

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091318\
 Data File : VN051170.D
 Acq On : 13 Sep 2018 15:19
 Operator : MD\SY
 Sample : PB112798ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112798ZHE#04

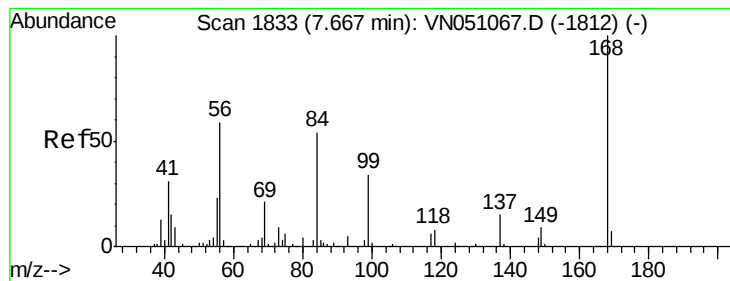
Quant Time: Sep 14 01:06:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	569227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	892017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	777214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	220775	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	347763	54.90	ug/l	0.00
Spiked Amount			Recovery	=	109.80%	
35) Dibromofluoromethane	7.59	113	339745	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
50) Toluene-d8	10.09	98	1233313	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
62) 4-Bromofluorobenzene	12.40	95	321800	38.25	ug/l	0.00
Spiked Amount			Recovery	=	76.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2614	Below Cal		96
5) Bromomethane	2.57	94	2565	Below Cal		95
10) Methyl Iodide	3.95	142	520	5.71	ug/l #	65
13) Acrolein	3.62	56	246	24.66	ug/l #	27
16) Acetone	3.83	43	17044	5.16	ug/l	99
17) Carbon Disulfide	4.05	76	4693	0.37	ug/l #	76
18) Methyl Acetate	4.34	43	9834	1.94	ug/l #	83
20) Methylene Chloride	4.55	84	10328	1.48	ug/l	95
25) 2-Butanone	6.85	43	2866	1.15	ug/l #	80
29) Tetrahydrofuran	7.23	42	926	0.60	ug/l #	55
31) Cyclohexane	7.66	56	9557	0.69	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	36817	3.76	ug/l #	48
38) Carbon Tetrachloride	7.67	117	48643	5.05	ug/l #	17
43) Isopropyl Acetate	8.17	43	249072	24.89	ug/l #	87
48) Methyl methacrylate	9.18	41	6908	1.42	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	2743	0.50	ug/l	96
56) Ethyl methacrylate	10.42	69	235	2.48	ug/l #	74
59) 2-Hexanone	10.76	43	17104	4.56	ug/l	61
75) 1,1,2,2-Tetrachloroethane	12.50	83	502	Below Cal	#	45
76) 1,2,3-Trichloropropane	12.40	75	146834	42.68	ug/l #	100
77) Bromobenzene	12.53	156	1037	0.21	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	4700	0.31	ug/l	90
81) trans-1,4-Dichloro-2-buten	12.40	75	146834	126.31	ug/l #	15
87) 1,3-Dichlorobenzene	13.28	146	2262	0.27	ug/l	93
88) 1,4-Dichlorobenzene	13.28	146	2262	0.30	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	2228	0.27	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.28	75	30	0.70	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	3060	4.69	ug/l	85
94) Hexachlorobutadiene	15.01	225	1439	Below Cal		94
95) Naphthalene	15.13	128	6817	6.07	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.31	180	3069	3.71	ug/l	92

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

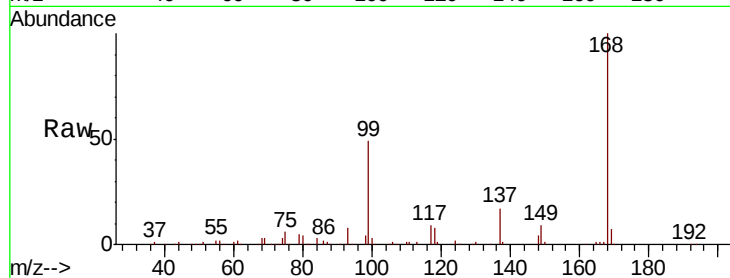


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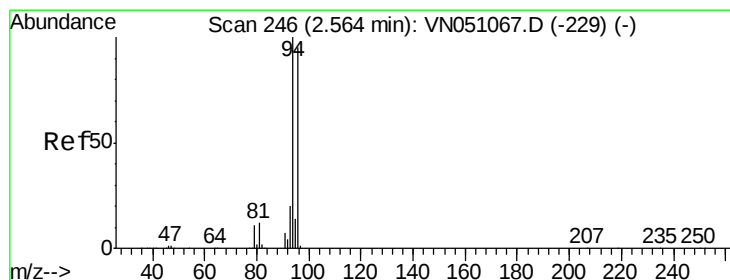
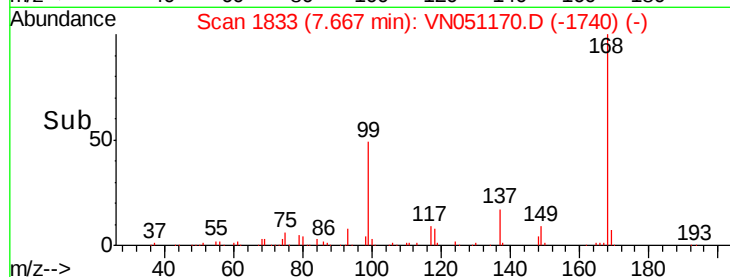
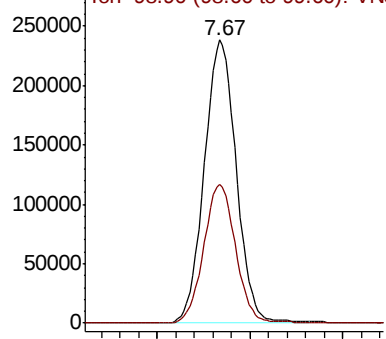
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112798ZHE#04

Tot Ion:168 Resp: 569227
 Ion Ratio Lower Upper
 168 100
 99 49.0 38.3 57.5



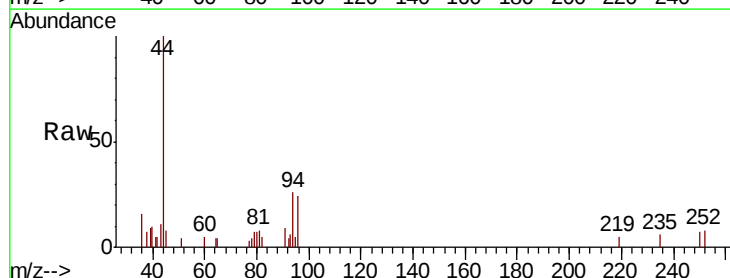
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VN



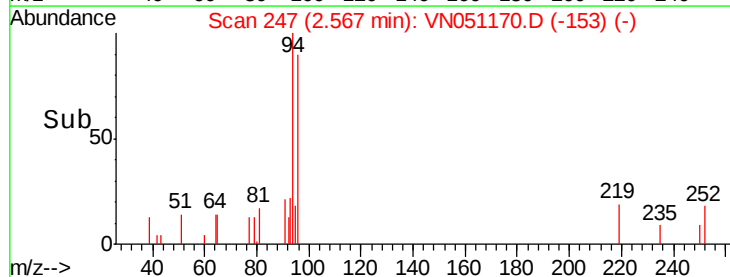
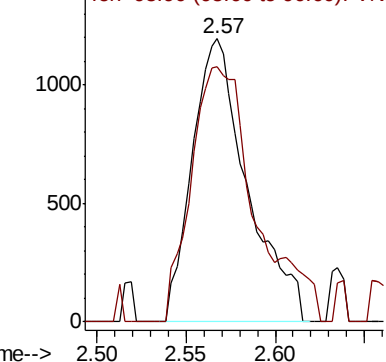
#5

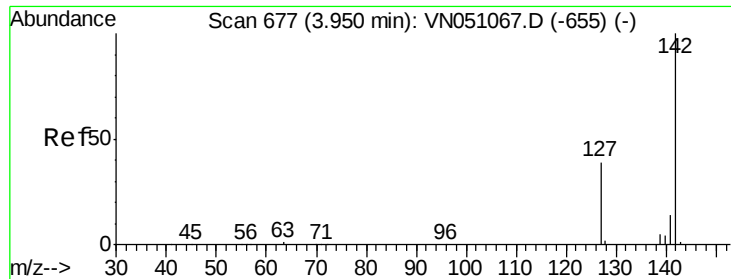
Bromomethane
 Concen: Below Cal
 RT: 2.57 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

Tgt Ion: 94 Resp: 2565
 Ion Ratio Lower Upper
 94 100
 96 90.0 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN
 Ion 95.90 (95.60 to 96.60): VN

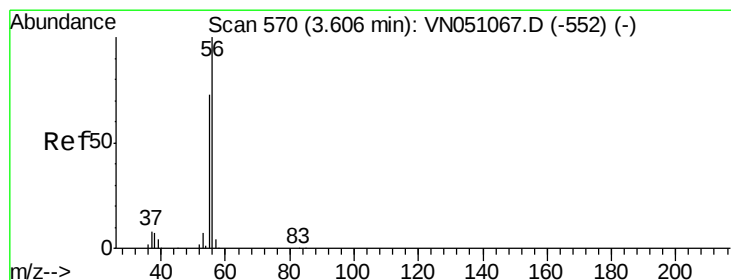
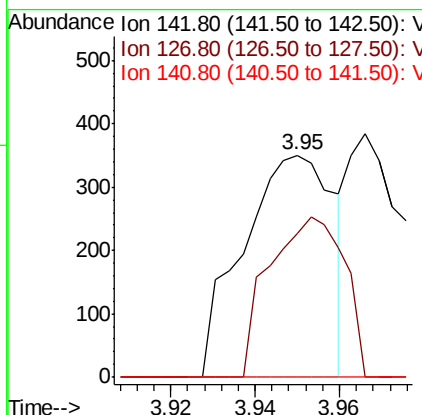
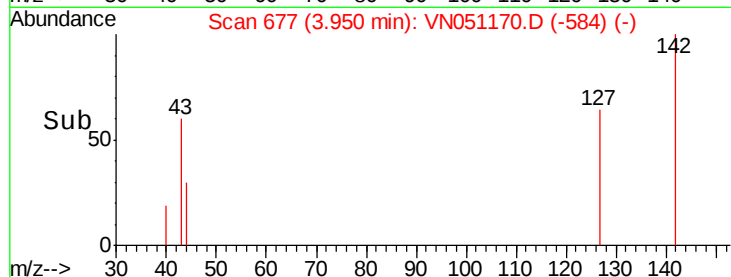
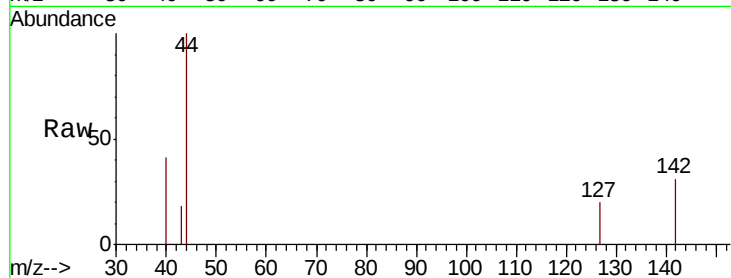




#10
Methvl Iodide
Concen: 5.71 ug/l
RT: 3.95 min Scan# 677
Delta R.T. 0.00 min
Lab File: VN051170.D
Acq: 13 Sep 2018 15:19

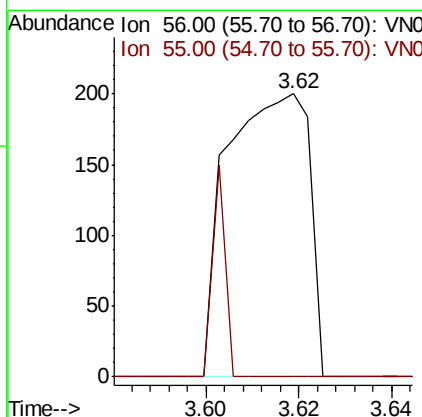
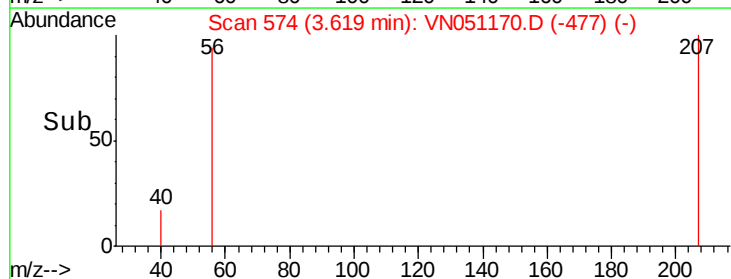
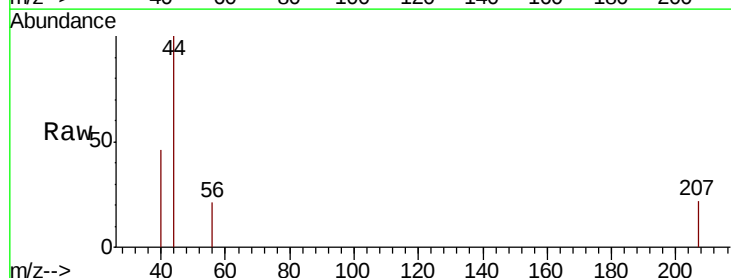
Instrument :
MSVOA_N
ClientSampleId :
PB112798ZHE#04

