

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051191.D
 Acq On : 14 Sep 2018 15:36
 Operator : MD\SY
 Sample : PB112829ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#01

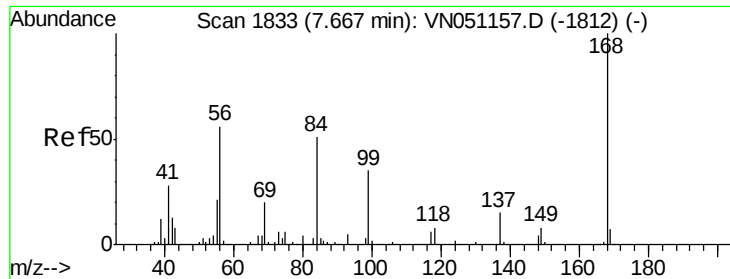
Quant Time: Sep 15 00:07:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	566632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	919245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	775437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	238863	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	351842	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
35) Dibromofluoromethane	7.59	113	349161	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	10.09	98	1226747	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
62) 4-Bromofluorobenzene	12.40	95	320760	37.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.00%	

Target Compounds				Qvalue		
3) Chloromethane	2.06	50	2166	Below Cal	#	80
5) Bromomethane	2.57	94	2568	Below Cal		91
10) Methyl Iodide	3.96	142	700	5.73	ug/l #	44
13) Acrolein	3.61	56	68	24.39	ug/l #	13
16) Acetone	3.82	43	39135	19.72	ug/l	98
17) Carbon Disulfide	4.06	76	2175	0.23	ug/l #	76
18) Methyl Acetate	4.34	43	8577	1.70	ug/l	93
20) Methylene Chloride	4.55	84	7029	1.01	ug/l	98
25) 2-Butanone	6.85	43	7200	2.90	ug/l	95
29) Tetrahydrofuran	7.23	42	1407	0.91	ug/l #	65
31) Cyclohexane	7.67	56	9023	0.65	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	37155	3.68	ug/l #	48
37) Ethyl Acetate	6.85	43	7200	1.23	ug/l #	66
38) Carbon Tetrachloride	7.67	117	48134	4.85	ug/l #	16
41) Methacrylonitrile	7.23	41	860	0.29	ug/l #	21
43) Isopropyl Acetate	8.17	43	255032	24.73	ug/l #	83
48) Methyl methacrylate	9.18	41	5788	1.15	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	3148	0.55	ug/l #	85
56) Ethyl methacrylate	10.28	69	104	2.47	ug/l #	1
59) 2-Hexanone	10.76	43	13752	3.56	ug/l #	53
71) Bromoform	12.40	173	1139	0.23	ug/l #	28
75) 1,1,2,2-Tetrachloroethane	12.50	83	32	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	148990	39.93	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	4306	0.27	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	148990	118.46	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	604	4.11	ug/l #	87
94) Hexachlorobutadiene	15.00	225	104	Below Cal	#	41
95) Naphthalene	15.13	128	1625	5.50	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.31	180	767	3.12	ug/l #	85

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

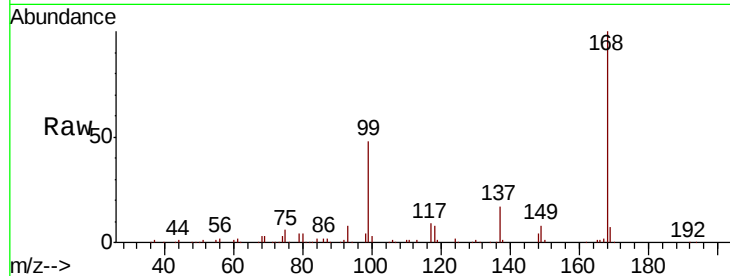


#1

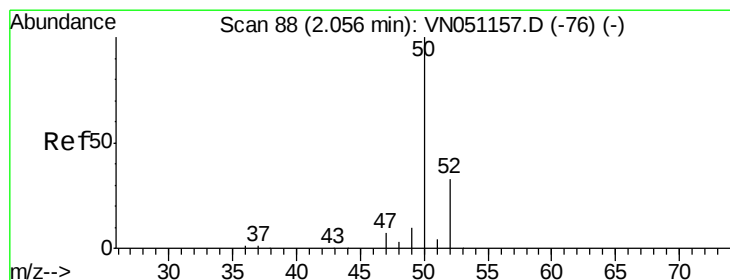
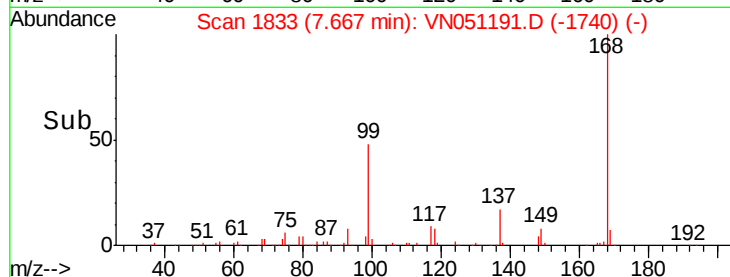
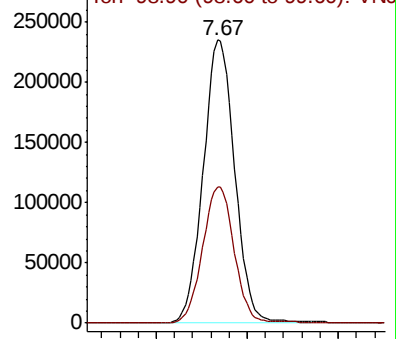
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VN051191.D
 Acq: 14 Sep 2018 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#01

Tot Ion:168 Resp: 566632
 Ion Ratio Lower Upper
 168 100
 99 48.2 38.3 57.5



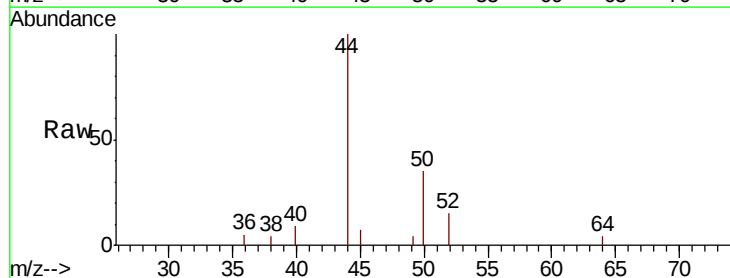
Abundance Ion 167.90 (167.60 to 168.60): V



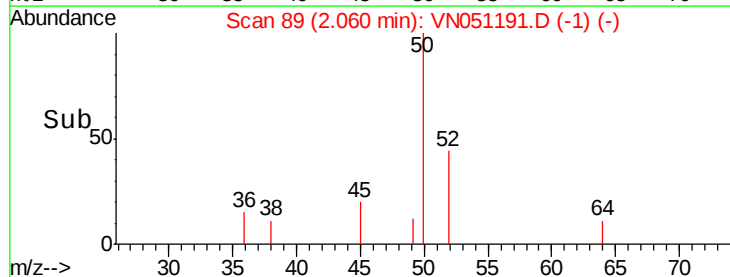
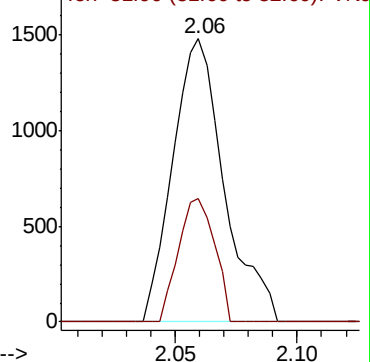
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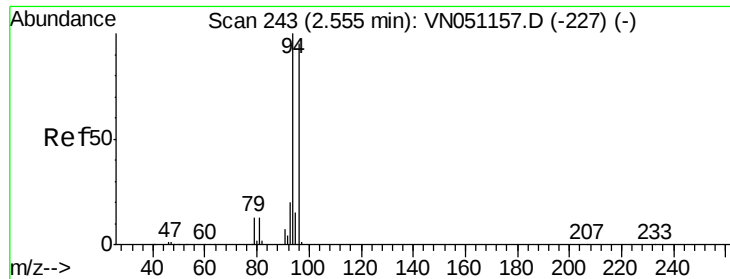
Chloromethane
 Concen: Below Cal
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN051191.D
 Acq: 14 Sep 2018 15:36

Tgt Ion: 50 Resp: 2166
 Ion Ratio Lower Upper
 50 100
 52 43.7 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VN





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051191.D

Acq: 14 Sep 2018 15:36

Instrument :

MSVOA_N

ClientSampleId :

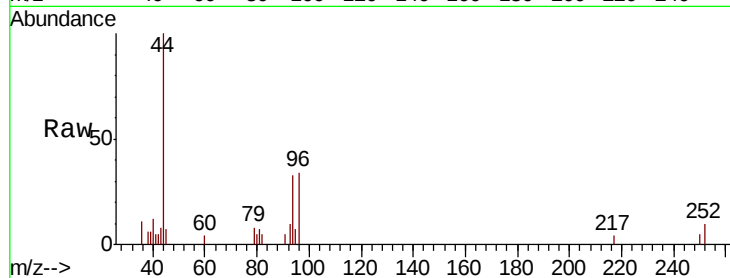
PB112829ZHE#01

Tot Ion: 94 Resp: 2568

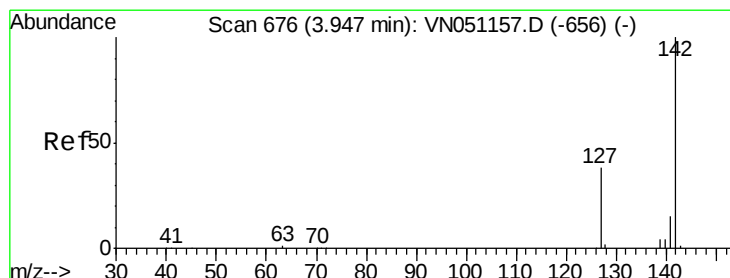
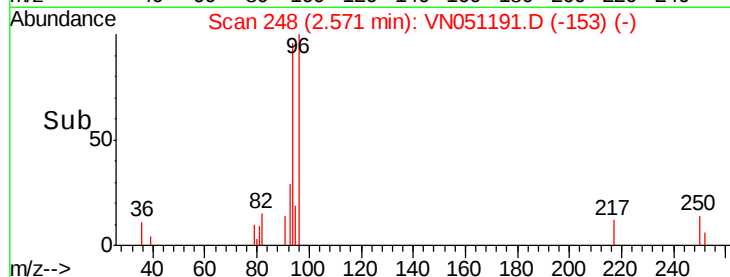
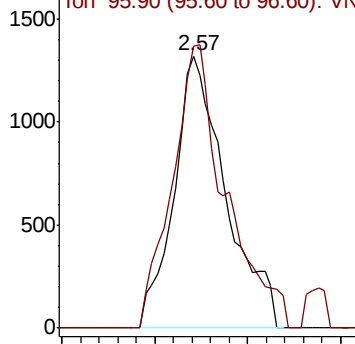
Ion Ratio Lower Upper

94 100

96 103.7 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051191.D (-153) (-)



#10

Methyl Iodide

Concen: 5.73 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.01 min

Lab File: VN051191.D

Acq: 14 Sep 2018 15:36

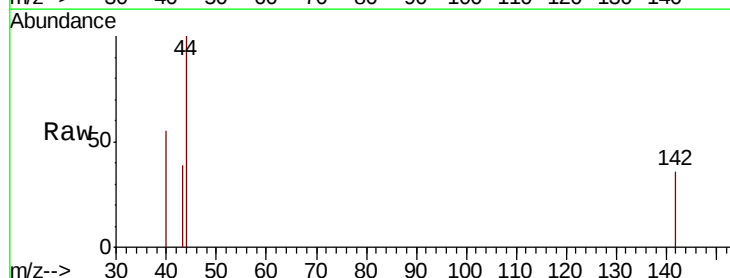
Tgt Ion: 142 Resp: 700

Ion Ratio Lower Upper

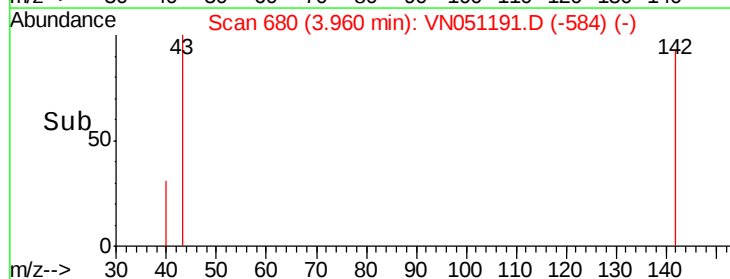
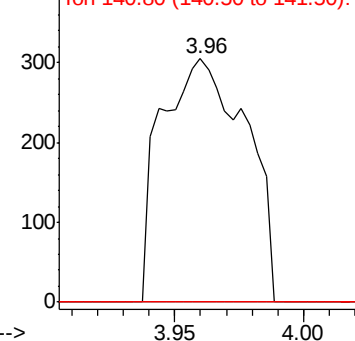
142 100

