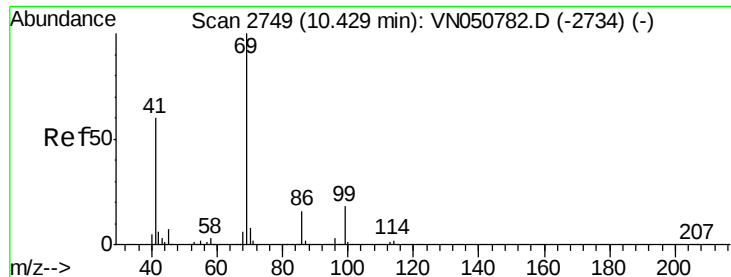
Tgt Ion: 43 Resp: 2395

Ion Ratio Lower Upper

43 100

58 42.6 32.4 48.6





#56

Ethyl methacrylate

Concen: 2.36 ug/l

RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

Instrument :

MSVOA_N

ClientSampled :

PB112375TB

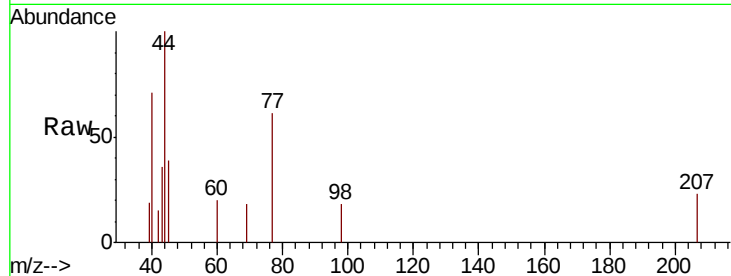
Tot Ion: 69 Resp: 100

Ion Ratio Lower Upper

69 100

41 0.0 48.3 72.5#

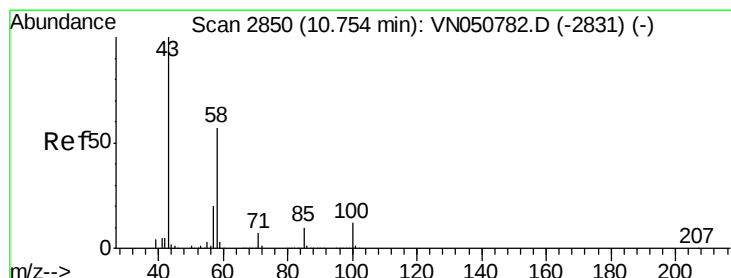
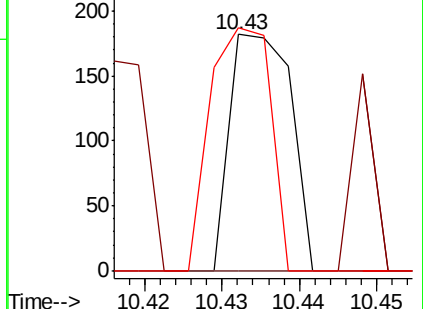
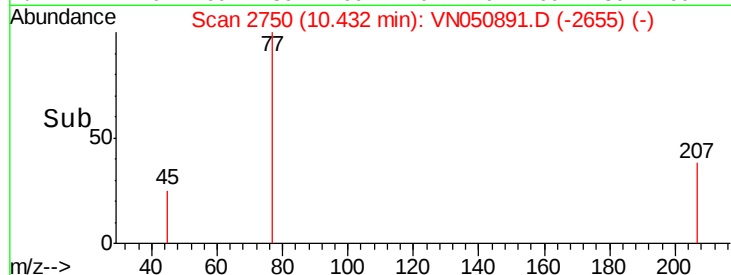
39 101.0 24.0 36.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 4.17 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050891.D

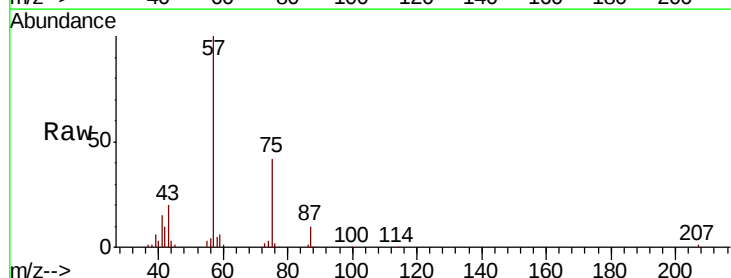
Acq: 27 Aug 2018 12:05

Tgt Ion: 43 Resp: 19340

Ion Ratio Lower Upper

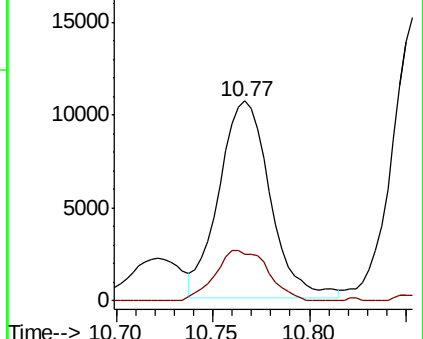
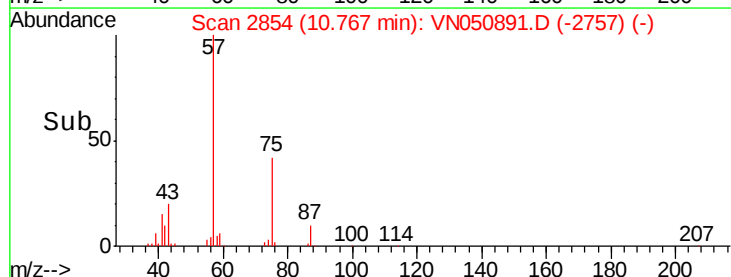
43 100