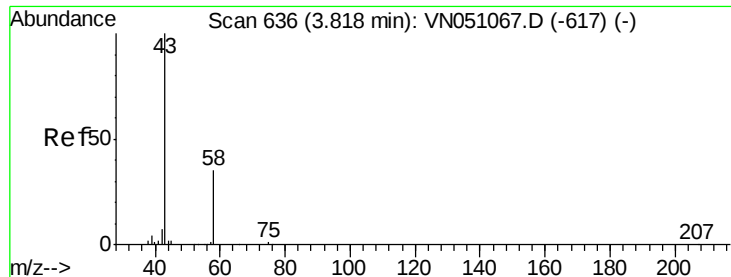
Tot Ion:142 Resp: 520
Ion Ratio Lower Upper
142 100
127 60.2 31.0 46.4#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 24.66 ug/l
RT: 3.62 min Scan# 574
Delta R.T. 0.01 min
Lab File: VN051170.D
Acq: 13 Sep 2018 15:19

Tgt Ion: 56 Resp: 246
Ion Ratio Lower Upper
56 100
55 11.8 58.0 87.0#





#16

Acetone

Concen: 5.16 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

Instrument :

MSVOA_N

ClientSampleId :

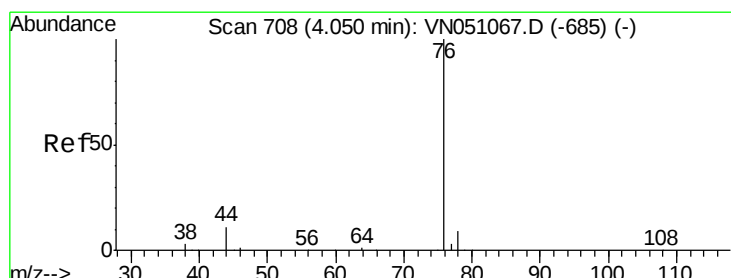
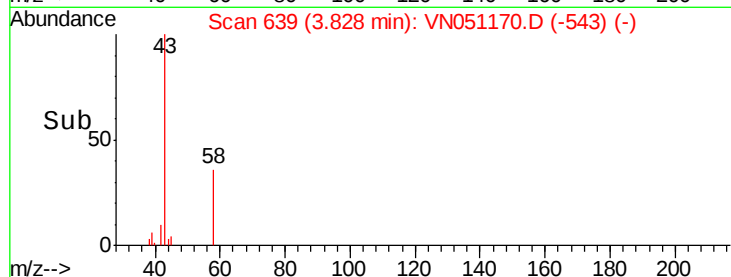
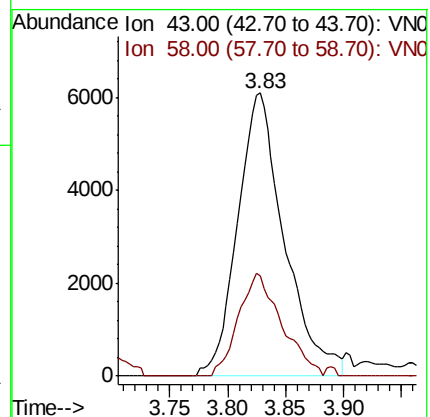
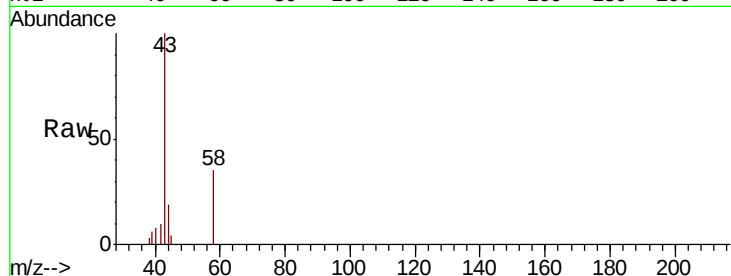
PB112798ZHE#04

Tot Ion: 43 Resp: 17044

Ion Ratio Lower Upper

43 100

58 35.2 27.8 41.6



#17

Carbon Disulfide

Concen: 0.37 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051170.D

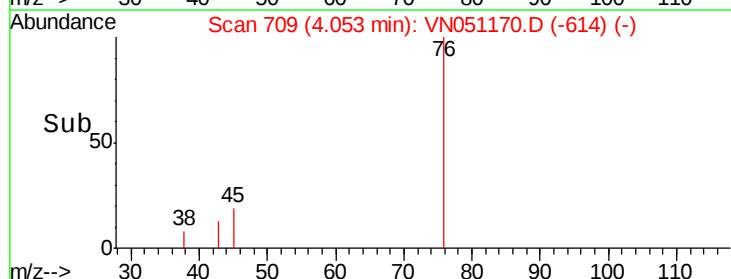
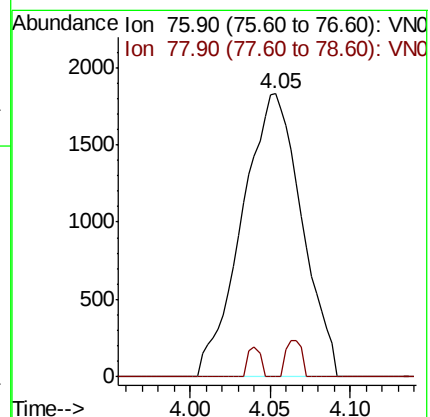
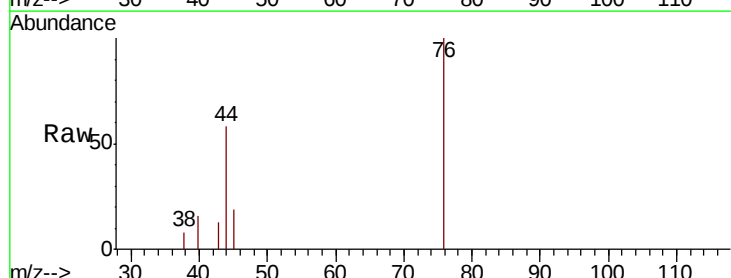
Acq: 13 Sep 2018 15:19

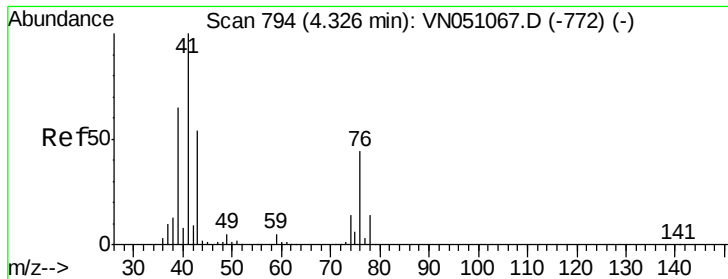
Tgt Ion: 76 Resp: 4693

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#

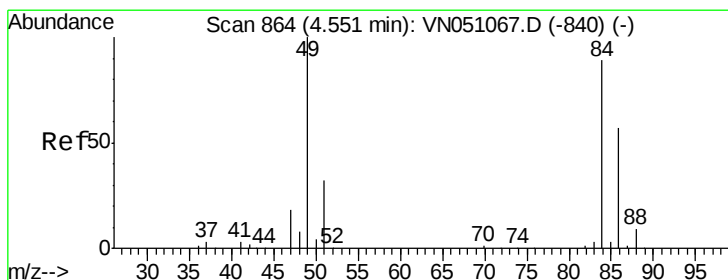
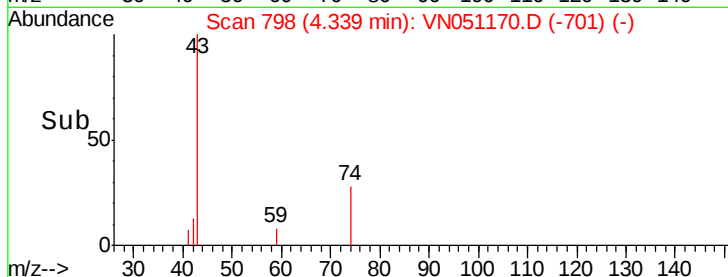
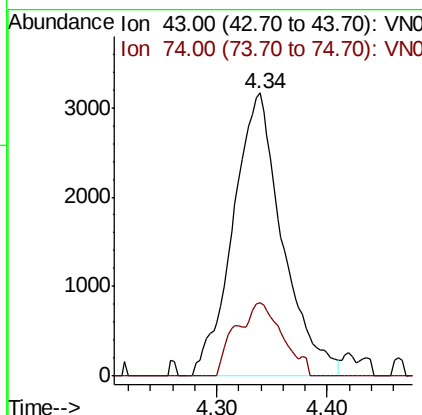
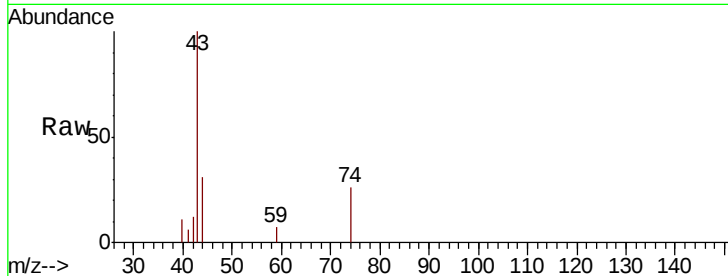




#18
Methyl Acetate
Concen: 1.94 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051170.D
Acq: 13 Sep 2018 15:19

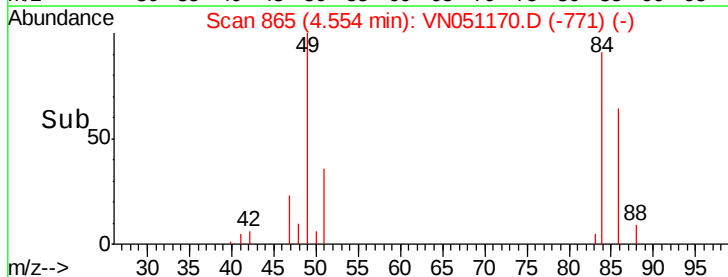
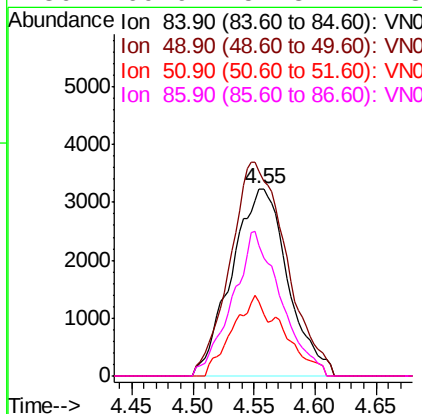
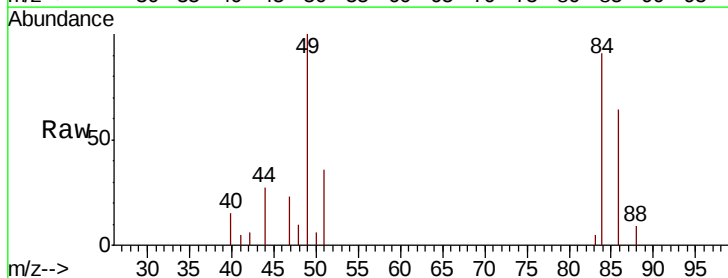
Instrument :
MSVOA_N
ClientSampleId :
PB112798ZHE#04

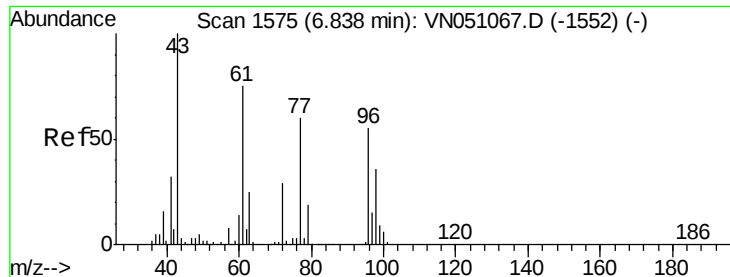
Tot Ion: 43 Resp: 9834
Ion Ratio Lower Upper
43 100
74 17.0 20.7 31.1#



#20
Methylene Chloride
Concen: 1.48 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051170.D
Acq: 13 Sep 2018 15:19

Tgt Ion: 84 Resp: 10328
Ion Ratio Lower Upper
84 100
49 109.5 90.2 135.2
51 39.8 28.4 42.6
86 69.9 51.8 77.8





#25

2-Butanone

Concen: 1.15 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.01 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

Instrument :

MSVOA_N

ClientSampleId :

