

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111218\
 Data File : VN052256.D
 Acq On : 12 Nov 2018 12:31
 Operator : MD\SY
 Sample : PB114678TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678TB

Quant Time: Nov 13 00:13:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	339050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	560730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	487288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180044	50.00	ug/l	0.00

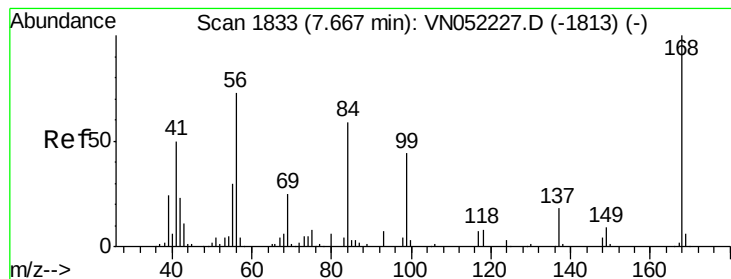
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	216733	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
35) Dibromofluoromethane	7.59	113	175536	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
50) Toluene-d8	10.09	98	702014	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.40	95	210273	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	

Target Compounds

					Qvalue	
13) Acrolein	3.62	56	164	34.483	ug/l #	34
16) Acetone	3.83	43	6508	Below Cal		96
17) Carbon Disulfide	4.06	76	2561	0.249	ug/l #	73
20) Methylene Chloride	4.55	84	5363	1.269	ug/l	89
25) 2-Butanone	6.86	43	558	0.282	ug/l #	52
31) Cyclohexane	7.67	56	9191	0.601	ug/l #	25
36) 1,1-Dichloropropene	7.66	75	30137	5.325	ug/l #	45
38) Carbon Tetrachloride	7.67	117	34837	6.792	ug/l #	16
43) Isopropyl Acetate	8.16	43	18936	2.552	ug/l	99
45) 1,2-Dichloropropane	9.27	63	1498	0.331	ug/l #	44
48) Methyl methacrylate	9.18	41	5539	1.417	ug/l #	15
49) 1,4-Dioxane	9.26	88	150	4.773	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	6333	1.546	ug/l #	40
54) cis-1,3-Dichloropropene	9.90	75	40036	6.379	ug/l #	69
57) 1,3-Dichloropropane	10.76	76	8267	1.307	ug/l #	43
59) 2-Hexanone	10.76	43	138231	48.054	ug/l #	54
71) Bromoform	12.40	173	2005	0.961	ug/l #	1
74) N-amyl acetate	12.07	43	1236	0.231	ug/l #	62
76) 1,2,3-Trichloropropane	12.40	75	114326	35.890	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	8874	0.758	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	114326	122.509	ug/l #	8
88) 1,4-Dichlorobenzene	13.36	146	1504	0.250	ug/l #	68
89) n-Butylbenzene	13.62	91	2262	0.217	ug/l #	68
92) 1,2-Dibromo-3-Chloropropan	14.27	75	220	0.429	ug/l #	27
93) 1,2,4-Trichlorobenzene	14.91	180	2308	0.997	ug/l	94
94) Hexachlorobutadiene	15.00	225	922	0.733	ug/l	92
95) Naphthalene	15.13	128	6013	1.054	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	2461	1.125	ug/l	85

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052256.D

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Instrument :

MSVOA_N

ClientSampleId :

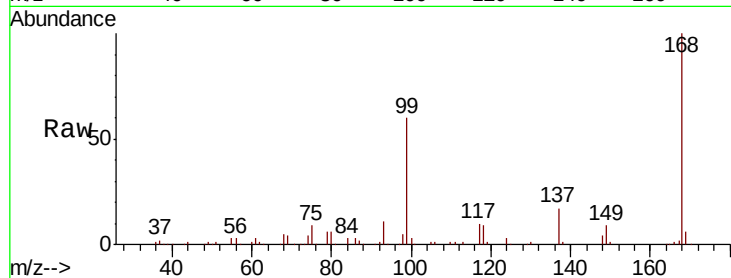
PB114678TB

Tot Ion:168 Resp: 339050

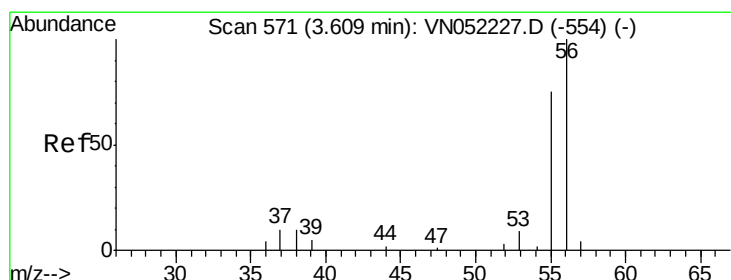
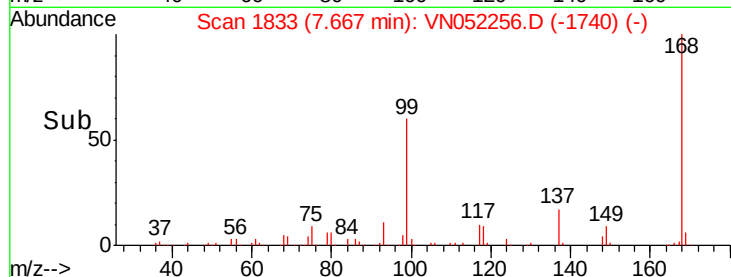
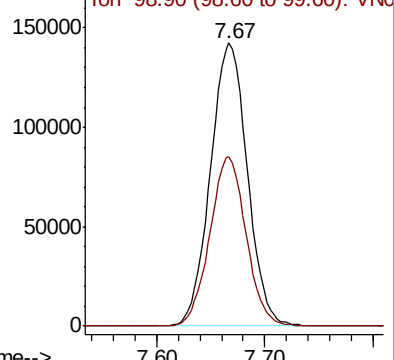
Ion Ratio Lower Upper

168 100

99 60.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): VN052227.D (-1813) (-)



#13

Acrolein

Concen: 34.483 ug/l

RT: 3.62 min Scan# 575

Delta R.T. 0.01 min

Lab File: VN052256.D

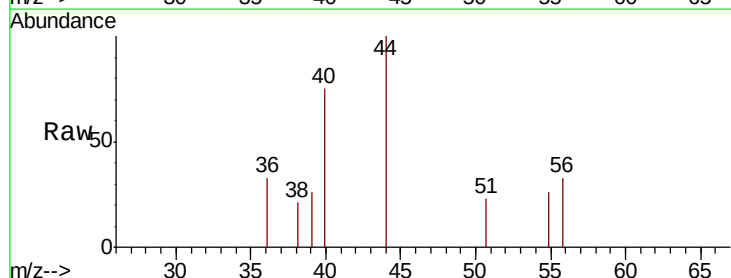
Acq: 12 Nov 2018 12:31

Tgt Ion: 56 Resp: 164

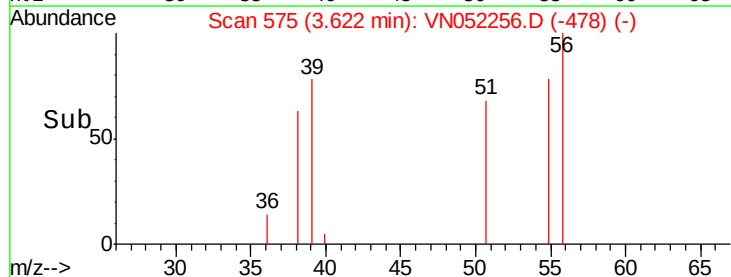
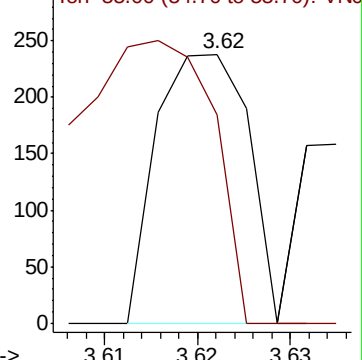
Ion Ratio Lower Upper

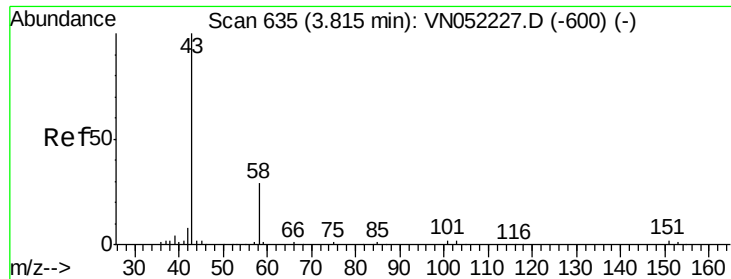
56 100

55 131.1 59.9 89.9#



Abundance Ion 56.00 (55.70 to 56.70): VN052227.D (-554) (-)





#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN052256.D

Acq: 12 Nov 2018 12:31

Instrument :

MSVOA_N

ClientSampled :

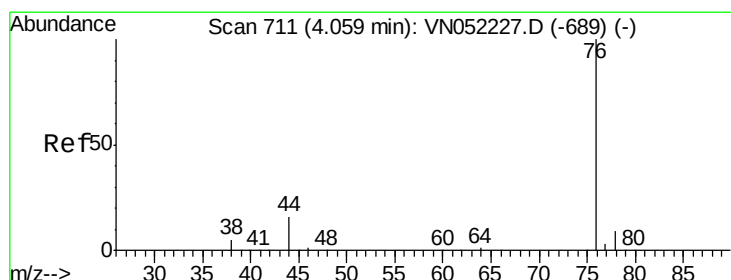
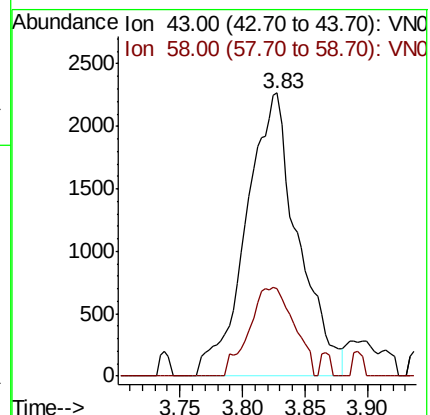
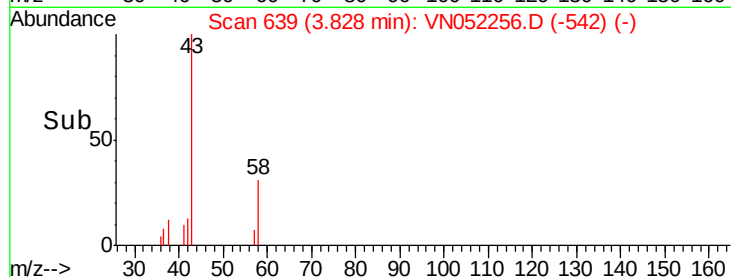
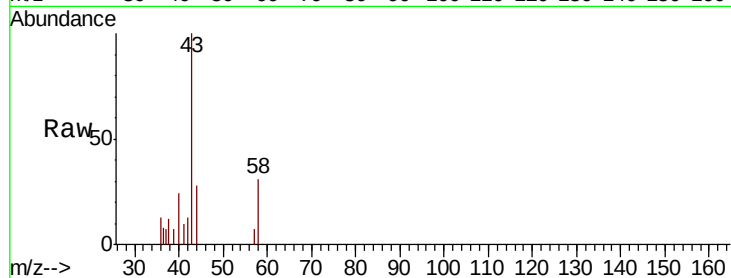
PB114678TB