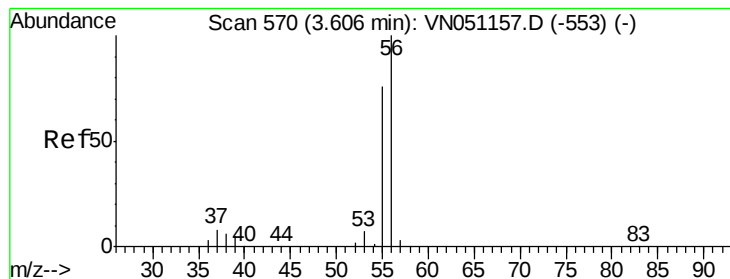
127 0.0 31.0 46.4#

141 0.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): VN051191.D (-584) (-)





#13

Acrolein

Concen: 24.39 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051191.D

Acq: 14 Sep 2018 15:36

Instrument :

MSVOA_N

ClientSampleId :

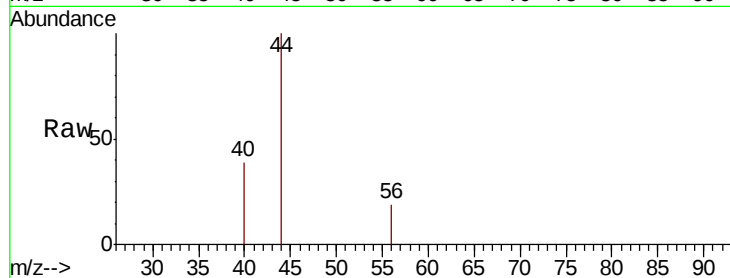
PB112829ZHE#01

Tot Ion: 56 Resp: 68

Ion Ratio Lower Upper

56 100

55 0.0 58.0 87.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

200

150

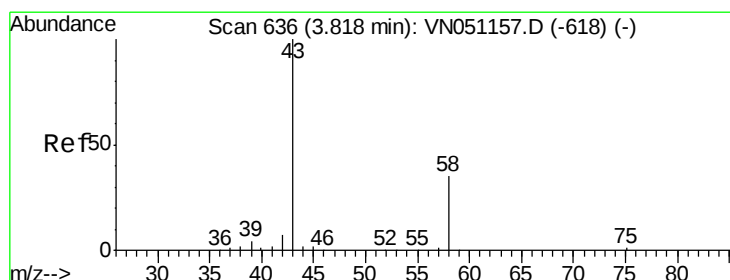
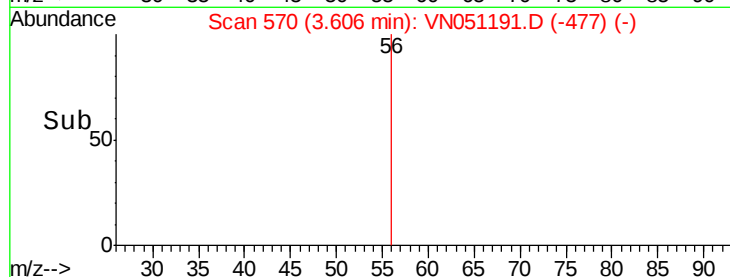
100

50

0

3.60 3.61 3.62

Time-->



#16

Acetone

Concen: 19.72 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051191.D

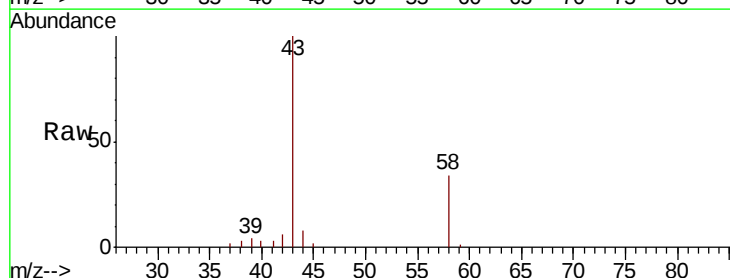
Acq: 14 Sep 2018 15:36

Tgt Ion: 43 Resp: 39135

Ion Ratio Lower Upper

43 100

58 33.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

15000

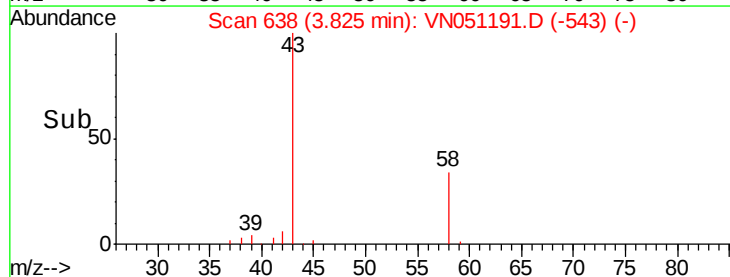
10000

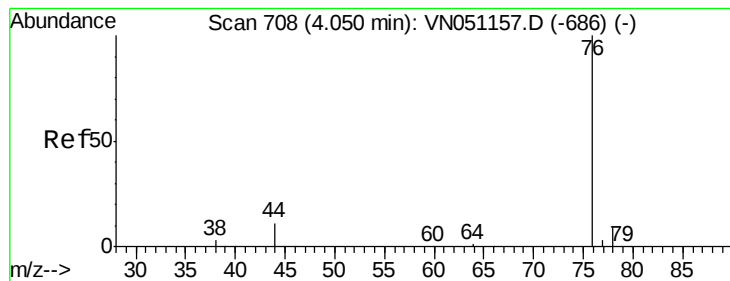
5000

0

3.70 3.80 3.90

Time-->





#17

Carbon Disulfide

Concen: 0.23 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.01 min

Lab File: VN051191.D

Acq: 14 Sep 2018 15:36

Instrument :

MSVOA_N

ClientSampleId :

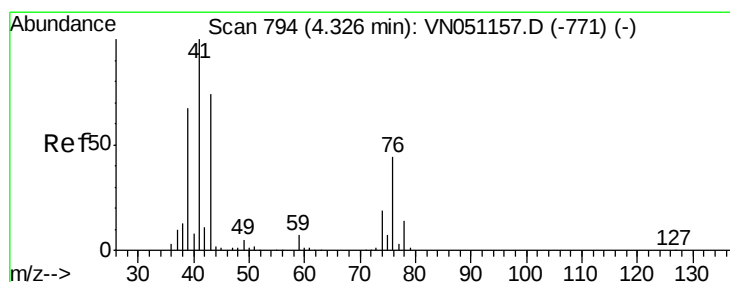
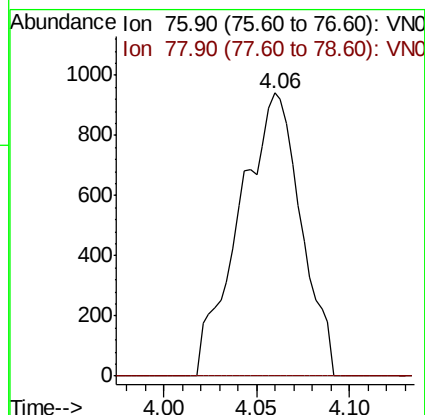
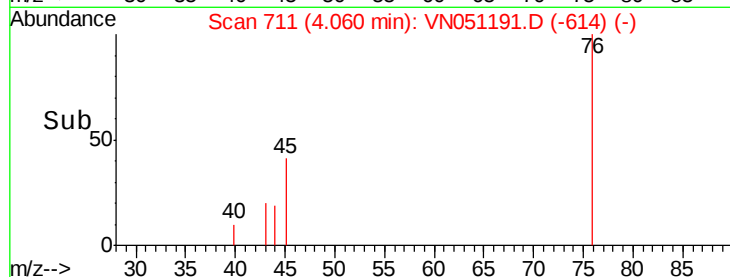
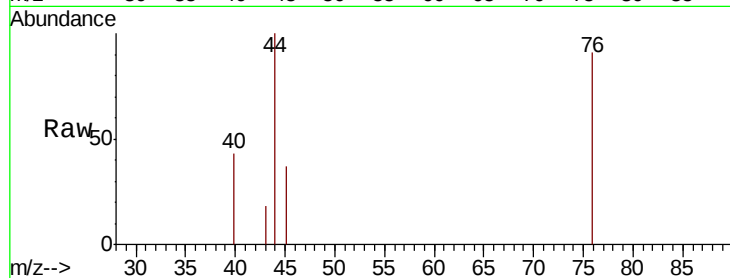
PB112829ZHE#01

Tot Ion: 76 Resp: 2175

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 1.70 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051191.D

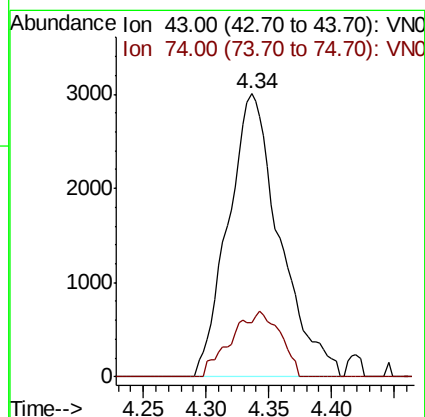
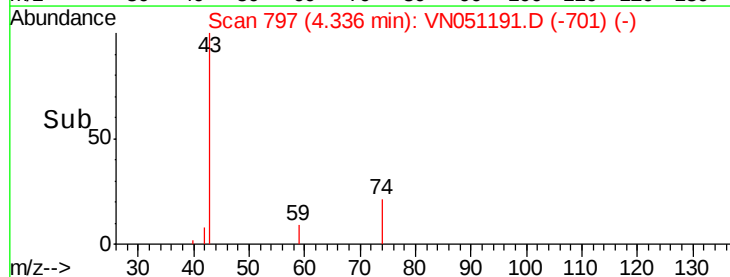
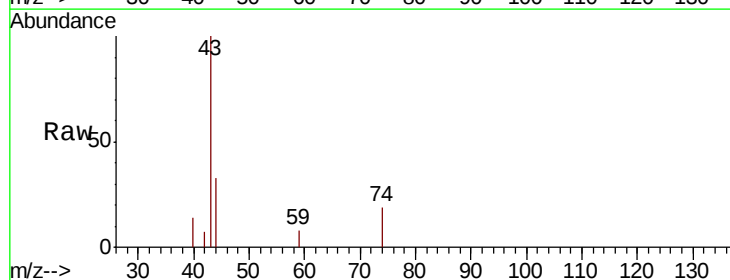
Acq: 14 Sep 2018 15:36

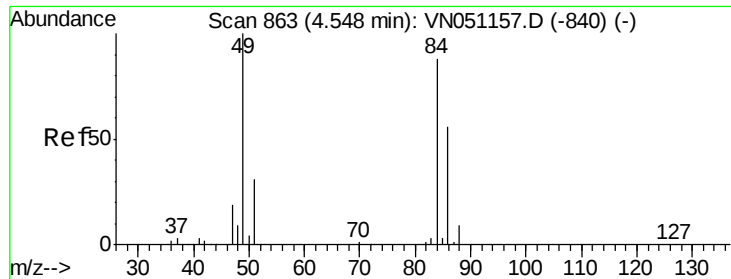
Tgt Ion: 43 Resp: 8577

Ion Ratio Lower Upper

43 100

74 22.1 20.7 31.1



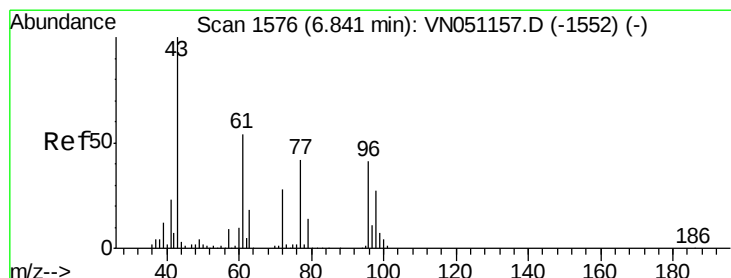
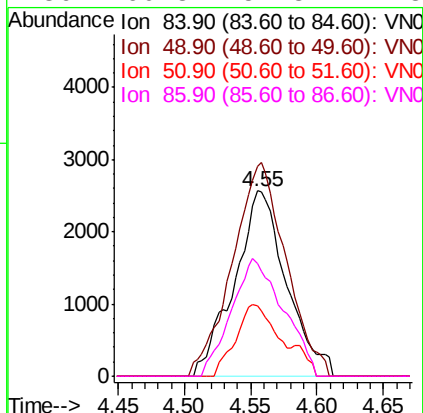
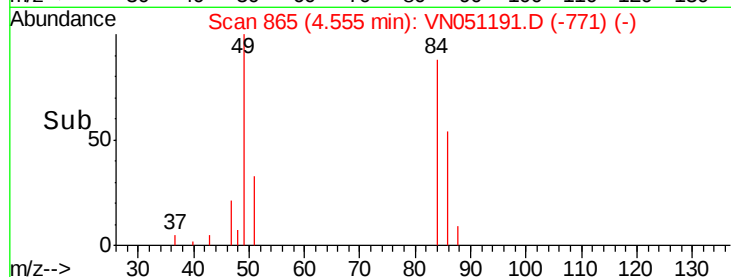
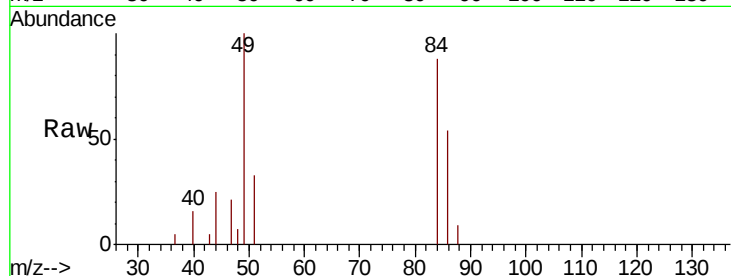


