

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091518\
 Data File : VN051220.D
 Acq On : 15 Sep 2018 14:16
 Operator : MD\SY
 Sample : PB112879ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 02:14:28 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	427264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	643236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	520311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	136640	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	228163	47.99	ug/l	0.00
Spiked Amount						
			Recovery	=	95.98%	
35) Dibromofluoromethane	7.59	113	244204	50.52	ug/l	0.00
Spiked Amount						
			Recovery	=	101.04%	
50) Toluene-d8	10.09	98	833548	45.45	ug/l	0.00
Spiked Amount						
			Recovery	=	90.90%	
62) 4-Bromofluorobenzene	12.40	95	207143	34.14	ug/l	0.00
Spiked Amount						
			Recovery	=	68.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2334	Below Cal		96
5) Bromomethane	2.57	94	3054	Below Cal		92
10) Methyl Iodide	3.95	142	470	5.72	ug/l #	80
11) Tert butyl alcohol	4.80	59	239	0.66	ug/l #	73
16) Acetone	3.82	43	9380	2.19	ug/l	96
17) Carbon Disulfide	4.05	76	5148	0.50	ug/l	99
18) Methyl Acetate	4.34	43	9148	2.40	ug/l	98
20) Methylene Chloride	4.56	84	6281	1.20	ug/l	98
25) 2-Butanone	6.86	43	5380	2.88	ug/l #	80
29) Tetrahydrofuran	7.22	42	1026	0.88	ug/l #	33
31) Cyclohexane	7.67	56	7294	0.71	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	27263	3.86	ug/l #	48
38) Carbon Tetrachloride	7.67	117	36739	5.29	ug/l #	17
43) Isopropyl Acetate	8.17	43	196230	27.19	ug/l #	88
48) Methyl methacrylate	9.18	41	5536	1.57	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	2519	0.63	ug/l #	77
56) Ethyl methacrylate	10.42	69	61	2.46	ug/l #	29
58) 2-Chloroethyl Vinyl ether	9.71	63	60	15.25	ug/l #	47
59) 2-Hexanone	10.77	43	14939	5.52	ug/l	61
75) 1,1,2,2-Tetrachloroethane	12.51	83	490	Below Cal	#	59
76) 1,2,3-Trichloropropane	12.40	75	93453	43.93	ug/l #	100
77) Bromobenzene	12.54	156	625	0.20	ug/l	71
80) 1,3,5-Trimethylbenzene	12.73	105	1861	0.20	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	93453	129.89	ug/l #	15
82) 4-Chlorotoluene	12.78	91	2090	0.27	ug/l	93
87) 1,3-Dichlorobenzene	13.29	146	1826	0.35	ug/l	94
88) 1,4-Dichlorobenzene	13.29	146	1826	0.39	ug/l	95
89) n-Butylbenzene	13.61	91	2086	0.30	ug/l #	79
91) 1,2-Dichlorobenzene	13.66	146	2136	0.42	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.26	75	65	0.82	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	2757	5.01	ug/l	95
94) Hexachlorobutadiene	15.01	225	1509	Below Cal		96
95) Naphthalene	15.13	128	5680	6.33	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.32	180	2852	4.09	ug/l	89

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

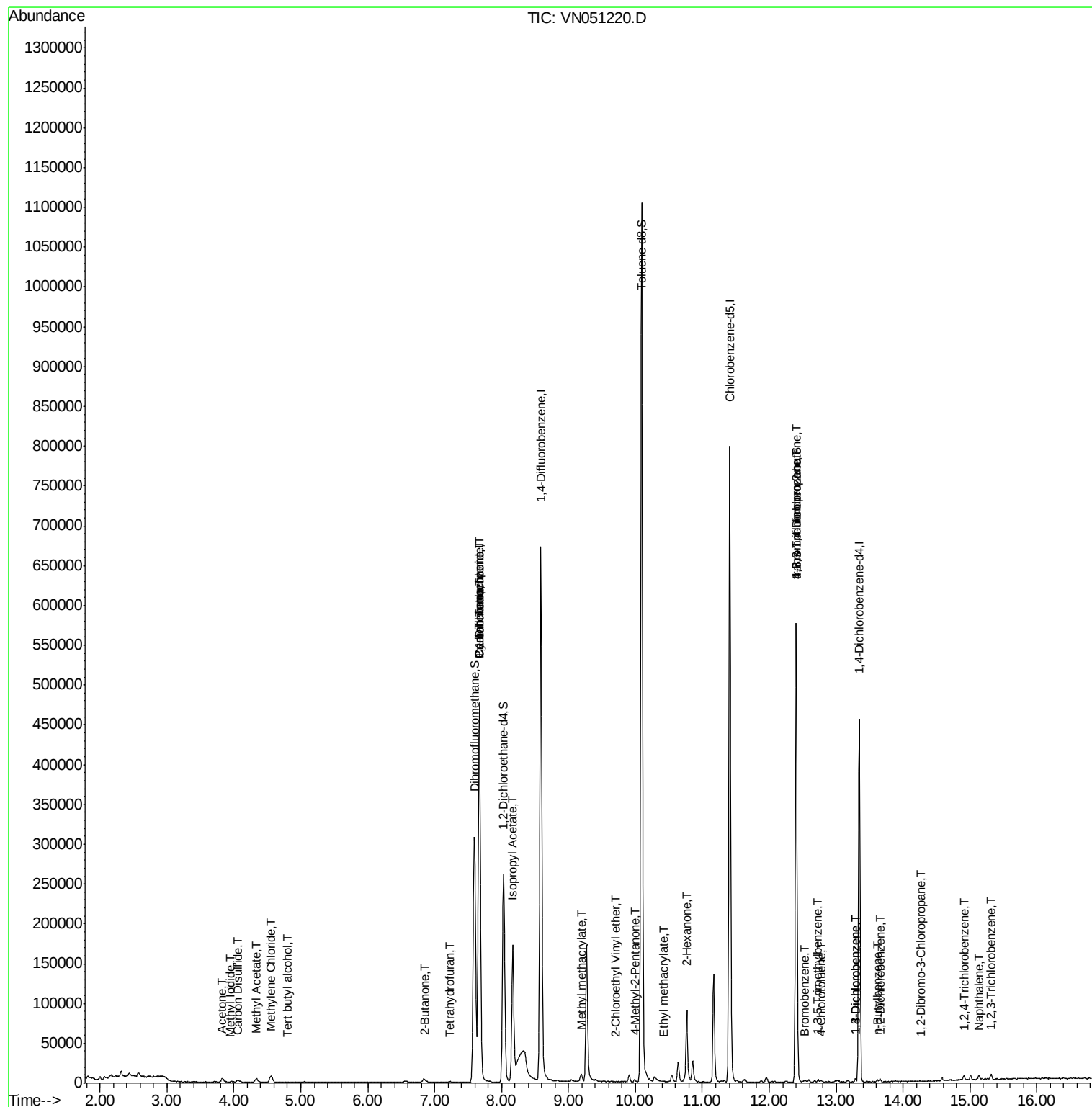
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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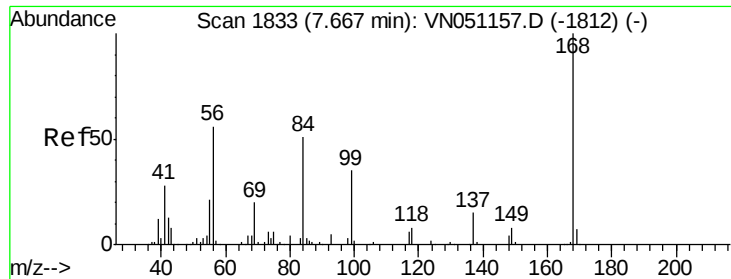
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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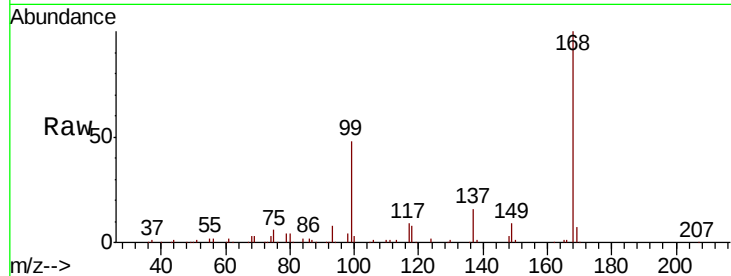


#1

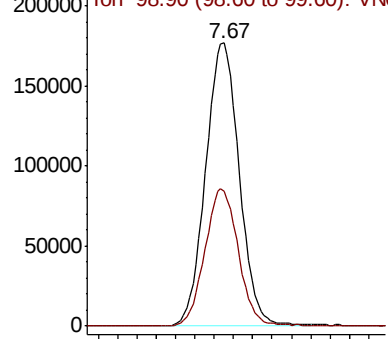
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

Instrument :
 MSVOA_N
 ClientSampled :

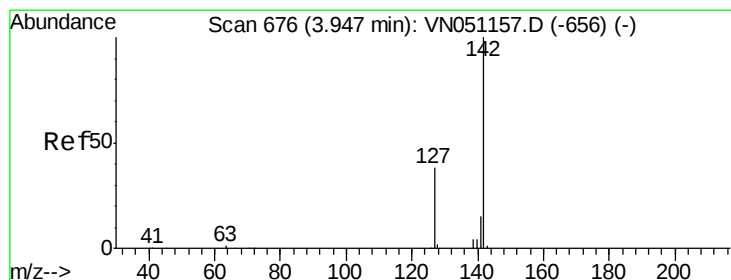
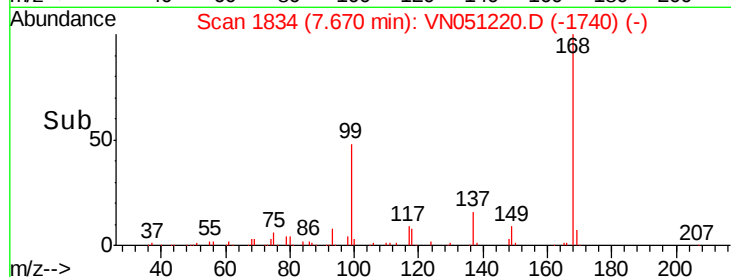
Tot Ion:168 Resp: 427264
 Ion Ratio Lower Upper
 168 100
 99 47.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VN



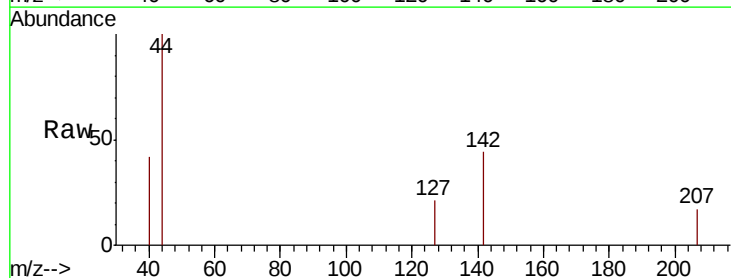
Time-->



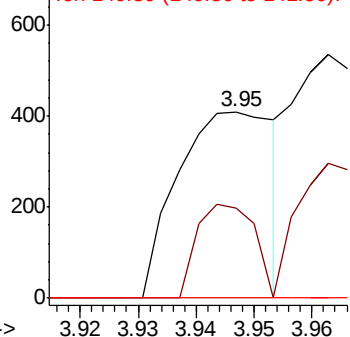
#10

Methyl Iodide
 Concen: 5.72 ug/l
 RT: 3.95 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

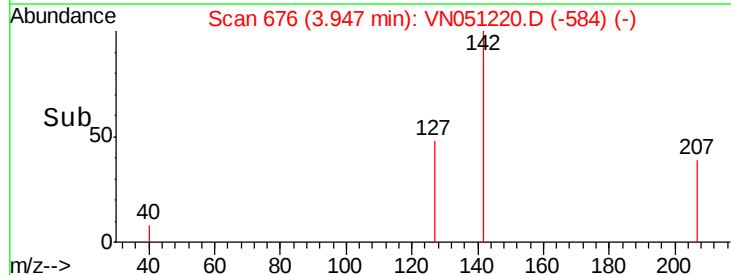
Tgt Ion:142 Resp: 470
 Ion Ratio Lower Upper
 142 100
 127 30.0 31.0 46.4#
 141 0.0 11.3 16.9#

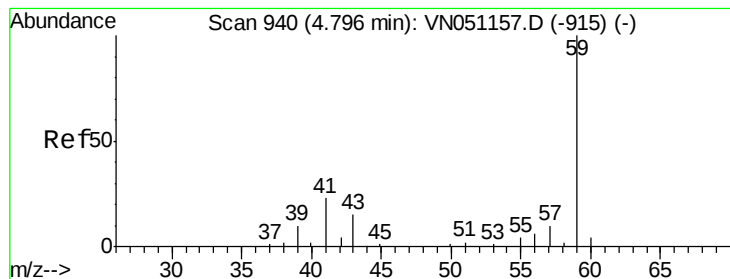


Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



Time-->



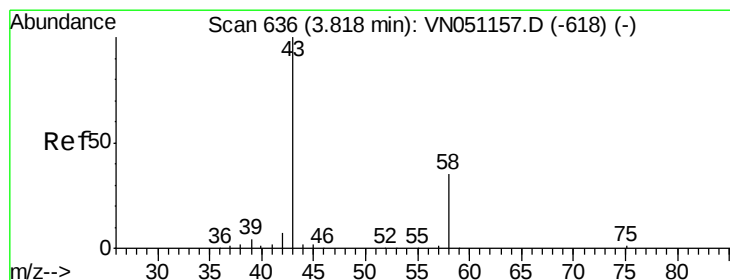
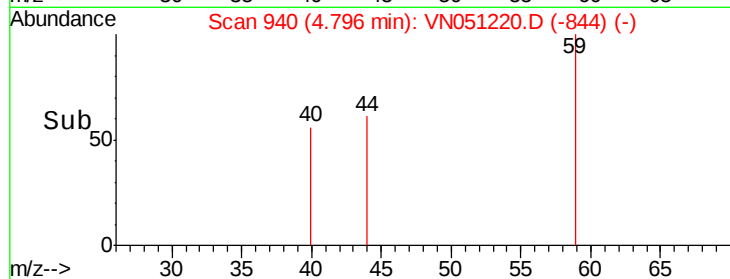
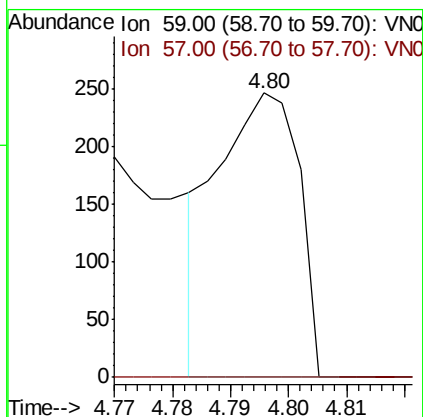
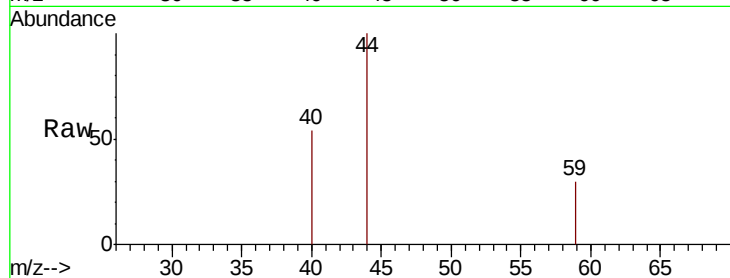