Tot Ion: 43 Resp: 6508

Ion Ratio Lower Upper

43 100

58 31.0 23.0 34.6



#17

Carbon Disulfide

Concen: 0.249 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052256.D

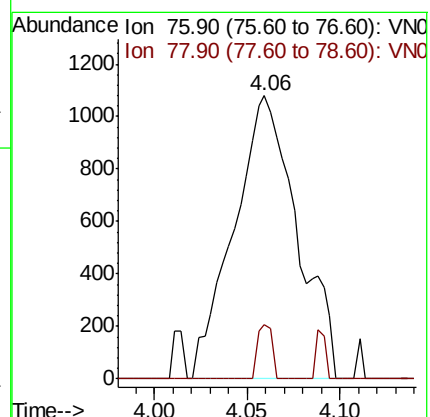
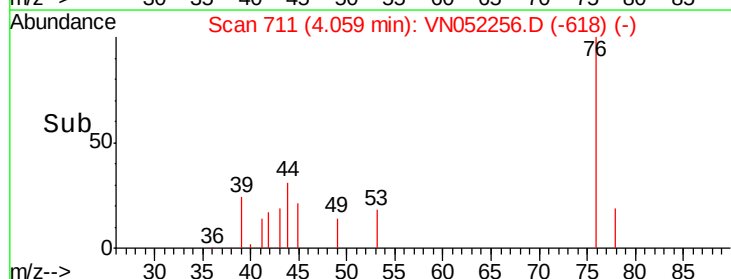
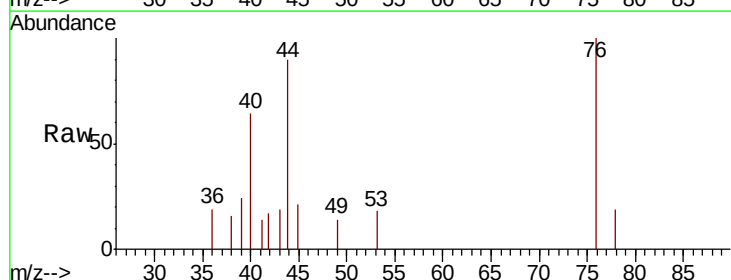
Acq: 12 Nov 2018 12:31

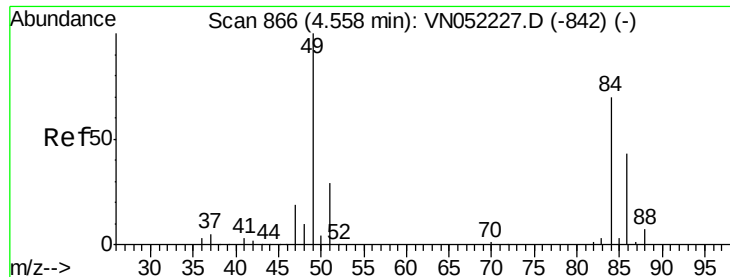
Tgt Ion: 76 Resp: 2561

Ion Ratio Lower Upper

76 100

78 19.0 7.3 10.9#

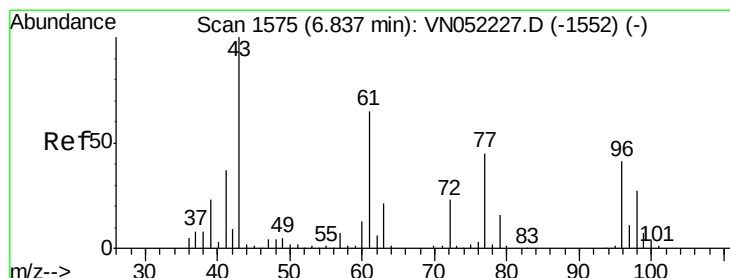
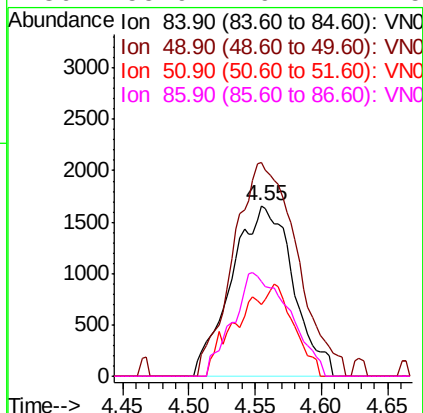
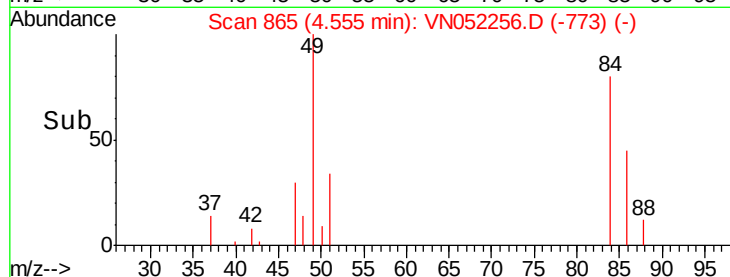
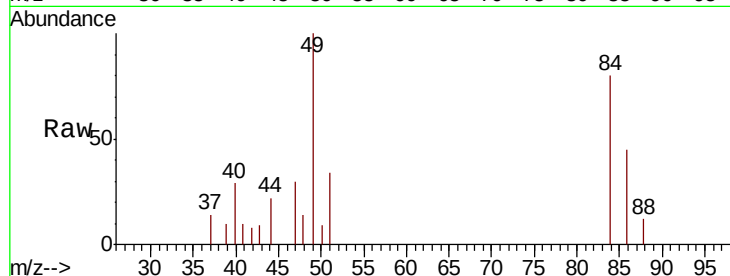




#20
Methylene Chloride
Concen: 1.269 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052256.D
Acq: 12 Nov 2018 12:31

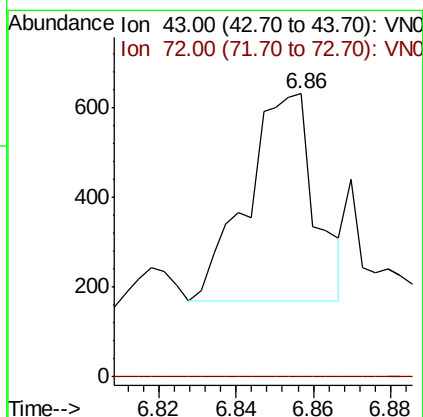
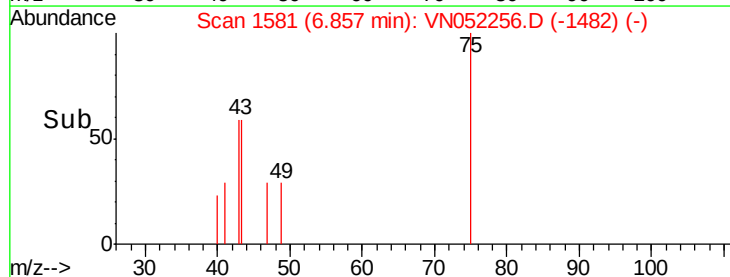
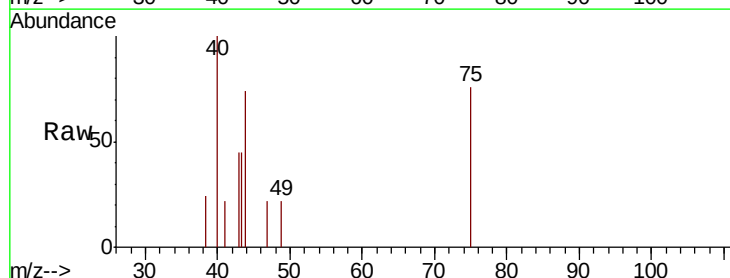
Instrument :
MSVOA_N
ClientSampled :
PB114678TB

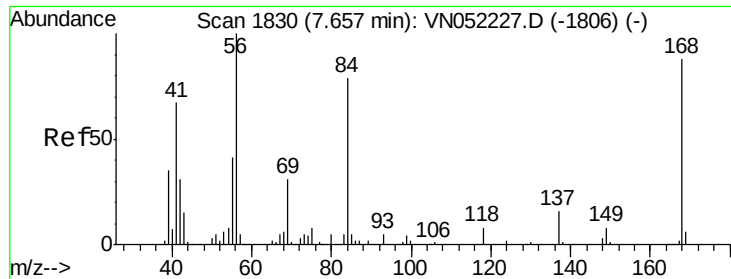
Tot Ion: 84 Resp: 5363
Ion Ratio Lower Upper
84 100
49 125.4 114.8 172.2
51 42.0 33.1 49.7
86 55.9 49.7 74.5



#25
2-Butanone
Concen: 0.282 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN052256.D
Acq: 12 Nov 2018 12:31

Tgt Ion: 43 Resp: 558
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#

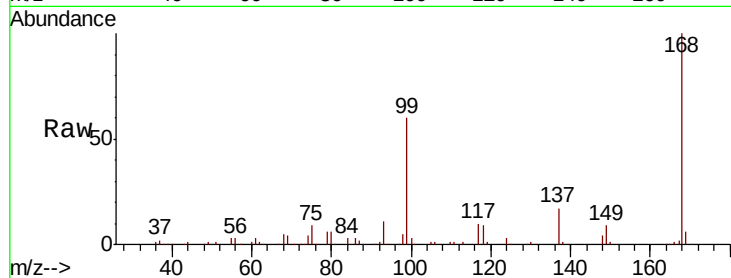




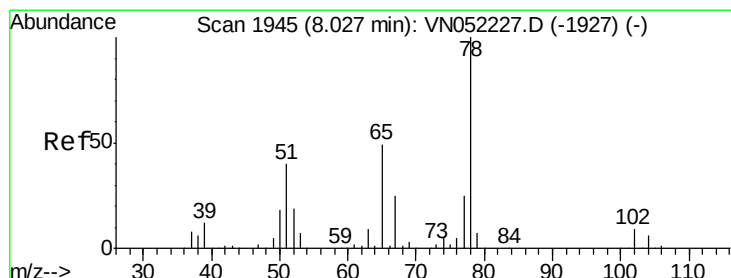
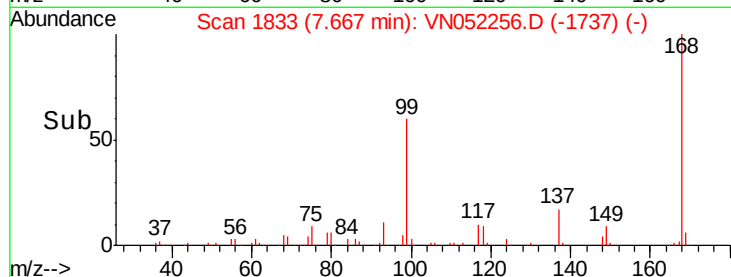
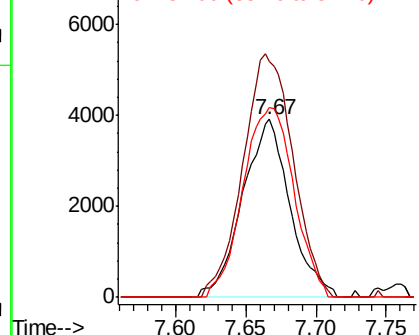
#31
Cyclohexane
Concen: 0.601 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052256.D
Acq: 12 Nov 2018 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB114678TB

Tot Ion: 56 Resp: 9191
Ion Ratio Lower Upper
56 100
69 132.7 24.8 37.2#
84 106.6 63.1 94.7#

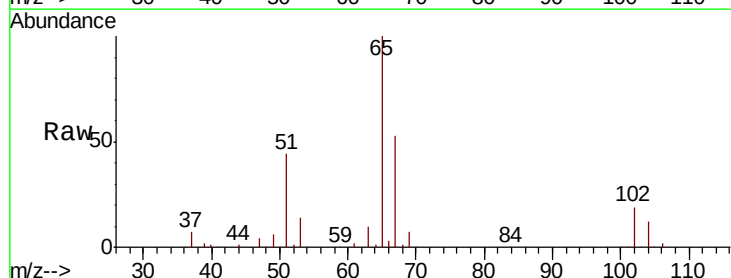


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

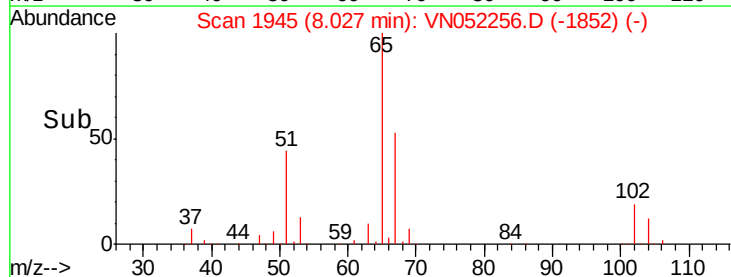
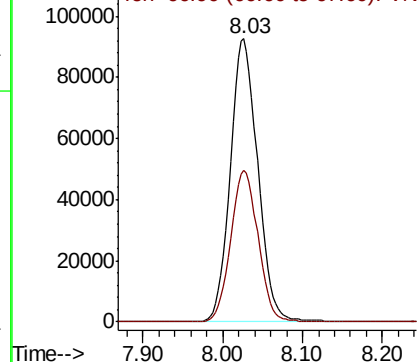