#20
Methylene Chloride
Concen: 1.01 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051191.D
Acq: 14 Sep 2018 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB112829ZHE#01

Tot Ion: 84 Resp: 7029

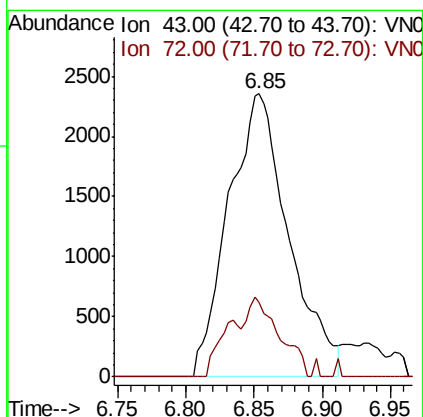
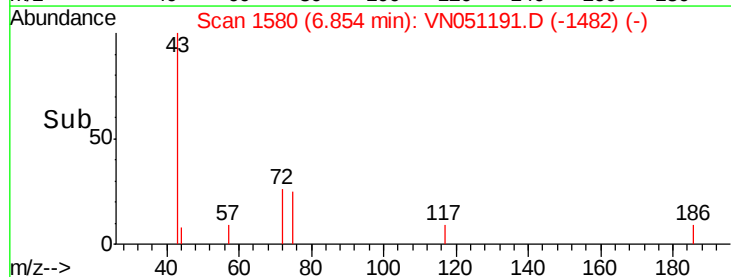
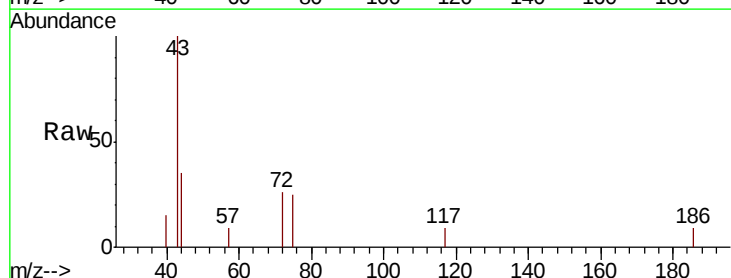
Ion	Ratio	Lower	Upper
84	100		
49	113.0	90.2	135.2
51	37.8	28.4	42.6
86	60.8	51.8	77.8

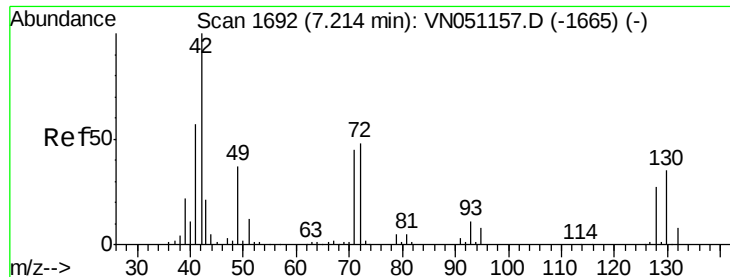


#25
2-Butanone
Concen: 2.90 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN051191.D
Acq: 14 Sep 2018 15:36

Tgt Ion: 43 Resp: 7200

Ion	Ratio	Lower	Upper
43	100		
72	26.4	23.0	34.6





#29

Tetrahydrofuran

Concen: 0.91 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN051191.D

Acq: 14 Sep 2018 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB112829ZHE#01

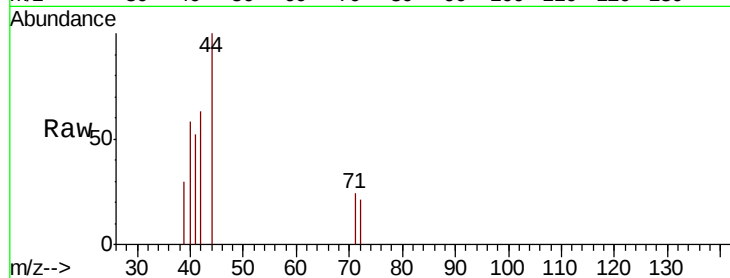
Tot Ion: 42 Resp: 1407

Ion Ratio Lower Upper

42 100

72 24.8 37.4 56.0#

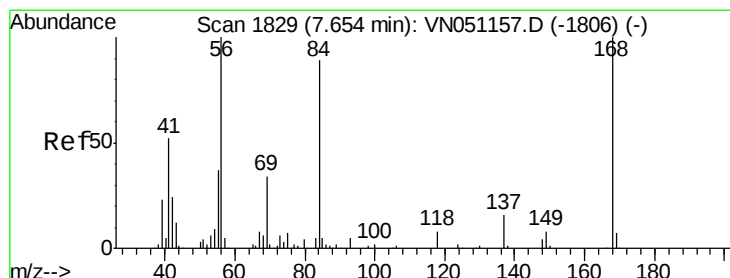
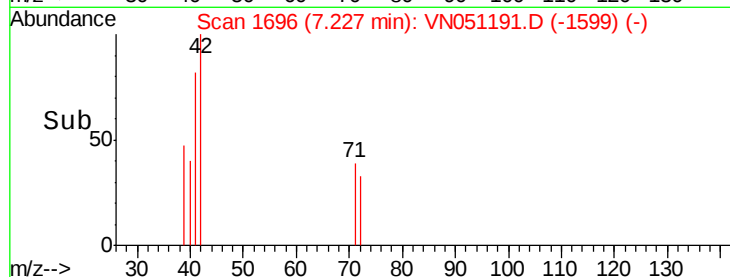
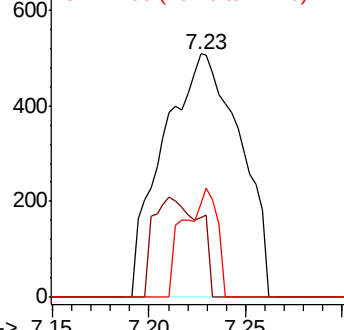
71 19.3 34.7 52.1#



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



#31

Cyclohexane

Concen: 0.65 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN051191.D

Acq: 14 Sep 2018 15:36

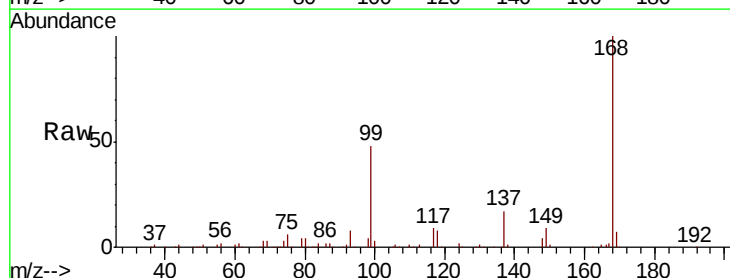
Tgt Ion: 56 Resp: 9023

Ion Ratio Lower Upper

56 100

69 213.8 26.3 39.5#

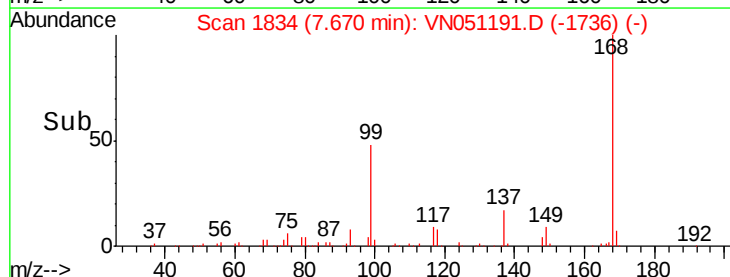
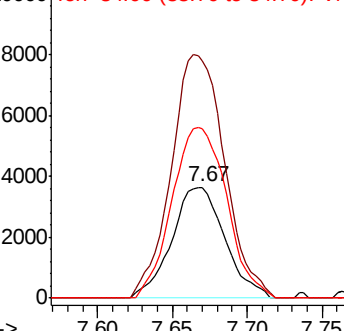
84 152.4 69.4 104.0#

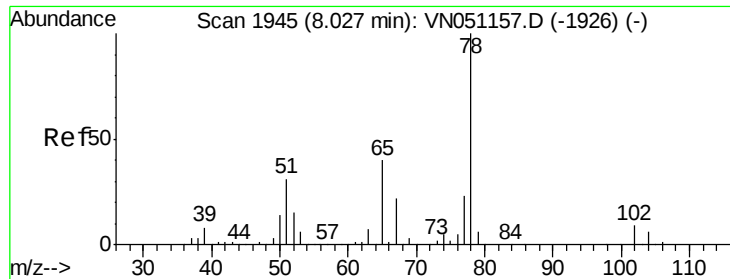


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

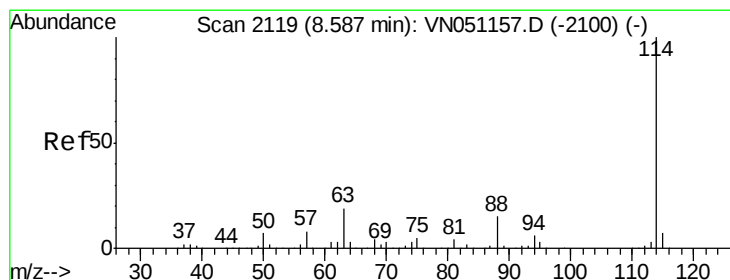
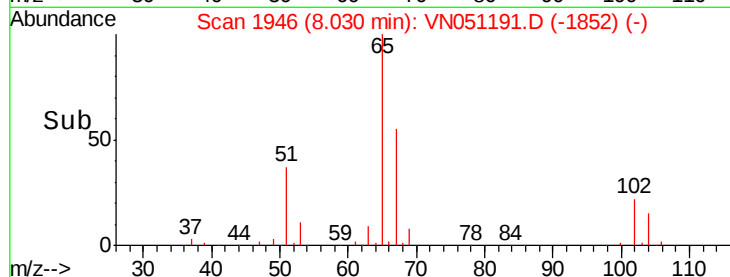
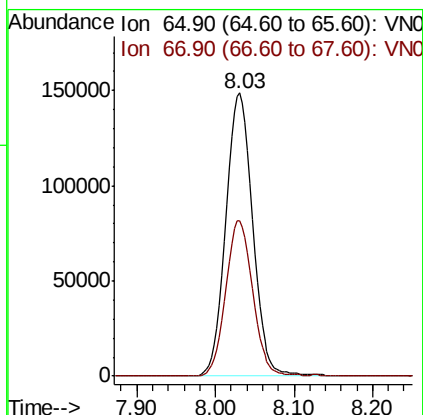
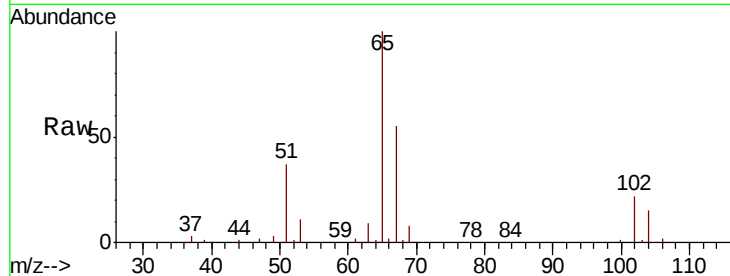




#33
 1,2-Dichloroethane-d4
 Concen: 55.80 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051191.D
 Acq: 14 Sep 2018 15:36