#11

Tert butyl alcohol
 Concen: 0.66 ug/l
 RT: 4.80 min Scan# 940
 Delta R.T. 0.01 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

Instrument :
 MSVOA_N
 ClientSampled :

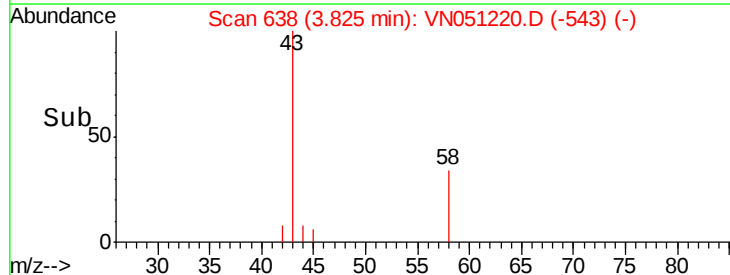
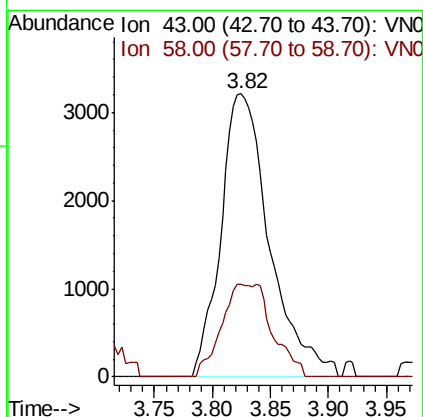
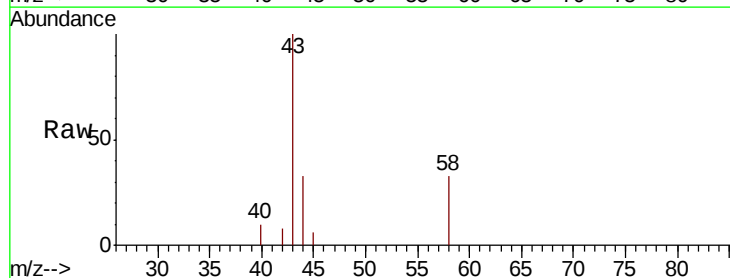
Tot Ion: 59 Resp: 239
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

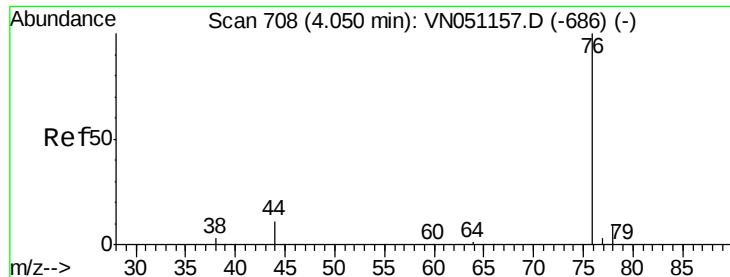


#16

Acetone
 Concen: 2.19 ug/l
 RT: 3.82 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

Tgt Ion: 43 Resp: 9380
 Ion Ratio Lower Upper
 43 100
 58 32.6 27.8 41.6

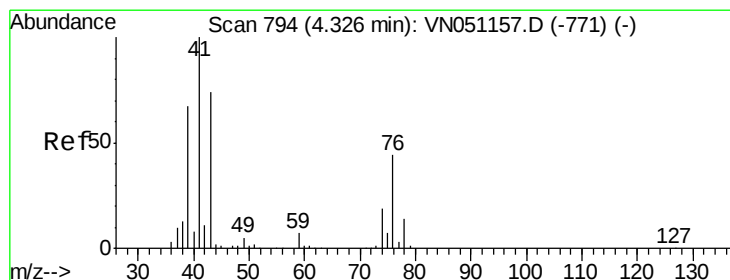
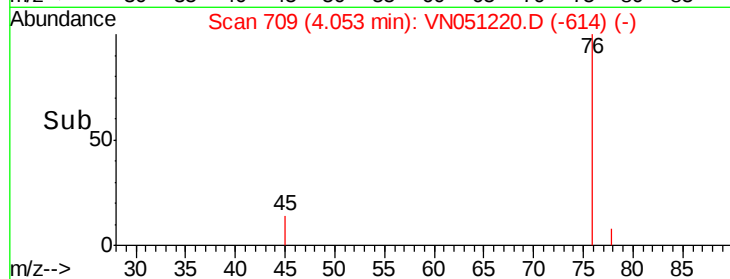
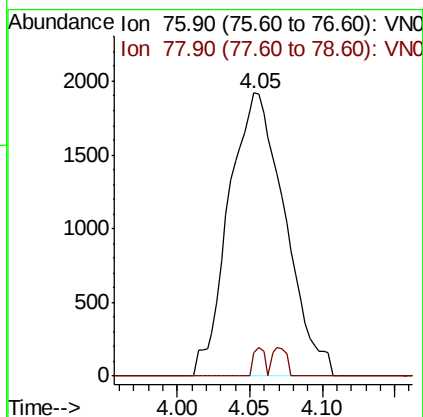
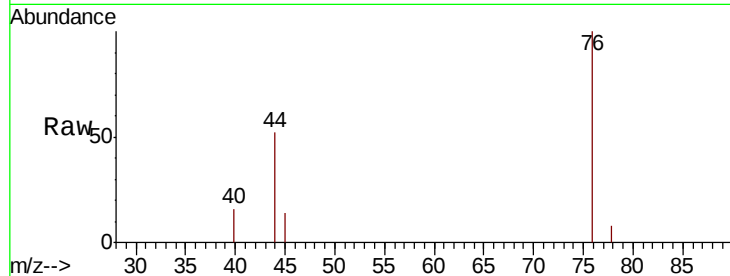




#17
Carbon Disulfide
Concen: 0.50 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051220.D
Acq: 15 Sep 2018 14:16

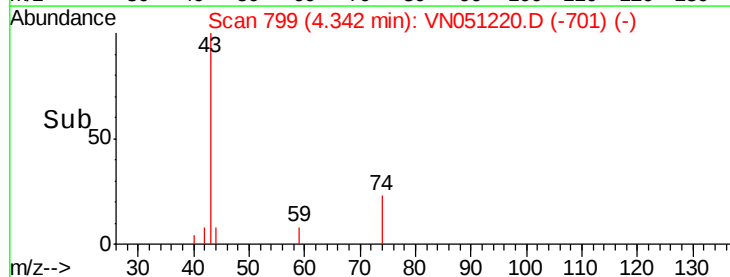
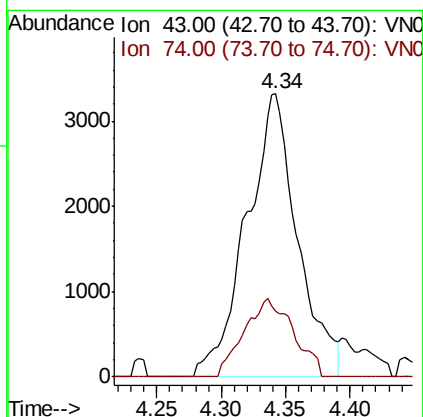
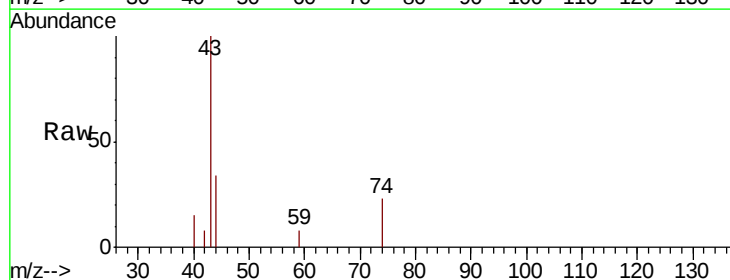
Instrument :
MSVOA_N
ClientSampleId :

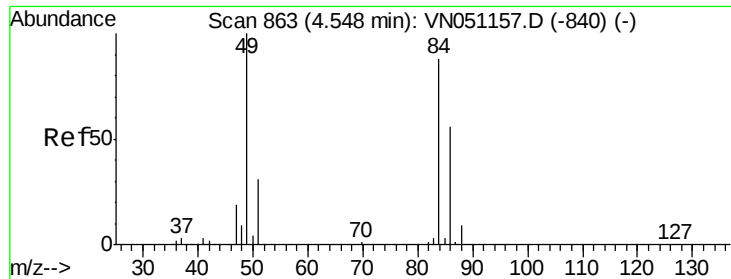
Tot Ion: 76 Resp: 5148
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.6



#18
Methyl Acetate
Concen: 2.40 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN051220.D
Acq: 15 Sep 2018 14:16

Tgt Ion: 43 Resp: 9148
Ion Ratio Lower Upper
43 100
74 26.7 20.7 31.1

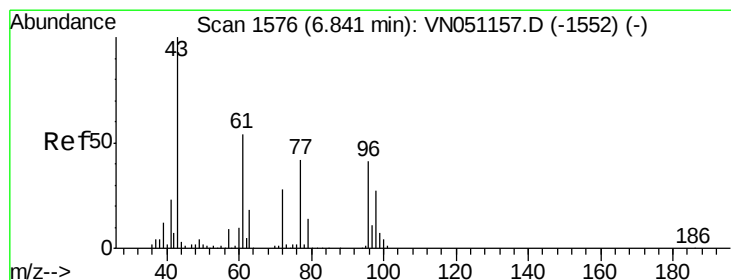
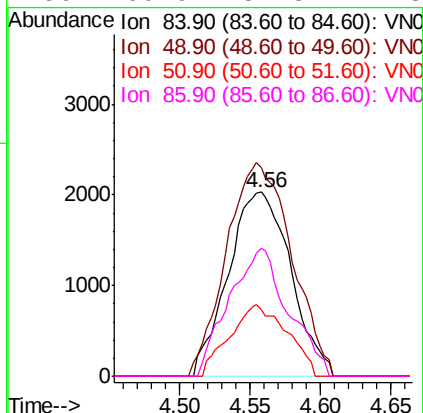
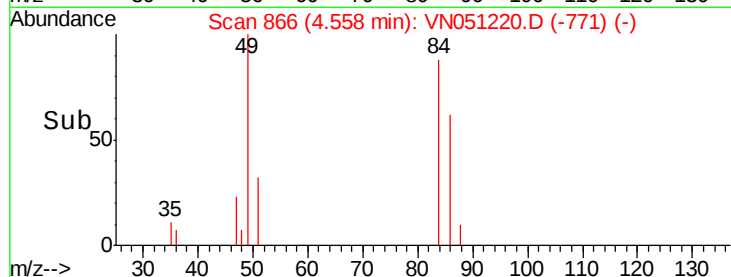
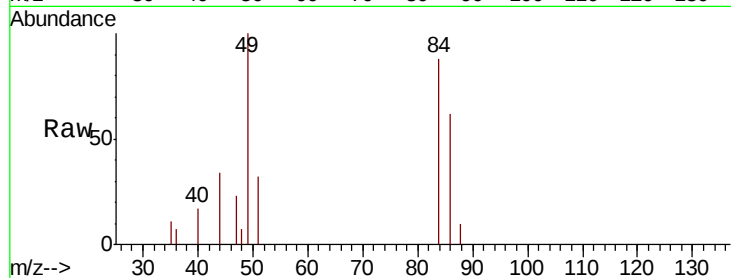




#20
Methvlene Chloride
Concen: 1.20 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051220.D
Acq: 15 Sep 2018 14:16

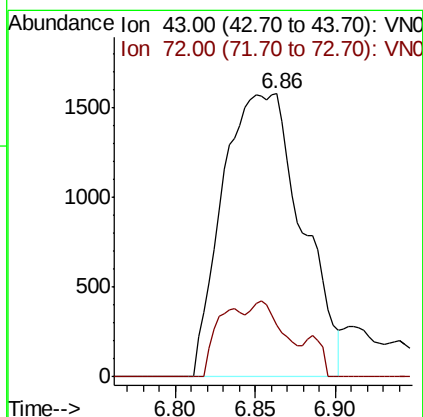
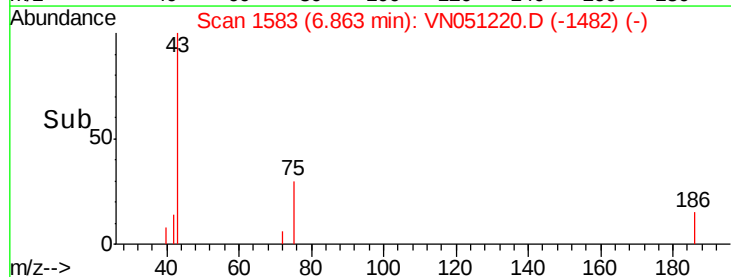
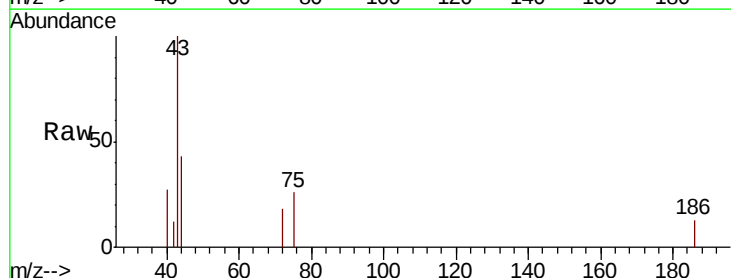
Instrument :
MSVOA_N
ClientSampled :