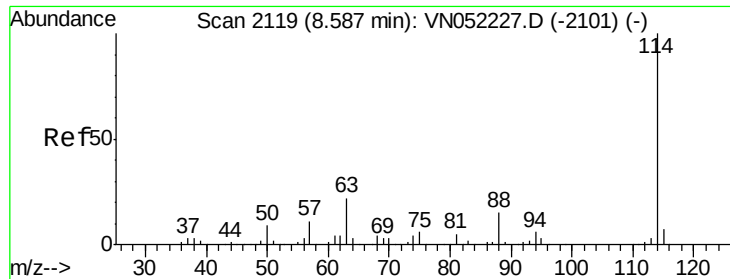
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052256.D
Acq: 12 Nov 2018 12:31

Tgt Ion: 65 Resp: 216733
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.6



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

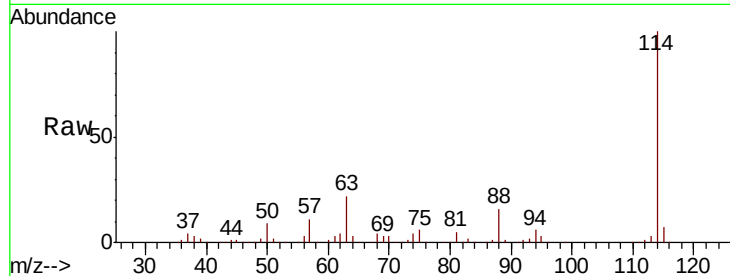




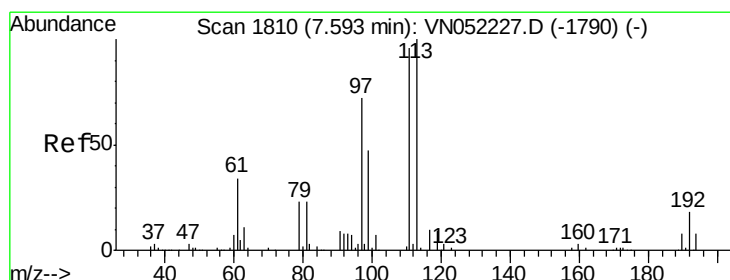
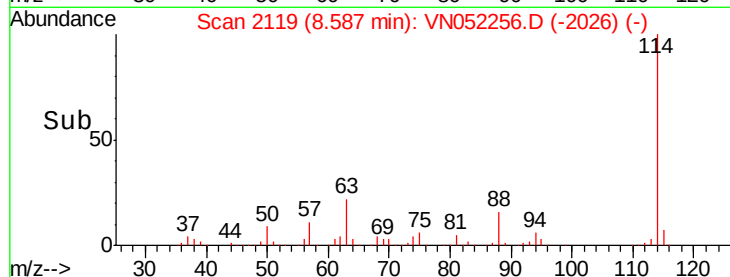
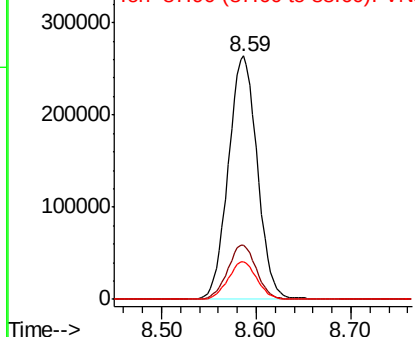
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052256.D
 Acq: 12 Nov 2018 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678TB

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.4
88	15.6	0.0	30.2

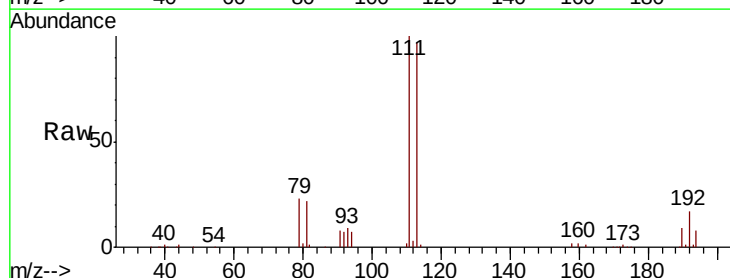


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

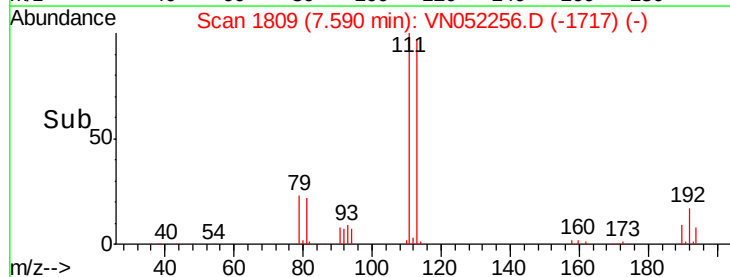
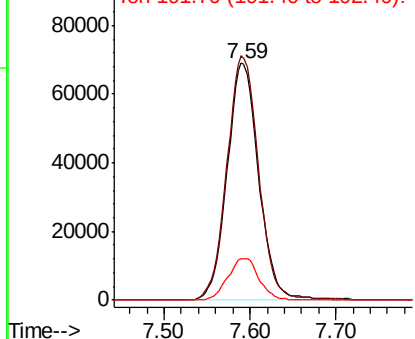


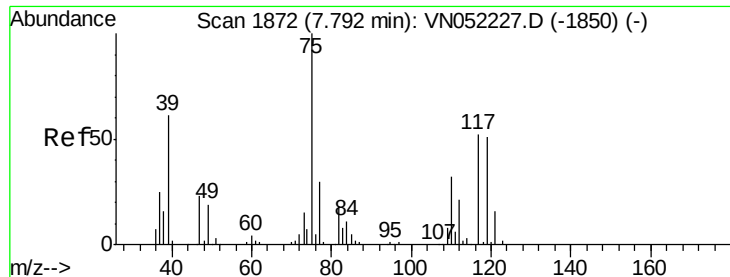
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052256.D
 Acq: 12 Nov 2018 12:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	80.2	120.4
192	17.4	14.1	21.1



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

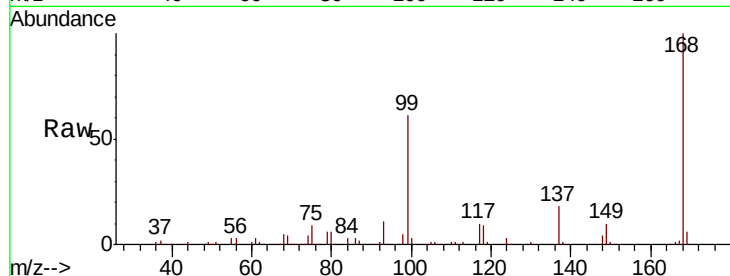




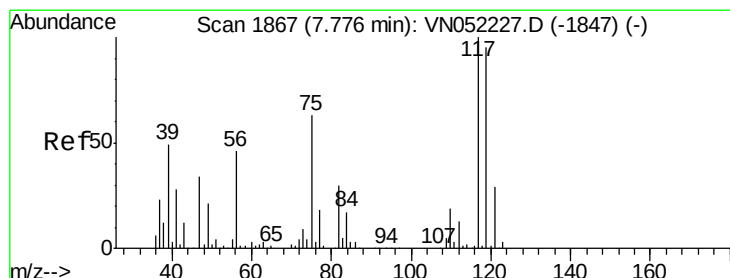
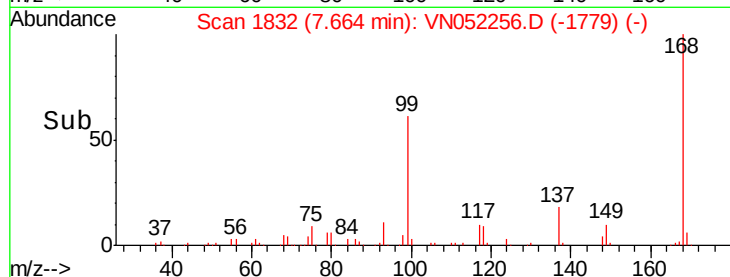
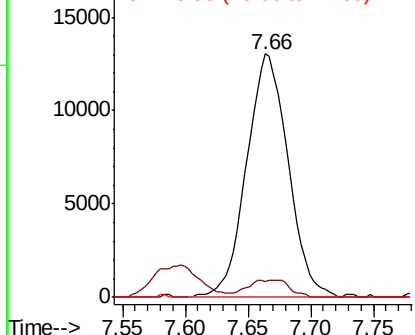
#36
 1,1-Dichloropropene
 Concen: 5.325 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052256.D
 Acq: 12 Nov 2018 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114678TB

Tot Ion: 75 Resp: 30137
 Ion Ratio Lower Upper
 75 100
 110 2.4 16.4 49.4#
 77 0.0 23.9 35.9#

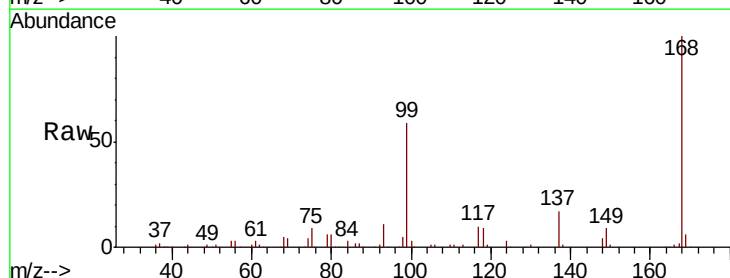


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

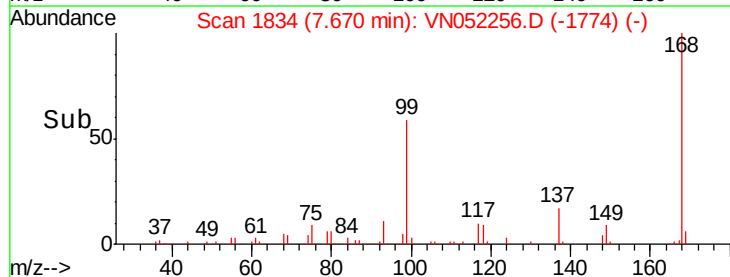
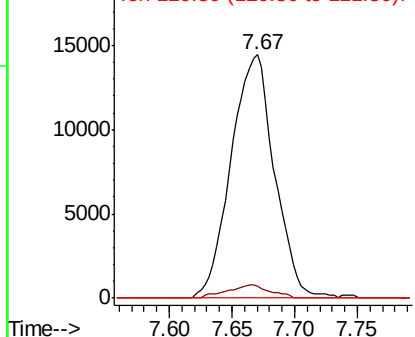


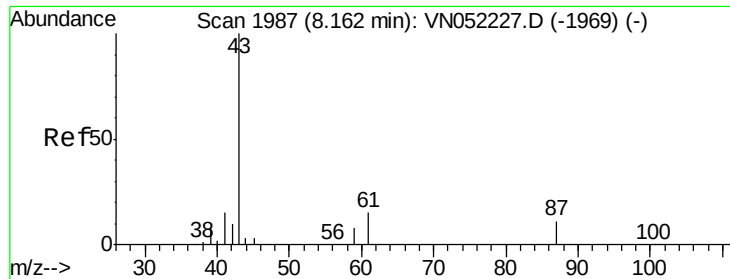
#38
 Carbon Tetrachloride
 Concen: 6.792 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.11 min
 Lab File: VN052256.D
 Acq: 12 Nov 2018 12:31

Tgt Ion: 117 Resp: 34837
 Ion Ratio Lower Upper
 117 100
 119 5.1 75.8 113.8#
 121 0.0 23.4 35.2#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 2.552 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052256.D

Acq: 12 Nov 2018 12:31

Instrument :

MSVOA_N

ClientSampled :