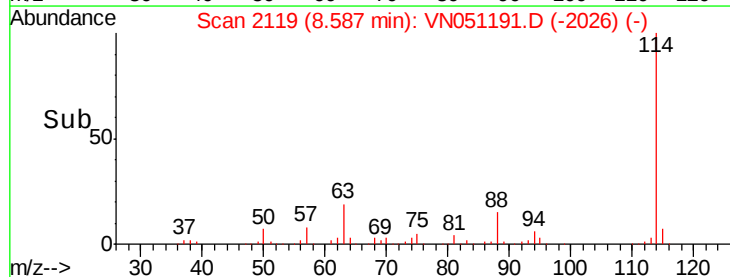
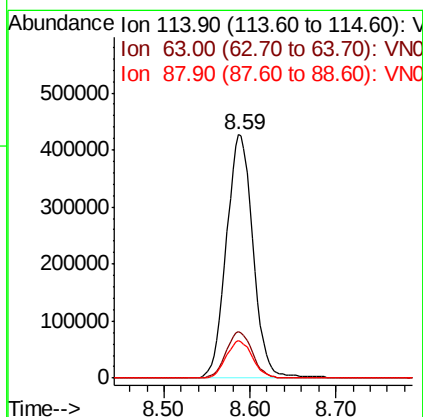
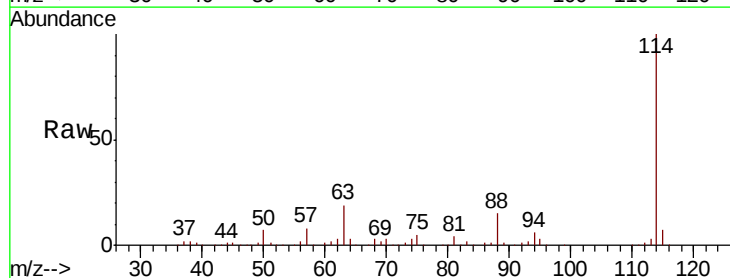
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#01

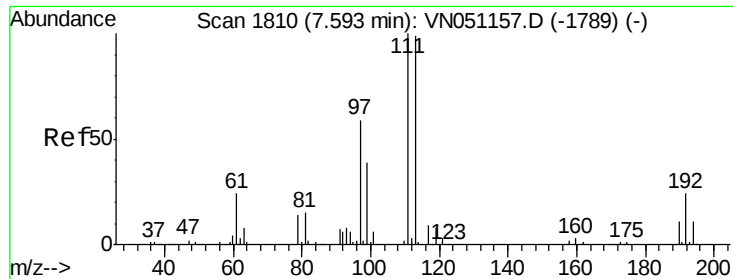
Tot Ion: 65 Resp: 351842
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051191.D
 Acq: 14 Sep 2018 15:36

Tgt Ion: 114 Resp: 919245
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 15.4 0.0 30.8

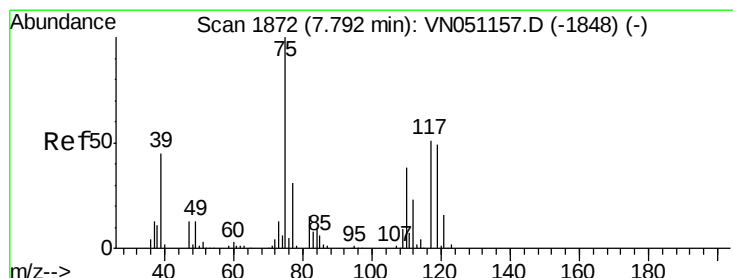
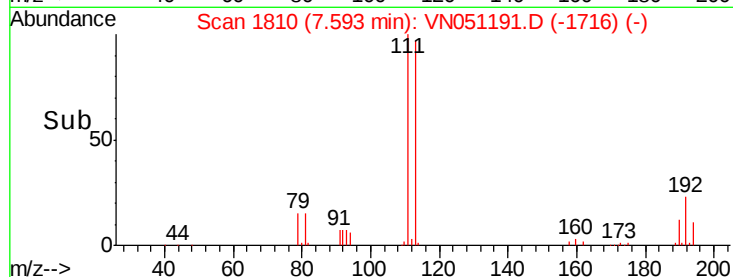
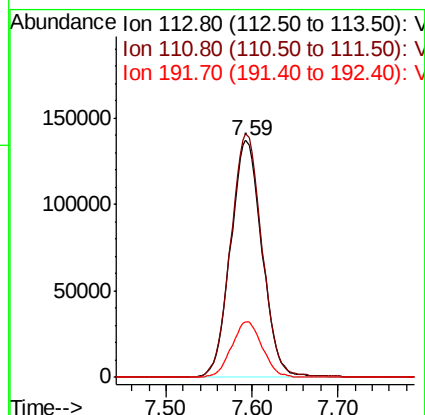
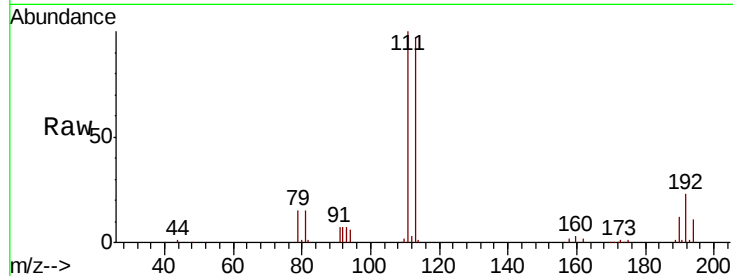




#35
 Dibromofluoromethane
 Concen: 50.55 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051191.D
 Acq: 14 Sep 2018 15:36

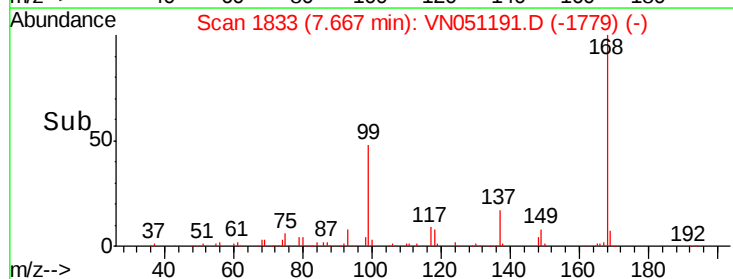
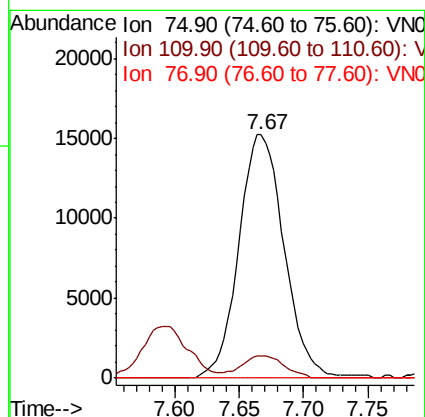
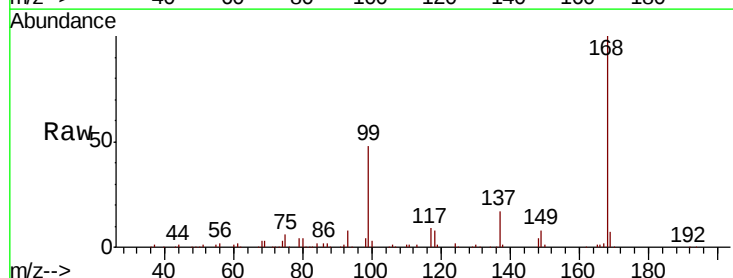
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#01

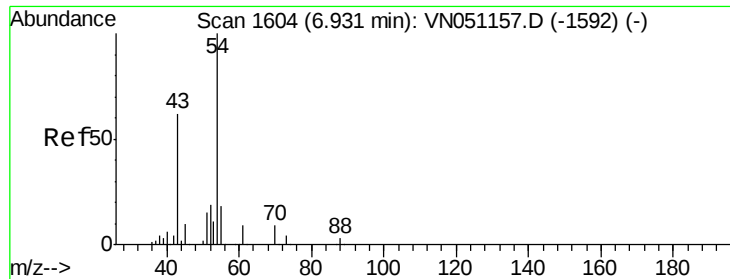
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.0	124.6
192	22.9	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 3.68 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051191.D
 Acq: 14 Sep 2018 15:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.6	55.8#
77	0.0	25.2	37.8#

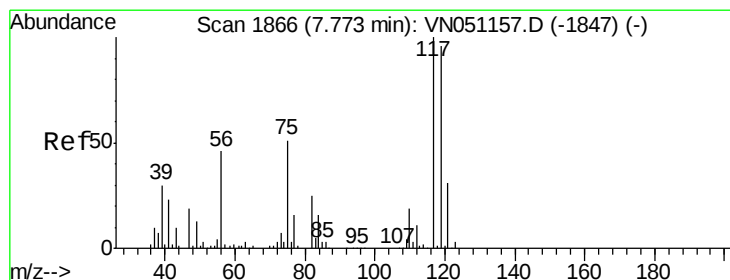
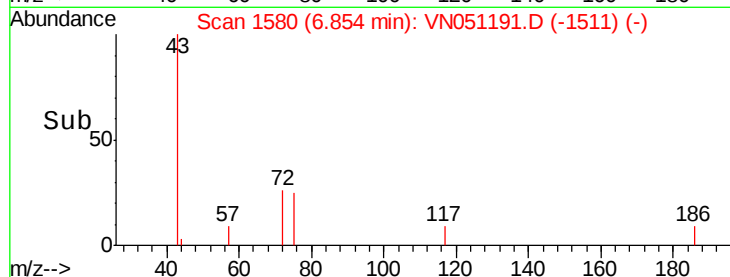
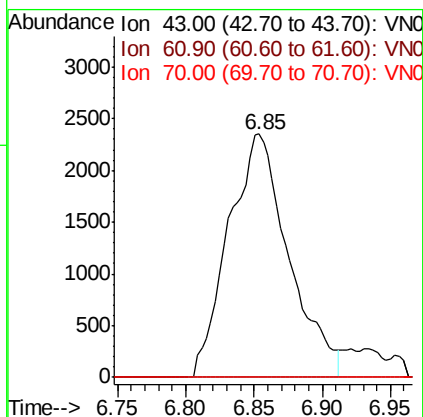
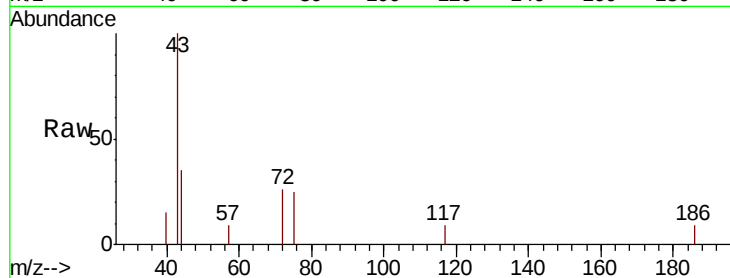




#37
Ethyl Acetate
Concen: 1.23 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. -0.08 min
Lab File: VN051191.D
Acq: 14 Sep 2018 15:36

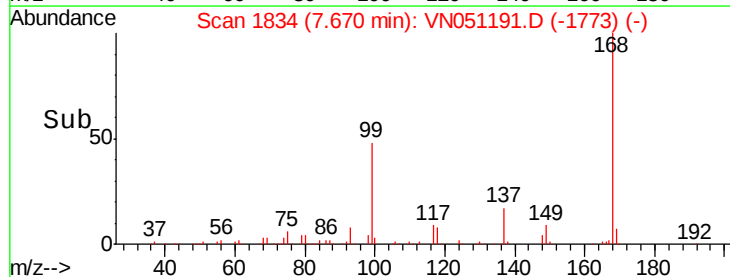
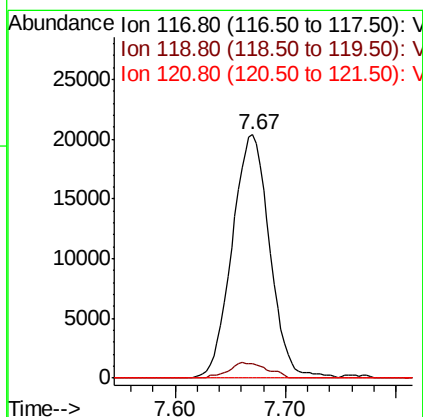
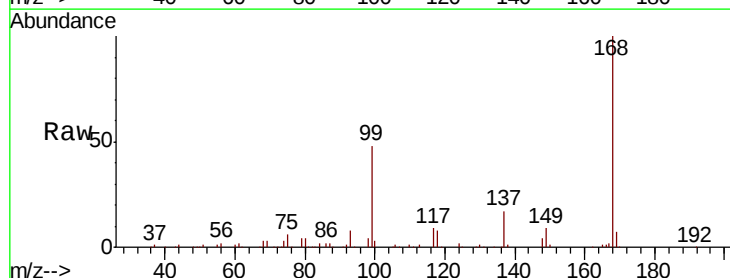
Instrument :
MSVOA_N
ClientSampleId :
PB112829ZHE#01