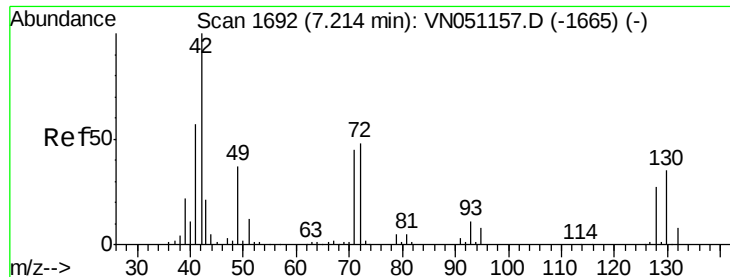
Tot Ion: 84 Resp: 6281
Ion Ratio Lower Upper
84 100
49 113.3 90.2 135.2
51 36.0 28.4 42.6
86 69.9 51.8 77.8



#25
2-Butanone
Concen: 2.88 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.03 min
Lab File: VN051220.D
Acq: 15 Sep 2018 14:16

Tgt Ion: 43 Resp: 5380
Ion Ratio Lower Upper
43 100
72 18.1 23.0 34.6#





#29

Tetrahydrofuran

Concen: 0.88 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

Instrument :

MSVOA_N

ClientSampleId :

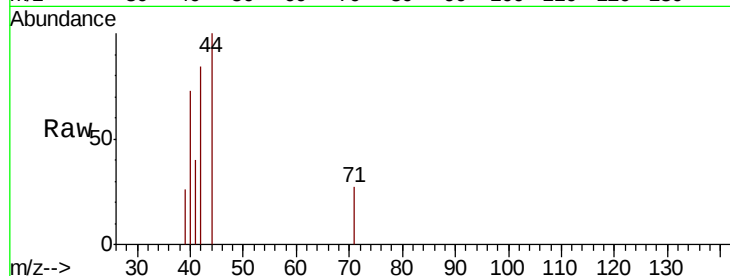
Tot Ion: 42 Resp: 1026

Ion Ratio Lower Upper

42 100

72 0.0 37.4 56.0#

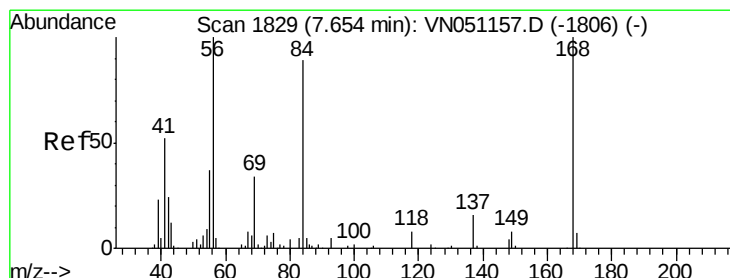
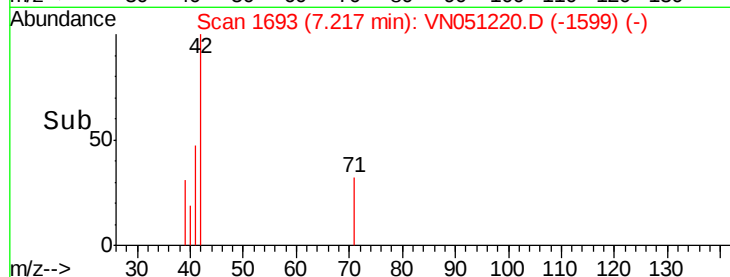
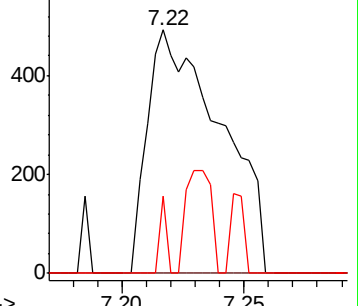
71 2.9 34.7 52.1#



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: 0.71 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

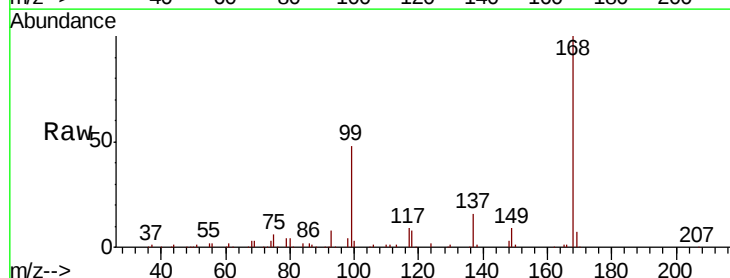
Tgt Ion: 56 Resp: 7294

Ion Ratio Lower Upper

56 100

69 191.1 26.3 39.5#

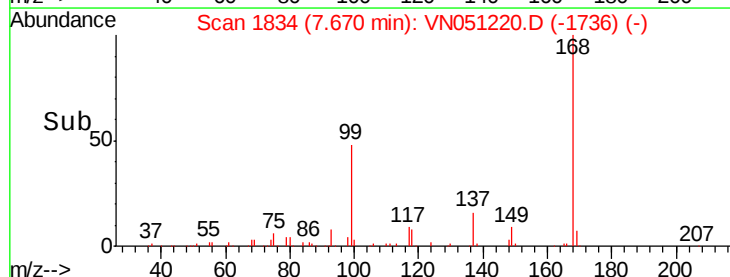
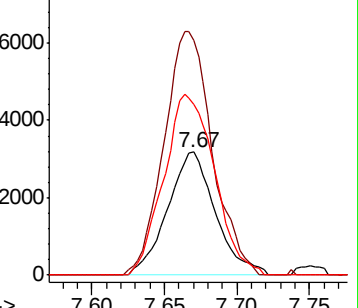
84 138.8 69.4 104.0#

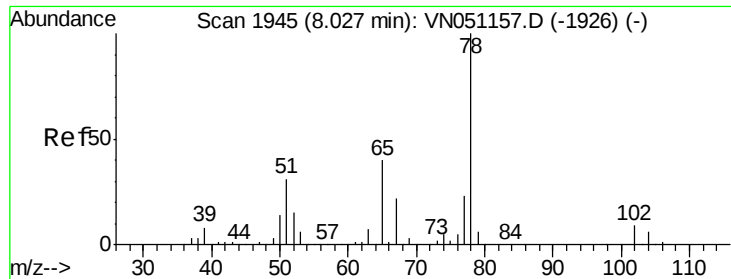


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

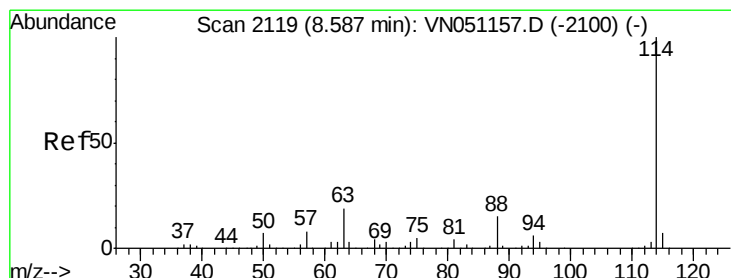
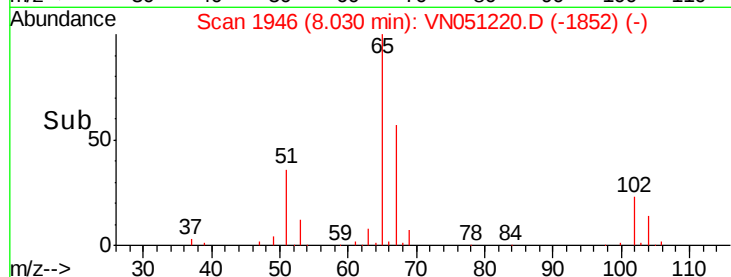
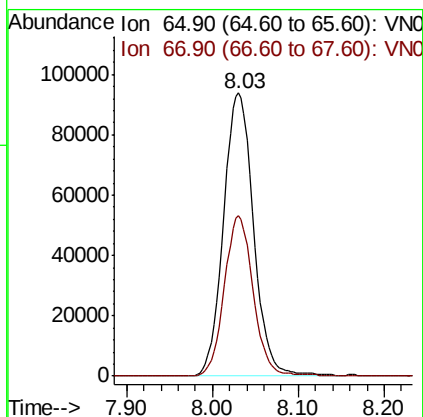
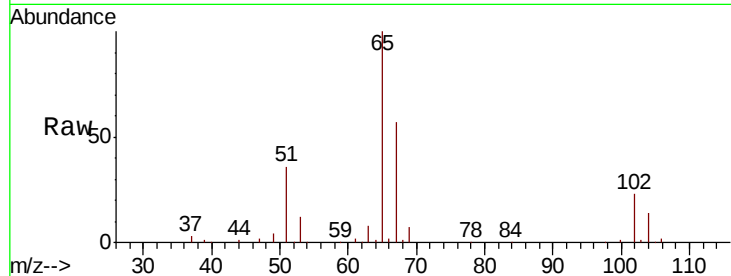




#33
 1,2-Dichloroethane-d4
 Concen: 47.99 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

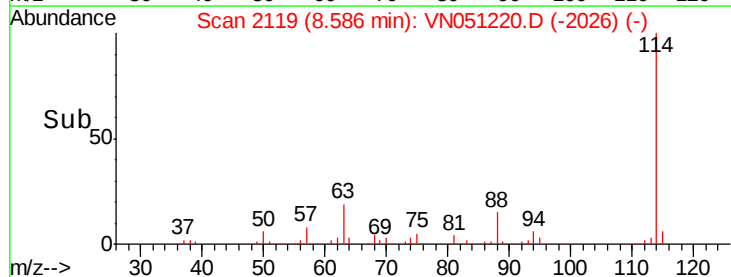
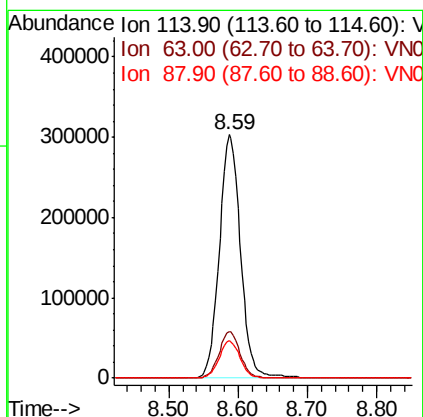
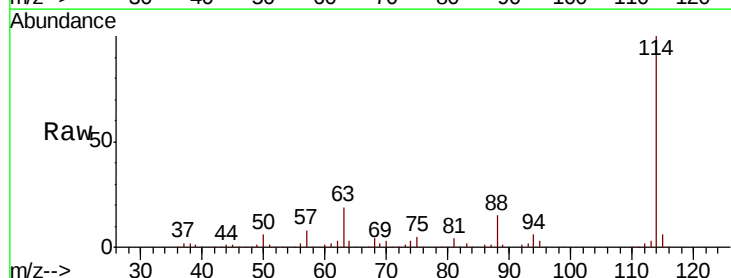
Instrument :
 MSVOA_N
 ClientSampleId :

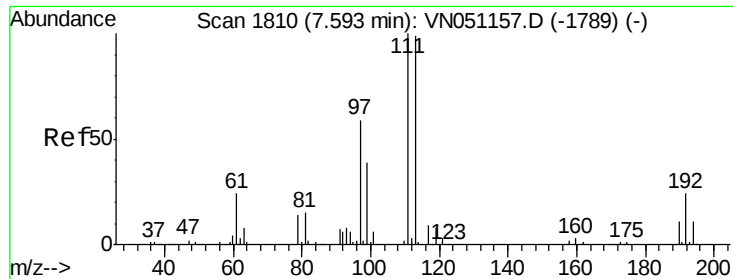
Tot Ion: 65 Resp: 228163
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

Tgt Ion: 114 Resp: 643236
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.8
 88 15.3 0.0 30.8

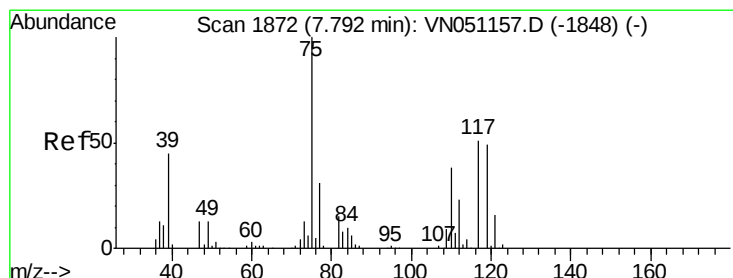
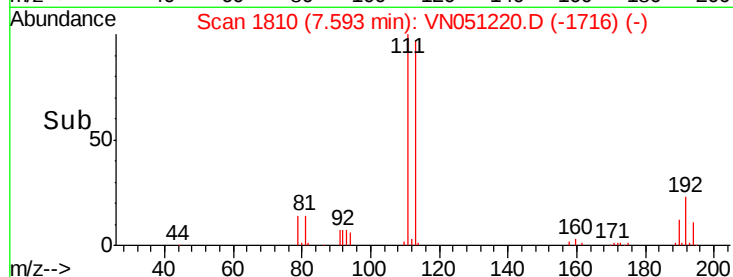
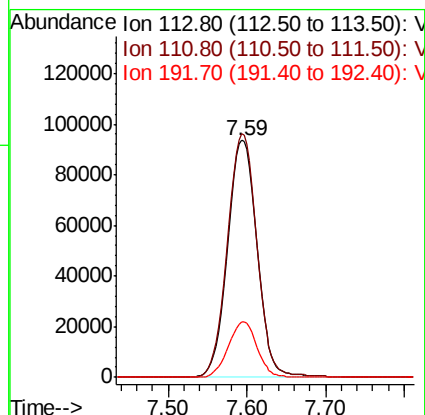
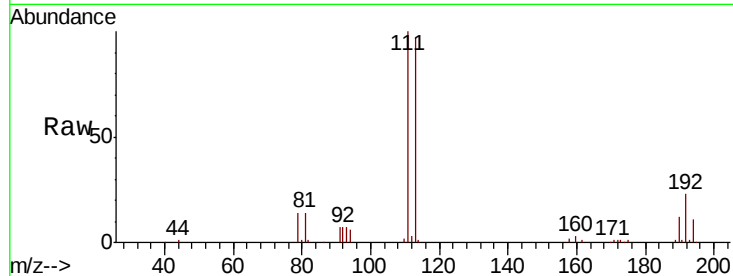