PB114678TB

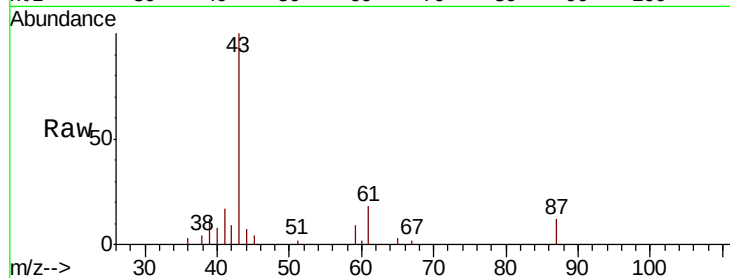
Tot Ion: 43 Resp: 18936

Ion Ratio Lower Upper

43 100

61 17.6 14.2 21.4

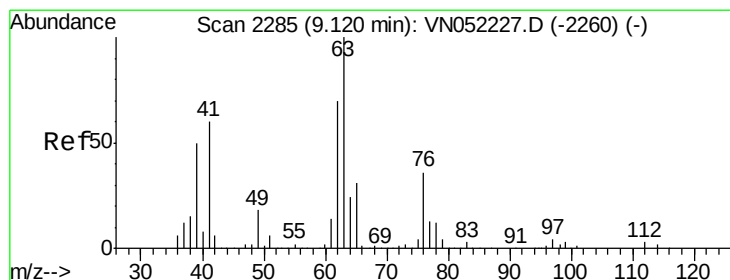
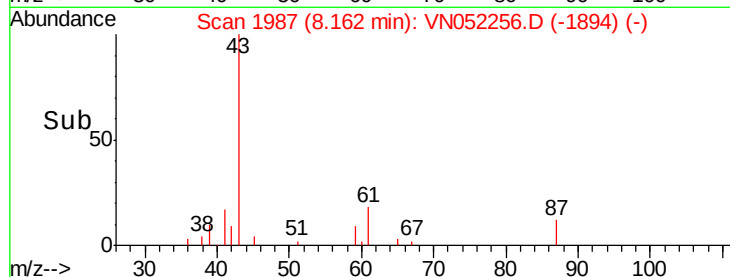
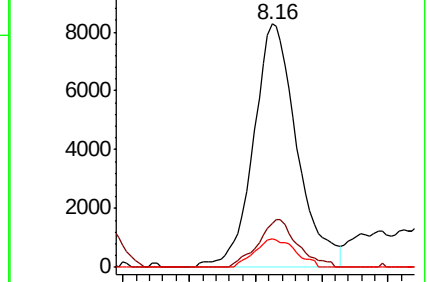
87 11.0 8.4 12.6



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



#45

1,2-Dichloropropane

Concen: 0.331 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN052256.D

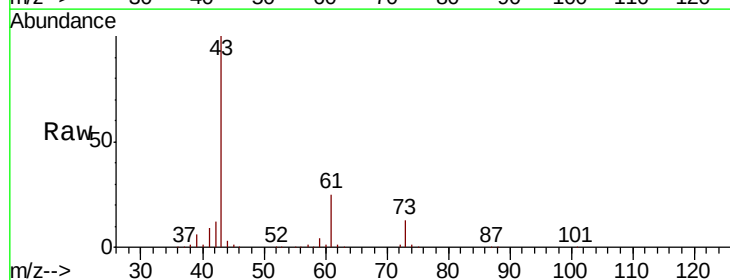
Acq: 12 Nov 2018 12:31

Tgt Ion: 63 Resp: 1498

Ion Ratio Lower Upper

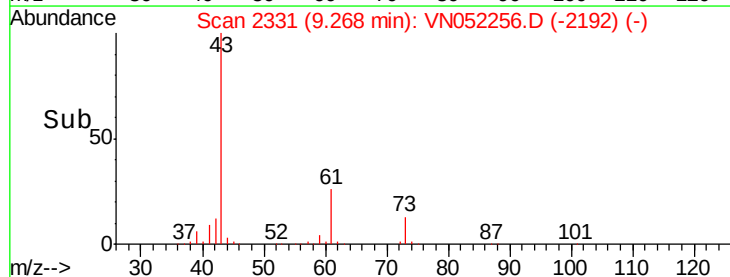
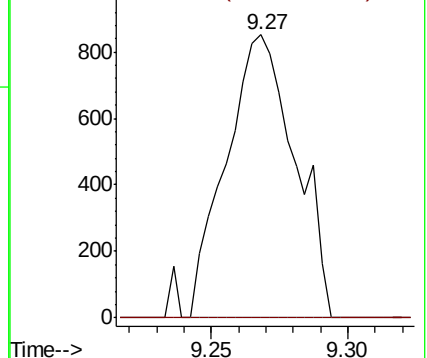
63 100

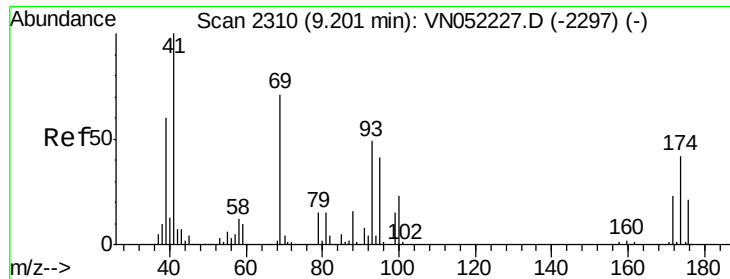
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

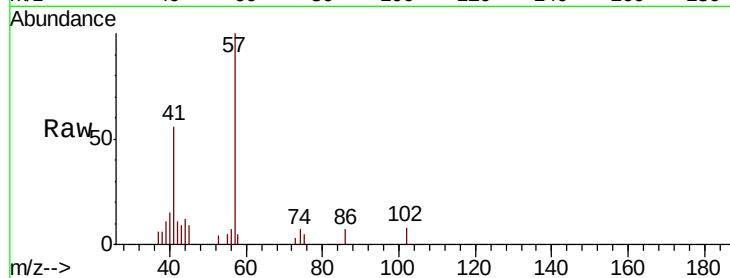




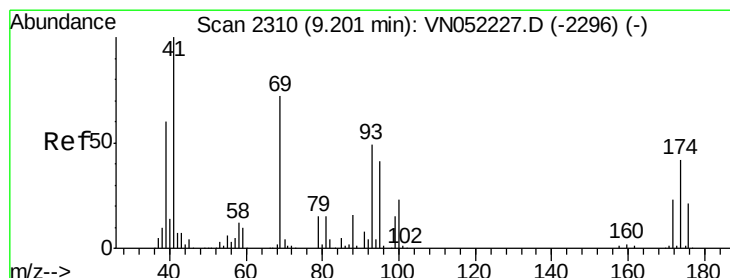
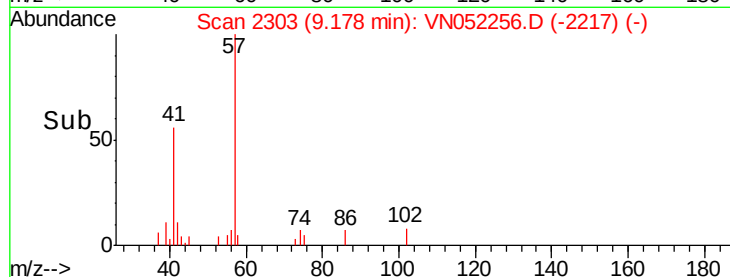
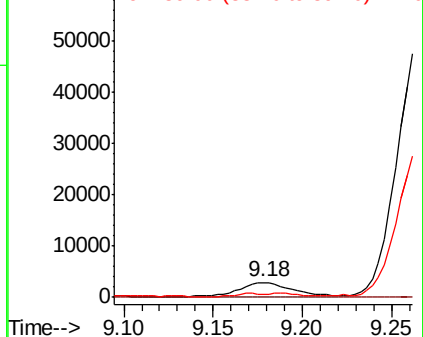
#48
Methyl methacrylate
Concen: 1.417 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052256.D
Acq: 12 Nov 2018 12:31

Instrument :
MSVOA_N
ClientSampleId :
PB114678TB

Tot Ion: 41 Resp: 5539
Ion Ratio Lower Upper
41 100
69 0.0 58.8 88.2#
39 0.0 50.7 76.1#

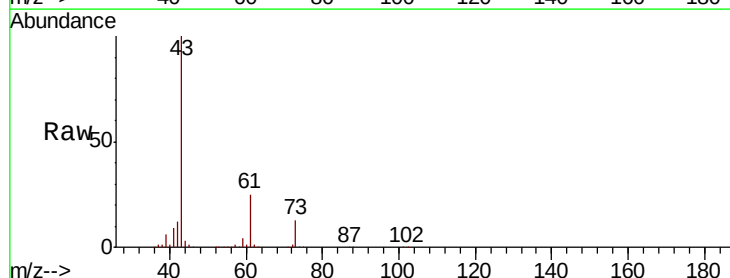


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

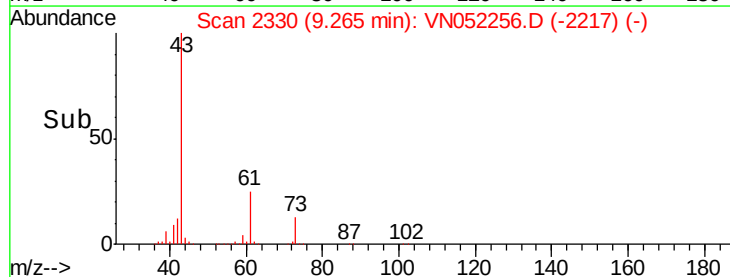
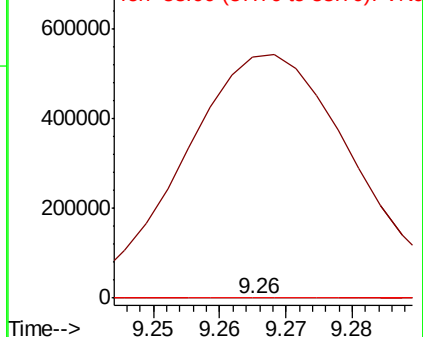


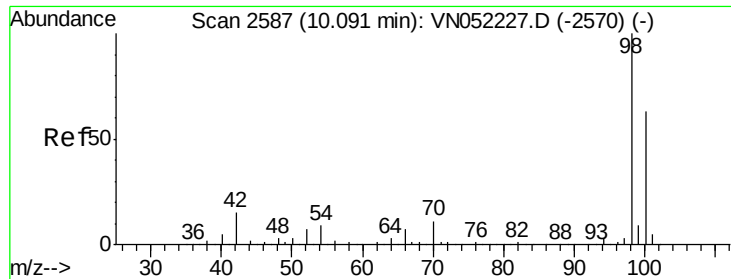
#49
1,4-Dioxane
Concen: 4.773 ug/l
RT: 9.26 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN052256.D
Acq: 12 Nov 2018 12:31

Tgt Ion: 88 Resp: 150
Ion Ratio Lower Upper
88 100
43 677715.3 32.5 48.7#
58 3146.0 58.2 87.4#



Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO

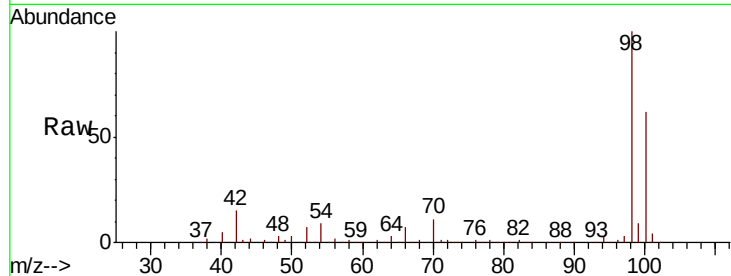




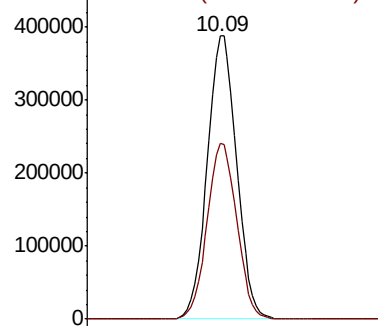
#50
Toluene-d8
Concen: 4.773 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN052256.D
Acq: 12 Nov 2018 12:31

Instrument :
MSVOA_N
ClientSampled :
PB114678TB

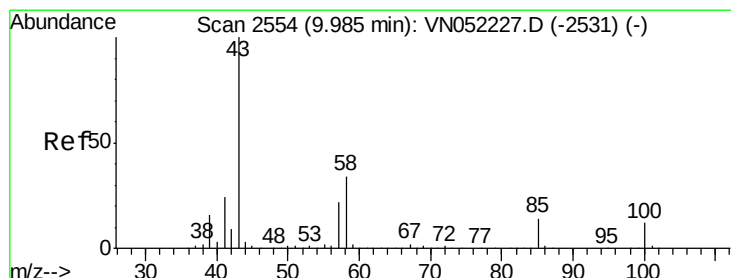
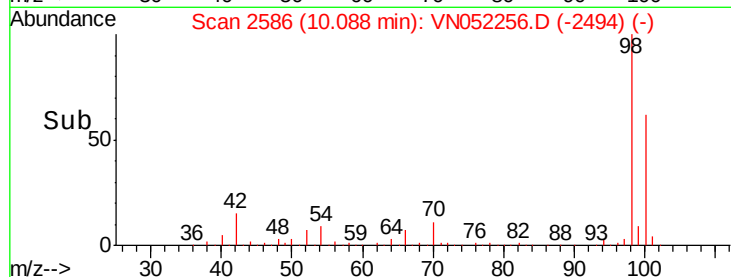
Tot Ion: 98 Resp: 702014
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN