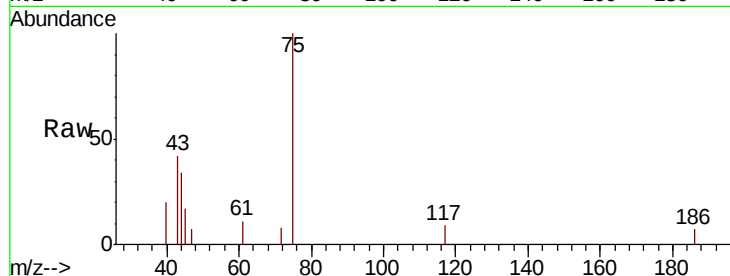
PB112798ZHE#04

Tot Ion: 43 Resp: 2866

Ion Ratio Lower Upper

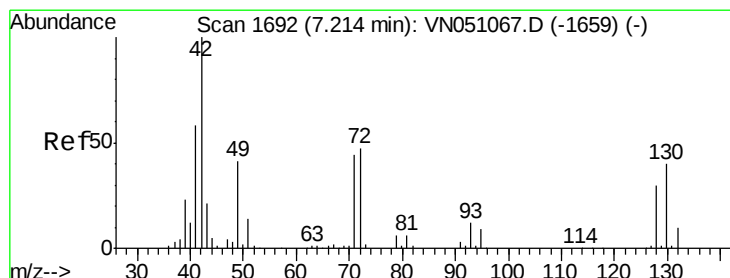
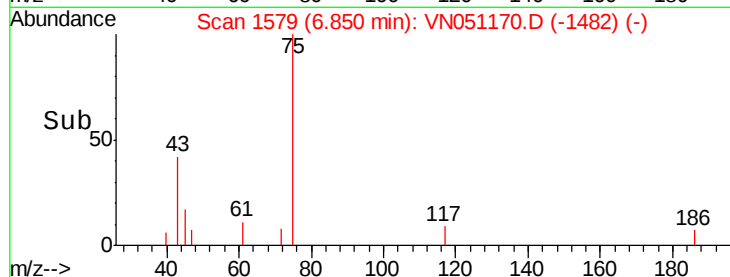
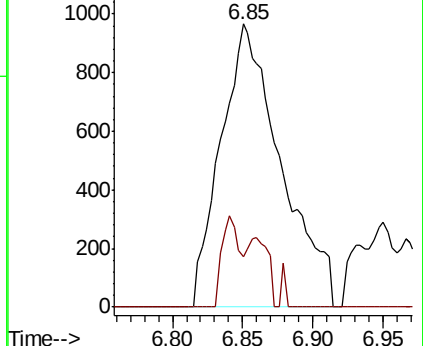
43 100

72 18.0 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 72.00 (71.70 to 72.70): VNC



#29

Tetrahydrofuran

Concen: 0.60 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.02 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

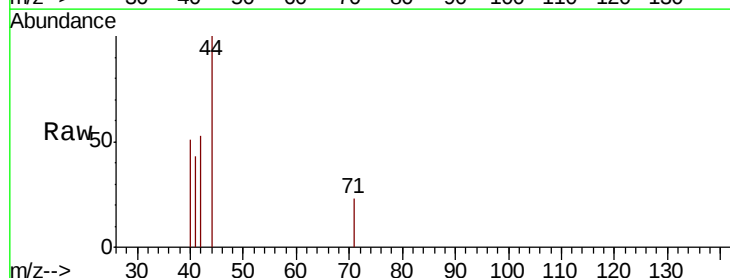
Tgt Ion: 42 Resp: 926

Ion Ratio Lower Upper

42 100

72 0.0 37.4 56.0#

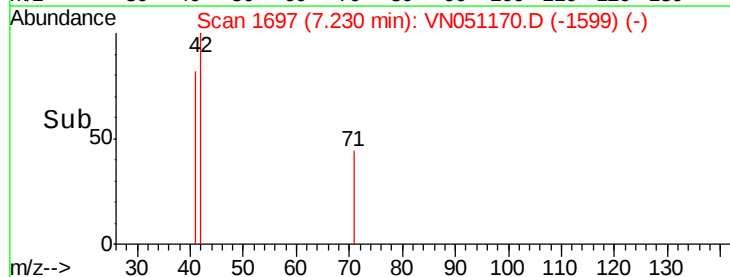
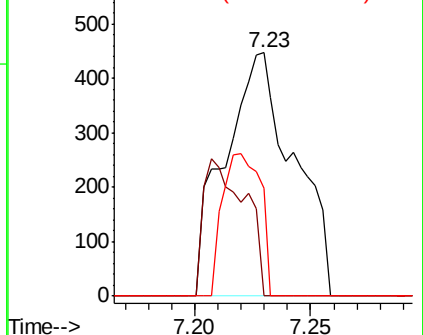
71 32.3 34.7 52.1#

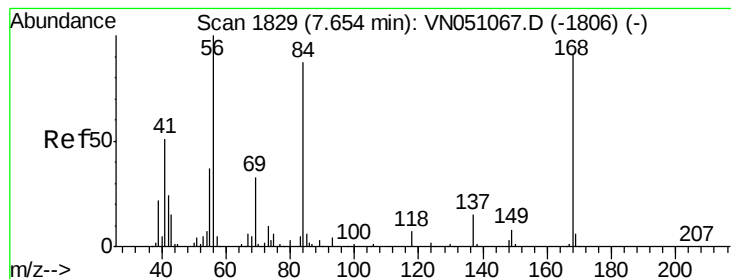


Abundance Ion 42.00 (41.70 to 42.70): VNC

Ion 72.00 (71.70 to 72.70): VNC

Ion 71.00 (70.70 to 71.70): VNC





#31

Cyclohexane

Concen: 0.69 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

Instrument :

MSVOA_N

ClientSampleID :

PB112798ZHE#04

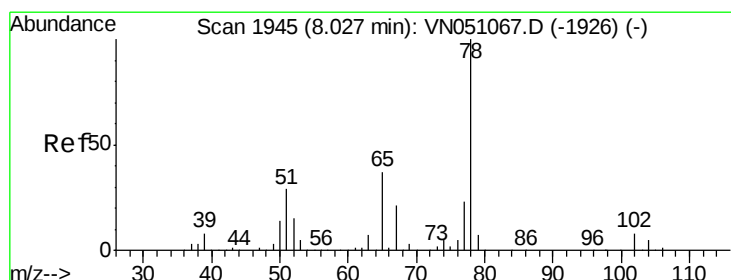
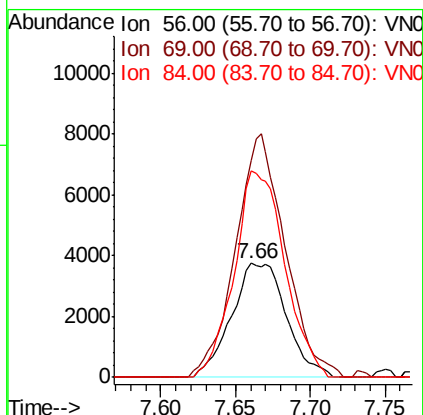
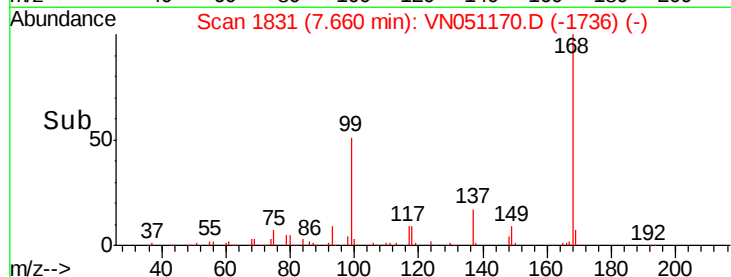
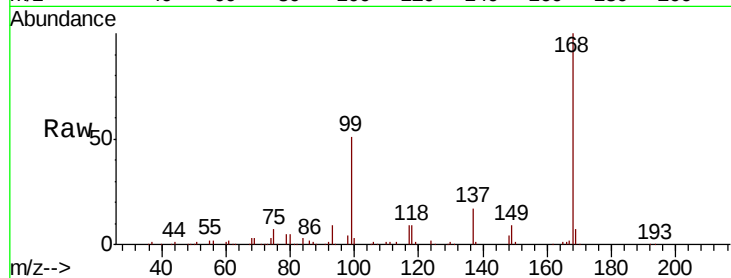
Tot Ion: 56 Resp: 9557

Ion Ratio Lower Upper

56 100

69 189.4 26.3 39.5#

84 180.9 69.4 104.0#



#33

1,2-Dichloroethane-d4

Concen: 54.90 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051170.D

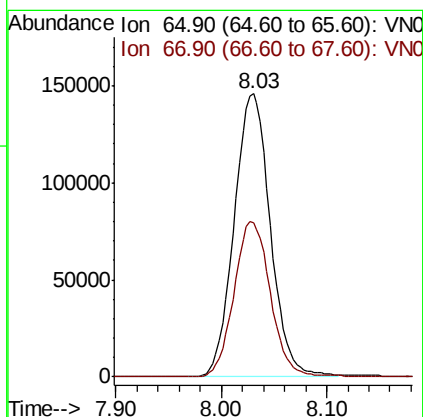
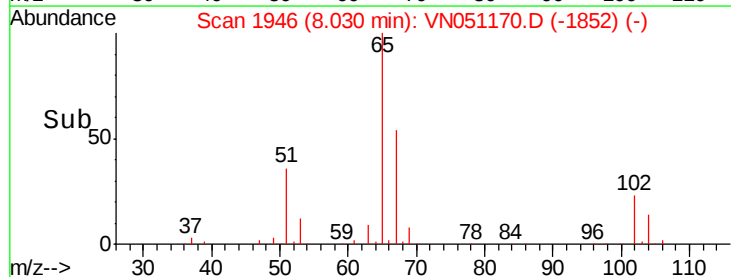
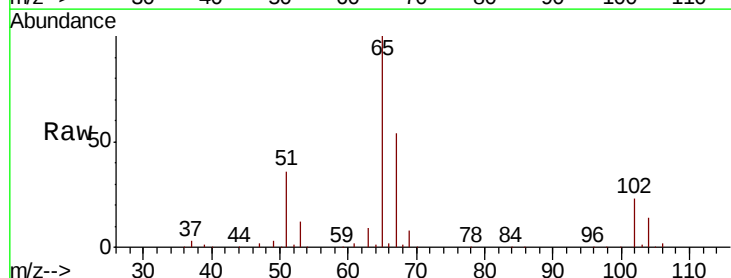
Acq: 13 Sep 2018 15:19

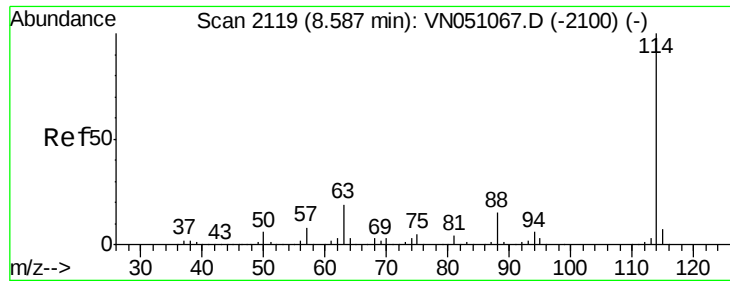
Tgt Ion: 65 Resp: 347763

Ion Ratio Lower Upper

65 100

67 55.4 0.0 112.0

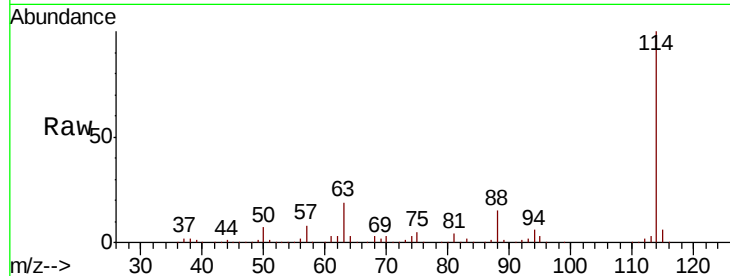




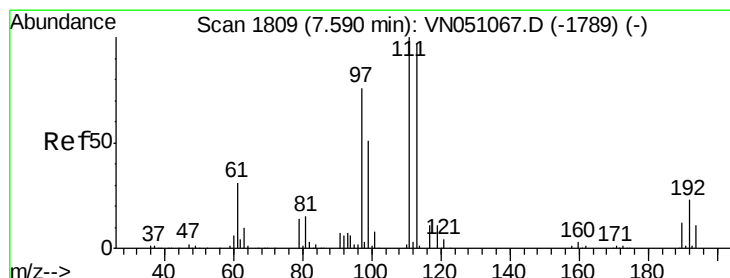
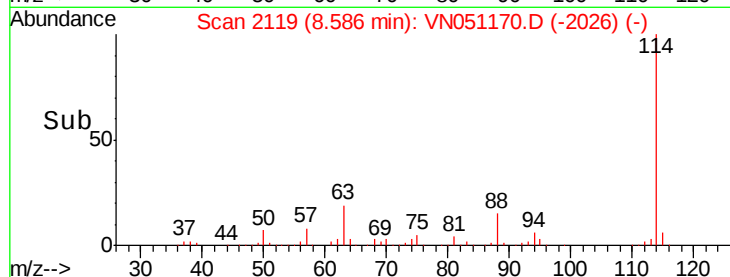
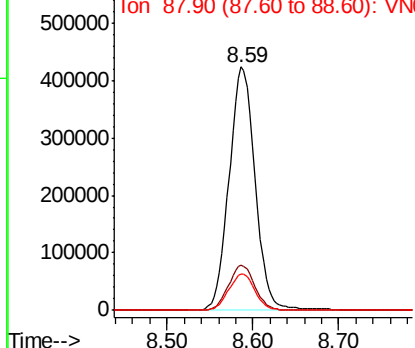
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112798ZHE#04