#35
 Dibromofluoromethane
 Concen: 50.52 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

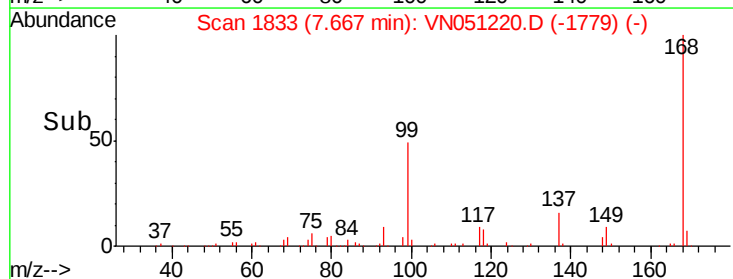
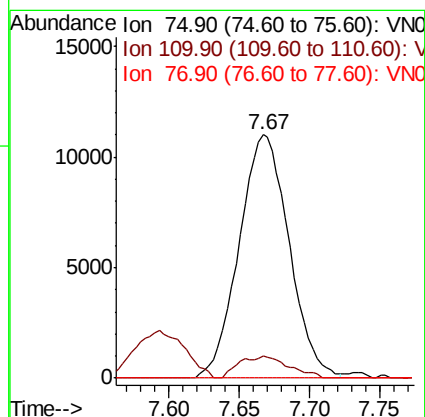
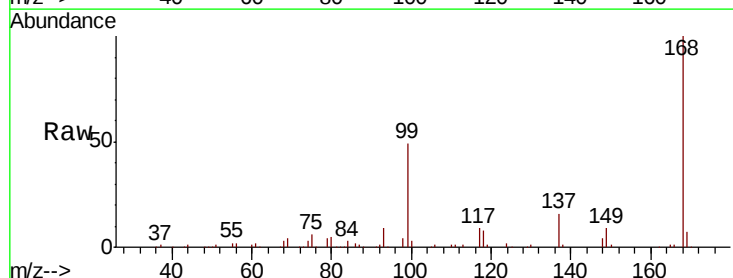
Instrument :
 MSVOA_N
 ClientSampleId :

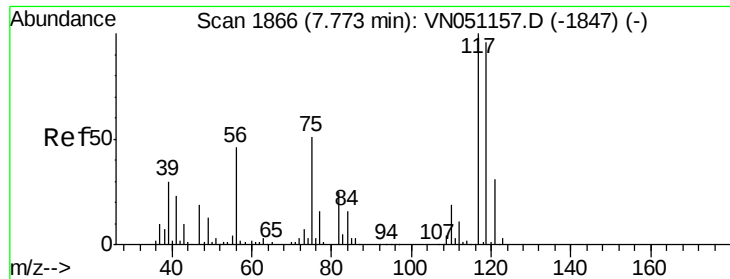
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.6
192	22.7	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 3.86 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

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

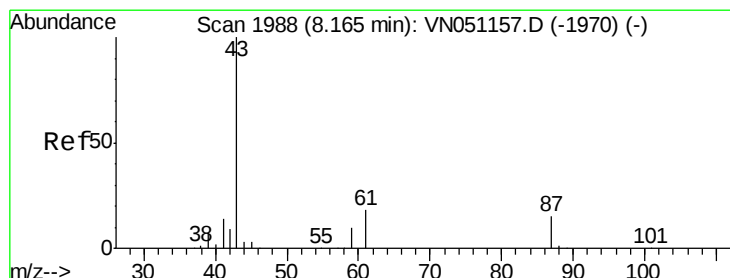
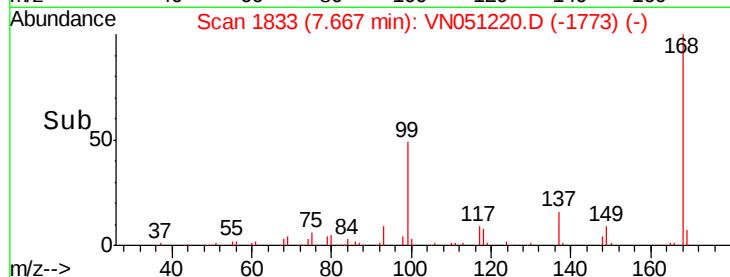
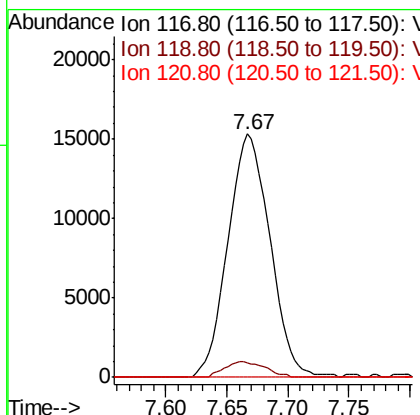
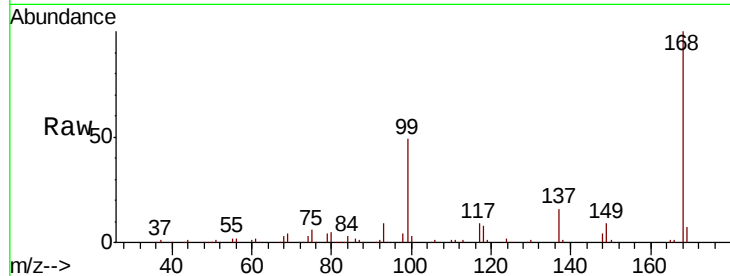




#38
Carbon Tetrachloride
Concen: 5.29 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051220.D
Acq: 15 Sep 2018 14:16

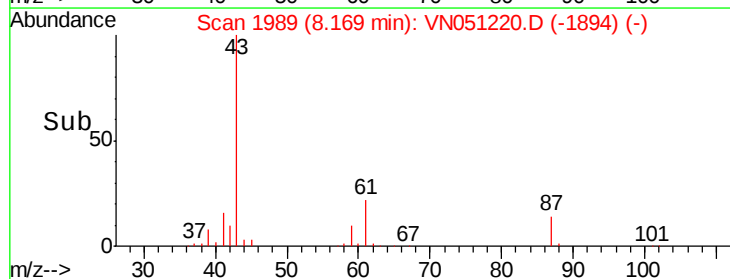
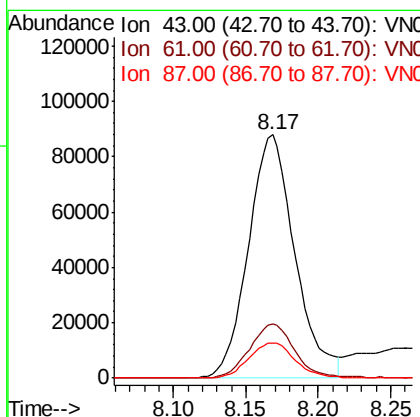
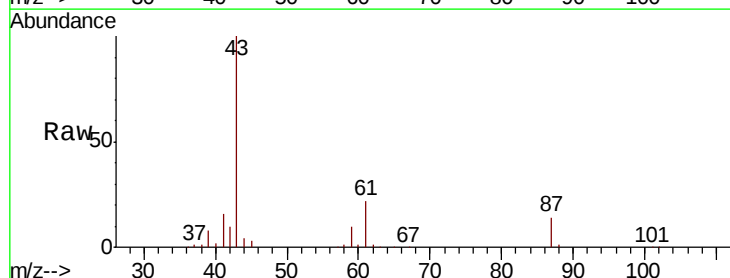
Instrument :
MSVOA_N
ClientSampleId :

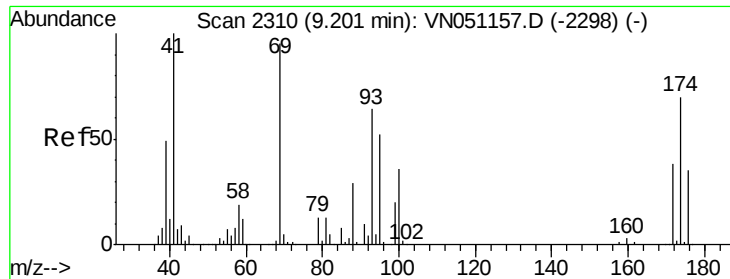
Tot Ion:117 Resp: 36739
Ion Ratio Lower Upper
117 100
119 6.1 76.8 115.2#
121 0.0 24.6 36.8#



#43
Isopropyl Acetate
Concen: 27.19 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN051220.D
Acq: 15 Sep 2018 14:16

Tgt Ion: 43 Resp: 196230
Ion Ratio Lower Upper
43 100
61 21.7 25.0 37.6#
87 14.6 11.8 17.8

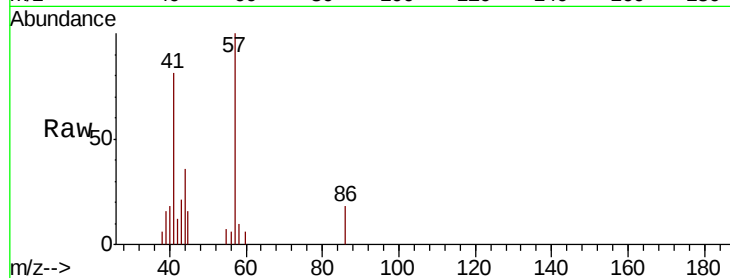




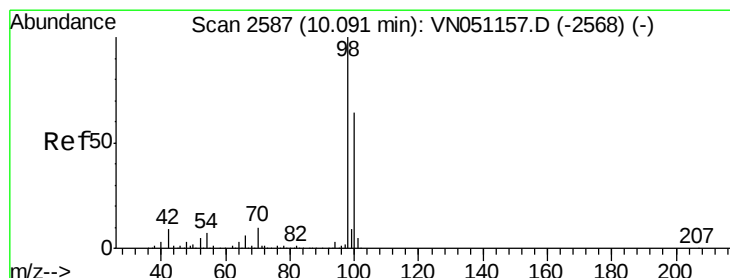
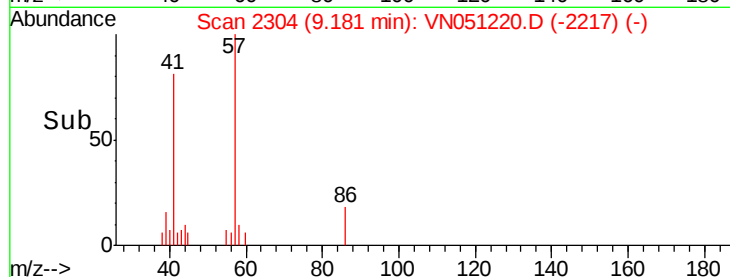
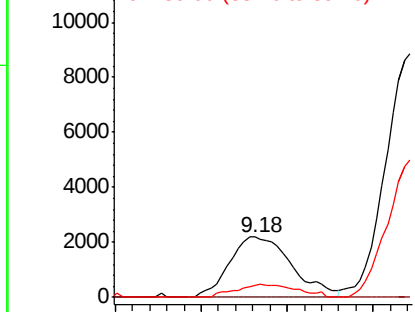
#48
Methvl methacrylate
Concen: 1.57 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN051220.D
Acq: 15 Sep 2018 14:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 5536
Ion Ratio Lower Upper
41 100
69 0.0 77.7 116.5#
39 21.0 41.6 62.4#

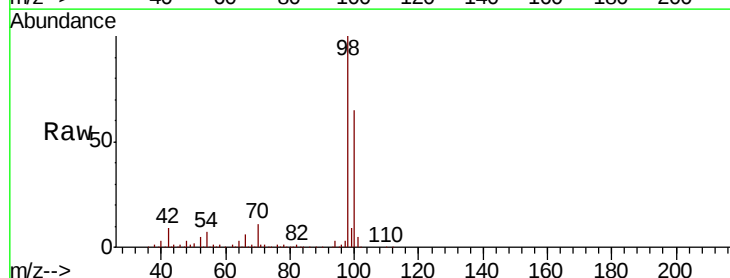


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

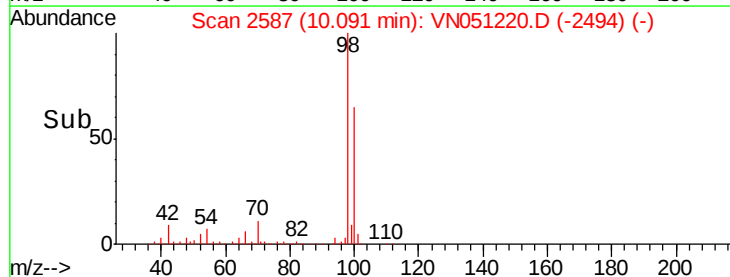
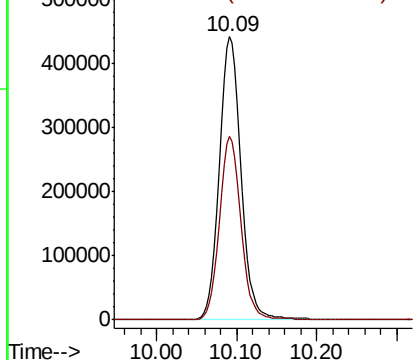


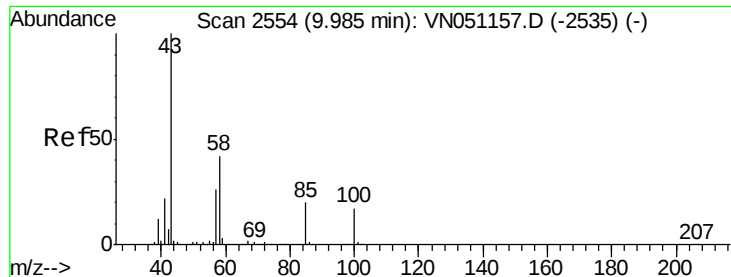
#50
Toluene-d8
Concen: 45.45 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051220.D
Acq: 15 Sep 2018 14:16

Tgt Ion: 98 Resp: 833548
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



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





#51

4-Methyl-2-Pentanone

Concen: 0.63 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

Instrument :