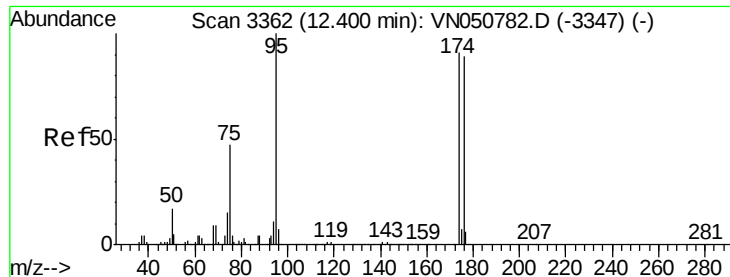
58 26.8 28.3 85.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 34.69 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

Instrument :

MSVOA_N

ClientSampleId :

PB112375TB

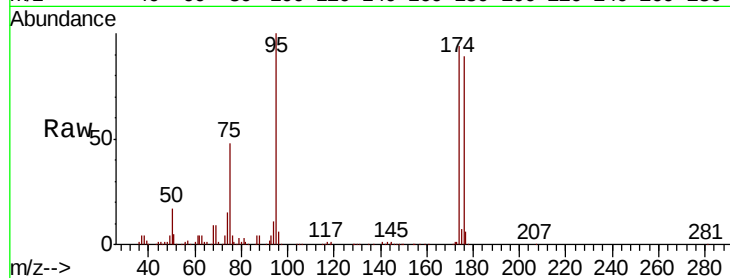
Tot Ion: 95 Resp: 343259

Ion Ratio Lower Upper

95 100

174 92.3 0.0 183.0

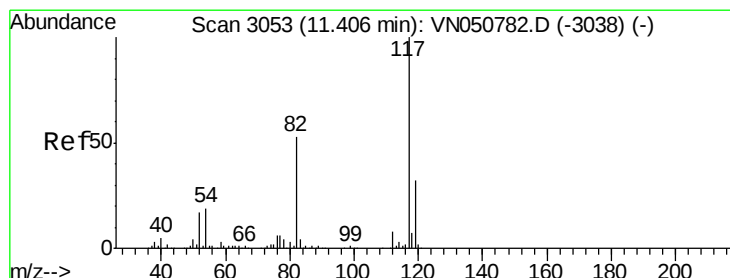
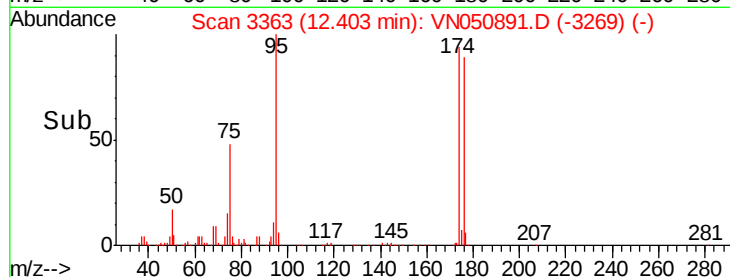
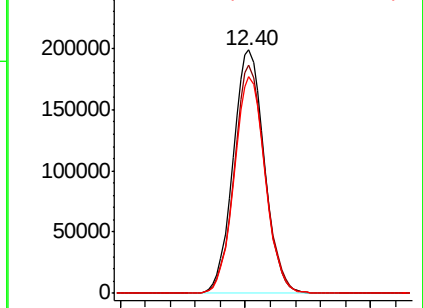
176 88.2 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

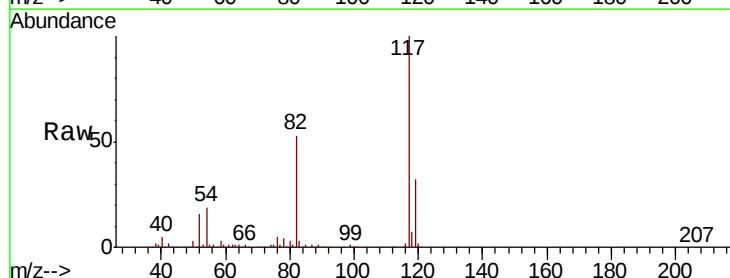
Tgt Ion: 117 Resp: 829886

Ion Ratio Lower Upper

117 100

82 52.9 42.6 64.0

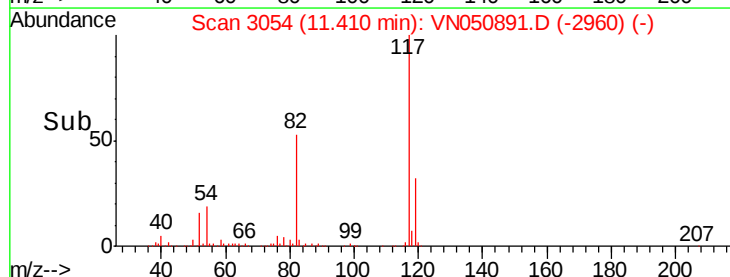
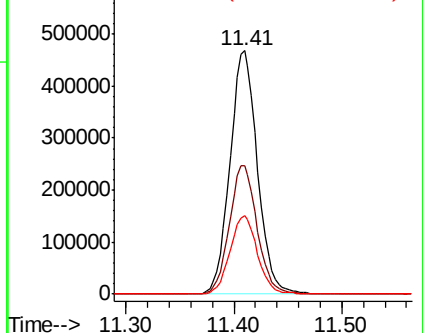
119 32.2 25.8 38.6