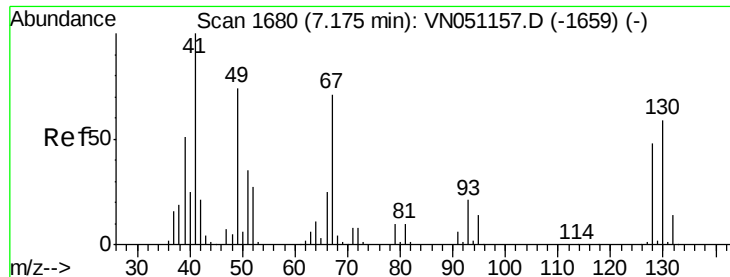
Tot Ion: 43 Resp: 7200
Ion Ratio Lower Upper
43 100
61 0.0 12.4 18.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 4.85 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.10 min
Lab File: VN051191.D
Acq: 14 Sep 2018 15:36

Tgt Ion: 117 Resp: 48134
Ion Ratio Lower Upper
117 100
119 5.7 76.8 115.2#
121 0.0 24.6 36.8#

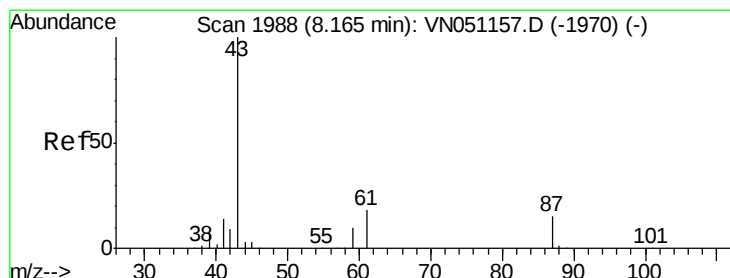
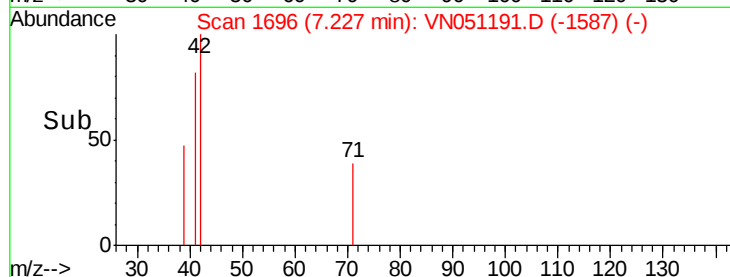
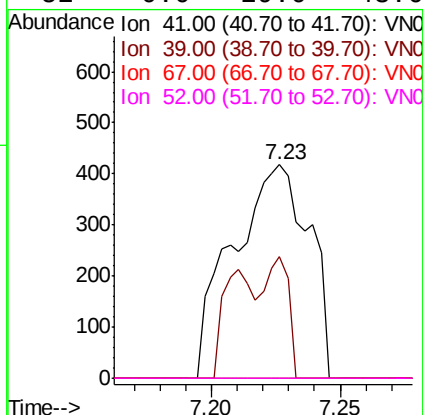
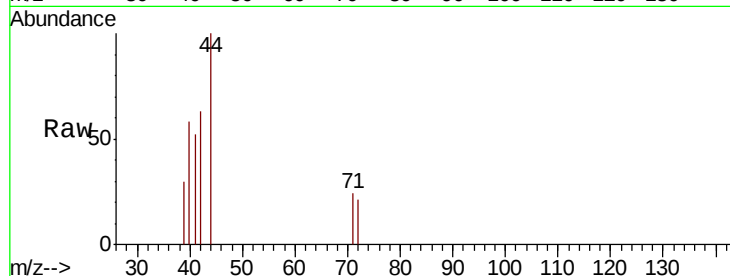




#41
Methacrylonitrile
Concen: 0.29 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.05 min
Lab File: VN051191.D
Acq: 14 Sep 2018 15:36

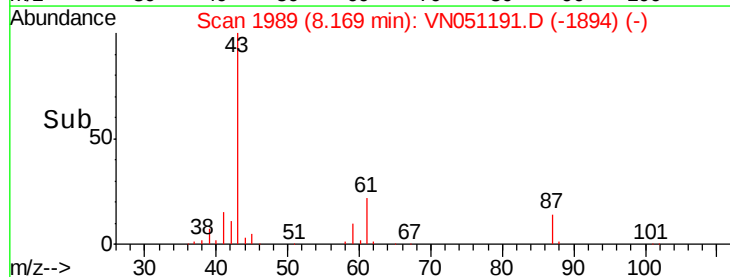
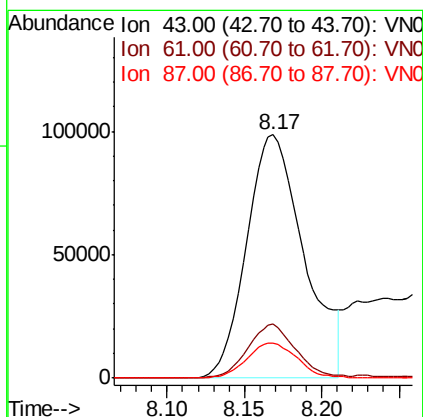
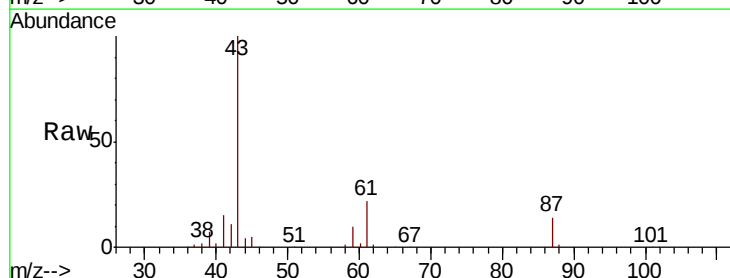
Instrument :
MSVOA_N
ClientSampleId :
PB112829ZHE#01

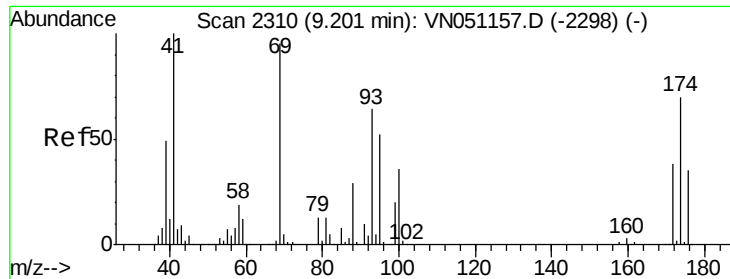
Tot Ion: 41 Resp: 860
Ion Ratio Lower Upper
41 100
39 18.4 51.3 76.9#
67 0.0 78.5 117.7#
52 0.0 29.0 43.6#



#43
Isopropyl Acetate
Concen: 24.73 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN051191.D
Acq: 14 Sep 2018 15:36

Tgt Ion: 43 Resp: 255032
Ion Ratio Lower Upper
43 100
61 18.6 25.0 37.6#
87 12.8 11.8 17.8

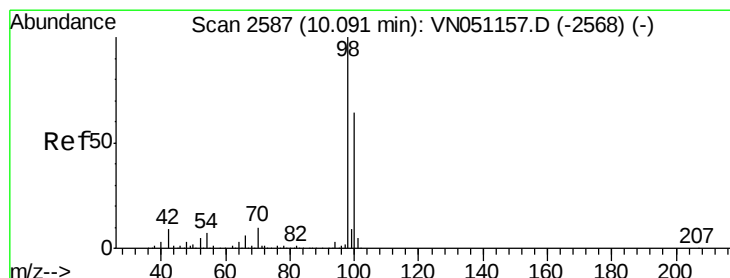
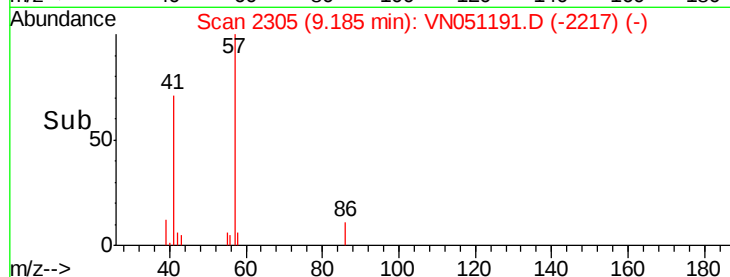
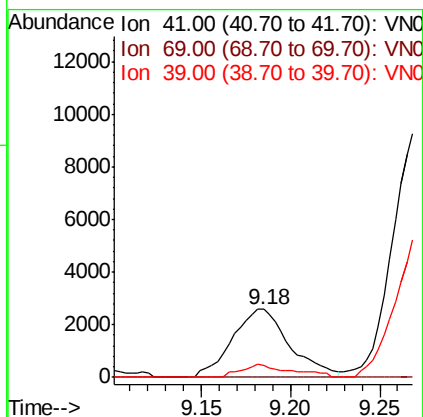
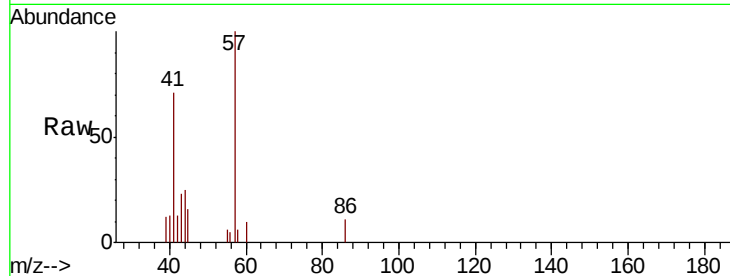




#48
Methvl methacrylate
Concen: 1.15 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN051191.D
Acq: 14 Sep 2018 15:36

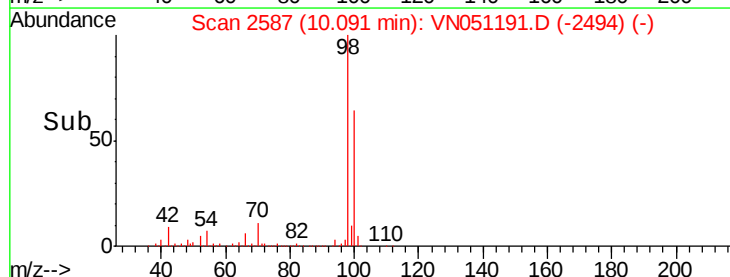
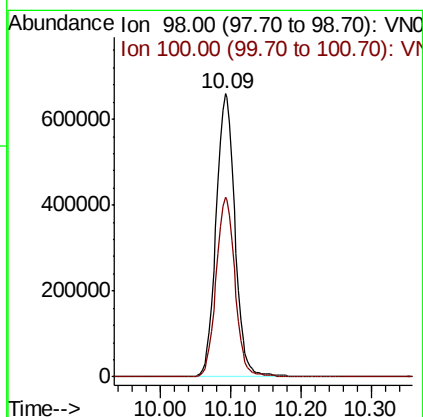
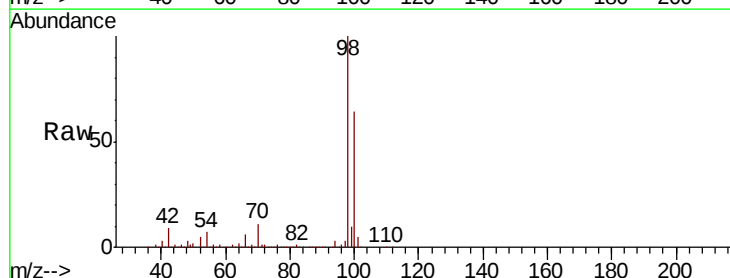
Instrument :
MSVOA_N
ClientSampleId :
PB112829ZHE#01

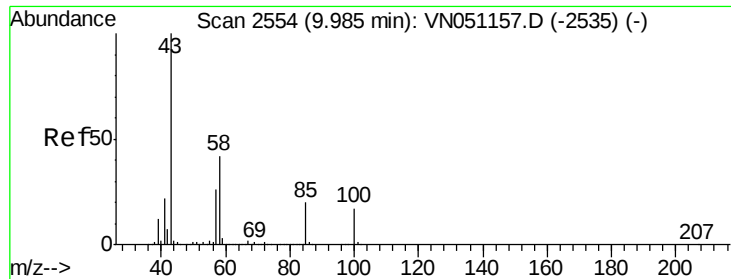
Tot Ion: 41 Resp: 5788
Ion Ratio Lower Upper
41 100
69 0.0 77.7 116.5#
39 16.4 41.6 62.4#



#50
Toluene-d8
Concen: 46.80 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051191.D
Acq: 14 Sep 2018 15:36

Tgt Ion: 98 Resp: 1226747
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.55 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN051191.D

Acq: 14 Sep 2018 15:36

Instrument :

MSVOA_N

ClientSampleId :