MSVOA_N

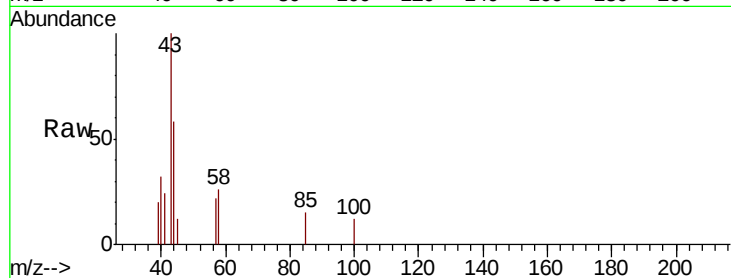
ClientSampled :

Tot Ion: 43 Resp: 2519

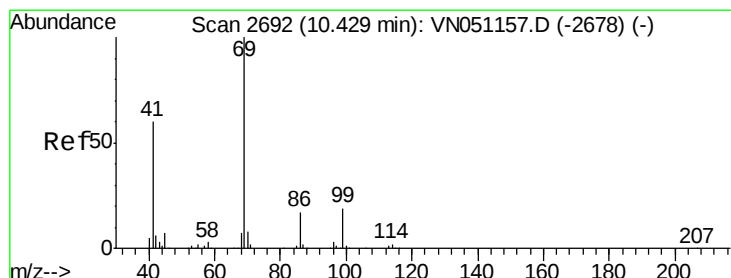
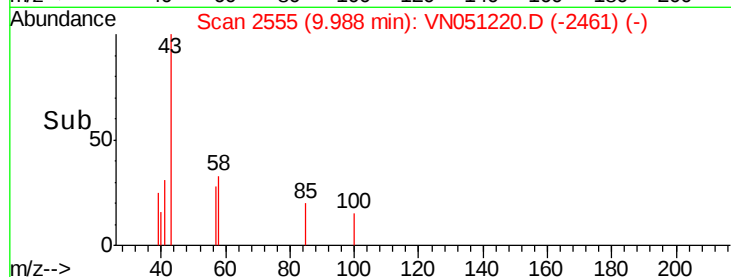
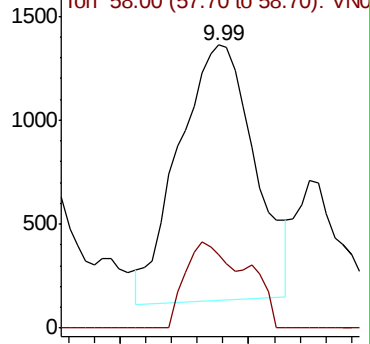
Ion Ratio Lower Upper

43 100

58 27.3 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-2535) (-)



#56

Ethyl methacrylate

Concen: 2.46 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. -0.01 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

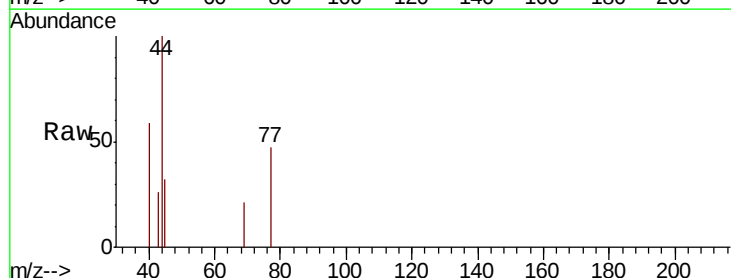
Tgt Ion: 69 Resp: 61

Ion Ratio Lower Upper

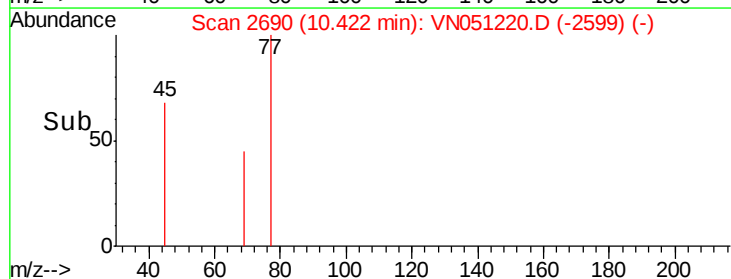
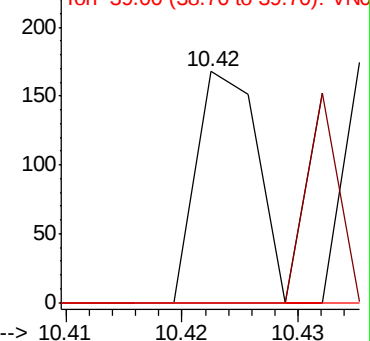
69 100

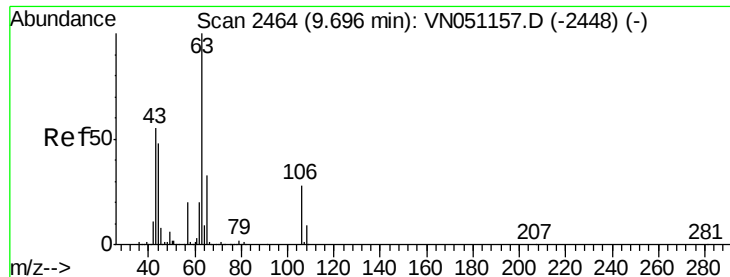
41 0.0 47.8 71.8#

39 0.0 23.0 34.4#



Abundance Ion 69.00 (68.70 to 69.70): VN051157.D (-2678) (-)

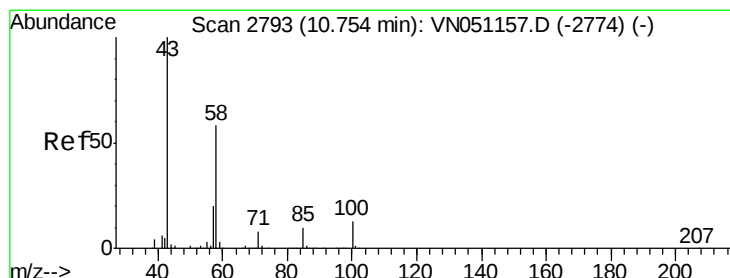
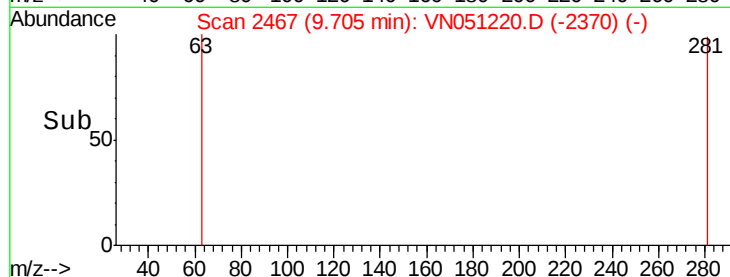
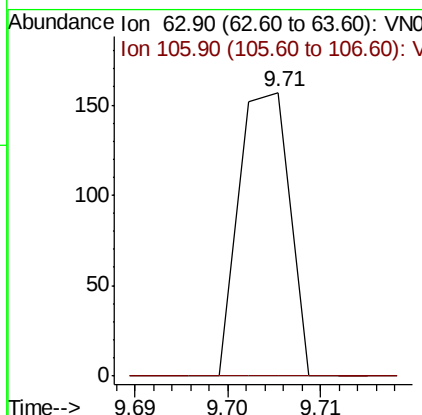
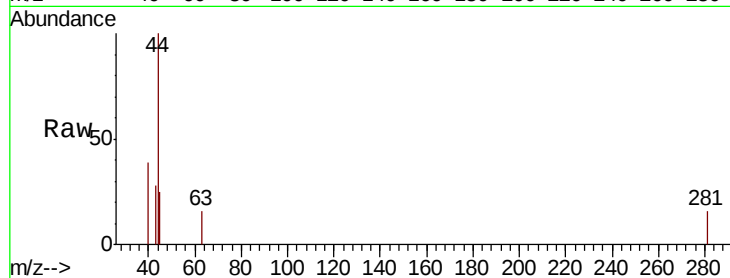




#58
 2-Chloroethyl Vinyl ether
 Concen: 15.25 ug/l
 RT: 9.71 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

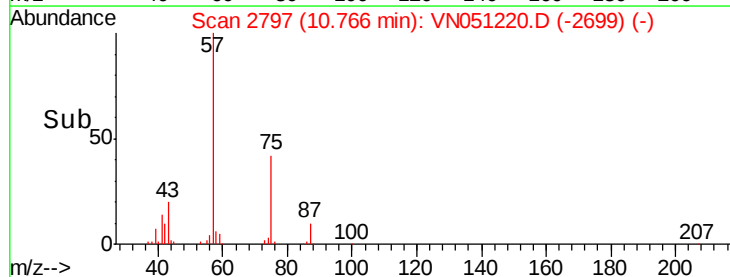
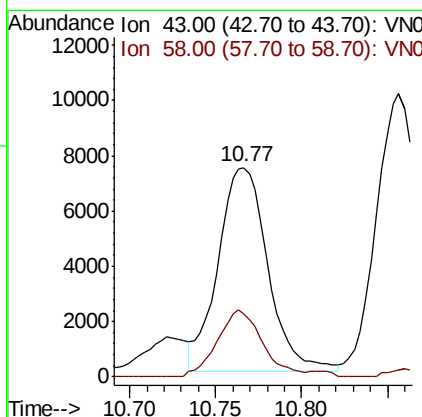
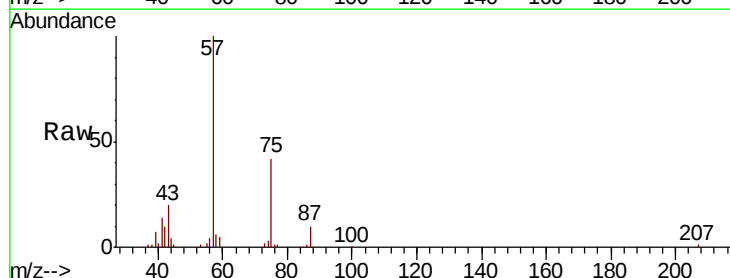
Instrument :
 MSVOA_N
 ClientSampleId :

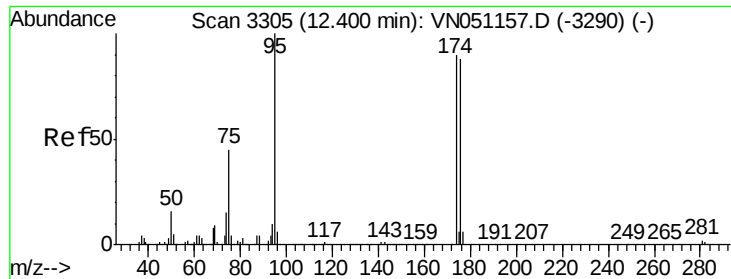
Tot Ion: 63 Resp: 60
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.5 33.7#



#59
 2-Hexanone
 Concen: 5.52 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.02 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

Tgt Ion: 43 Resp: 14939
 Ion Ratio Lower Upper
 43 100
 58 29.7 29.3 88.0





#62

4-Bromofluorobenzene

Concen: 34.14 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

Instrument :

MSVOA_N

ClientSampleId :

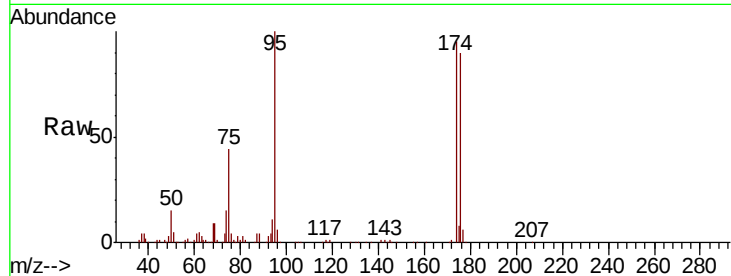
Tot Ion: 95 Resp: 207143

Ion Ratio Lower Upper

95 100

174 93.6 0.0 184.8

176 89.4 0.0 178.6

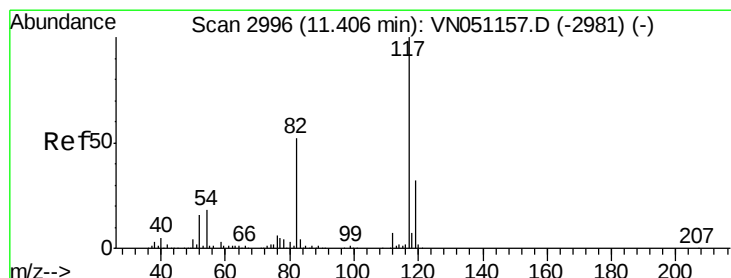
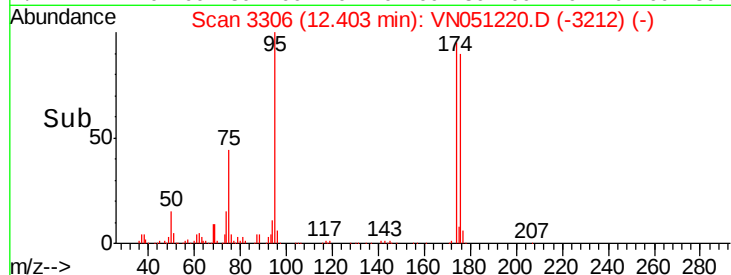
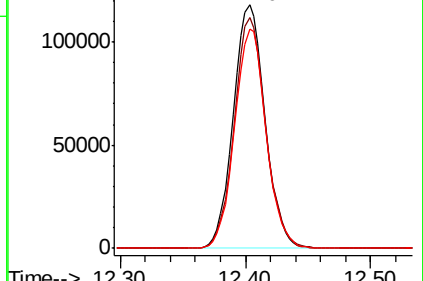


Abundance Ion 94.90 (94.60 to 95.60): VN051157.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051157.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051157.D (-3290) (-)