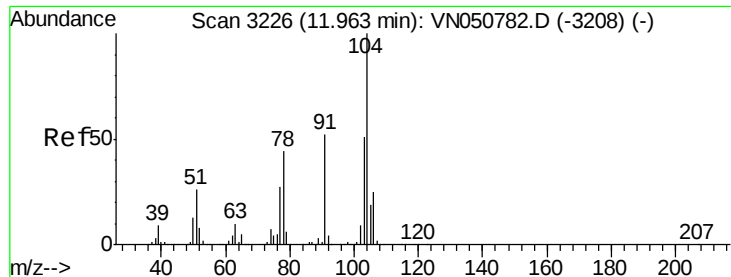


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#70

Stvrene

Concen: 1.32 ug/l

RT: 11.97 min Scan# 3228

Delta R.T. 0.01 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

Instrument :

MSVOA_N

ClientSampleId :

PB112375TB

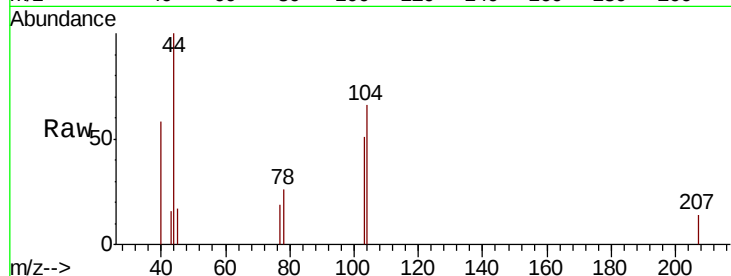
Tot Ion:104 Resp: 1197

Ion Ratio Lower Upper

104 100

78 45.8 38.2 57.4

103 66.6 44.4 66.6

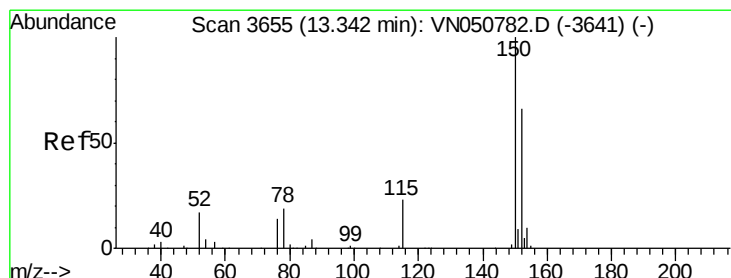
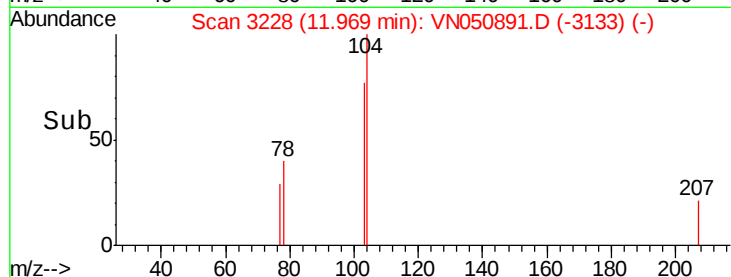
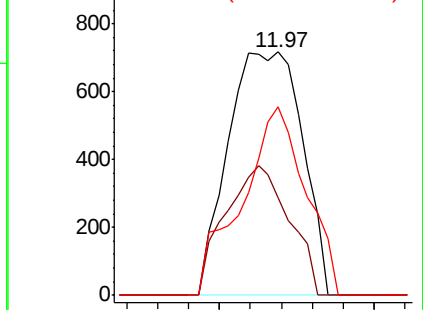


Abundance

Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

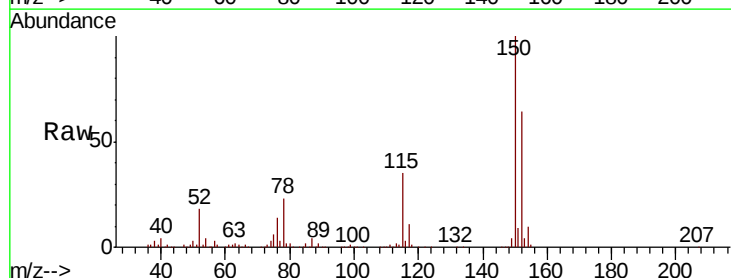
Tgt Ion:152 Resp: 252924

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.4

150 156.5 0.0 351.4

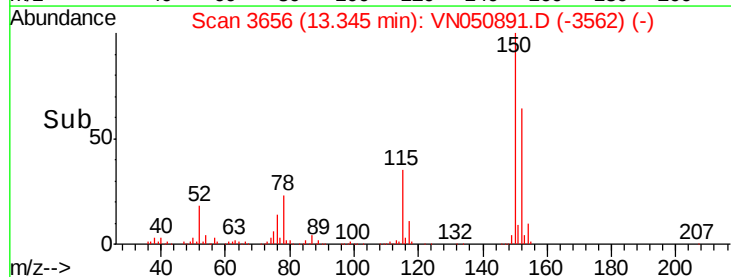
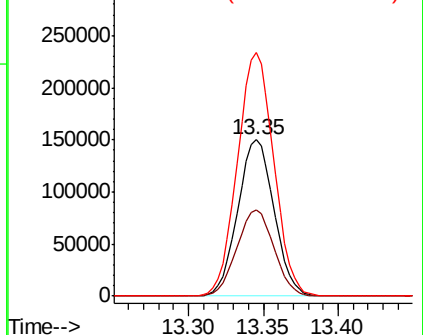


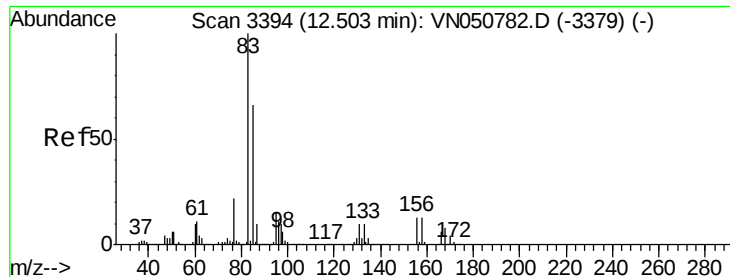
Abundance

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: 12.51 min Scan# 3396

Delta R.T. 0.01 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

Instrument :