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	37.8
88	14.7	0.0	30.8

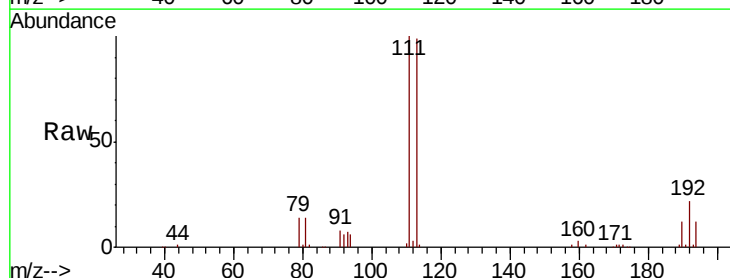


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

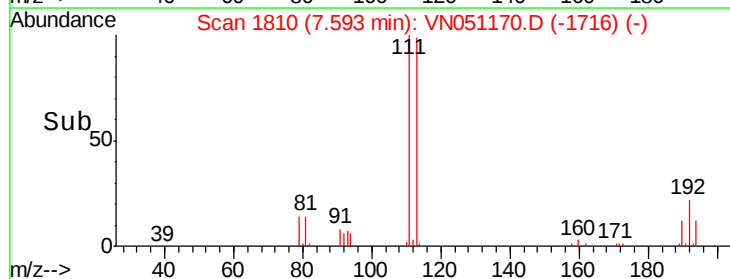
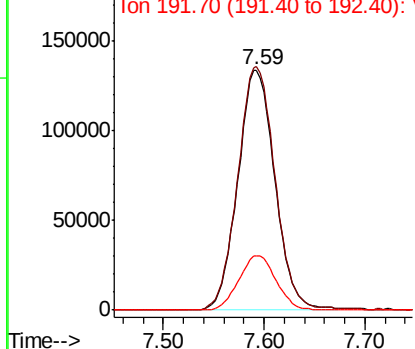


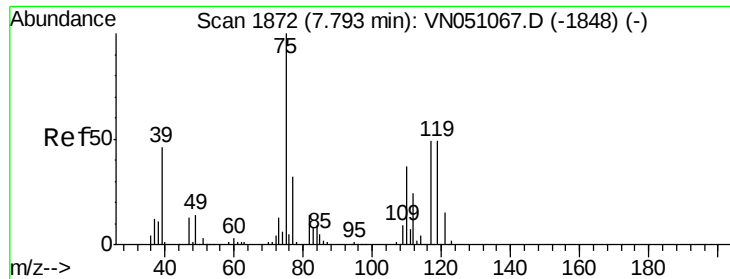
#35
 Dibromofluoromethane
 Concen: 50.69 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.6
192	22.9	18.7	28.1



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

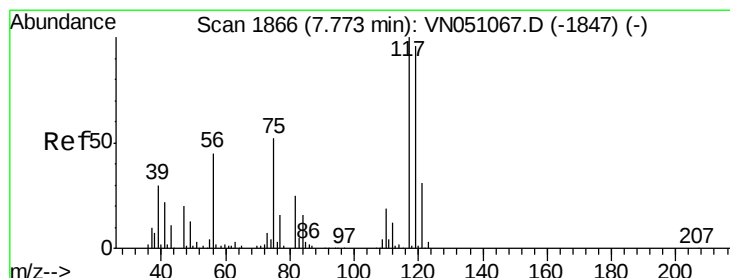
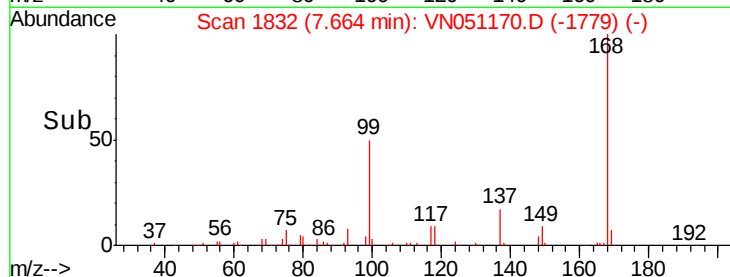
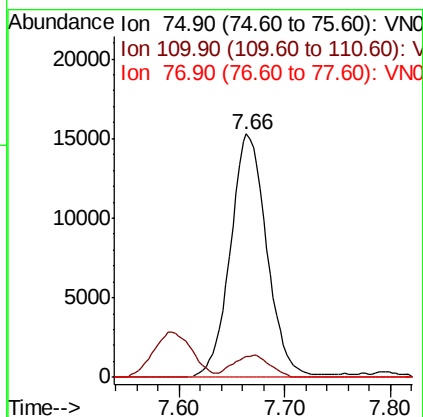
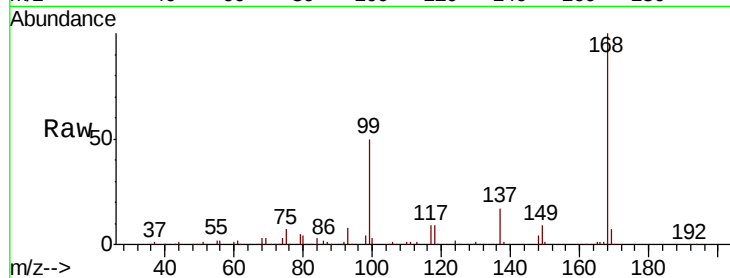




#36
 1,1-Dichloropropene
 Concen: 3.76 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

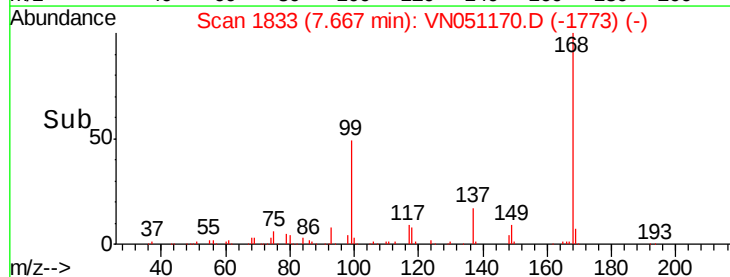
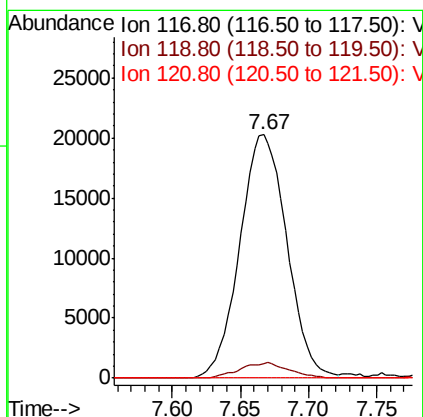
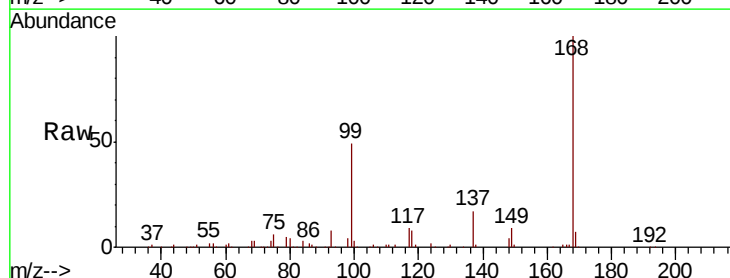
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112798ZHE#04

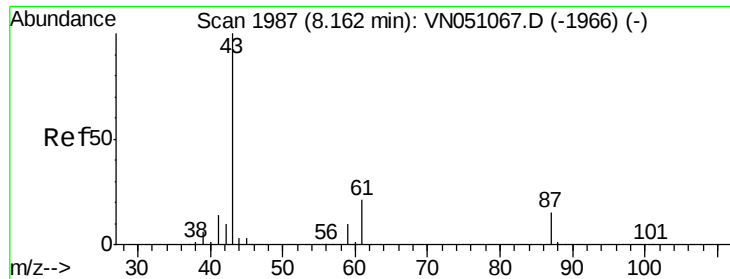
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.6	55.8#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.05 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.8	115.2#
121	0.0	24.6	36.8#



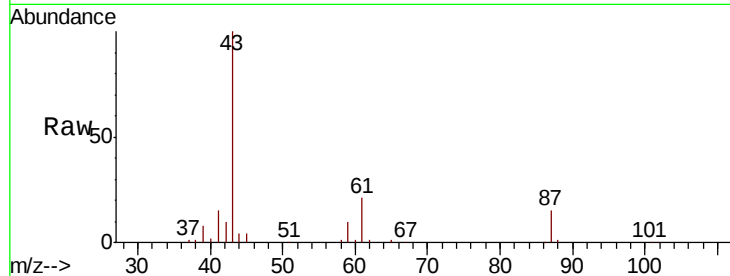


#43

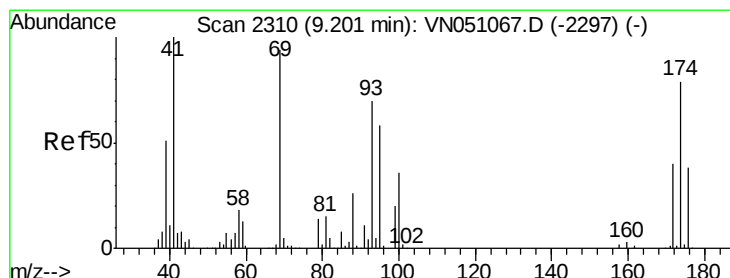
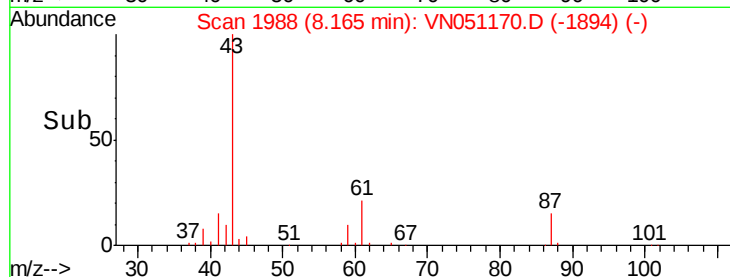
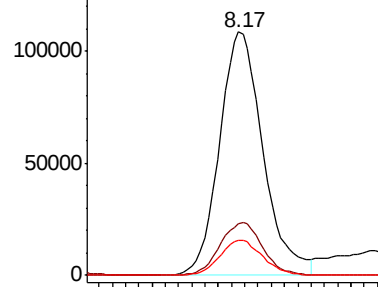
Isopropyl Acetate
 Concen: 24.89 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112798ZHE#04

Tot Ion: 43 Resp: 249072
 Ion Ratio Lower Upper
 43 100
 61 21.3 25.0 37.6#
 87 14.1 11.8 17.8



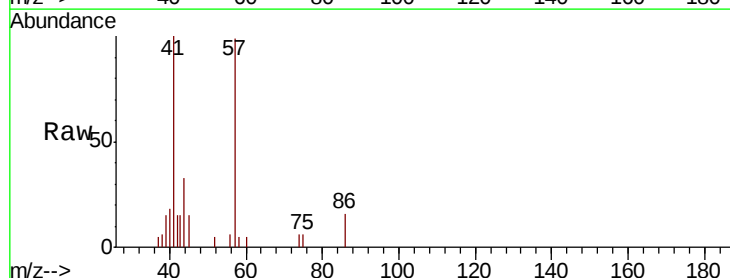
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



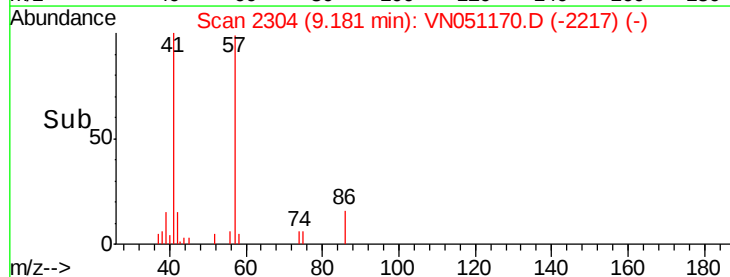
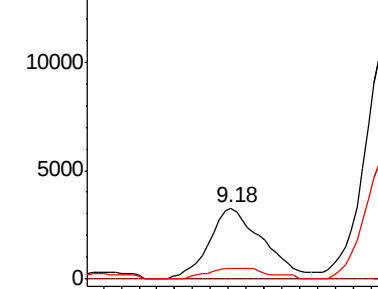
#48