12.40



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

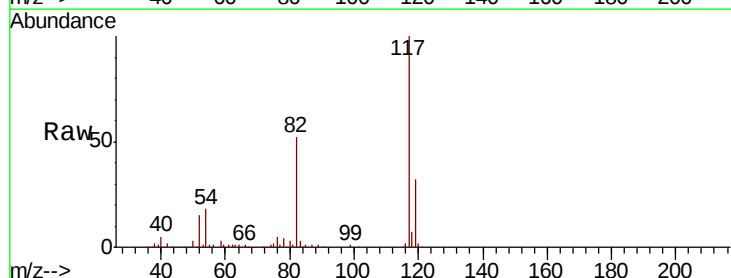
Tgt Ion: 117 Resp: 520311

Ion Ratio Lower Upper

117 100

82 52.1 41.8 62.6

119 31.8 26.2 39.2

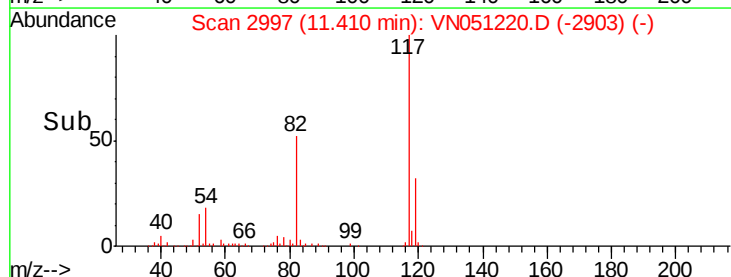
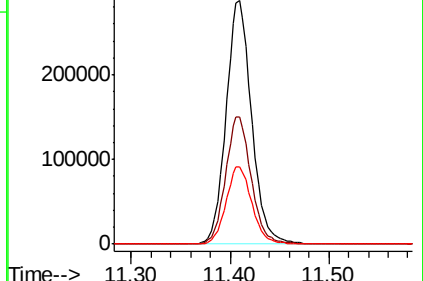


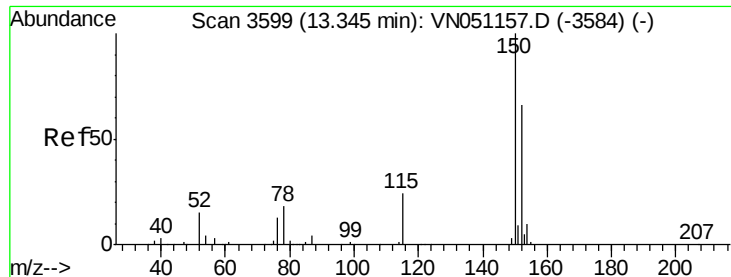
Abundance Ion 116.90 (116.60 to 117.60): VN051157.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051157.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051157.D (-2981) (-)

11.41





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

Instrument :

MSVOA_N

ClientSampleId :

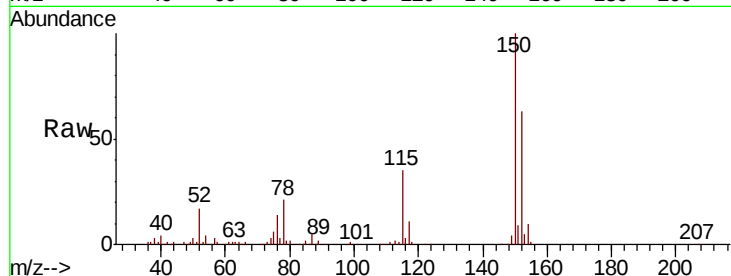
Tot Ion:152 Resp: 136640

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

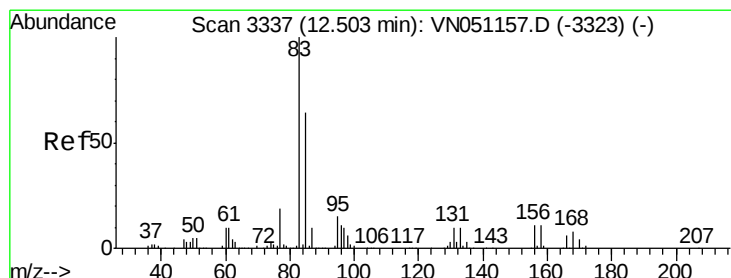
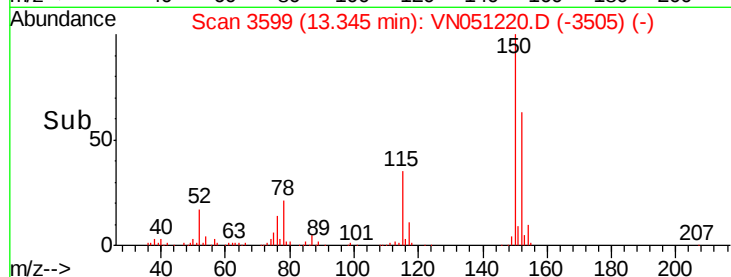
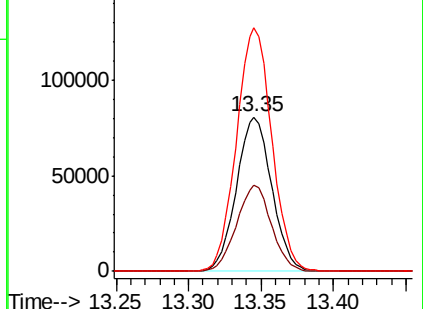
150 157.8 0.0 349.0



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: 12.51 min Scan# 3339

Delta R.T. 0.01 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

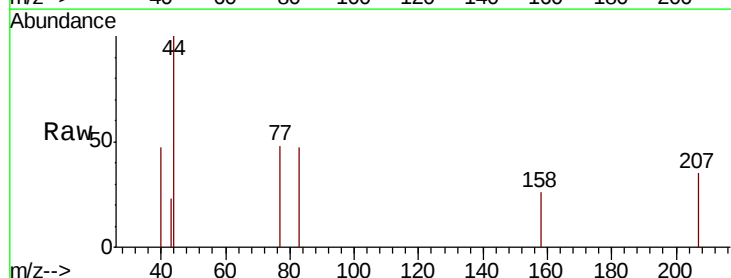
Tgt Ion: 83 Resp: 490

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

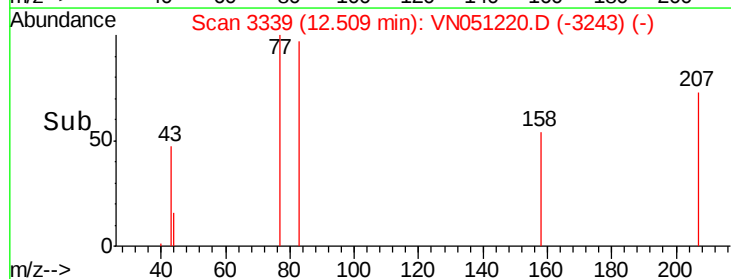
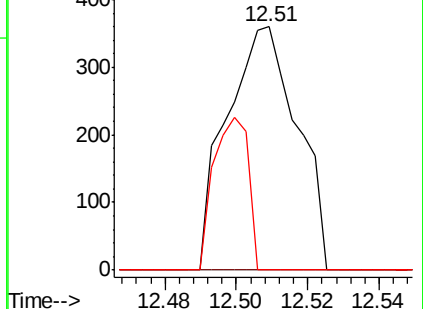
85 30.6 32.3 96.8#

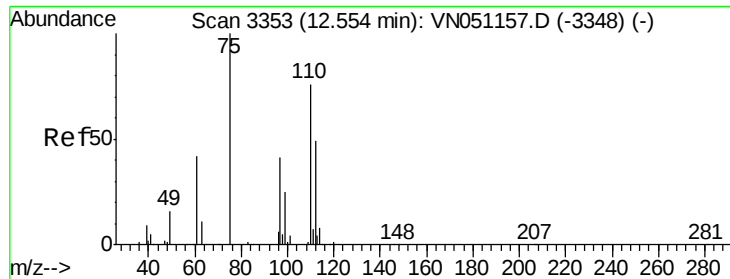


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V

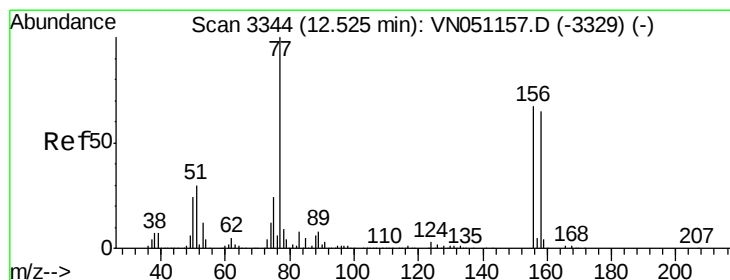
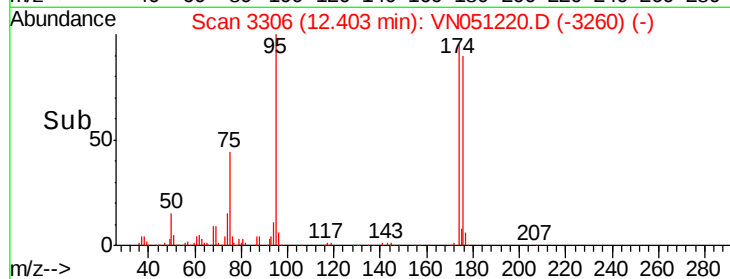
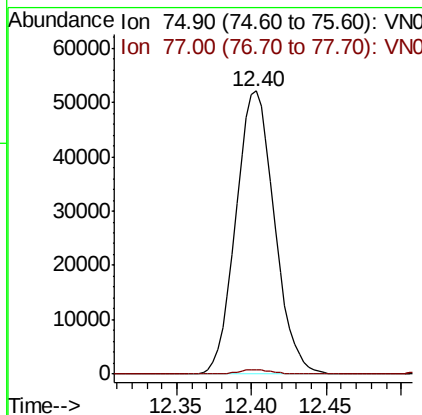
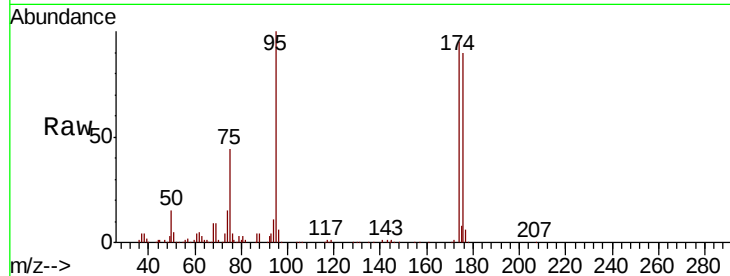




#76
 1,2,3-Trichloropropane
 Concen: 43.93 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

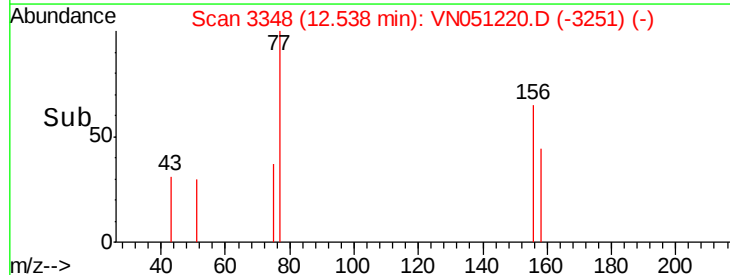
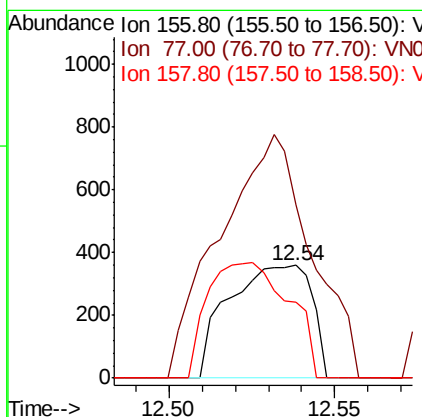
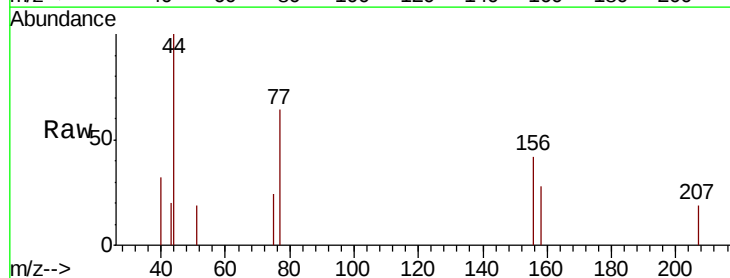
Instrument :
 MSVOA_N
 ClientSampled :

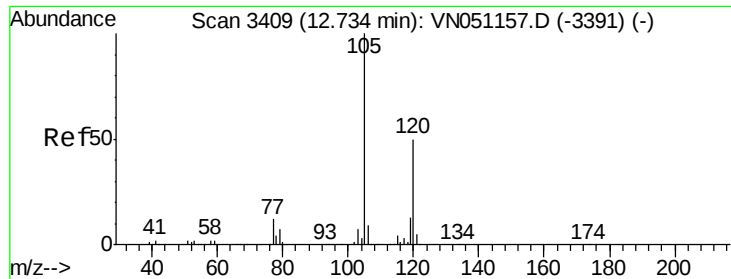
Tot Ion: 75 Resp: 93453
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#77
 Bromobenzene
 Concen: 0.20 ug/l
 RT: 12.54 min Scan# 3348
 Delta R.T. 0.01 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

Tgt Ion: 156 Resp: 625
 Ion Ratio Lower Upper
 156 100
 77 237.6 87.5 262.6
 158 100.0 49.0 147.2

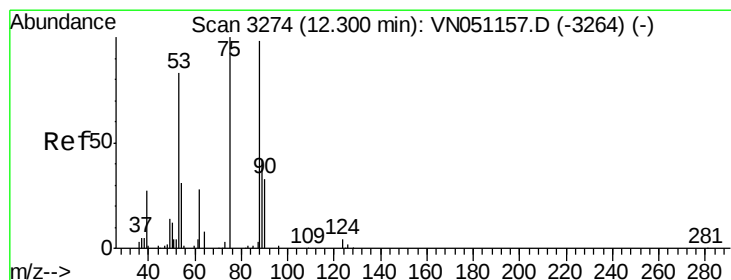
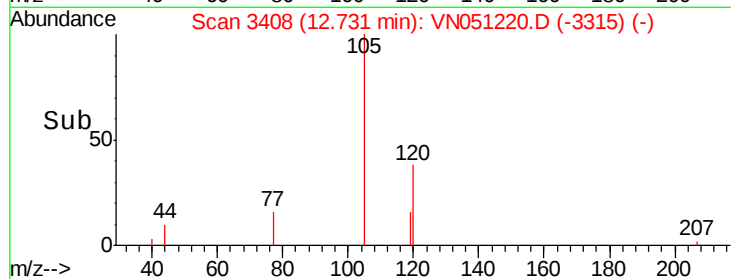
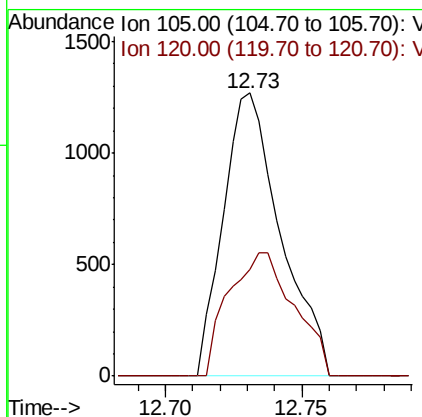
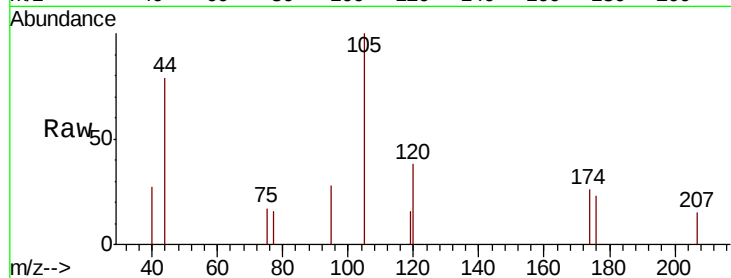