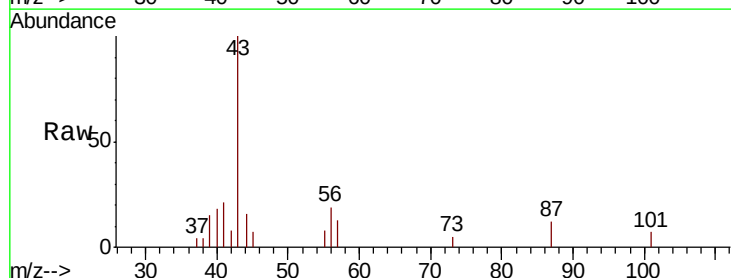


Time-->

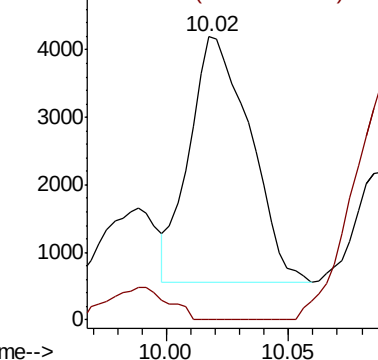


#51
4-Methyl-2-Pentanone
Concen: 1.546 ug/l
RT: 10.02 min Scan# 2564
Delta R.T. 0.03 min
Lab File: VN052256.D
Acq: 12 Nov 2018 12:31

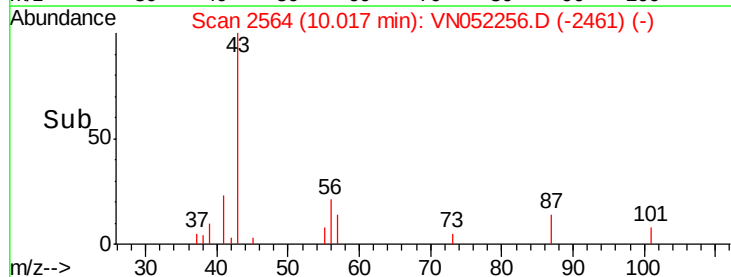
Tgt Ion: 43 Resp: 6333
Ion Ratio Lower Upper
43 100
58 0.0 27.4 41.0#

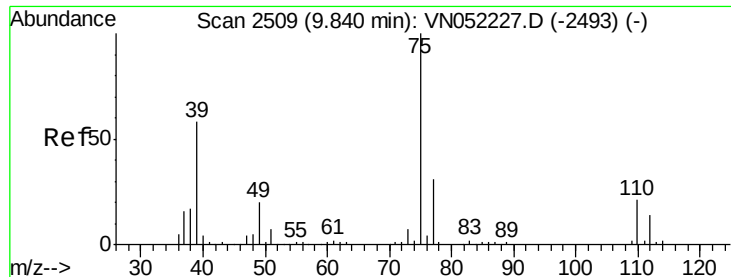


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



Time-->





#54

cis-1,3-Dichloropropene

Concen: 6.379 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052256.D

Acq: 12 Nov 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

PB114678TB

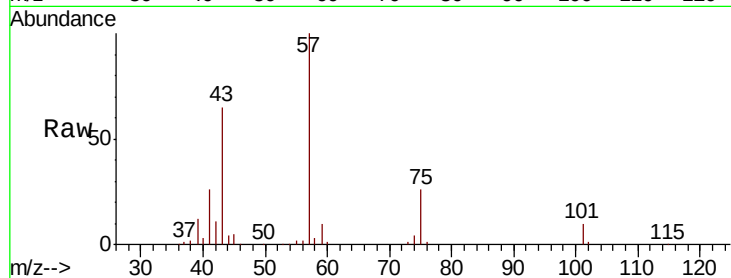
Tot Ion: 75 Resp: 40036

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

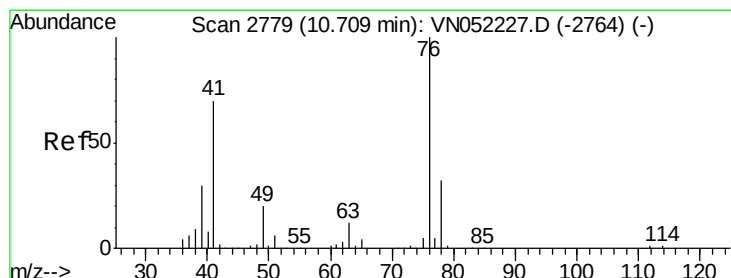
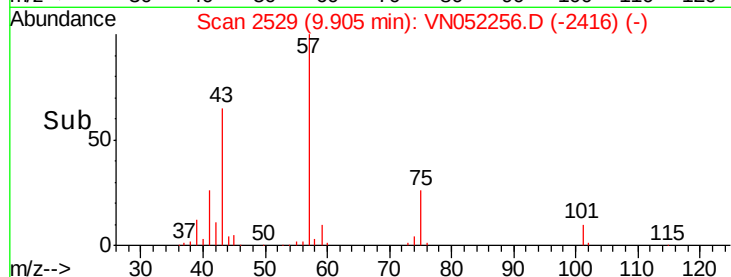
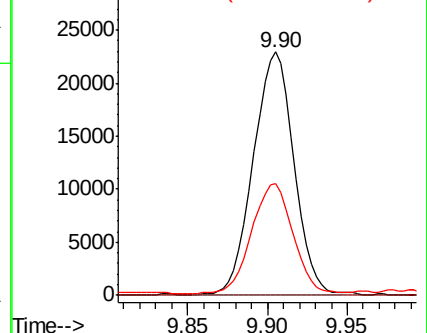
39 45.2 46.6 70.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.307 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN052256.D

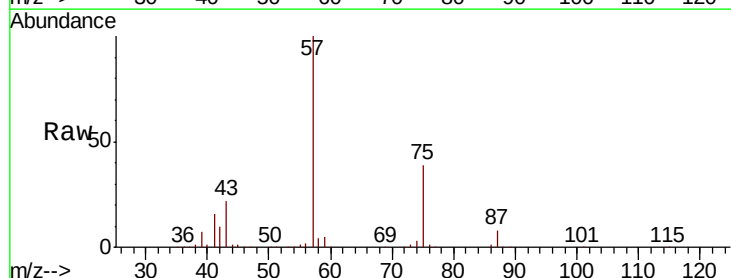
Acq: 12 Nov 2018 12:31

Tgt Ion: 76 Resp: 8267

Ion Ratio Lower Upper

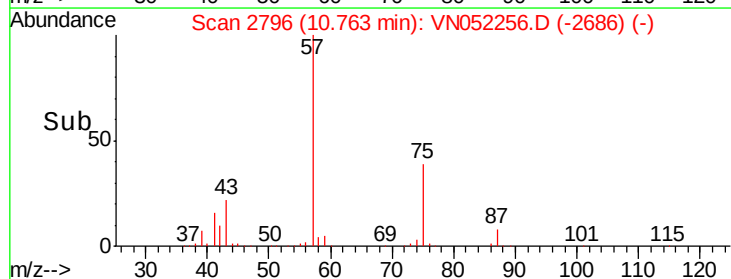
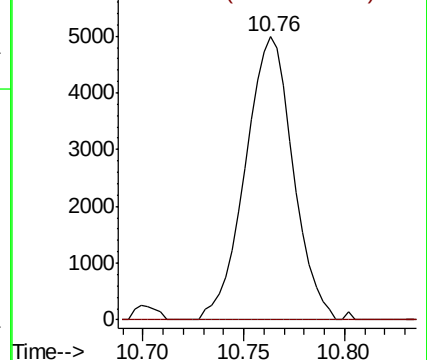
76 100

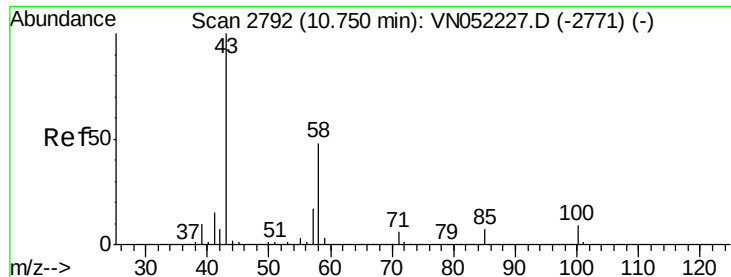
78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

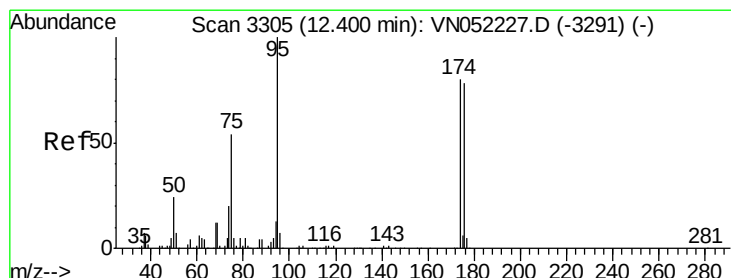
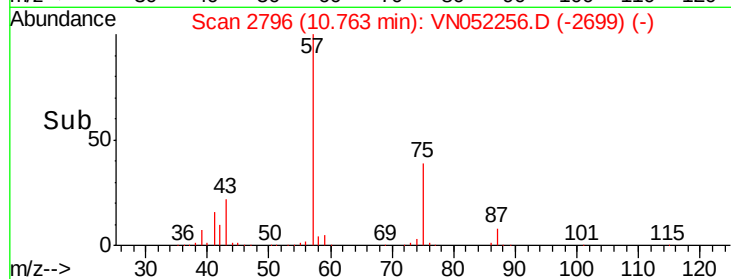
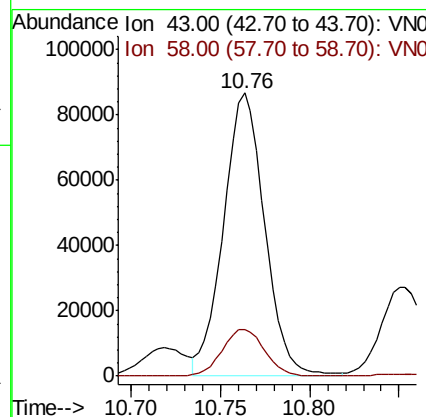
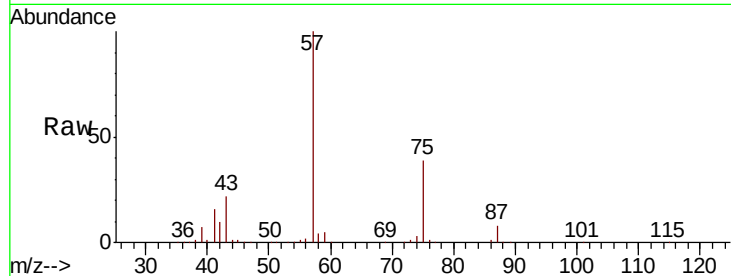




#59
2-Hexanone
Concen: 48.054 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052256.D
Acq: 12 Nov 2018 12:31

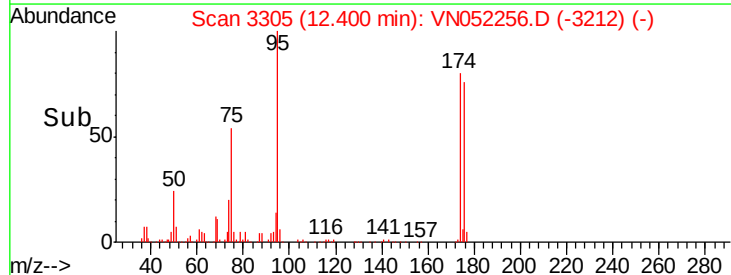
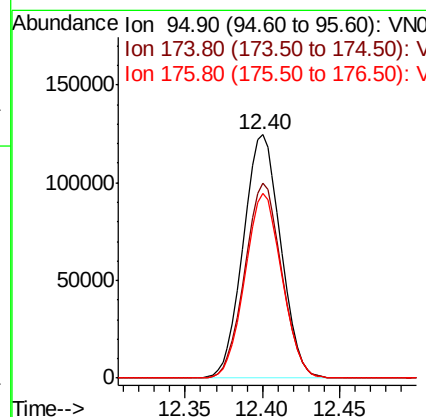
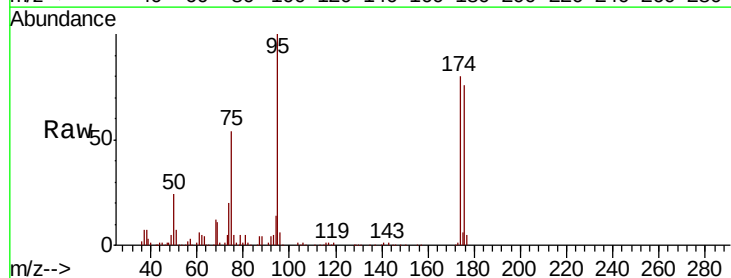
Instrument :
MSVOA_N
ClientSampled :
PB114678TB