MSVOA_N

ClientSampleId :

PB112375TB

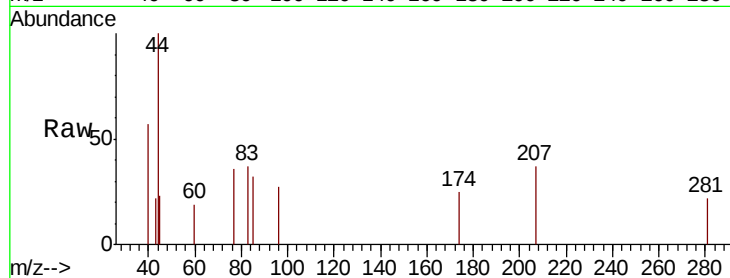
Tot Ion: 83 Resp: 431

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

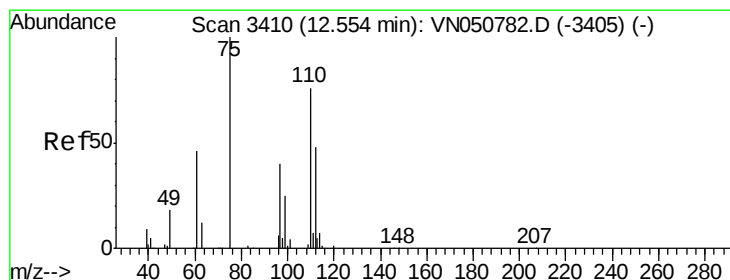
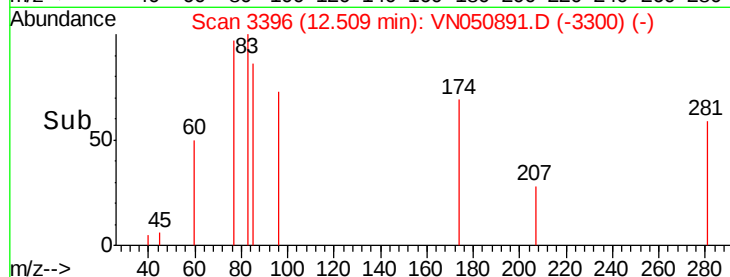
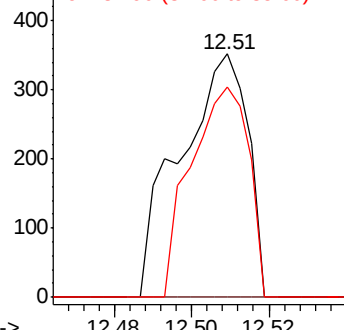
85 73.3 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 36.96 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.15 min

Lab File: VN050891.D

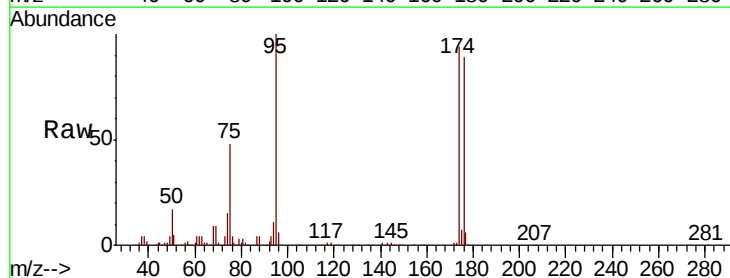
Acq: 27 Aug 2018 12:05

Tgt Ion: 75 Resp: 163710

Ion Ratio Lower Upper

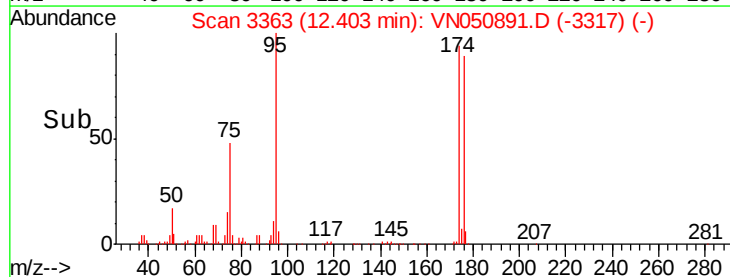
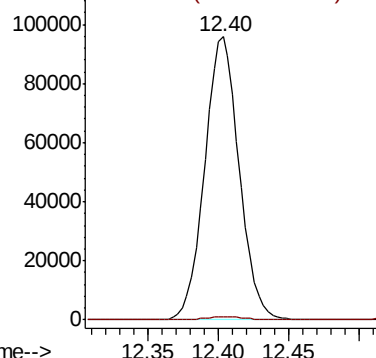
75 100

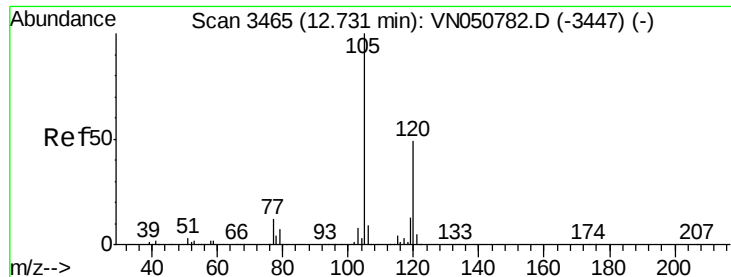
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.26 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. -0.00 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

Instrument :