#80
 1,3,5-Trimethylbenzene
 Concen: 0.20 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

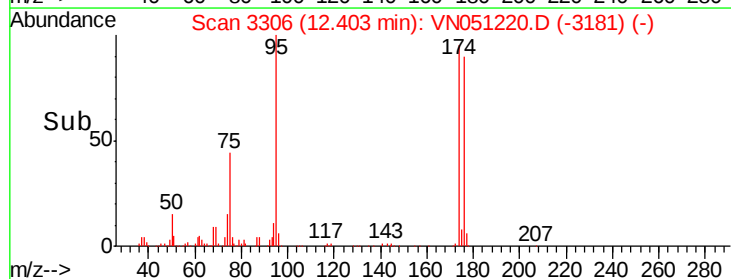
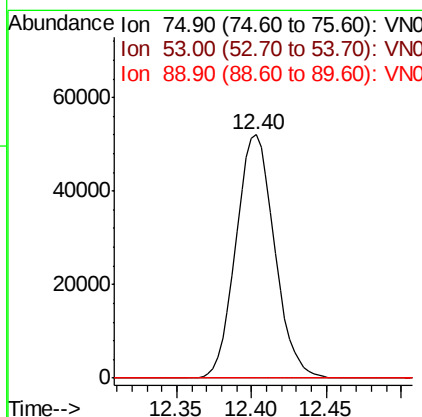
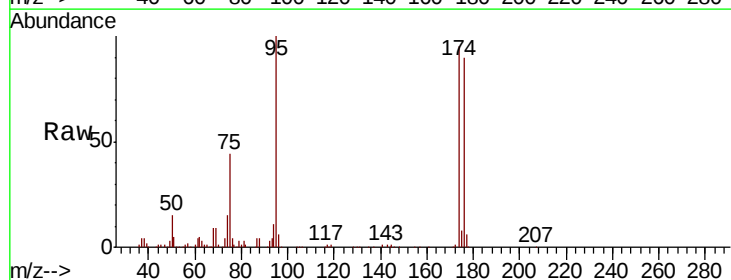
Instrument :
 MSVOA_N
 ClientSampled :

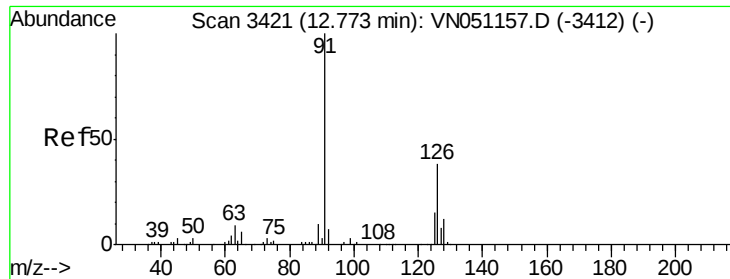
Tot Ion:105 Resp: 1861
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.89 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN051220.D
 Acq: 15 Sep 2018 14:16

Tgt Ion: 75 Resp: 93453
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.8 101.8#
 89 0.0 36.0 54.0#





#82

4-Chlorotoluene

Concen: 0.27 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. 0.01 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

Instrument :

MSVOA_N

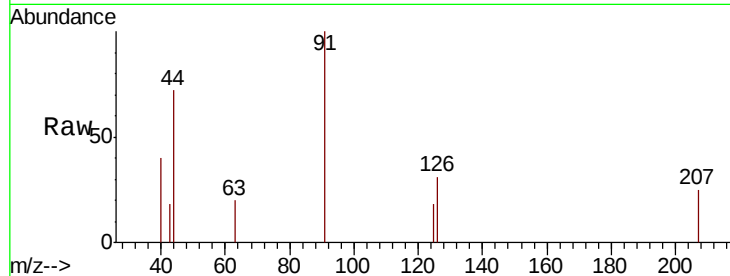
ClientSampleId :

Tot Ion: 91 Resp: 2090

Ion Ratio Lower Upper

91 100

126 31.1 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN051157.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN051157.D (-3412) (-)

12.78

1200

1000

800

600

400

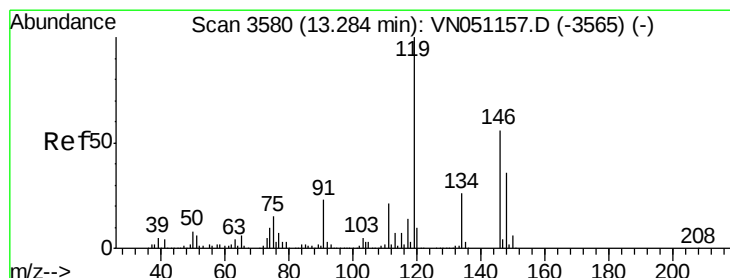
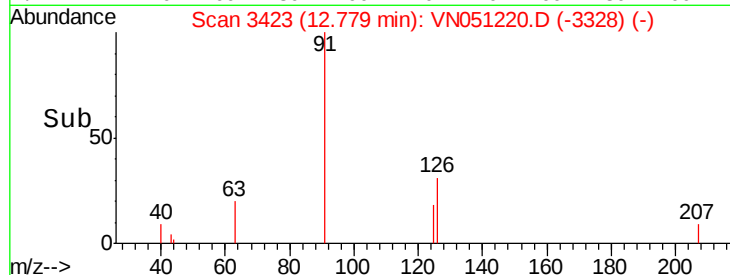
200

0

Time-->

12.75

12.80



#87

1,3-Dichlorobenzene

Concen: 0.35 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.01 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

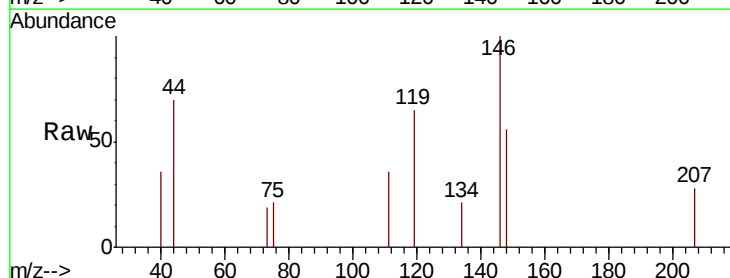
Tgt Ion: 146 Resp: 1826

Ion Ratio Lower Upper

146 100

111 33.2 19.1 57.1

148 60.3 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): VN051157.D (-3565) (-)

Ion 110.90 (110.60 to 111.60): VN051157.D (-3565) (-)

Ion 147.90 (147.60 to 148.60): VN051157.D (-3565) (-)

13.29

1500

1000

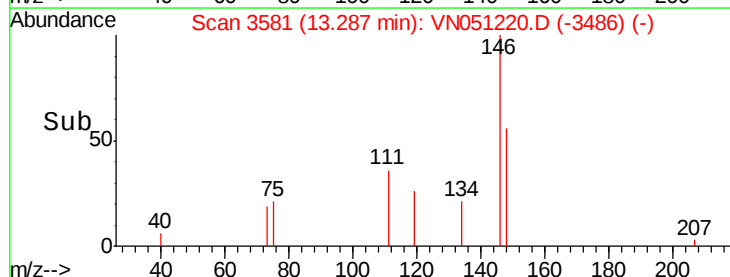
500

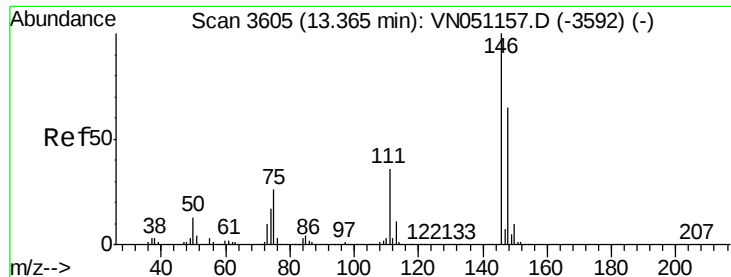
0

Time-->

13.25

13.30





#88

1,4-Dichlorobenzene

Concen: 0.39 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.07 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

Instrument :

MSVOA_N

ClientSampled :

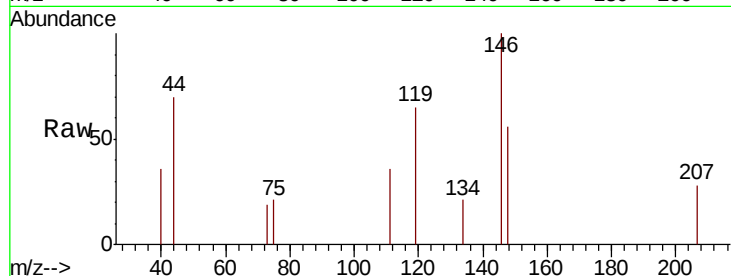
Tot Ion:146 Resp: 1826

Ion Ratio Lower Upper

146 100

111 33.2 18.4 55.0

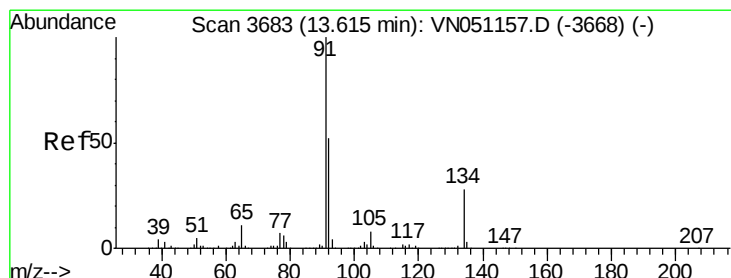
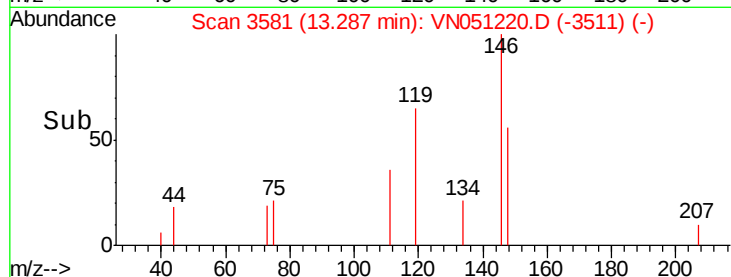
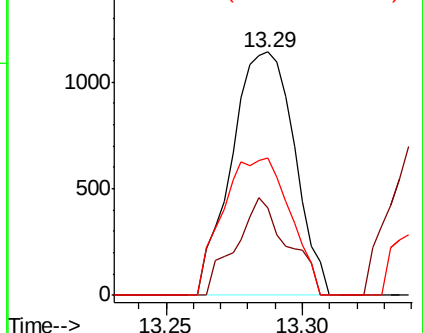
148 60.3 32.2 96.6



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: 0.30 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

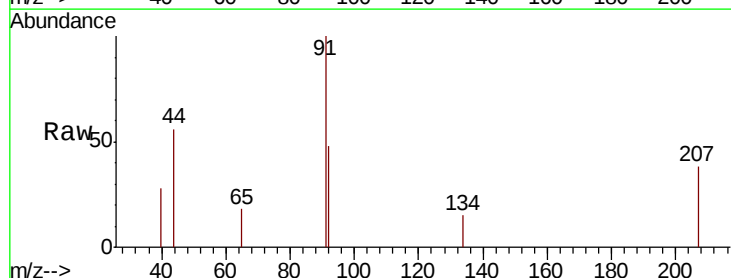
Tgt Ion: 91 Resp: 2086

Ion Ratio Lower Upper

91 100

92 40.1 26.2 78.6

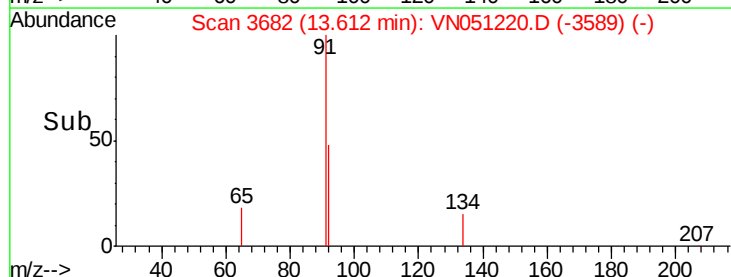
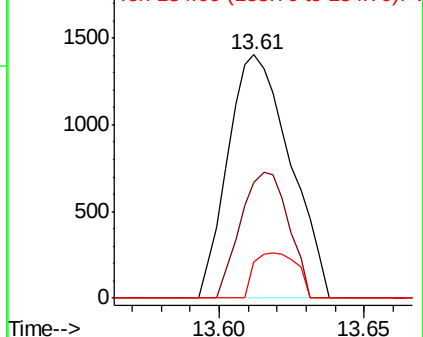
134 12.8 13.7 41.1#

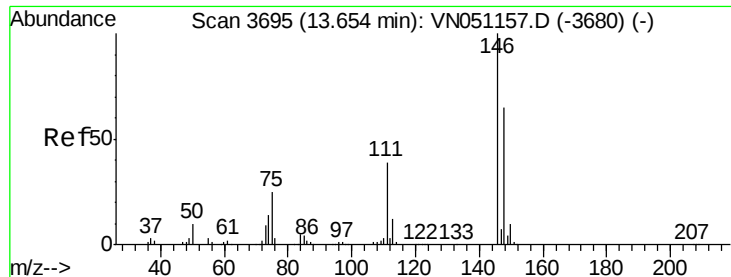


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#91

1,2-Dichlorobenzene

Concen: 0.42 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.01 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