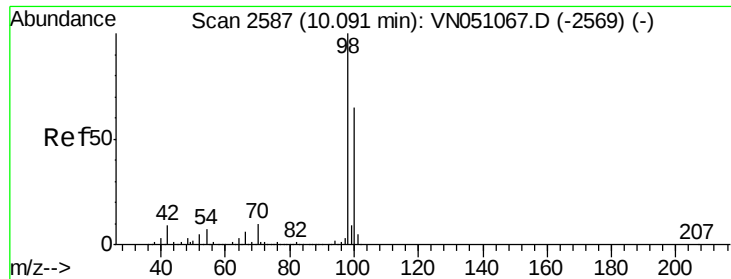
Methyl methacrylate
 Concen: 1.42 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

Tgt Ion: 41 Resp: 6908
 Ion Ratio Lower Upper
 41 100
 69 0.0 77.7 116.5#
 39 15.6 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

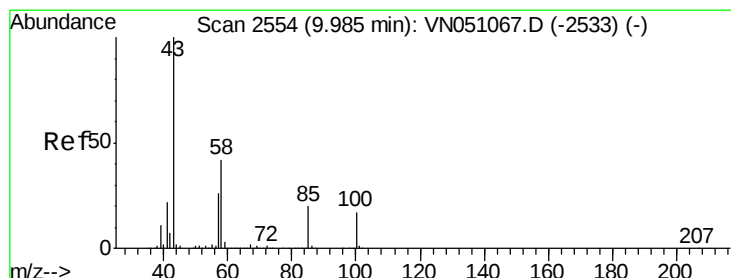
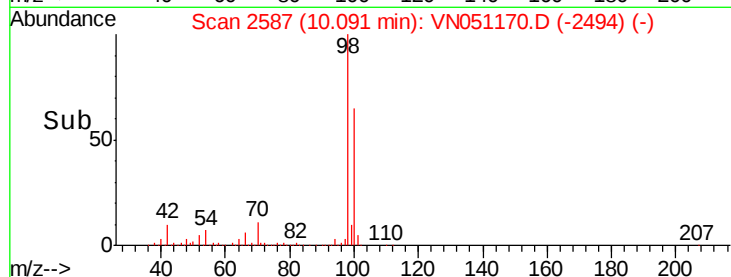
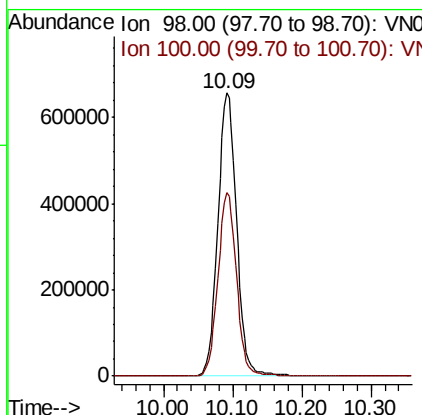
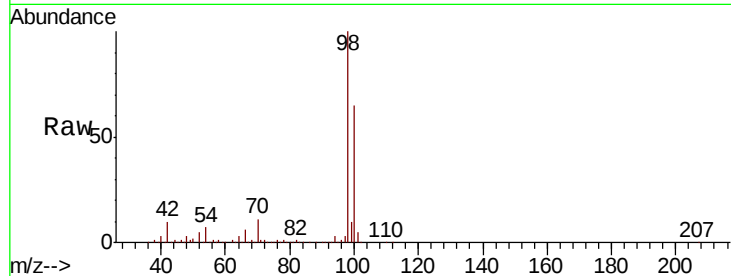




#50
Toluene-d8
Concen: 48.49 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051170.D
Acq: 13 Sep 2018 15:19

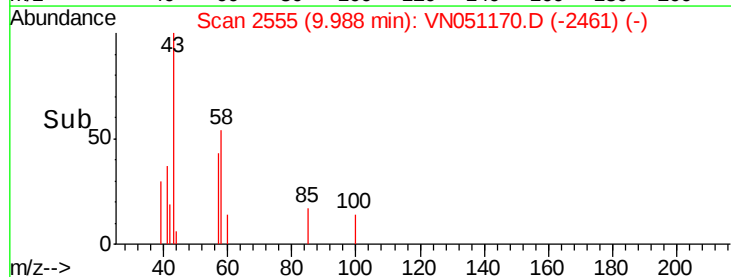
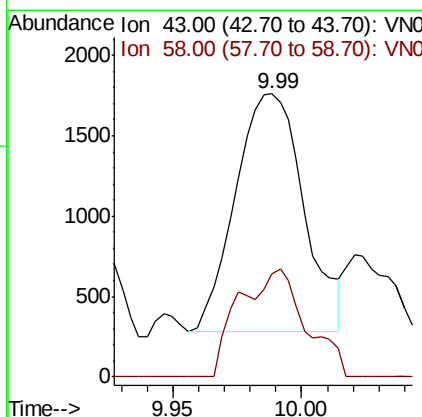
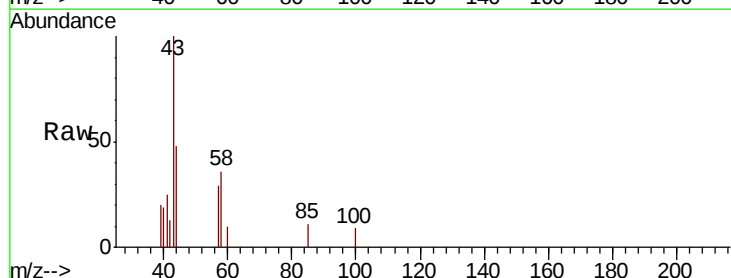
Instrument :
MSVOA_N
ClientSampleId :
PB112798ZHE#04

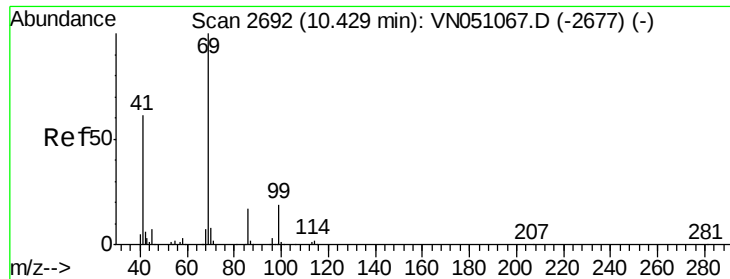
Tot Ion: 98 Resp: 1233313
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN051170.D
Acq: 13 Sep 2018 15:19

Tgt Ion: 43 Resp: 2743
Ion Ratio Lower Upper
43 100
58 44.1 33.5 50.3





#56

Ethyl methacrylate

Concen: 2.48 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. -0.01 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

Instrument :

MSVOA_N

ClientSampleId :

PB112798ZHE#04

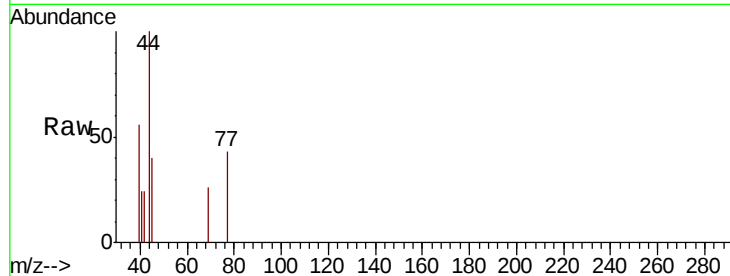
Tot Ion: 69 Resp: 235

Ion Ratio Lower Upper

69 100

41 69.8 47.8 71.8

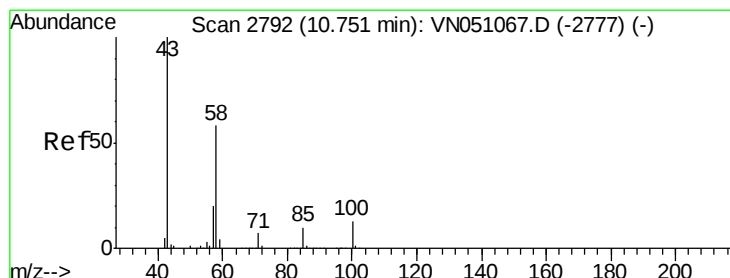
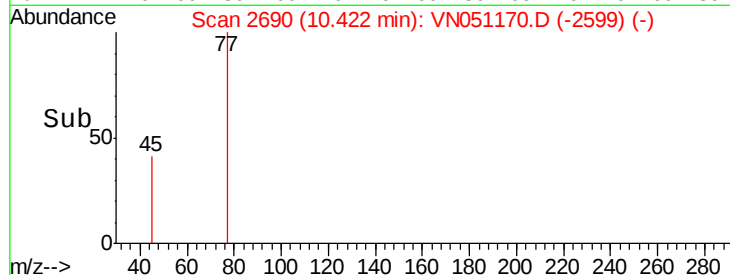
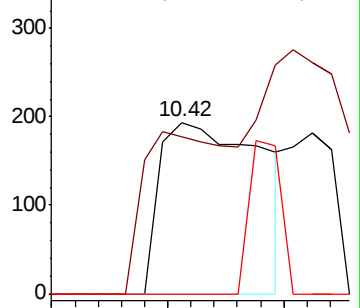
39 0.0 23.0 34.4#



Abundance Ion 69.00 (68.70 to 69.70): VN051170.D (-2599) (-)

Ion 41.00 (40.70 to 41.70): VN051170.D (-2599) (-)

Ion 39.00 (38.70 to 39.70): VN051170.D (-2599) (-)



#59

2-Hexanone

Concen: 4.56 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN051170.D

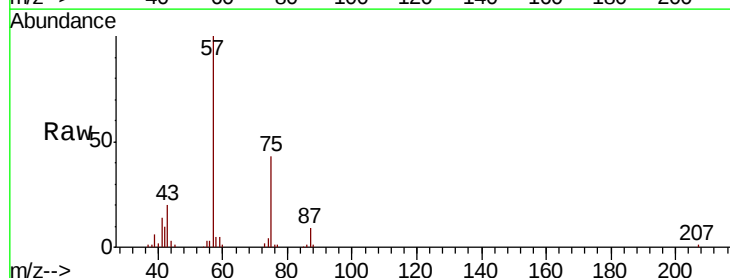
Acq: 13 Sep 2018 15:19

Tgt Ion: 43 Resp: 17104

Ion Ratio Lower Upper

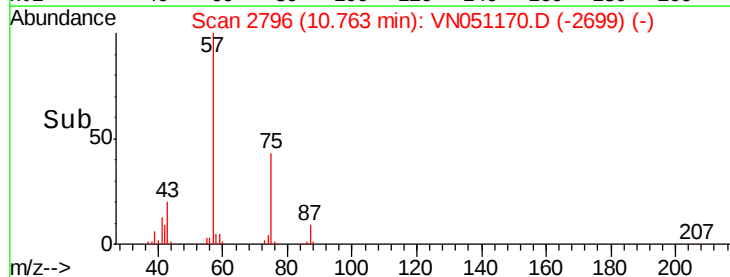
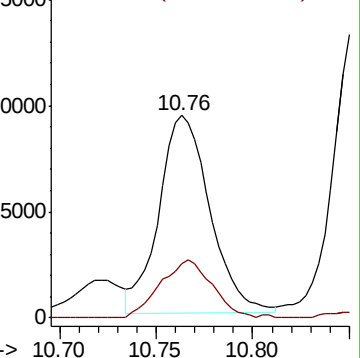
43 100

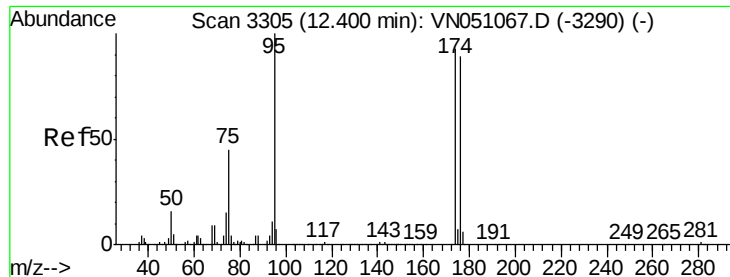
58 29.7 29.3 88.0



Abundance Ion 43.00 (42.70 to 43.70): VN051170.D (-2699) (-)

Ion 58.00 (57.70 to 58.70): VN051170.D (-2699) (-)





#62

4-Bromofluorobenzene

Concen: 38.25 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

Instrument :

MSVOA_N

ClientSampleId :