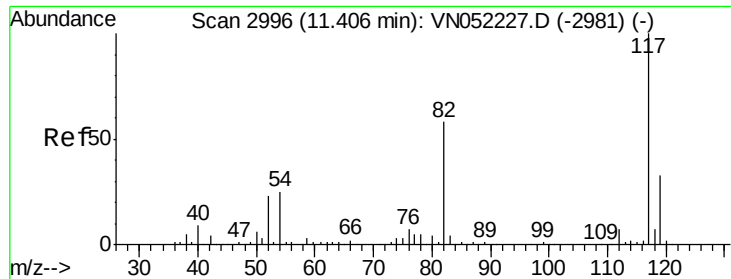
Tot Ion: 43 Resp: 138231
Ion Ratio Lower Upper
43 100
58 17.4 24.1 72.3#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052256.D
Acq: 12 Nov 2018 12:31

Tgt Ion: 95 Resp: 210273
Ion Ratio Lower Upper
95 100
174 78.9 0.0 159.4
176 74.8 0.0 157.8

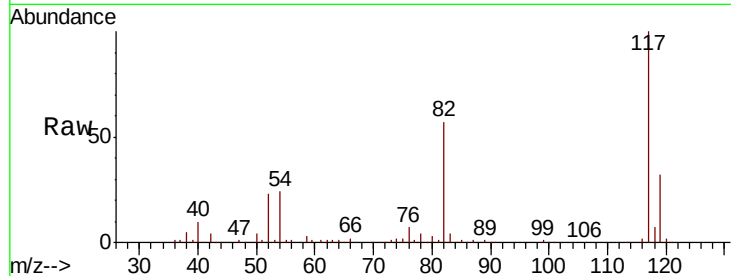




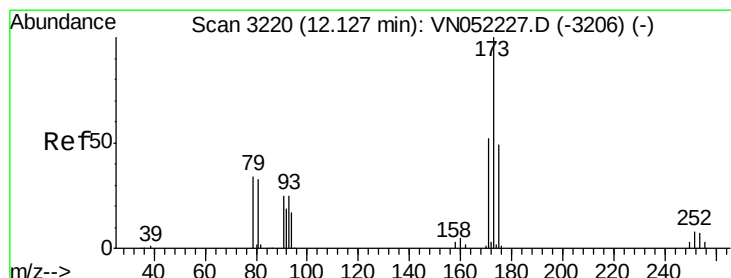
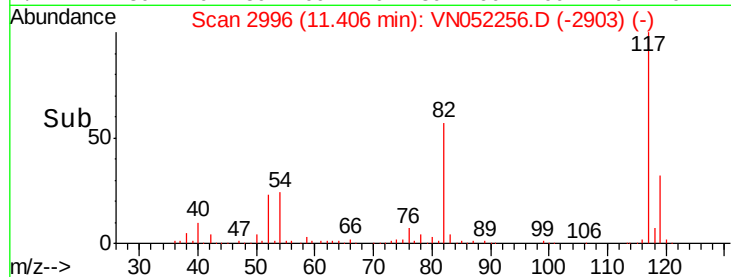
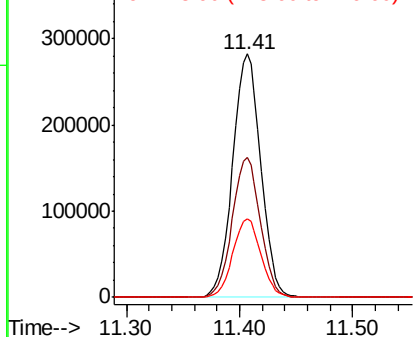
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052256.D
Acq: 12 Nov 2018 12:31

Instrument :
MSVOA_N
ClientSampled :
PB114678TB

Tot Ion:117 Resp: 487288
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.2
119 32.3 26.2 39.4

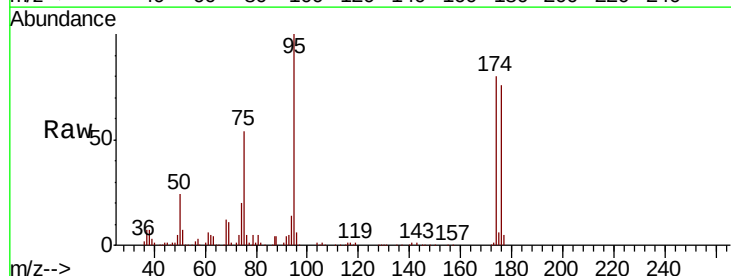


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

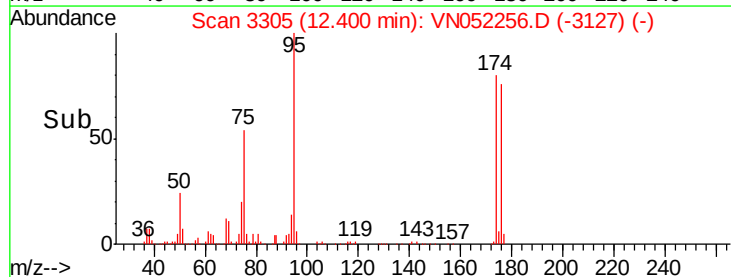
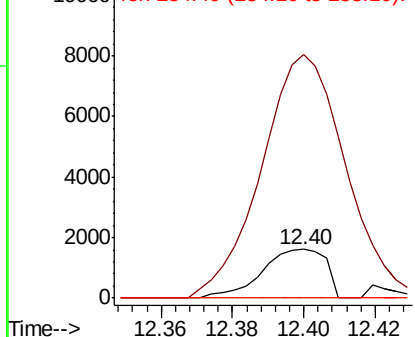


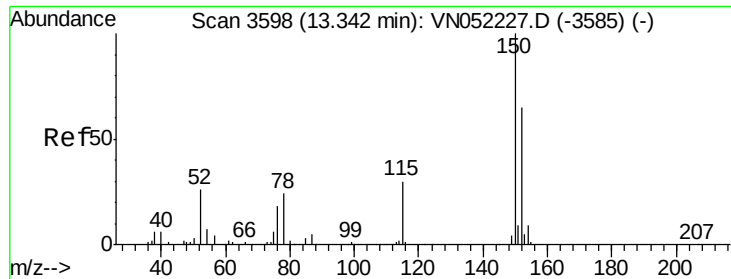
#71
Bromoform
Concen: 0.961 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052256.D
Acq: 12 Nov 2018 12:31

Tgt Ion:173 Resp: 2005
Ion Ratio Lower Upper
173 100
175 592.0 24.5 73.5#
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: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052256.D

Acq: 12 Nov 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

PB114678TB

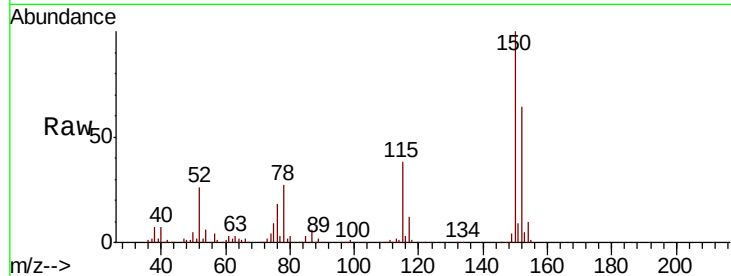
Tot Ion:152 Resp: 180044

Ion Ratio Lower Upper

152 100

115 59.4 29.8 89.5

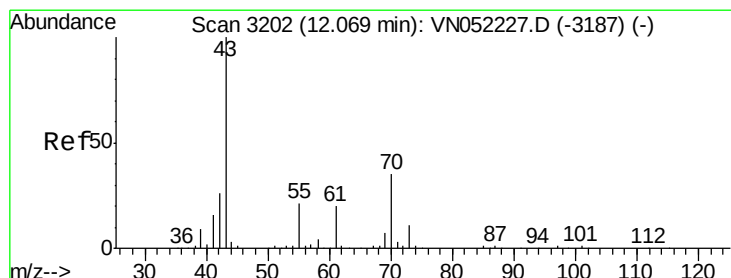
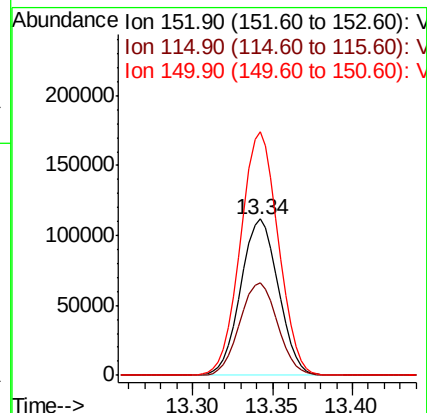
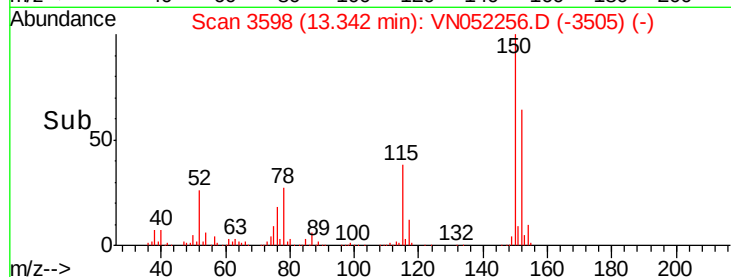
150 155.7 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.231 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN052256.D

Acq: 12 Nov 2018 12:31

Tgt Ion: 43 Resp: 1236

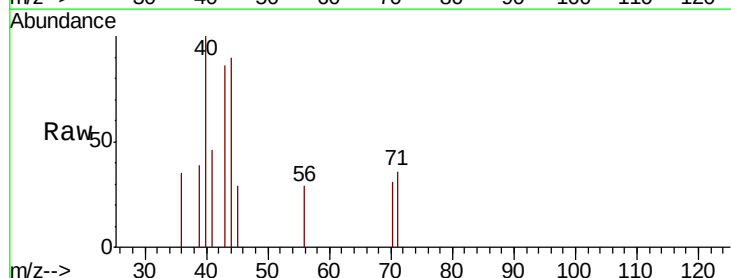
Ion Ratio Lower Upper

43 100

70 13.8 28.2 42.2#

55 4.9 17.4 26.2#

61 0.0 16.3 24.5#

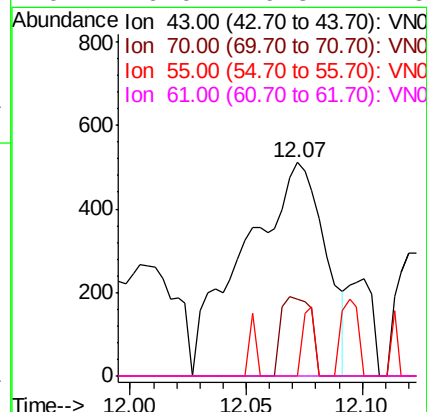
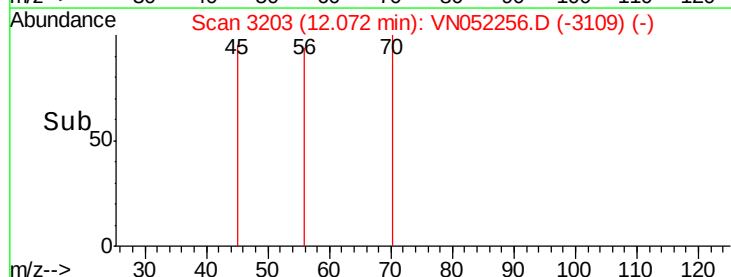


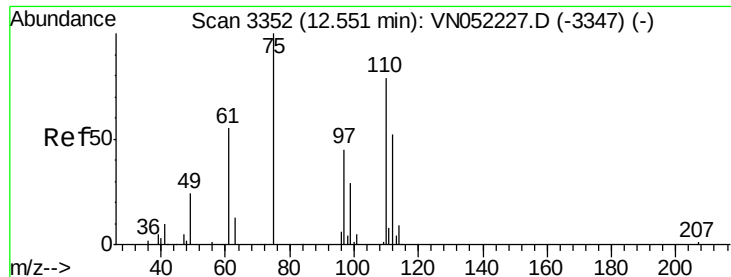
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#76