MSVOA_N

ClientSampleId :

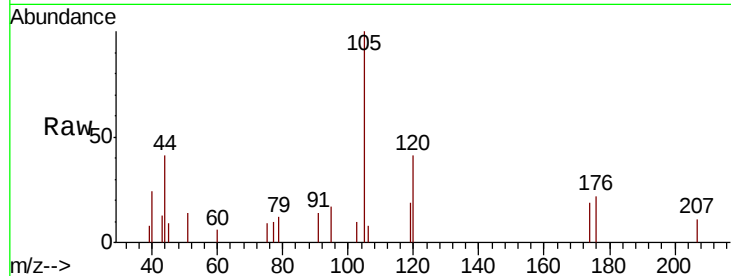
PB112375TB

Tot Ion:105 Resp: 4353

Ion Ratio Lower Upper

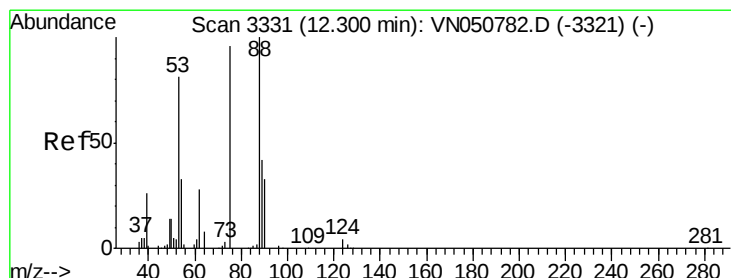
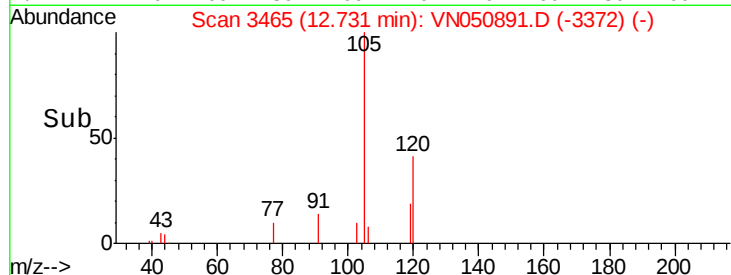
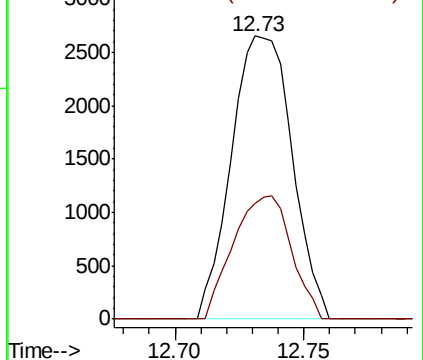
105 100

120 41.6 24.6 74.0



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: 124.93 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.10 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

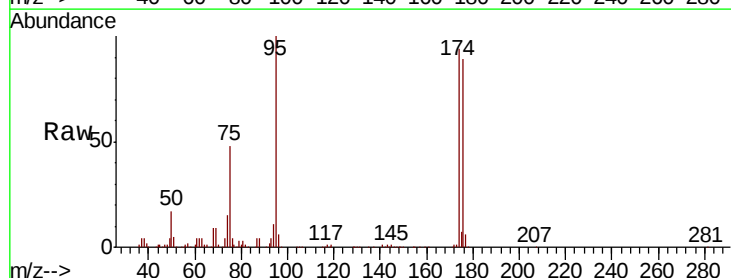
Tgt Ion: 75 Resp: 163710

Ion Ratio Lower Upper

75 100

53 0.1 68.9 103.3#

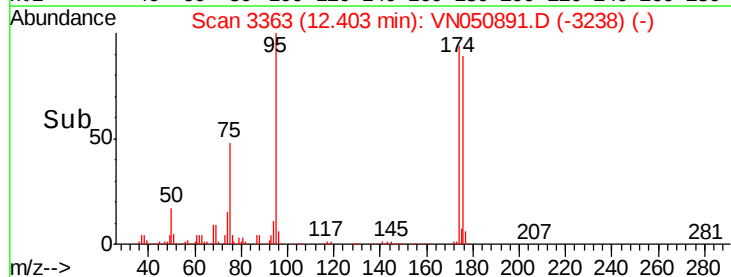
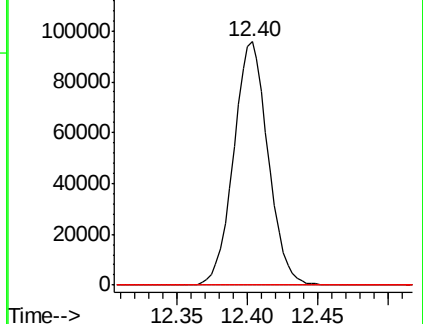
89 0.0 36.1 54.1#