PB112798ZHE#04

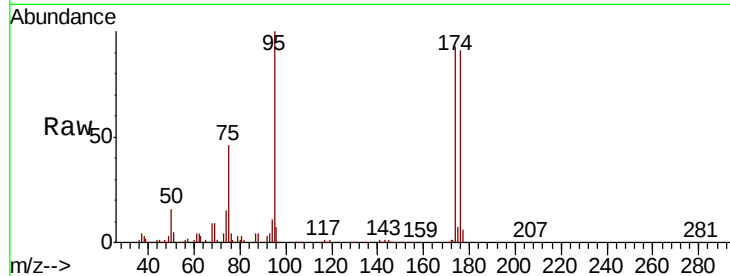
Tot Ion: 95 Resp: 321800

Ion Ratio Lower Upper

95 100

174 93.0 0.0 184.8

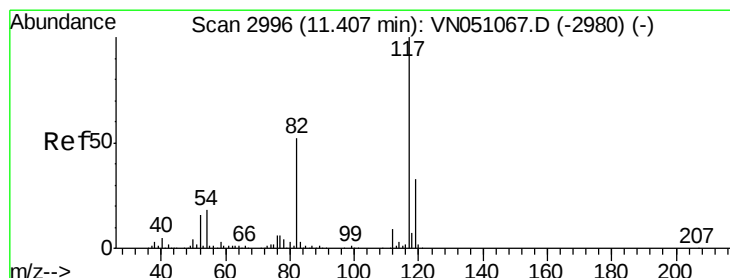
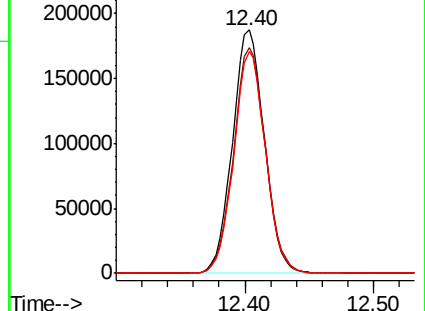
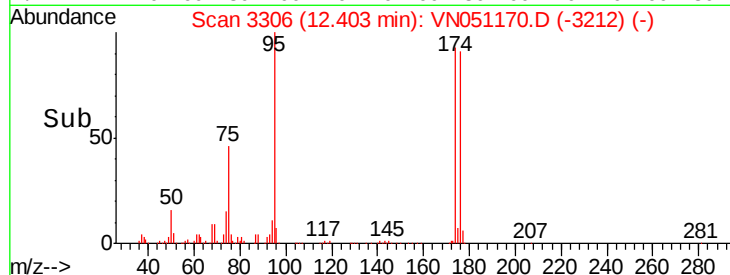
176 90.2 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051170.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051170.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051170.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

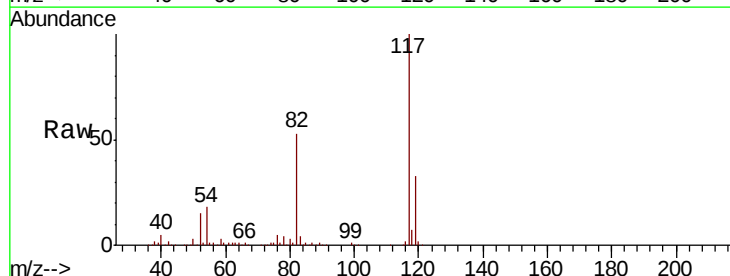
Tgt Ion: 117 Resp: 777214

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.6

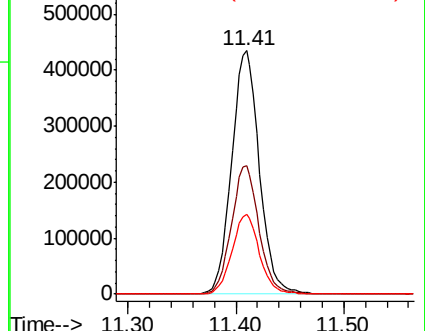
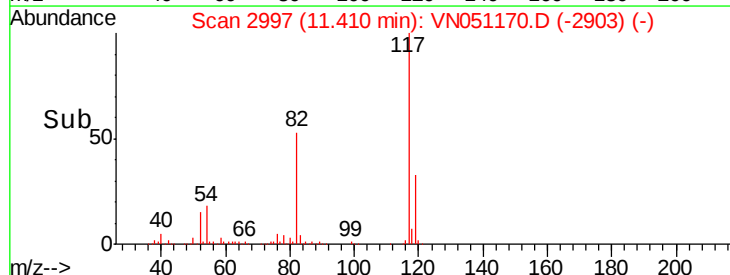
119 32.5 26.2 39.2

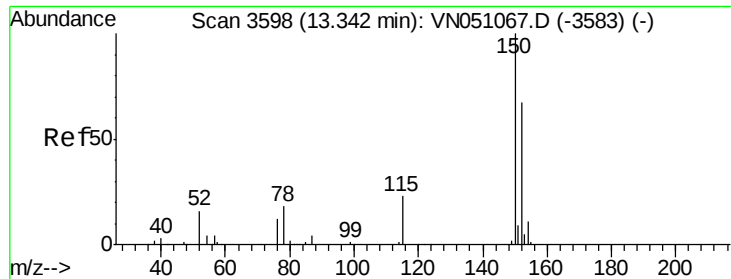


Abundance Ion 116.90 (116.60 to 117.60): VN051170.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN051170.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN051170.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

Instrument :

MSVOA_N

ClientSampleId :

PB112798ZHE#04

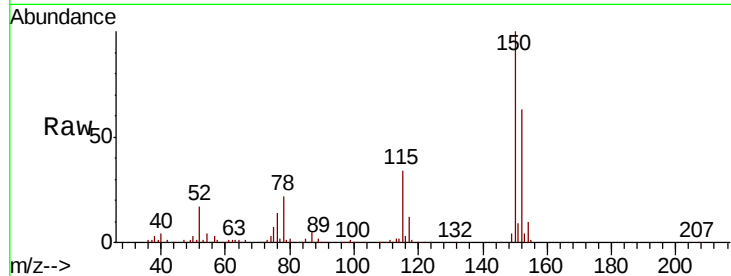
Tot Ion:152 Resp: 220775

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

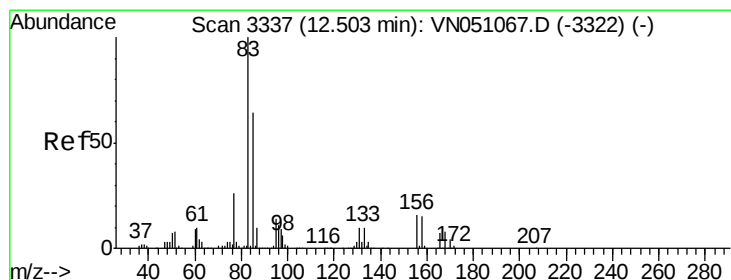
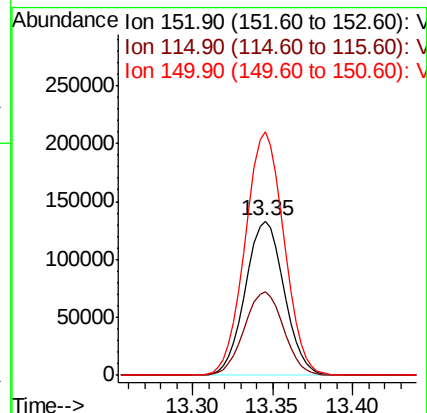
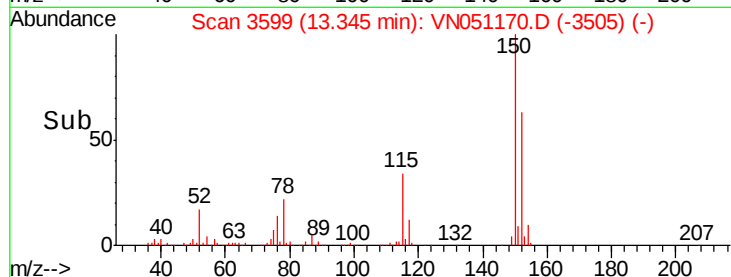
150 157.9 0.0 349.0



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: VN051170.D

Acq: 13 Sep 2018 15:19

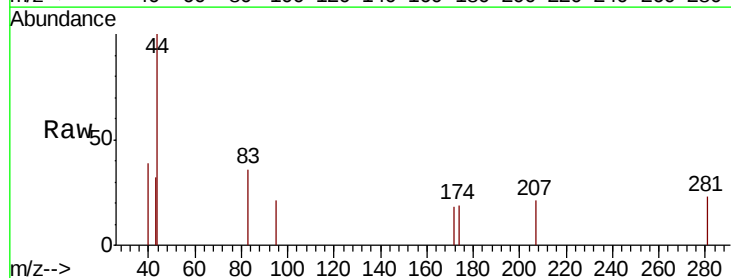
Tgt Ion: 83 Resp: 502

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

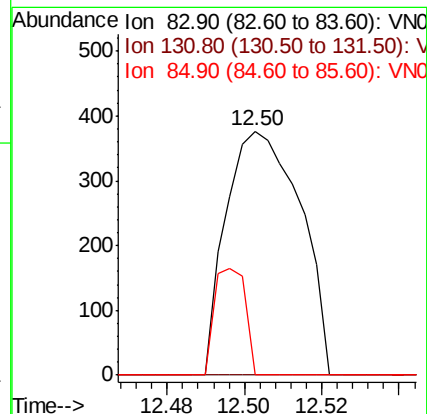
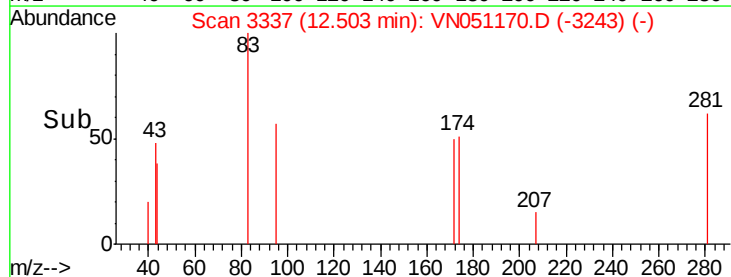
85 18.1 32.3 96.8#

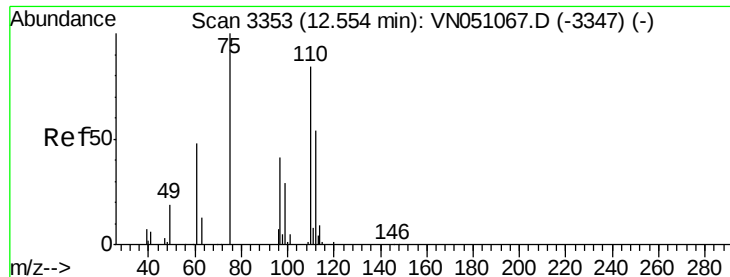


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 42.68 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

Instrument :

MSVOA_N

ClientSampleId :

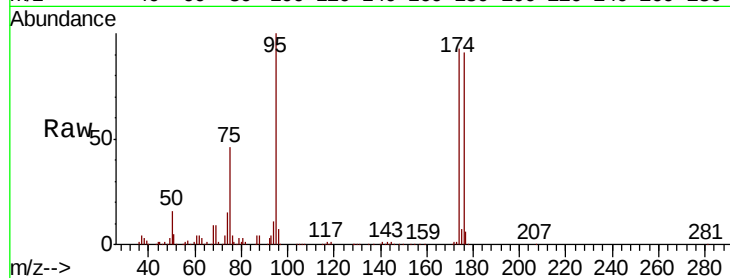
PB112798ZHE#04

Tot Ion: 75 Resp: 146834

Ion Ratio Lower Upper

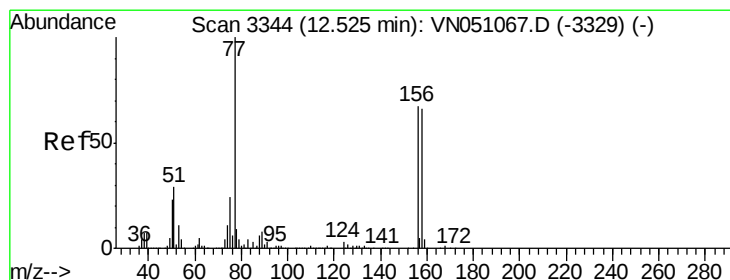
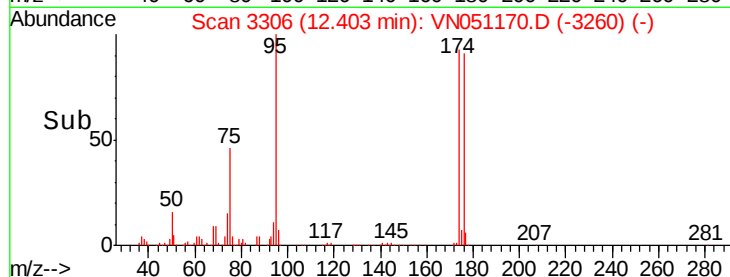
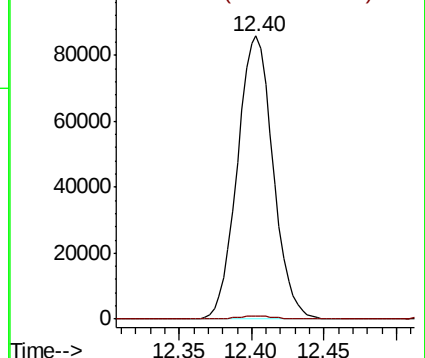
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051170.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN051170.D (-3260) (-)