1,2,3-Trichloropropane

Concen: 35.890 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052256.D

Acq: 12 Nov 2018 12:31

Instrument :

MSVOA_N

ClientSampled :

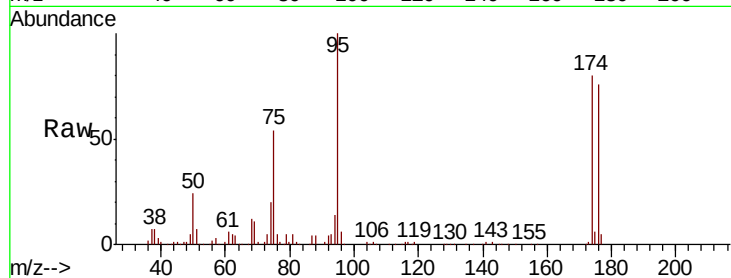
PB114678TB

Tot Ion: 75 Resp: 114326

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052227.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN052227.D (-3347) (-)

12.40

60000

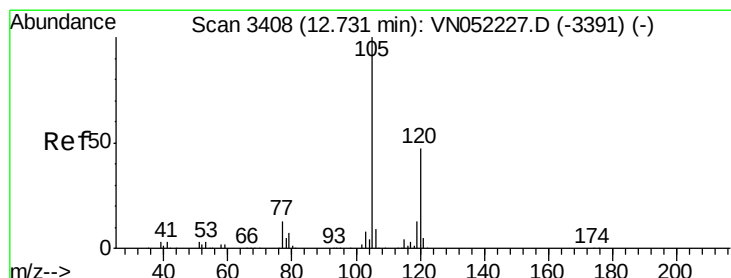
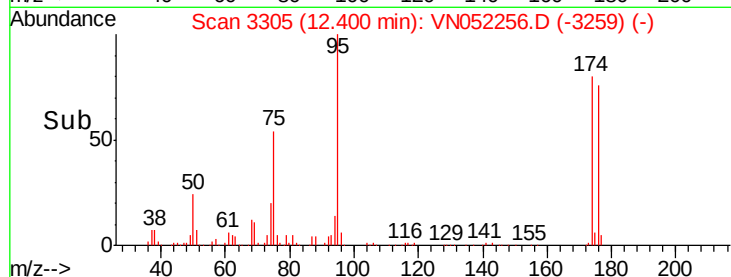
40000

20000

0

12.35 12.40 12.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.758 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN052256.D

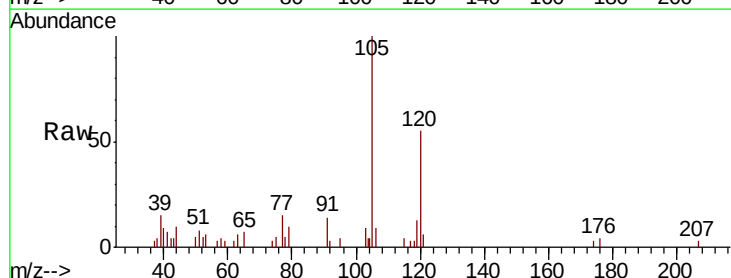
Acq: 12 Nov 2018 12:31

Tgt Ion: 105 Resp: 8874

Ion Ratio Lower Upper

105 100

120 52.3 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VN052227.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN052227.D (-3391) (-)

12.73

6000

5000

4000

3000

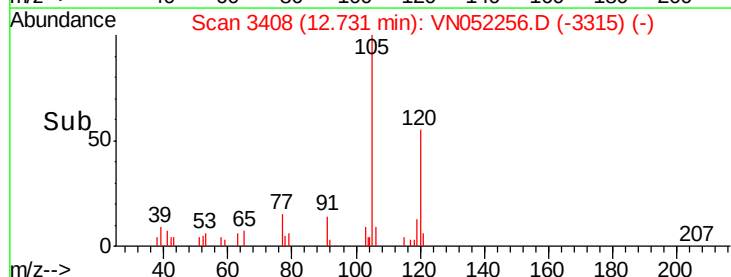
2000

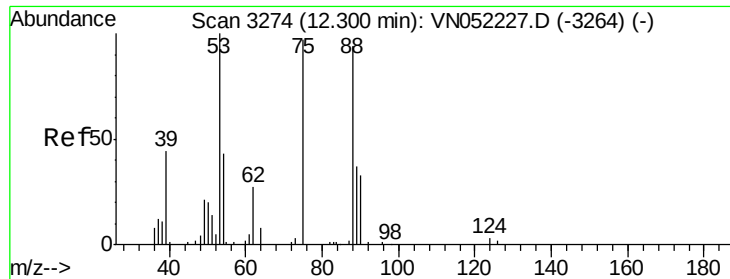
1000

0

12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 122.509 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052256.D

Acq: 12 Nov 2018 12:31

Instrument :

MSVOA_N

ClientSampled :

PB114678TB

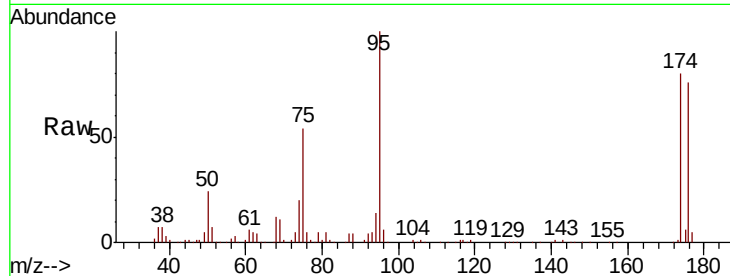
Tot Ion: 75 Resp: 114326

Ion Ratio Lower Upper

75 100

53 0.1 84.0 126.0#

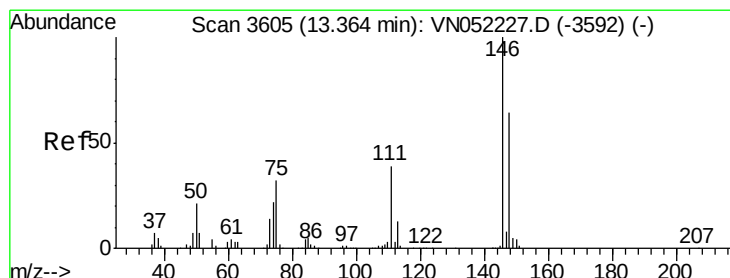
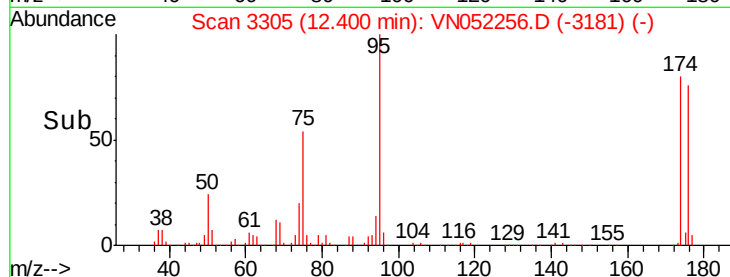
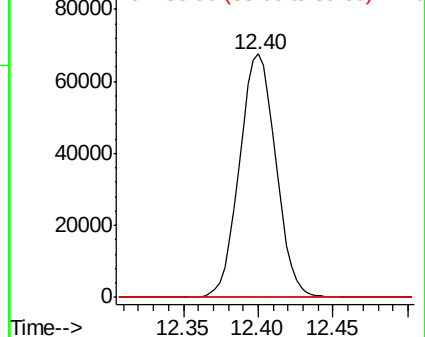
89 0.0 33.7 50.5#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#88

1,4-Dichlorobenzene

Concen: 0.250 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN052256.D

Acq: 12 Nov 2018 12:31

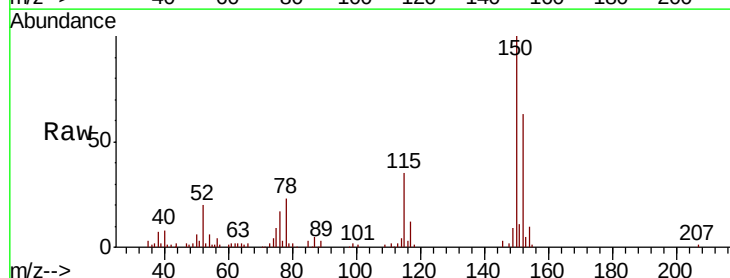
Tgt Ion: 146 Resp: 1504

Ion Ratio Lower Upper

146 100

111 0.0 20.2 60.6#

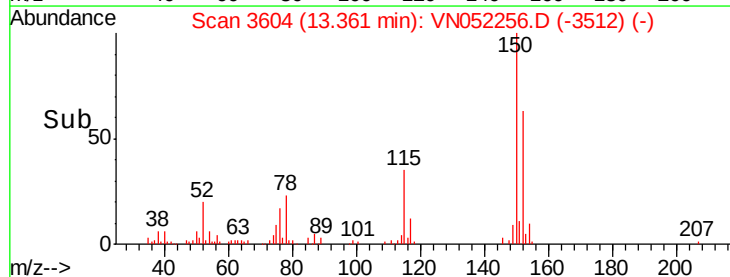
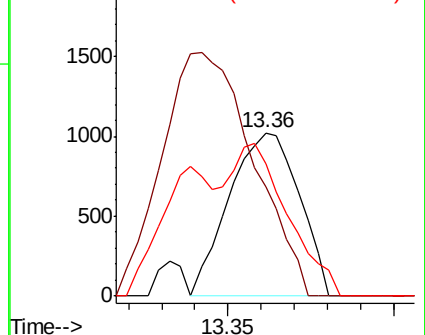
148 72.9 32.1 96.3

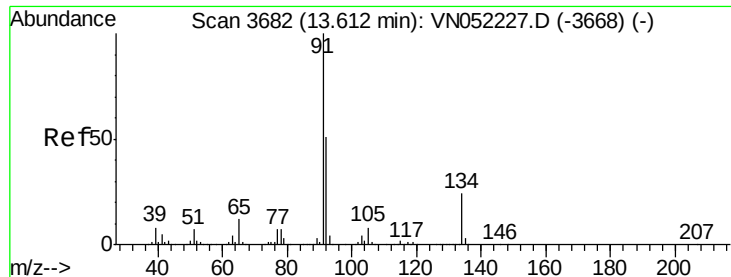


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.217 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052256.D

Acq: 12 Nov 2018 12:31

Instrument :

MSVOA_N

ClientSampled :

PB114678TB

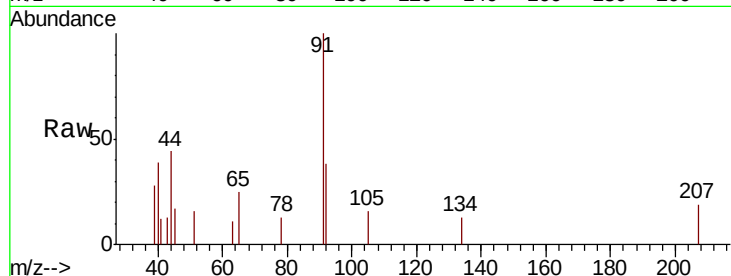
Tot Ion: 91 Resp: 2262

Ion Ratio Lower Upper

91 100

92 27.5 25.1 75.3

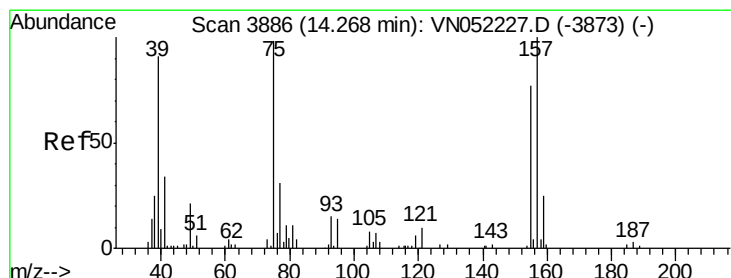
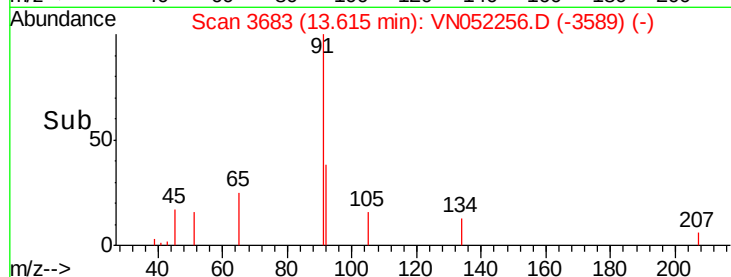
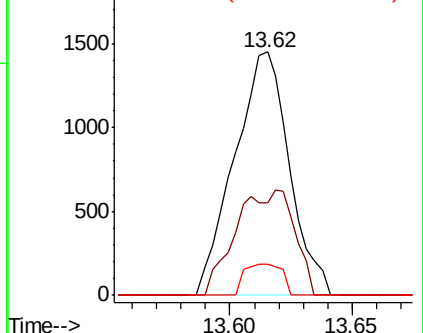
134 8.7 12.0 36.1#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): VN0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.429 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN052256.D