Instrument :

MSVOA_N

ClientSampleId :

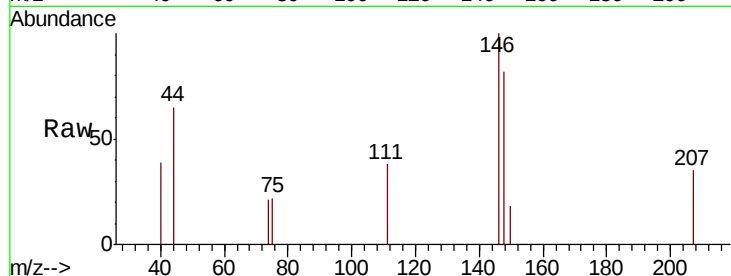
Tot Ion:146 Resp: 2136

Ion Ratio Lower Upper

146 100

111 35.1 19.7 59.0

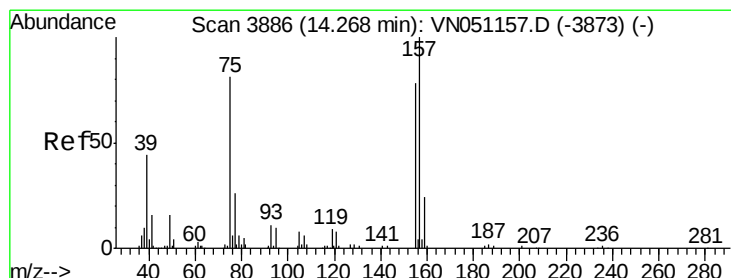
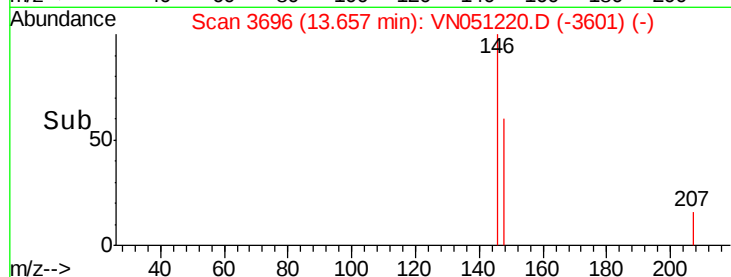
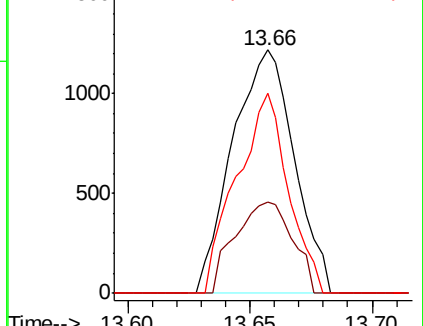
148 68.7 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.82 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

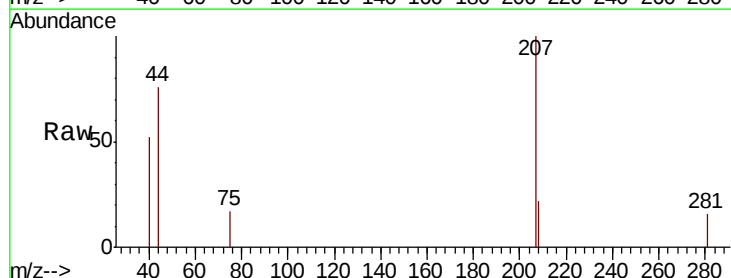
Tgt Ion: 75 Resp: 65

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

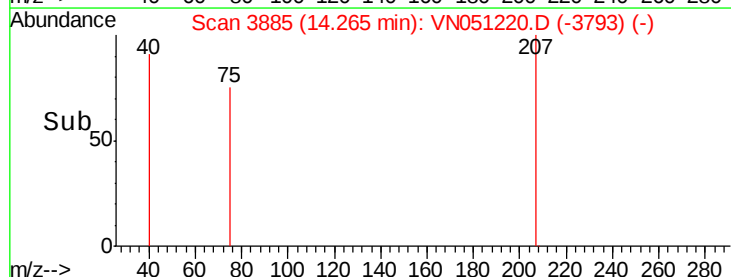
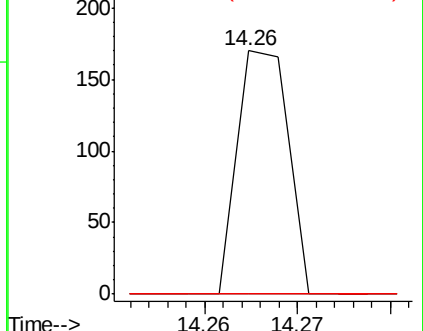
157 0.0 63.6 190.9#

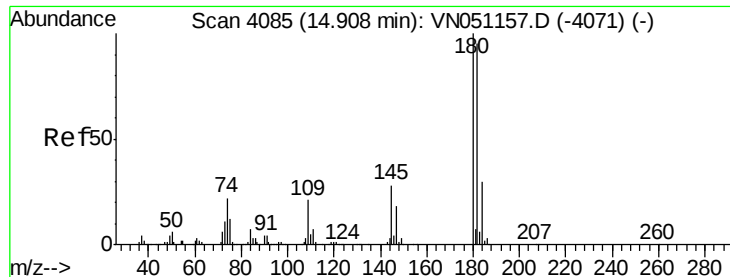


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 5.01 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

Instrument :

MSVOA_N

ClientSampleId :

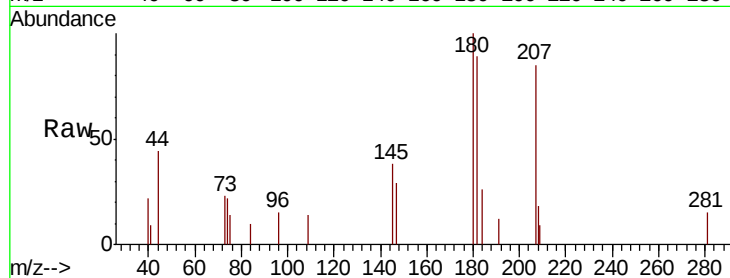
Tot Ion:180 Resp: 2757

Ion Ratio Lower Upper

180 100

182 89.1 47.3 141.8

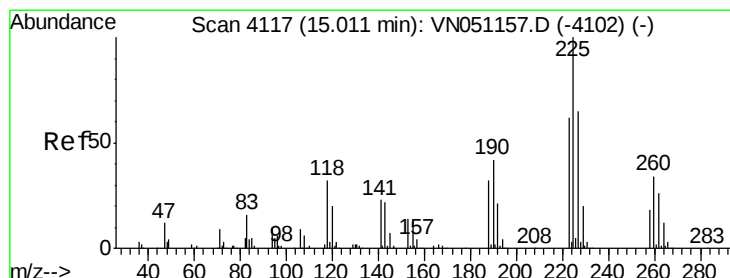
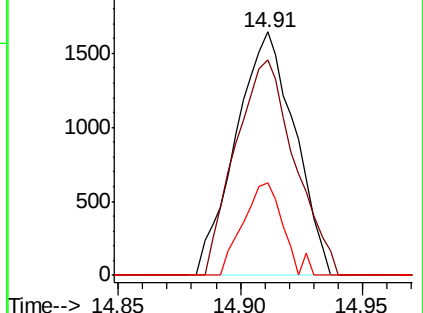
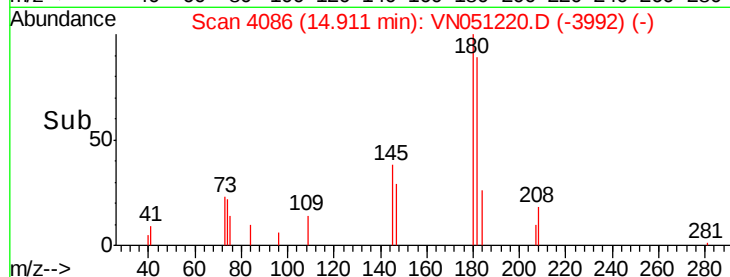
145 25.6 14.2 42.6



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# 4116

Delta R.T. 0.00 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

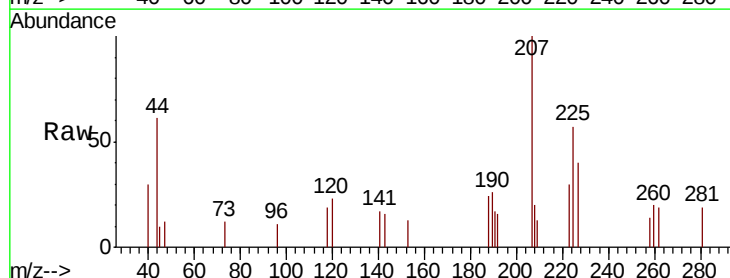
Tgt Ion:225 Resp: 1509

Ion Ratio Lower Upper

225 100

223 59.6 31.4 94.0

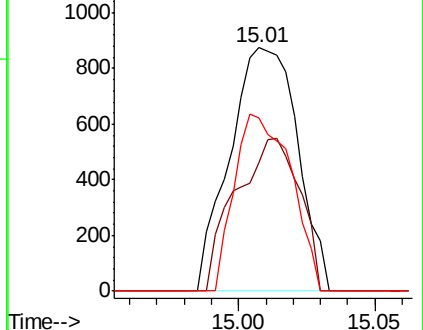
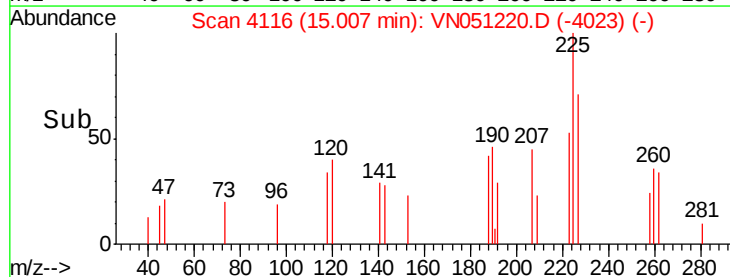
227 60.9 32.1 96.3

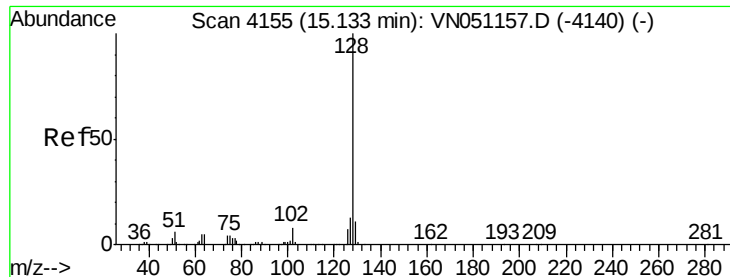


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 6.33 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

Instrument :

MSVOA_N

ClientSampled :

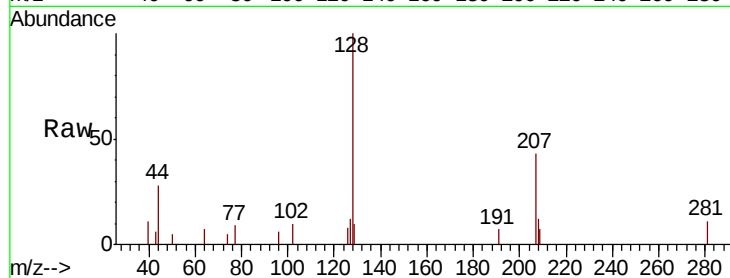
Tot Ion:128 Resp: 5680

Ion Ratio Lower Upper

128 100

127 7.4 10.6 15.8#

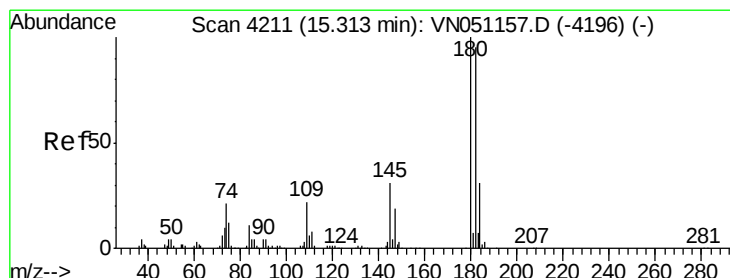
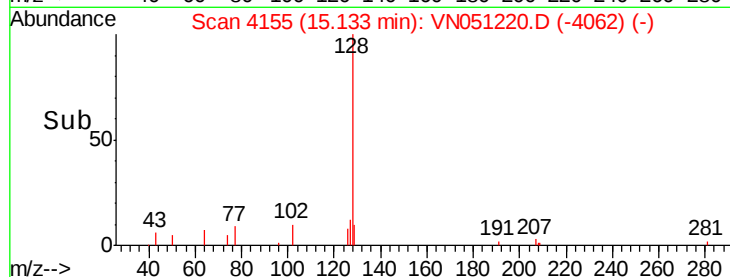
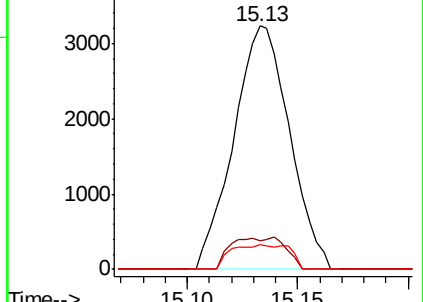
129 10.6 8.6 12.8



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: 4.09 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051220.D

Acq: 15 Sep 2018 14:16

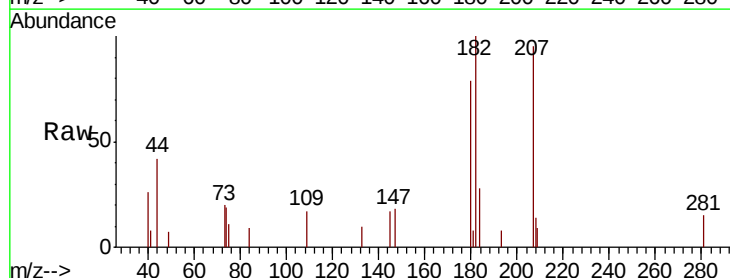
Tgt Ion:180 Resp: 2852

Ion Ratio Lower Upper

180 100

182 106.6 47.8 143.3

145 25.0 14.6 43.8



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