#77

Bromobenzene

Concen: 0.21 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

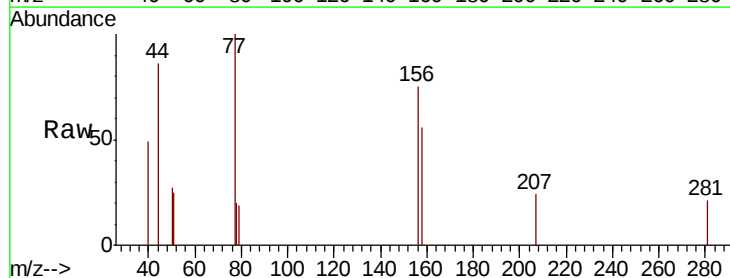
Tgt Ion: 156 Resp: 1037

Ion Ratio Lower Upper

156 100

77 169.6 87.5 262.6

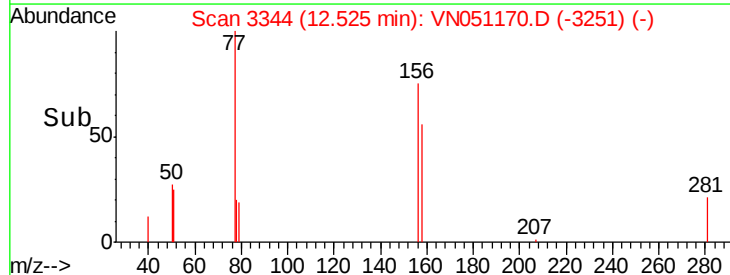
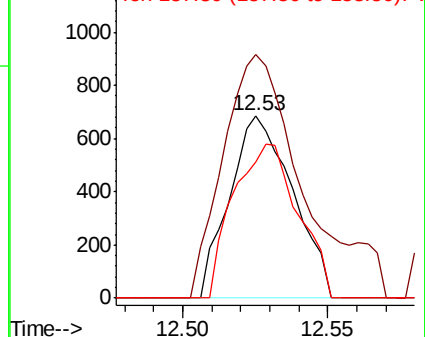
158 86.6 49.0 147.2

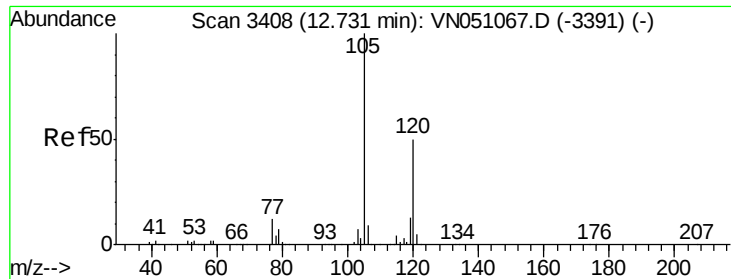


Abundance Ion 155.80 (155.50 to 156.50): VN051170.D (-3251) (-)

Ion 77.00 (76.70 to 77.70): VN051170.D (-3251) (-)

Ion 157.80 (157.50 to 158.50): VN051170.D (-3251) (-)

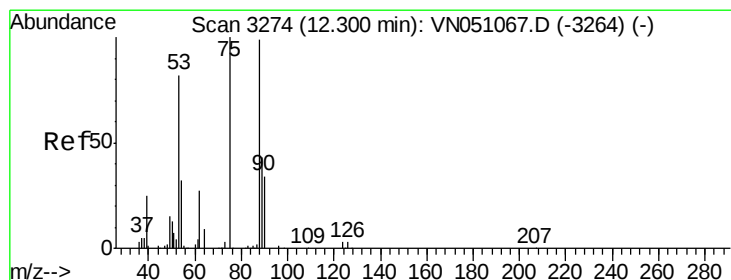
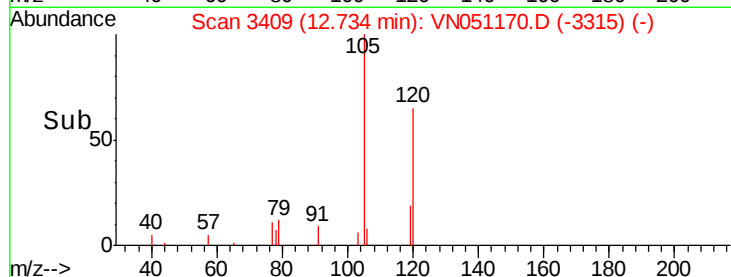
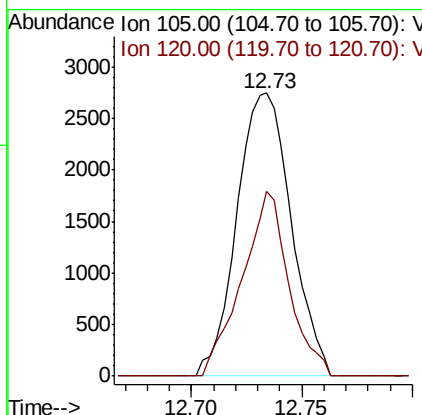
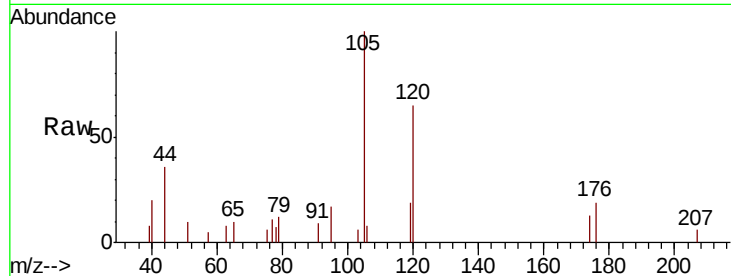




#80
 1,3,5-Trimethylbenzene
 Concen: 0.31 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

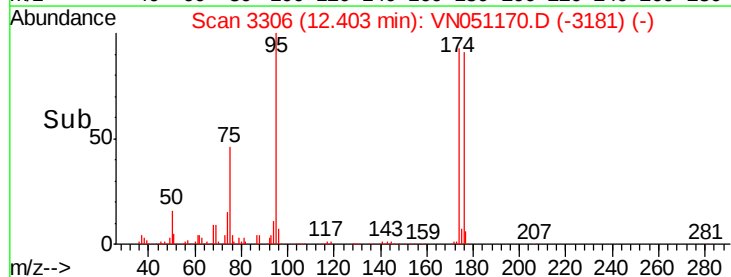
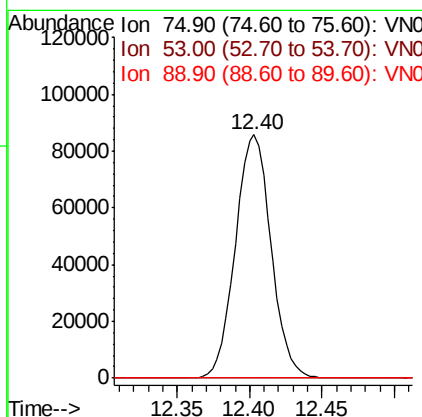
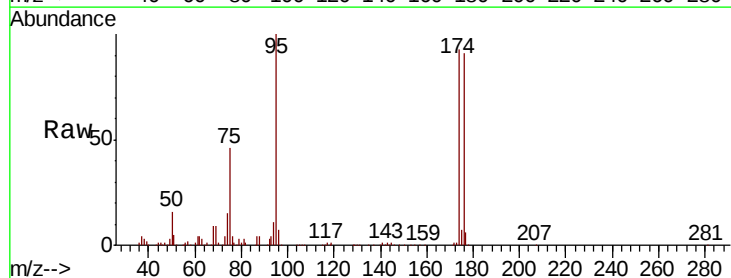
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112798ZHE#04

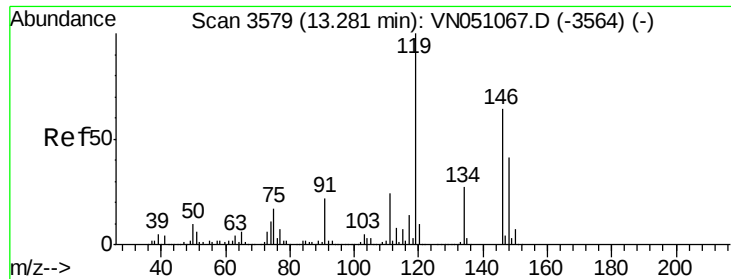
Tot Ion:105 Resp: 4700
 Ion Ratio Lower Upper
 105 100
 120 56.3 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.31 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

Tgt Ion: 75 Resp: 146834
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.8 101.8#
 89 0.0 36.0 54.0#

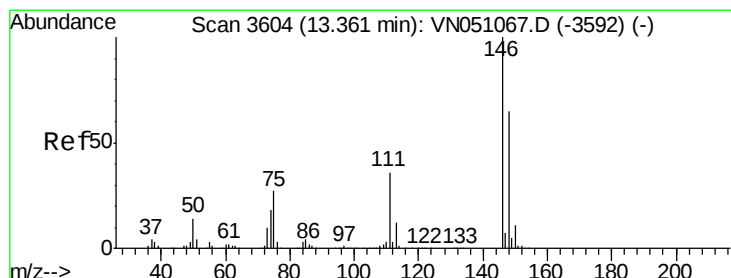
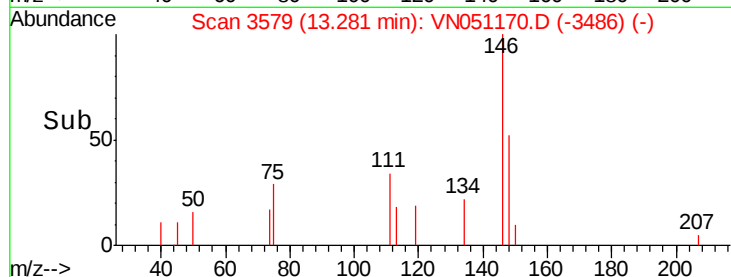
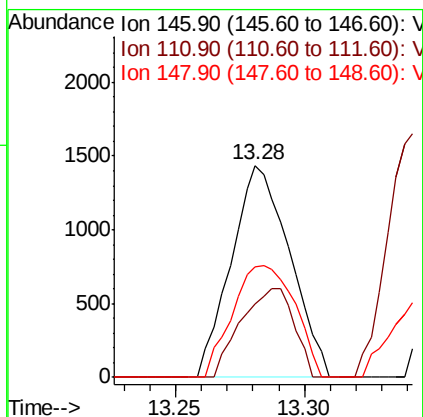
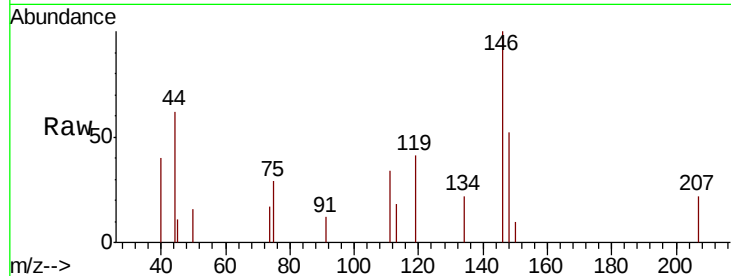




#87
 1,3-Dichlorobenzene
 Concen: 0.27 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

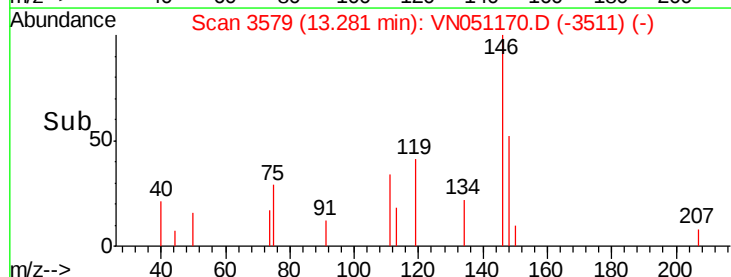
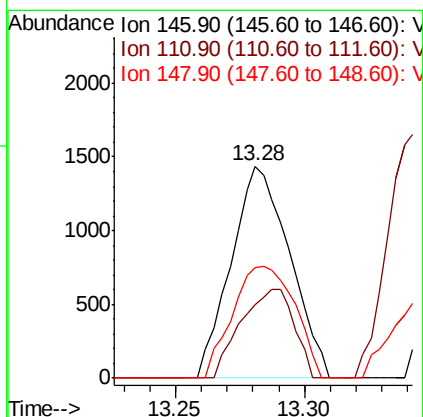
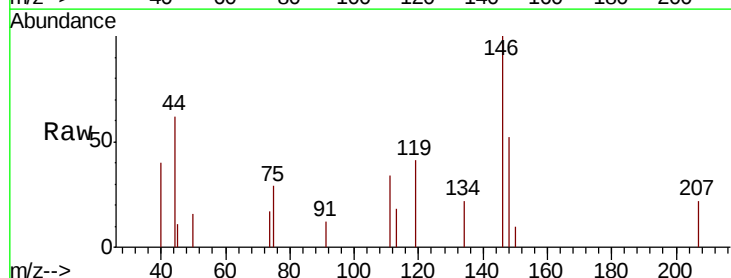
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112798ZHE#04