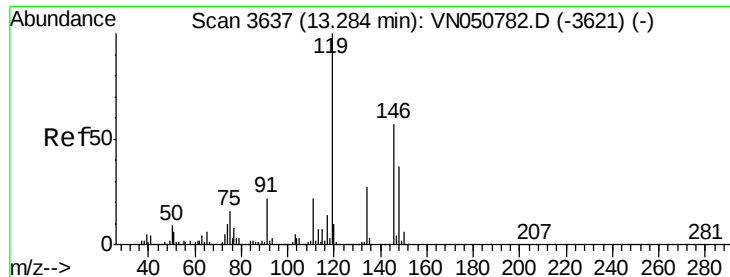


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

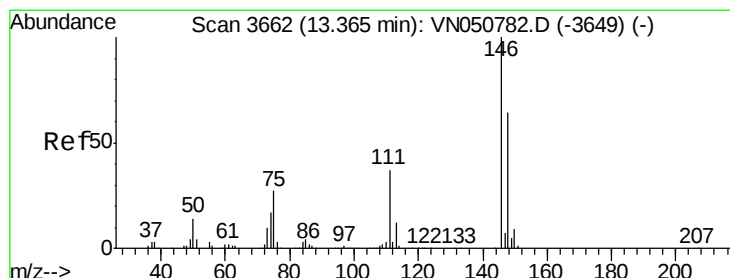
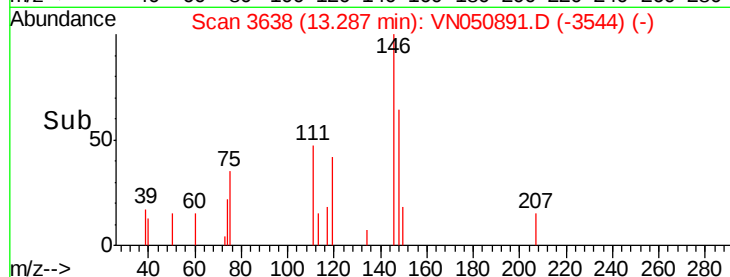
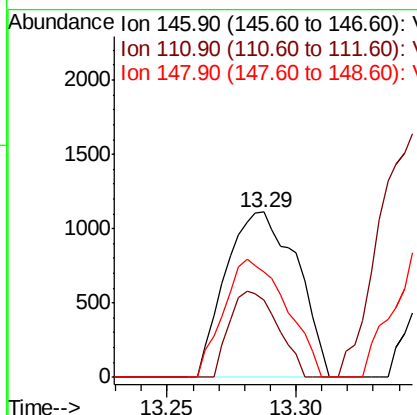
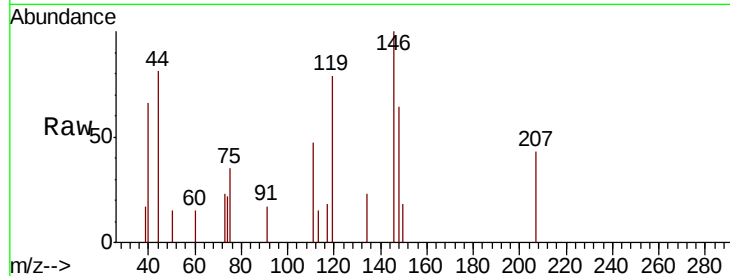




#87
 1,3-Dichlorobenzene
 Concen: 0.22 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN050891.D
 Acq: 27 Aug 2018 12:05

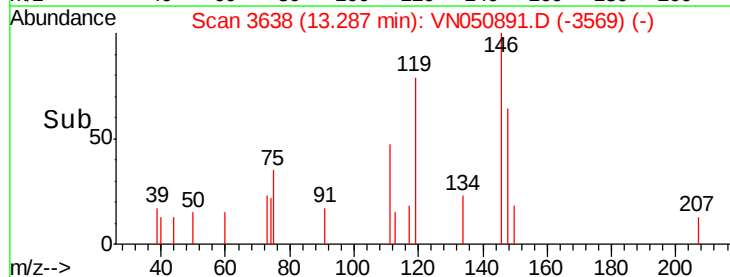
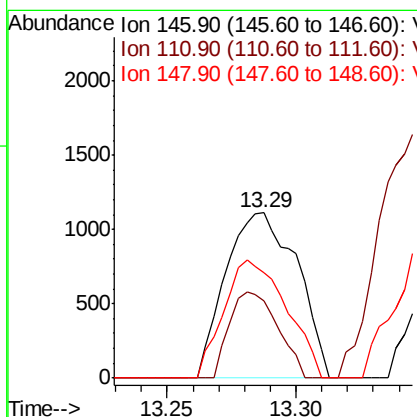
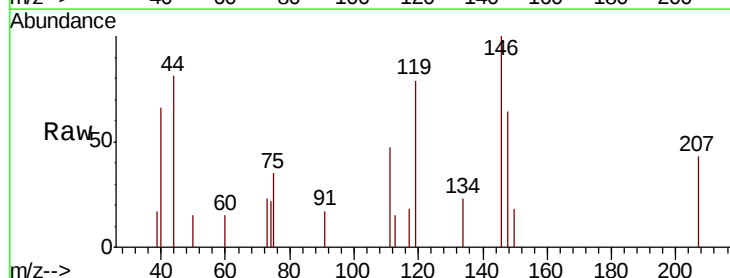
Instrument :
 MSVOA_N
 ClientSampled :
 PB112375TB

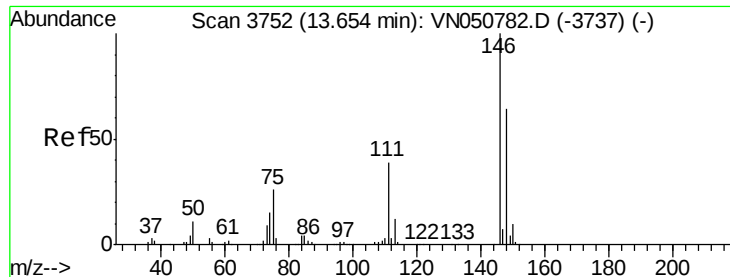
Tot Ion:146 Resp: 2146
 Ion Ratio Lower Upper
 146 100
 111 35.2 19.1 57.3
 148 62.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 0.23 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. -0.08 min
 Lab File: VN050891.D
 Acq: 27 Aug 2018 12:05

Tgt Ion:146 Resp: 2146
 Ion Ratio Lower Upper
 146 100
 111 35.2 18.8 56.3
 148 62.4 32.2 96.6