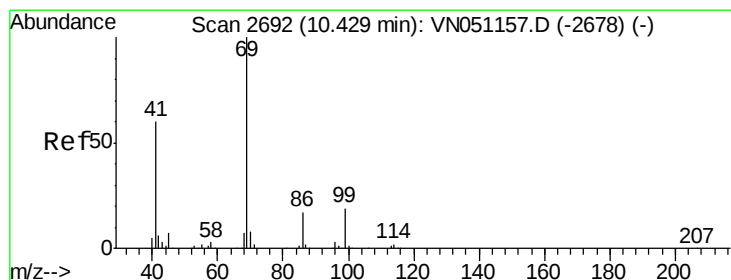
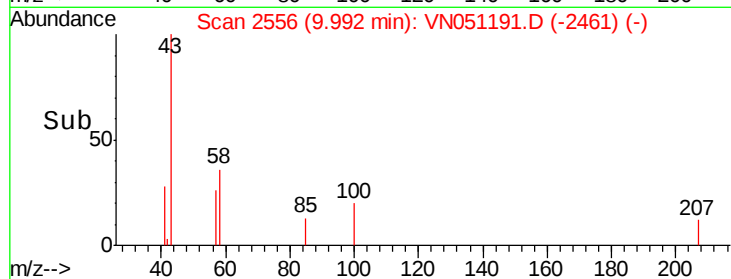
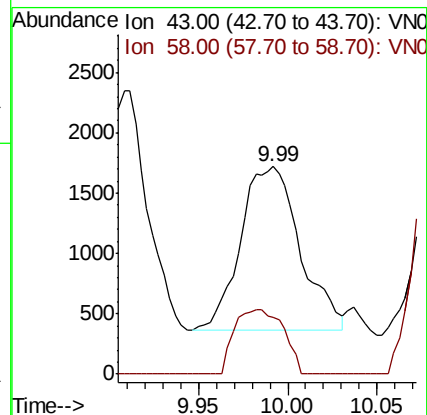
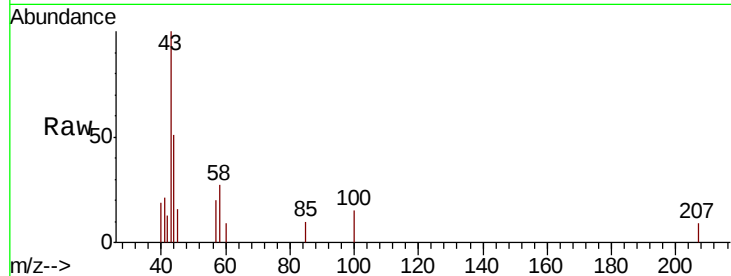
PB112829ZHE#01

Tot Ion: 43 Resp: 3148

Ion Ratio Lower Upper

43 100

58 32.6 33.5 50.3#



#56

Ethyl methacrylate

Concen: 2.47 ug/l

RT: 10.28 min Scan# 2647

Delta R.T. -0.14 min

Lab File: VN051191.D

Acq: 14 Sep 2018 15:36

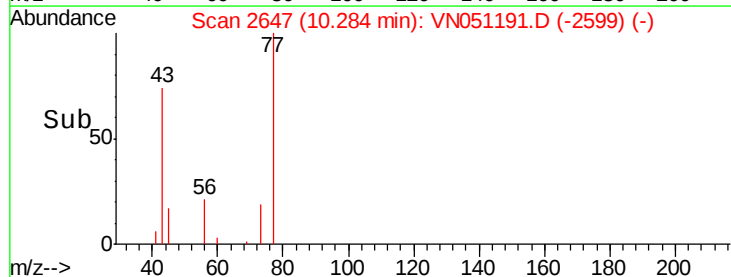
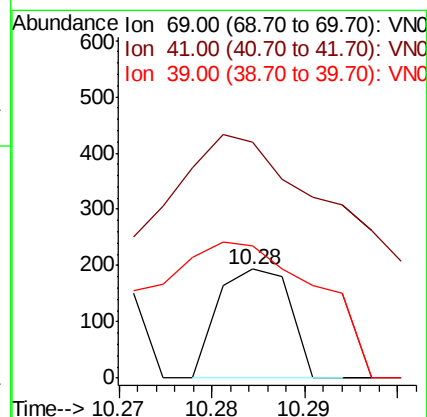
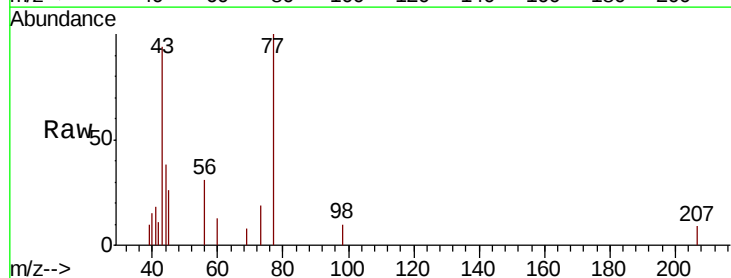
Tgt Ion: 69 Resp: 104

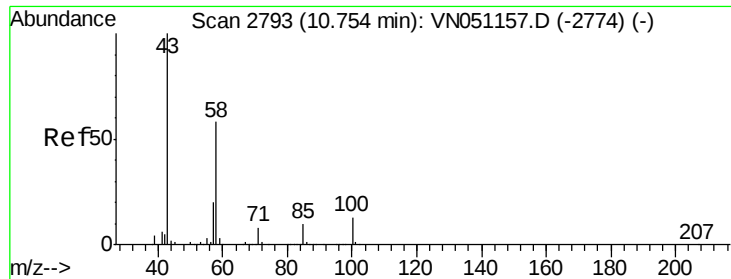
Ion Ratio Lower Upper

69 100

41 777.9 47.8 71.8#

39 223.1 23.0 34.4#

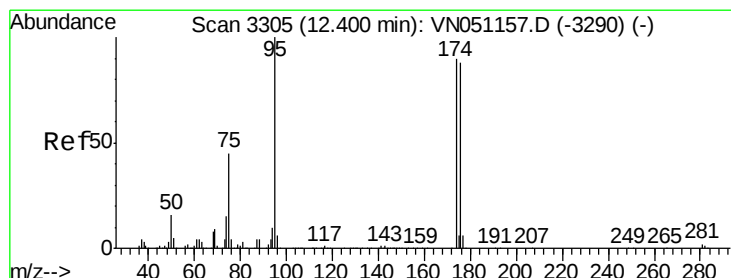
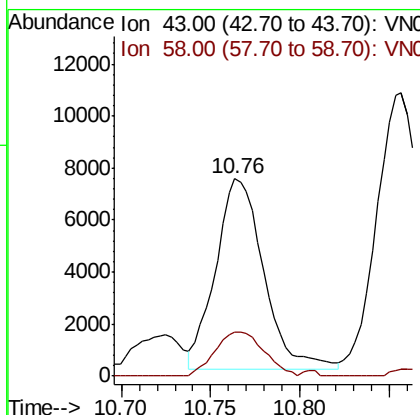
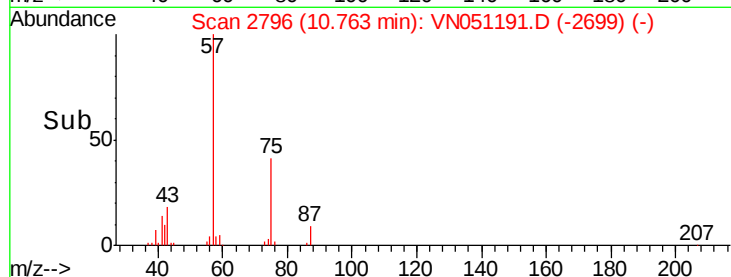
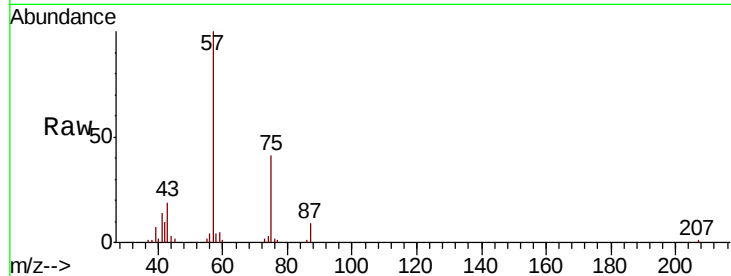




#59
2-Hexanone
Concen: 3.56 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN051191.D
Acq: 14 Sep 2018 15:36

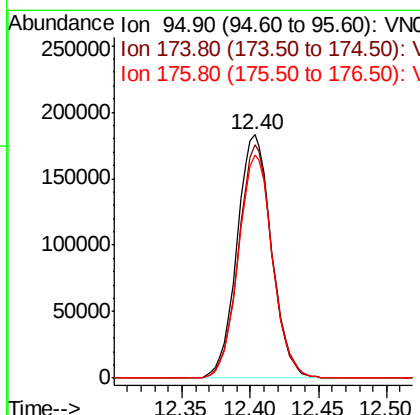
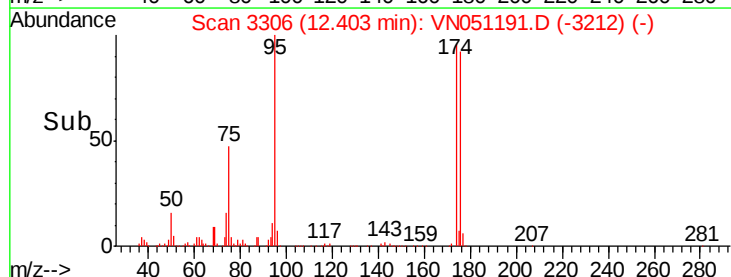
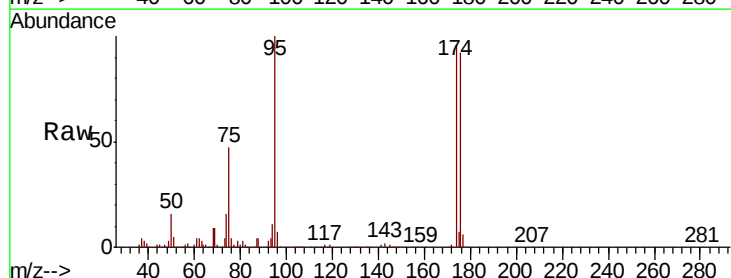
Instrument :
MSVOA_N
ClientSampleId :
PB112829ZHE#01

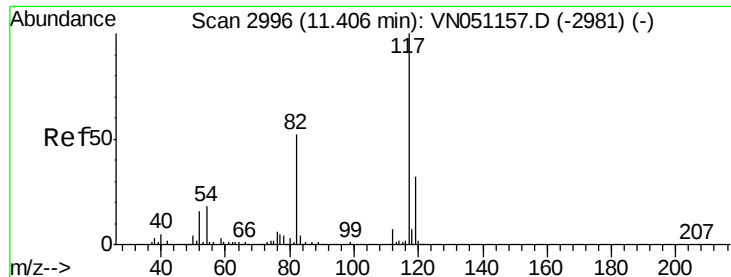
Tot Ion: 43 Resp: 13752
Ion Ratio Lower Upper
43 100
58 23.5 29.3 88.0#



#62
4-Bromofluorobenzene
Concen: 37.00 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051191.D
Acq: 14 Sep 2018 15:36

Tgt Ion: 95 Resp: 320760
Ion Ratio Lower Upper
95 100
174 94.0 0.0 184.8
176 90.7 0.0 178.6

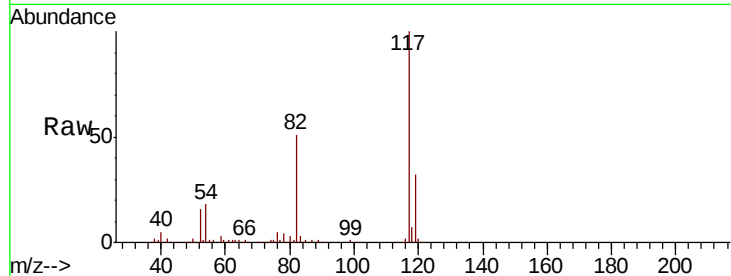




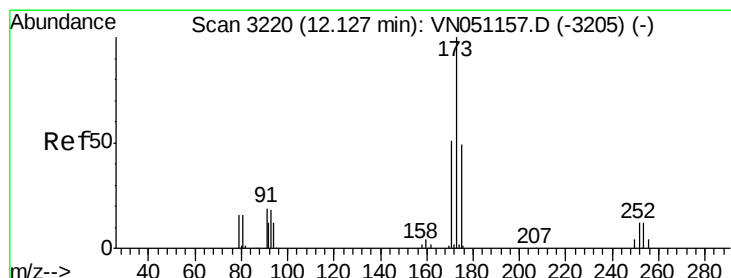
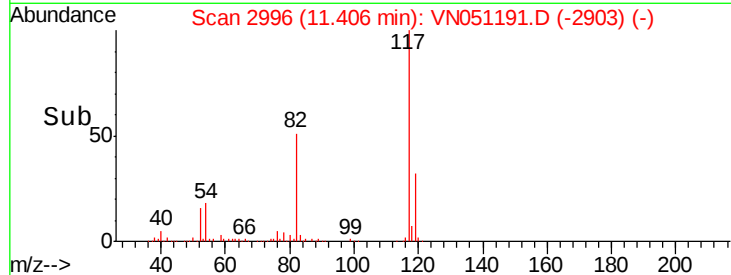
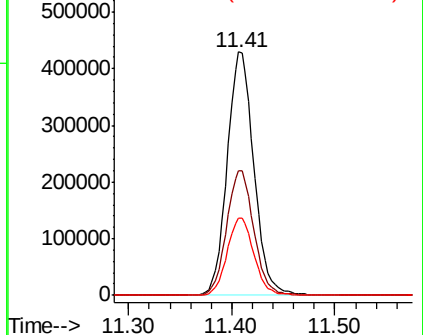
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051191.D
Acq: 14 Sep 2018 15:36