Acq: 12 Nov 2018 12:31

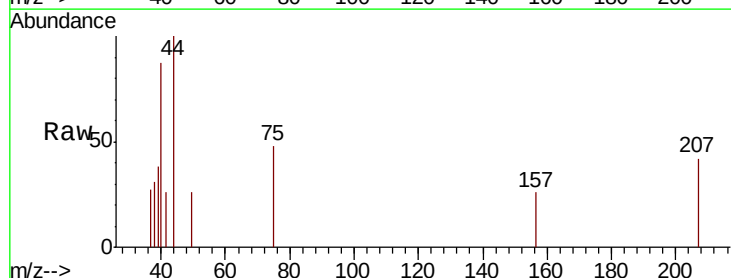
Tgt Ion: 75 Resp: 220

Ion Ratio Lower Upper

75 100

155 0.0 40.2 120.5#

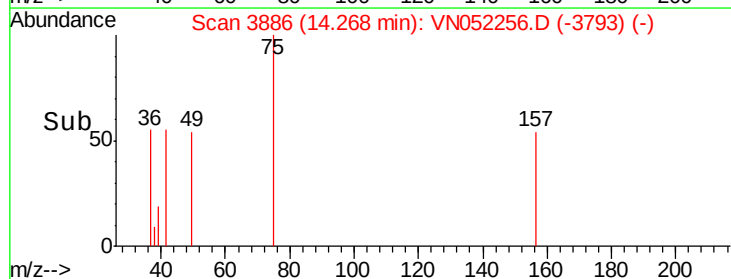
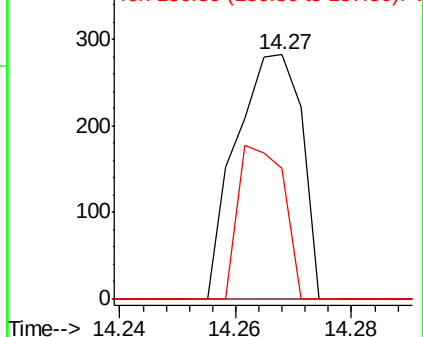
157 43.6 51.7 155.2#

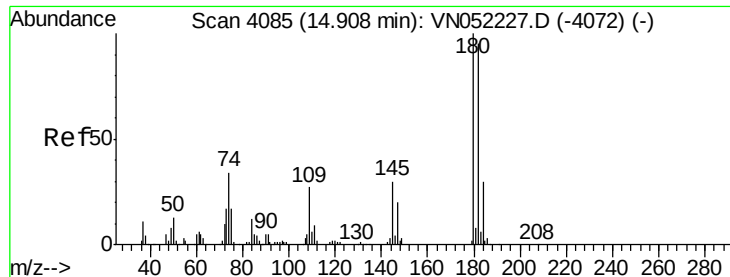


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): VN0

Ion 156.80 (156.50 to 157.50): VN0

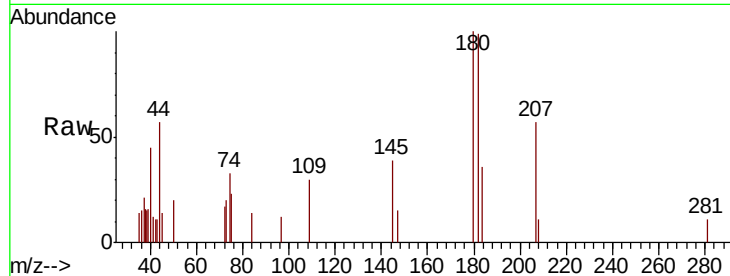




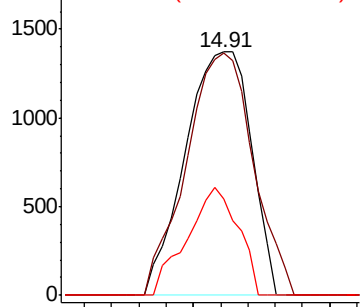
#93
 1,2,4-Trichlorobenzene
 Concen: 0.997 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052256.D
 Acq: 12 Nov 2018 12:31

Instrument :
 MSVOA_N
 ClientSampled :
 PB114678TB

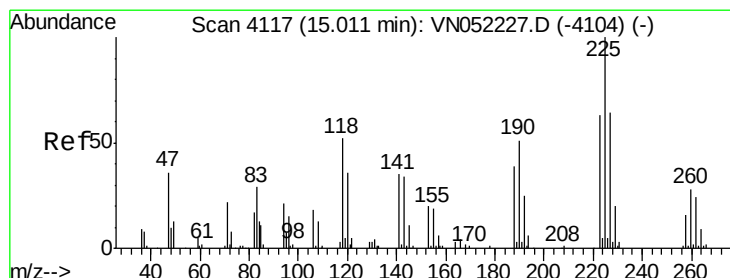
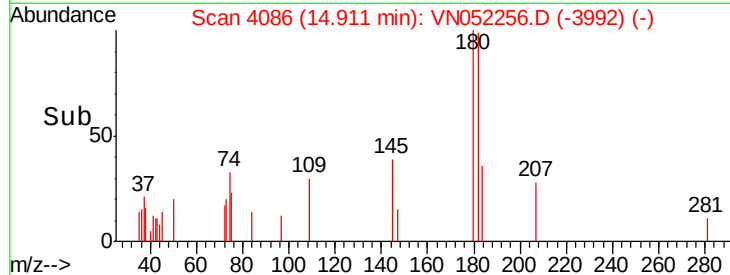
Tot Ion:180 Resp: 2308
 Ion Ratio Lower Upper
 180 100
 182 101.0 47.3 142.0
 145 34.2 15.6 46.8



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

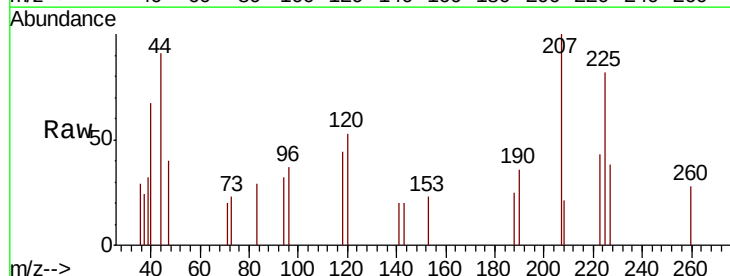


Time-->

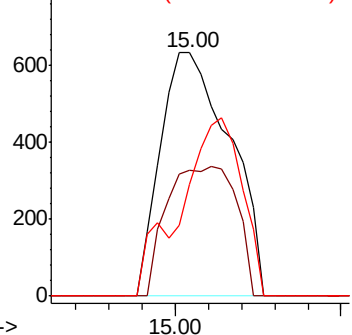


#94
 Hexachlorobutadiene
 Concen: 0.733 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.01 min
 Lab File: VN052256.D
 Acq: 12 Nov 2018 12:31

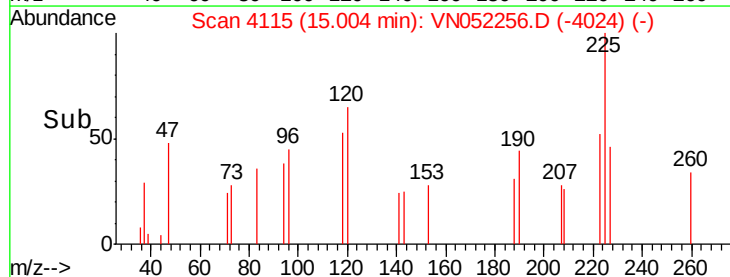
Tgt Ion:225 Resp: 922
 Ion Ratio Lower Upper
 225 100
 223 53.0 32.1 96.3
 227 65.1 31.8 95.4

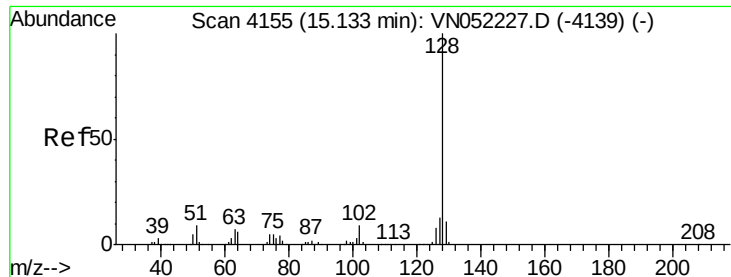


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 1.054 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052256.D

Acq: 12 Nov 2018 12:31

Instrument :

MSVOA_N

ClientSampleId :

PB114678TB

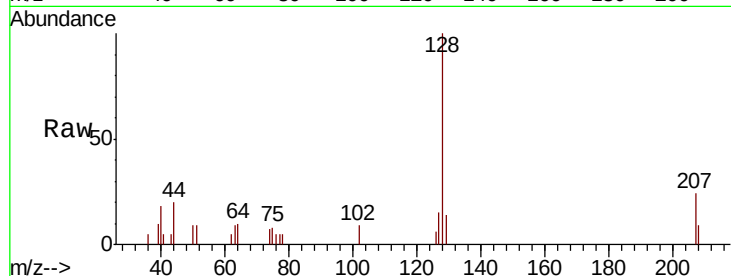
Tot Ion:128 Resp: 6013

Ion Ratio Lower Upper

128 100

127 11.4 10.6 16.0

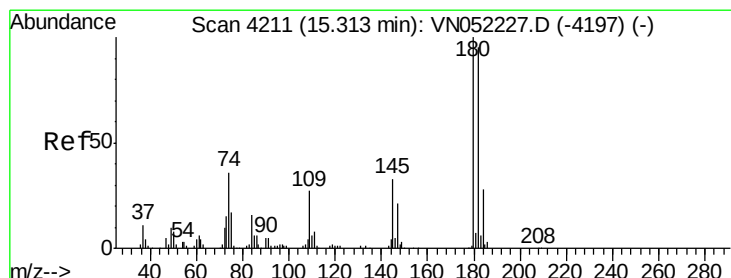
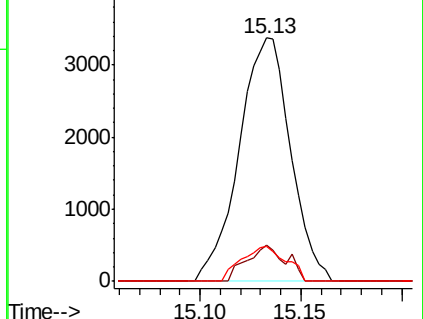
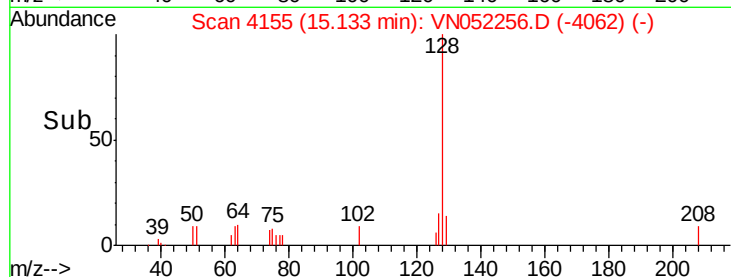
129 12.5 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 1.125 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN052256.D

Acq: 12 Nov 2018 12:31

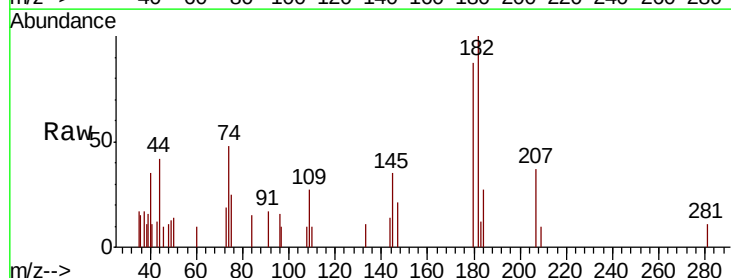
Tgt Ion:180 Resp: 2461

Ion Ratio Lower Upper

180 100

182 115.4 47.7 143.1

145 33.9 16.8 50.3



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