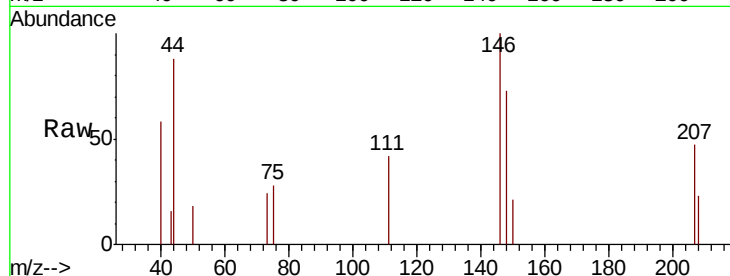




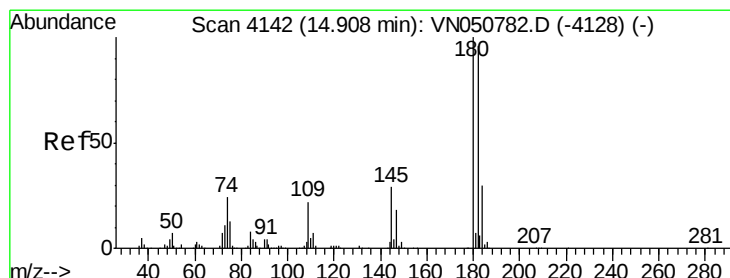
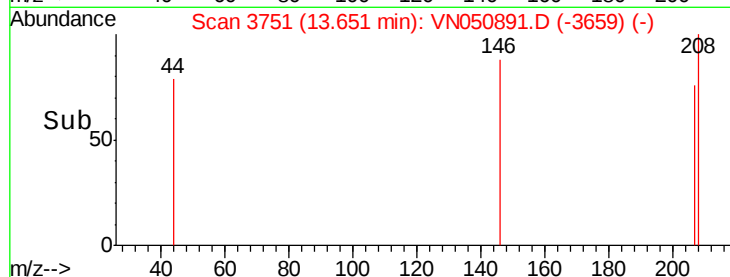
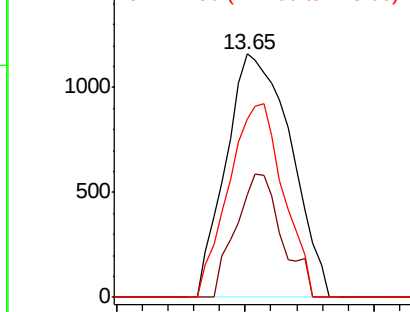
#91
 1,2-Dichlorobenzene
 Concen: 0.22 ug/l
 RT: 13.65 min Scan# 3751
 Delta R.T. -0.00 min
 Lab File: VN050891.D
 Acq: 27 Aug 2018 12:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112375TB

Tot Ion:146 Resp: 2025
 Ion Ratio Lower Upper
 146 100
 111 36.3 19.8 59.3
 148 67.2 32.3 96.8

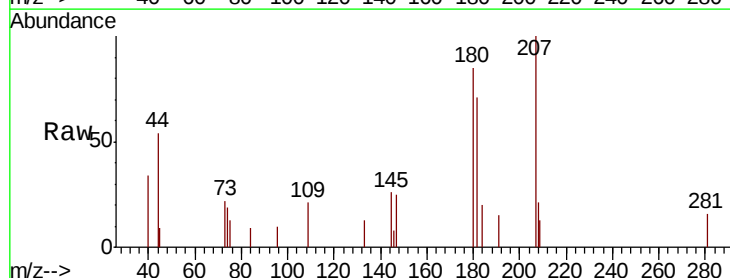


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

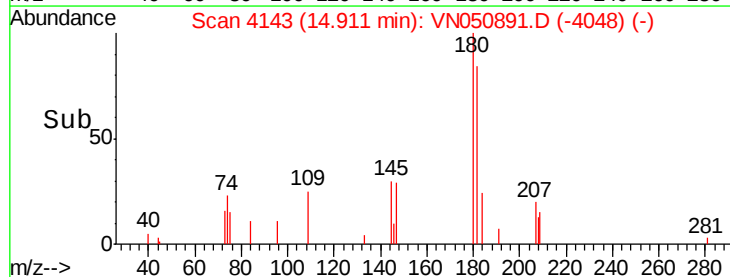
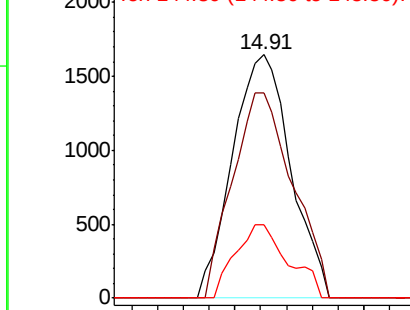


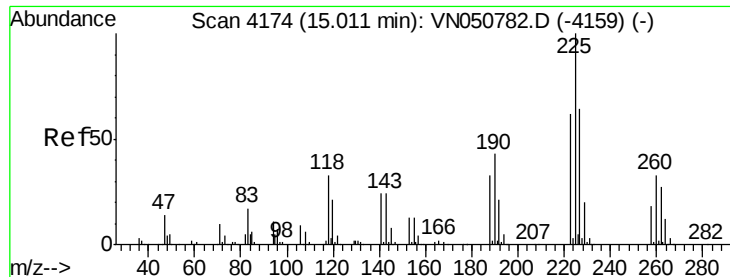
#93
 1,2,4-Trichlorobenzene
 Concen: 4.57 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050891.D
 Acq: 27 Aug 2018 12:05

Tgt Ion:180 Resp: 2591
 Ion Ratio Lower Upper
 180 100
 182 87.1 48.2 144.6
 145 27.4 14.1 42.2