Instrument :
MSVOA_N
ClientSampleId :
PB112829ZHE#01

Tot Ion:117 Resp: 775437
Ion Ratio Lower Upper
117 100
82 51.3 41.8 62.6
119 32.0 26.2 39.2

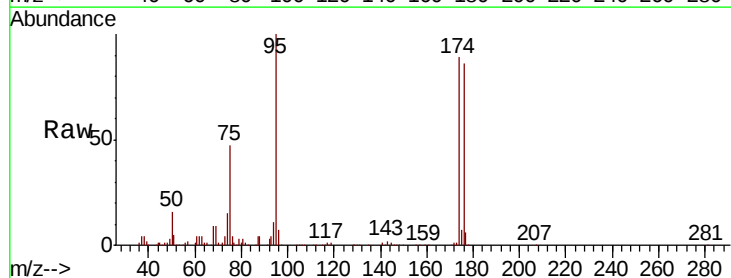


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

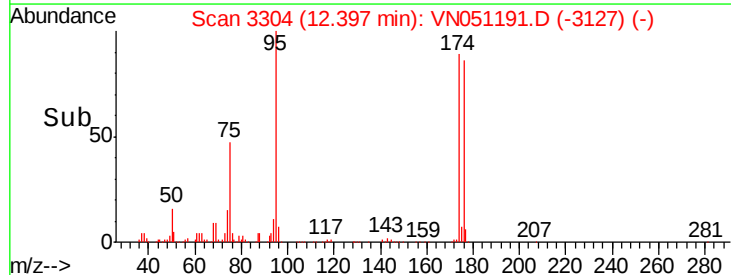
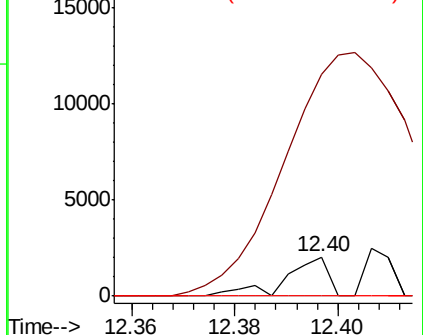


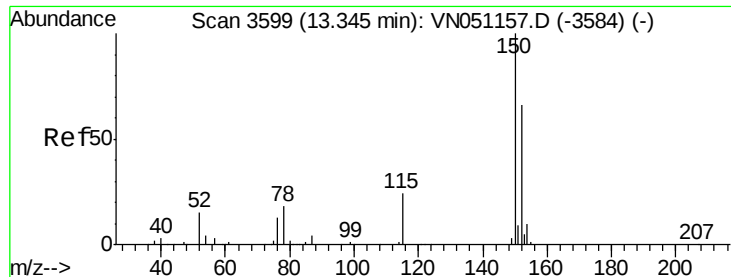
#71
Bromoform
Concen: 0.23 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN051191.D
Acq: 14 Sep 2018 15:36

Tgt Ion:173 Resp: 1139
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.9#
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# 3599

Delta R.T. 0.00 min

Lab File: VN051191.D

Acq: 14 Sep 2018 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB112829ZHE#01

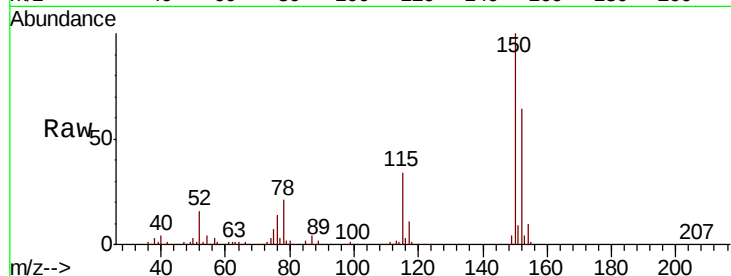
Tot Ion:152 Resp: 238863

Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

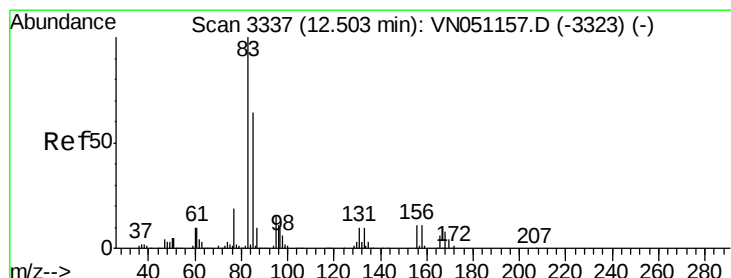
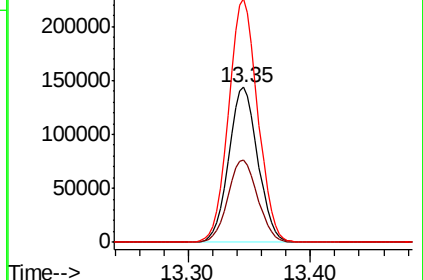
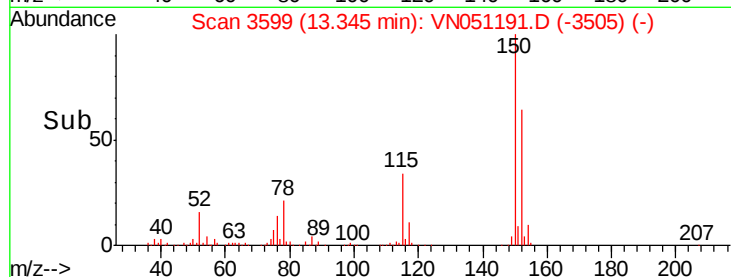
150 157.2 0.0 349.0



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: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051191.D

Acq: 14 Sep 2018 15:36

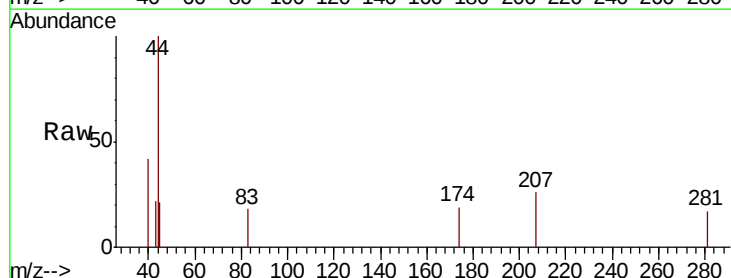
Tgt Ion: 83 Resp: 32

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

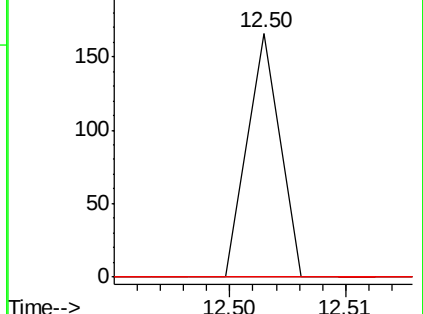
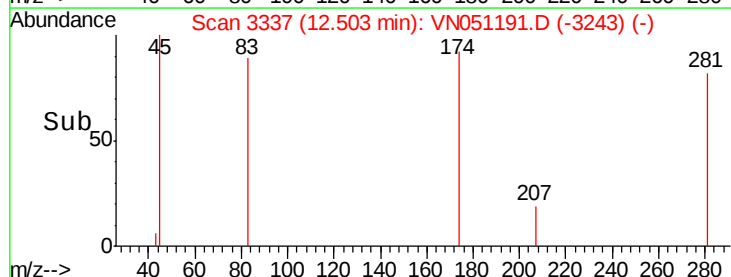
85 0.0 32.3 96.8#

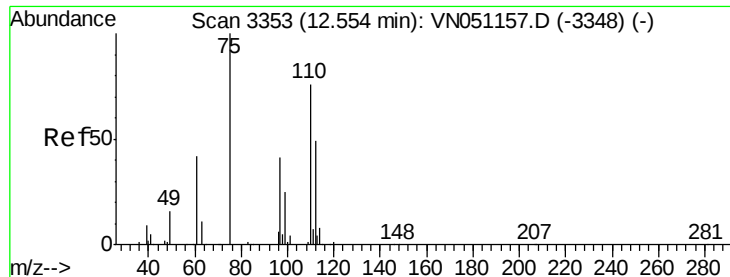


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 39.93 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051191.D

Acq: 14 Sep 2018 15:36

Instrument :

MSVOA_N

ClientSampleId :

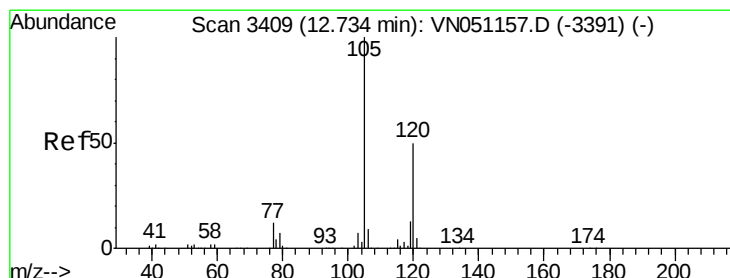
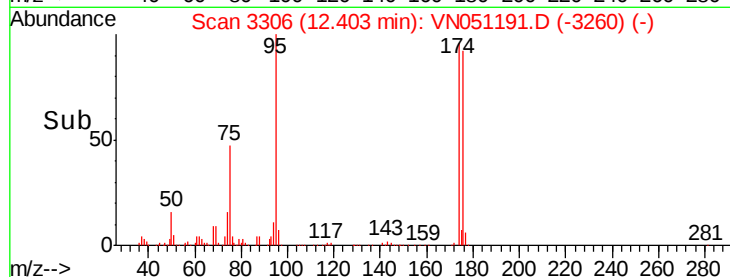
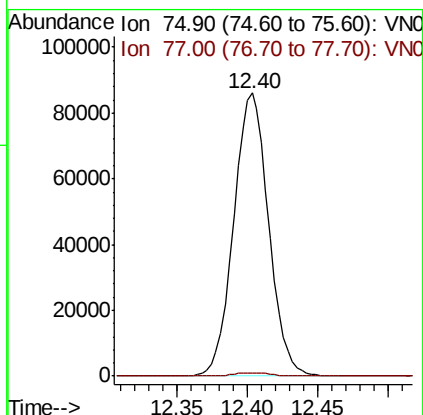
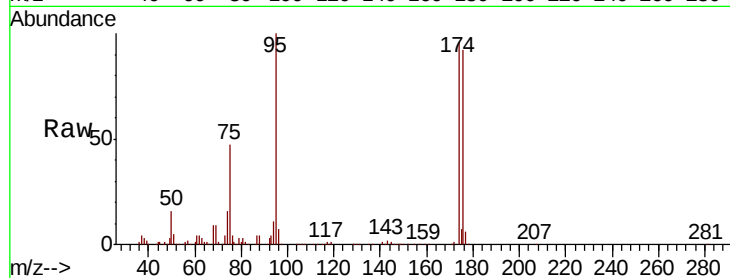
PB112829ZHE#01

Tot Ion: 75 Resp: 148990

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.27 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051191.D

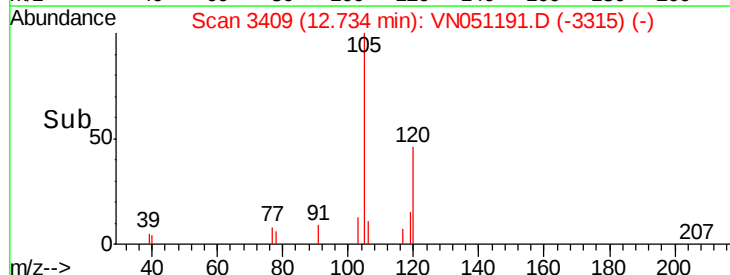
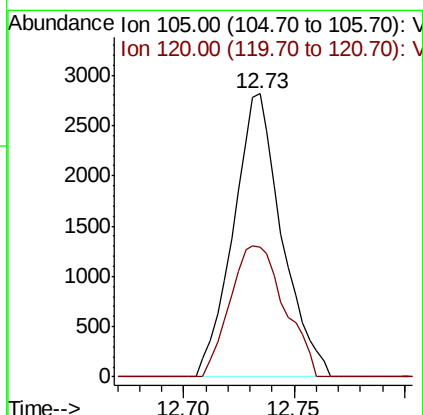
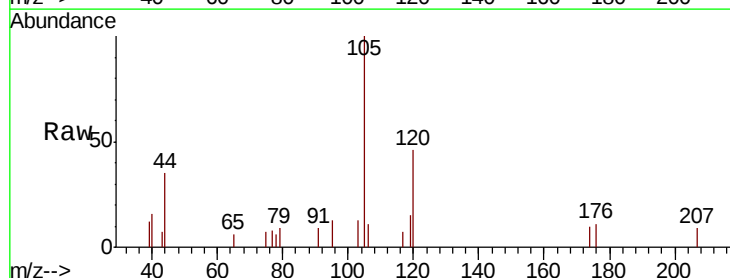
Acq: 14 Sep 2018 15:36