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: 15.01 min Scan# 4175

Delta R.T. 0.00 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

Instrument :

MSVOA_N

ClientSampleId :

PB112375TB

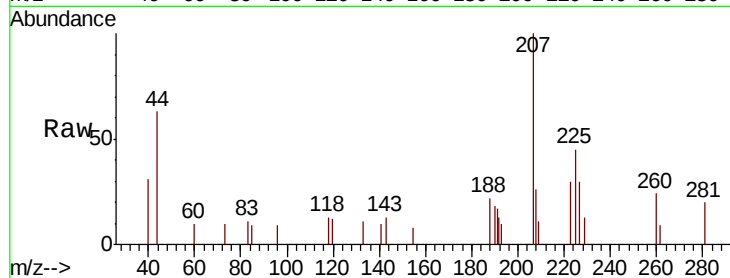
Tot Ion:225 Resp: 1349

Ion Ratio Lower Upper

225 100

223 68.9 31.3 93.8

227 76.8 32.0 96.2



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

15.01

800

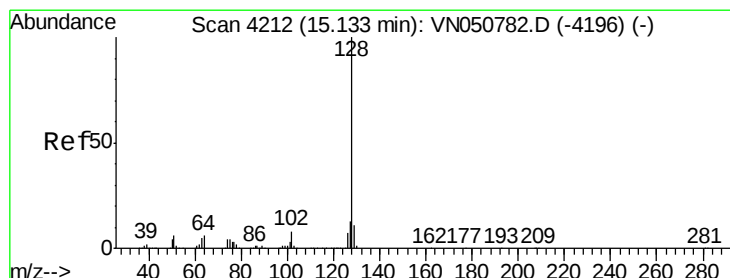
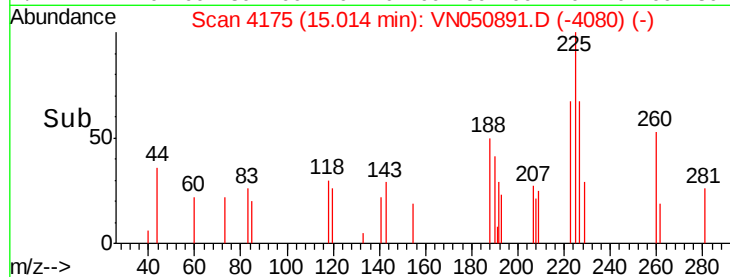
600

400

200

0

Time-->



#95

Naphthalene

Concen: 5.94 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050891.D

Acq: 27 Aug 2018 12:05

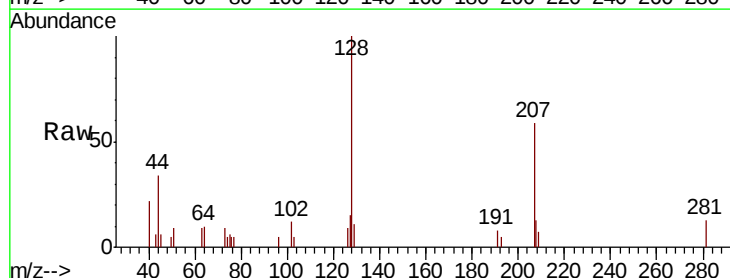
Tgt Ion:128 Resp: 6109

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 9.2 8.7 13.1



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

15.13

4000

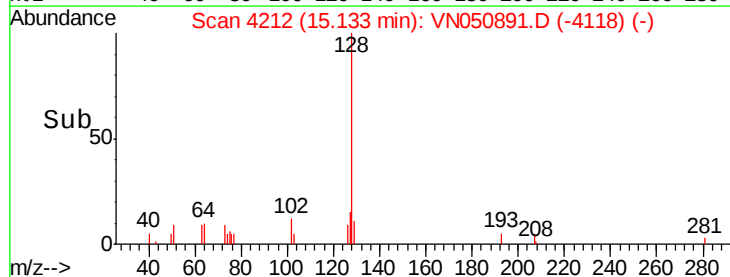
3000

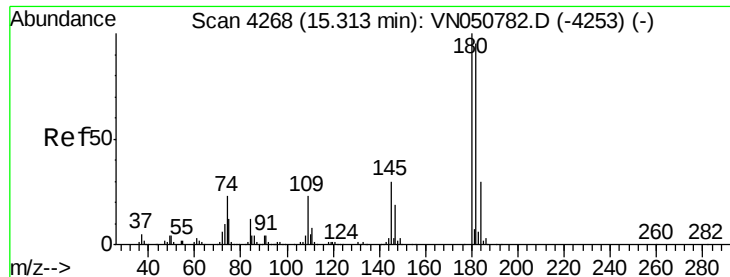
2000

1000

0

Time-->

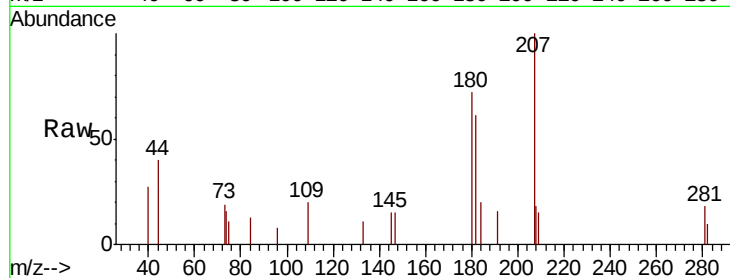




#96
 1,2,3-Trichlorobenzene
 Concen: 3.91 ug/l
 RT: 15.32 min Scan# 4271
 Delta R.T. 0.01 min
 Lab File: VN050891.D
 Acq: 27 Aug 2018 12:05

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112375TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.0	144.2
145	26.7	15.2	45.6



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