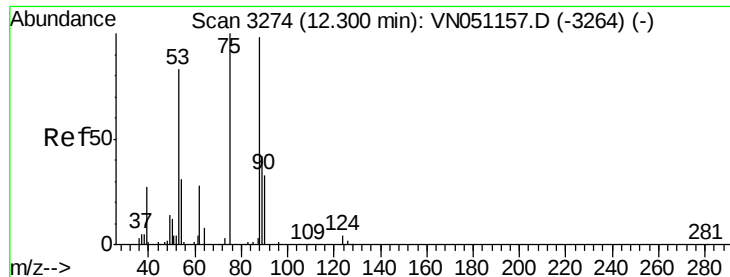
Tgt Ion: 105 Resp: 4306

Ion Ratio Lower Upper

105 100

120 51.9 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 118.46 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051191.D

Acq: 14 Sep 2018 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB112829ZHE#01

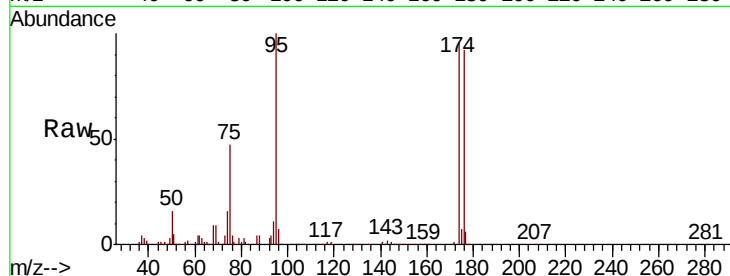
Tot Ion: 75 Resp: 148990

Ion Ratio Lower Upper

75 100

53 0.1 67.8 101.8#

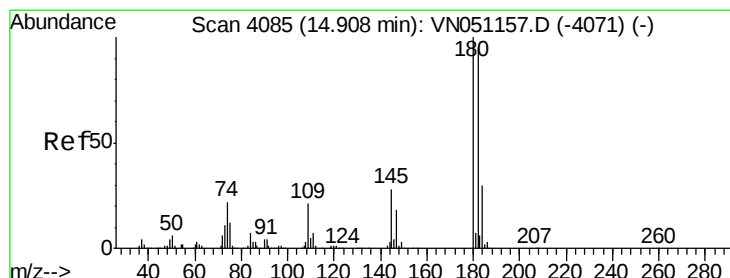
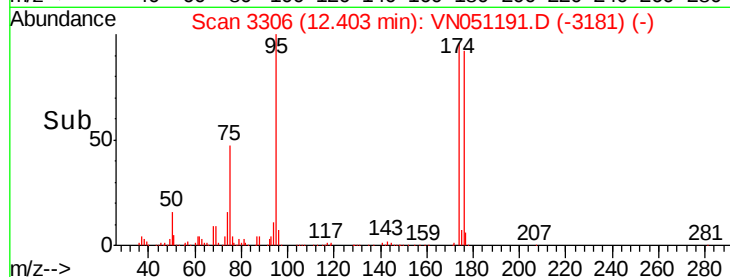
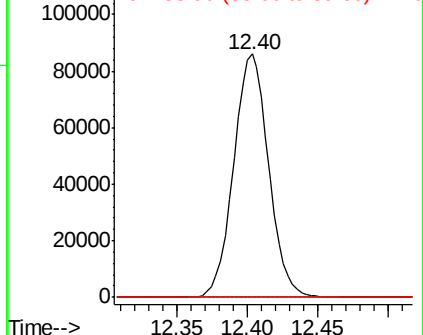
89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051157.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN051157.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN051157.D (-3264) (-)



#93

1,2,4-Trichlorobenzene

Concen: 4.11 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN051191.D

Acq: 14 Sep 2018 15:36

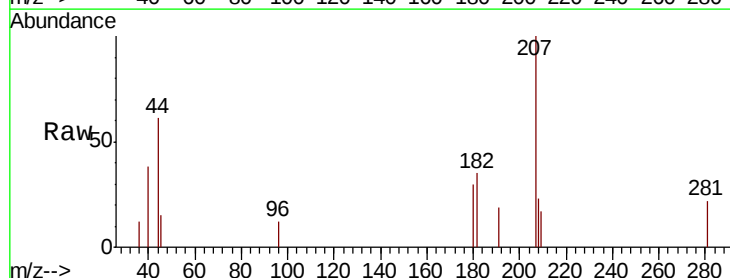
Tgt Ion: 180 Resp: 604

Ion Ratio Lower Upper

180 100

182 97.5 47.3 141.8

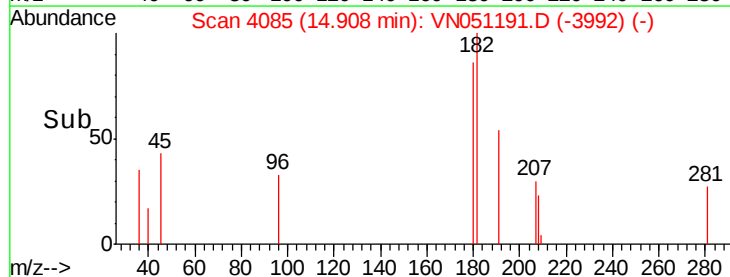
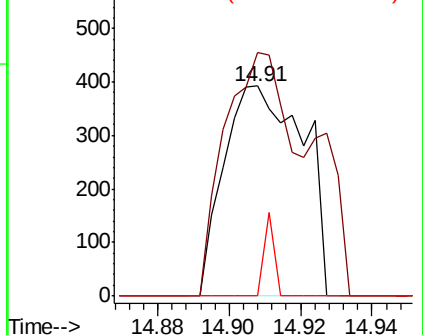
145 5.0 14.2 42.6#

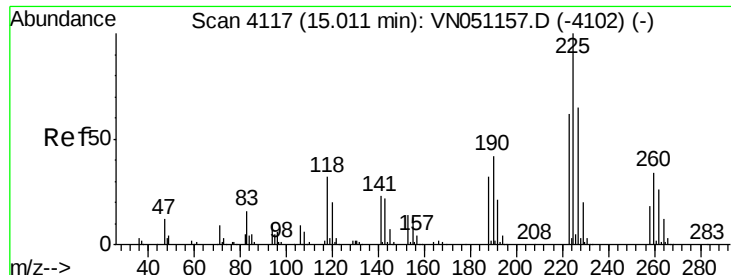


Abundance Ion 179.80 (179.50 to 180.50): VN051157.D (-4071) (-)

Ion 181.80 (181.50 to 182.50): VN051157.D (-4071) (-)

Ion 144.80 (144.50 to 145.50): VN051157.D (-4071) (-)





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4113

Delta R.T. -0.01 min

Lab File: VN051191.D

Acq: 14 Sep 2018 15:36

Instrument :

MSVOA_N

ClientSampleId :

PB112829ZHE#01

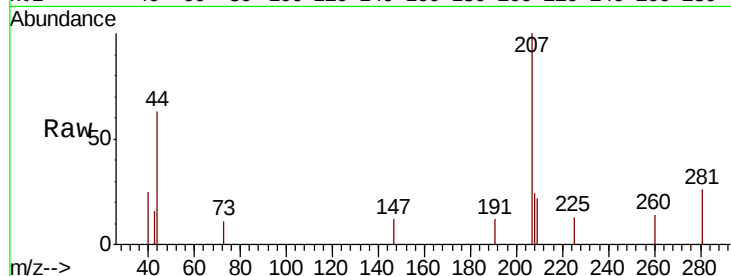
Tot Ion:225 Resp: 104

Ion Ratio Lower Upper

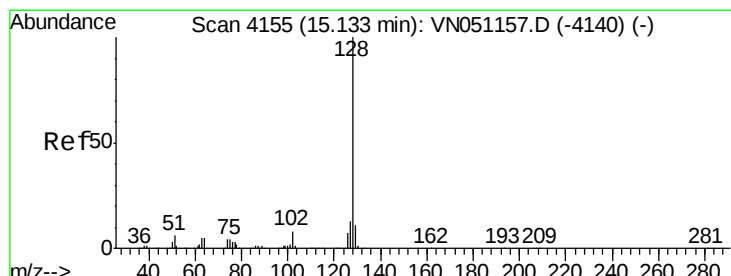
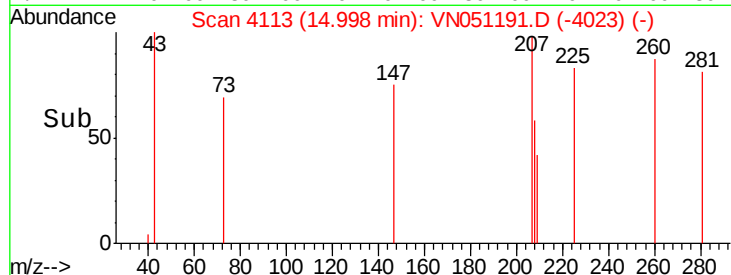
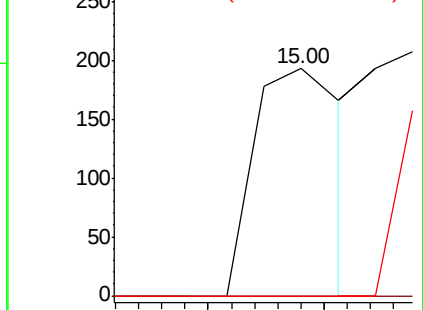
225 100

223 0.0 31.4 94.0#

227 93.3 32.1 96.3



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



#95

Naphthalene

Concen: 5.50 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051191.D

Acq: 14 Sep 2018 15:36

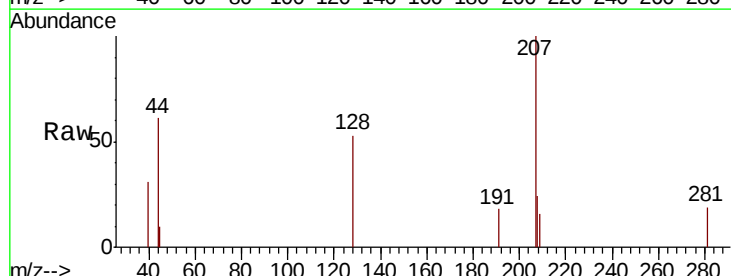
Tgt Ion:128 Resp: 1625

Ion Ratio Lower Upper

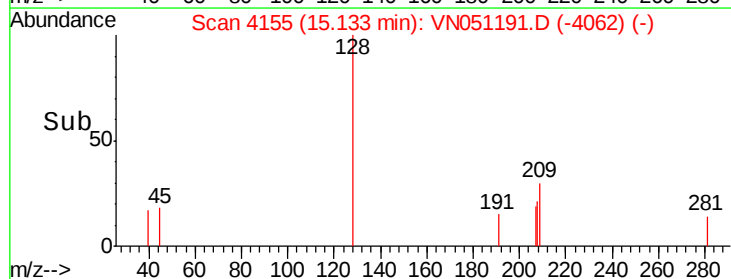
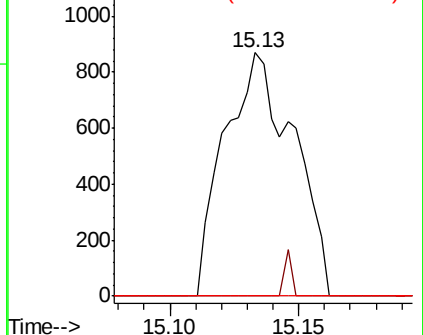
128 100

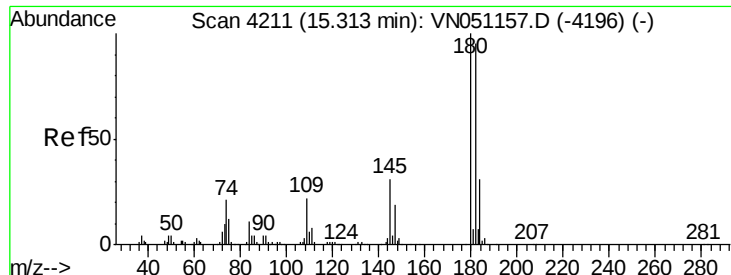
127 2.0 10.6 15.8#

129 0.0 8.6 12.8#



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: 3.12 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN051191.D
 Acq: 14 Sep 2018 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.8	143.3
145	0.0	14.6	43.8