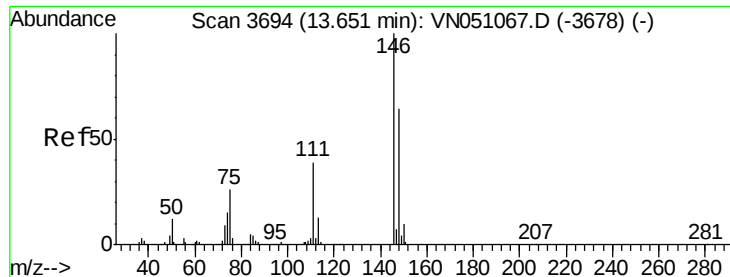
Tot Ion:146 Resp: 2262
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.1
 148 56.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 0.30 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.08 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

Tgt Ion:146 Resp: 2262
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.4 55.0
 148 56.1 32.2 96.6

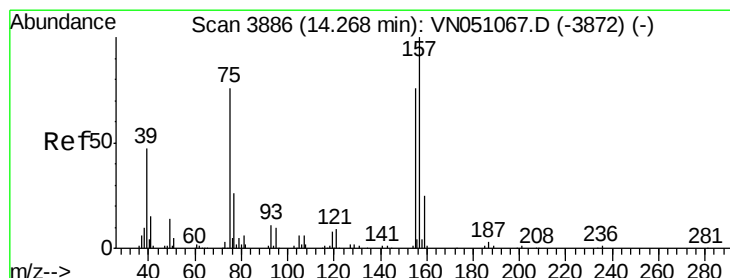
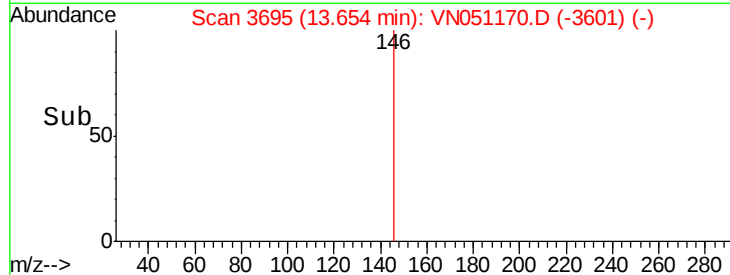
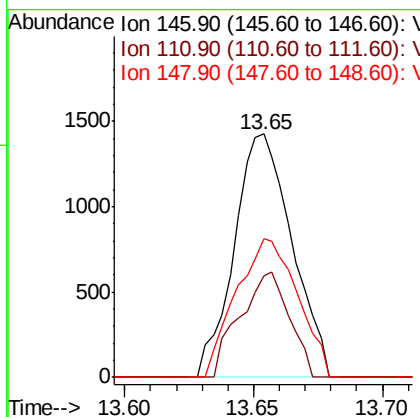
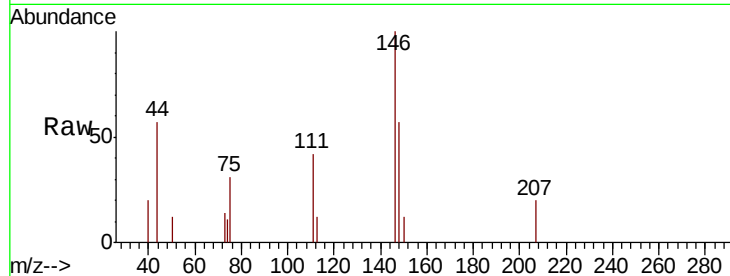




#91
 1,2-Dichlorobenzene
 Concen: 0.27 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

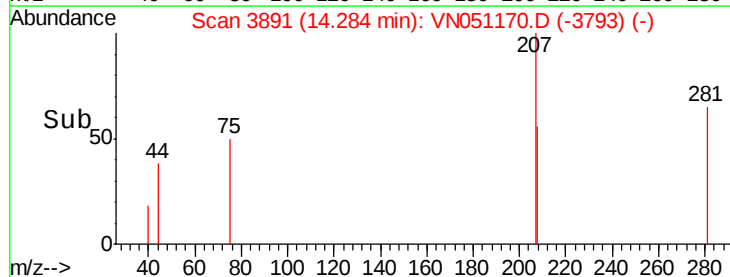
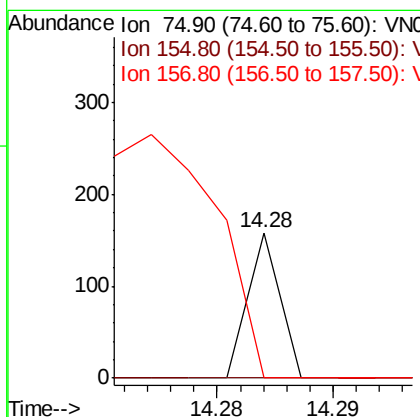
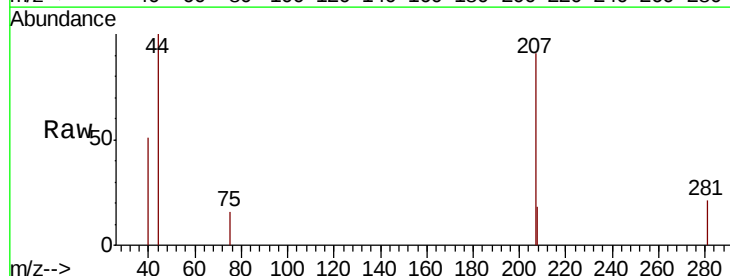
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112798ZHE#04

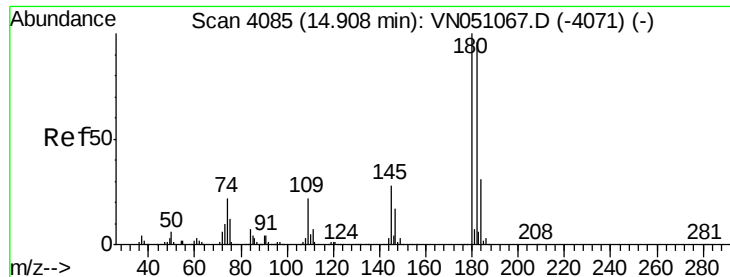
Tot Ion:146 Resp: 2228
 Ion Ratio Lower Upper
 146 100
 111 37.0 19.7 59.0
 148 60.7 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.70 ug/l
 RT: 14.28 min Scan# 3891
 Delta R.T. 0.02 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

Tgt Ion: 75 Resp: 30
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.7 146.1#
 157 693.3 63.6 190.9#

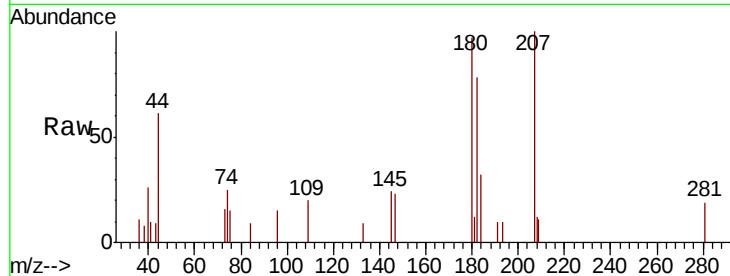




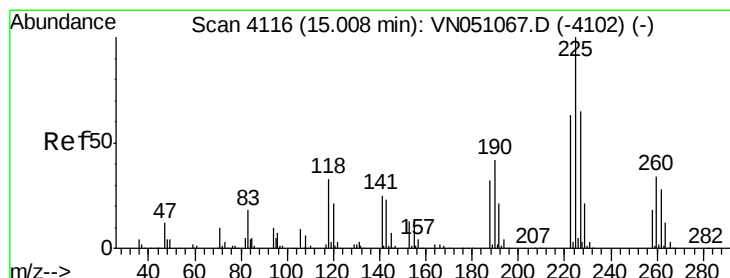
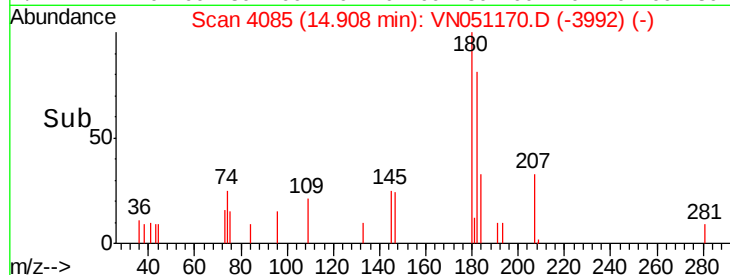
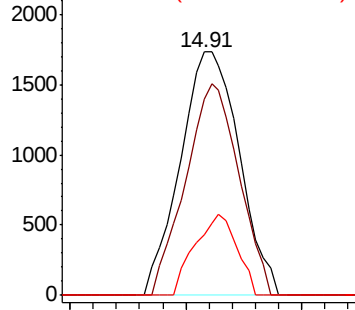
#93
 1,2,4-Trichlorobenzene
 Concen: 4.69 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112798ZHE#04

Tot Ion:180 Resp: 3060
 Ion Ratio Lower Upper
 180 100
 182 78.6 47.3 141.8
 145 23.7 14.2 42.6

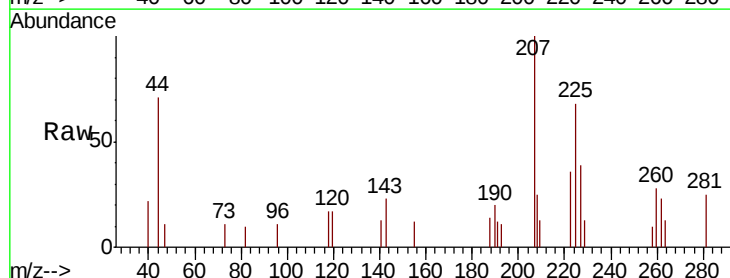


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

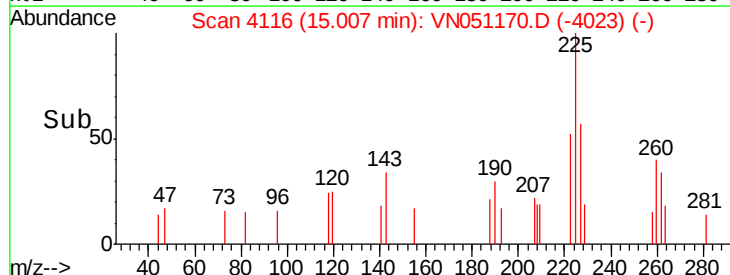
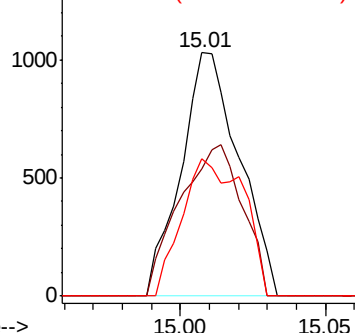


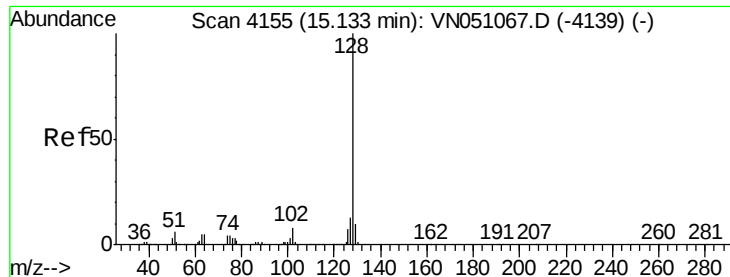
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN051170.D
 Acq: 13 Sep 2018 15:19

Tgt Ion:225 Resp: 1439
 Ion Ratio Lower Upper
 225 100
 223 67.0 31.4 94.0
 227 59.3 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: 6.07 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

Instrument :

MSVOA_N

ClientSampleId :

PB112798ZHE#04

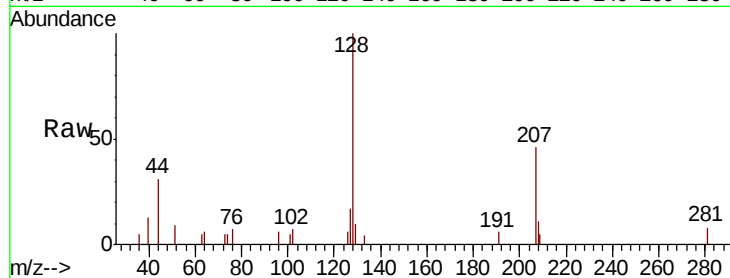
Tot Ion:128 Resp: 6817

Ion Ratio Lower Upper

128 100

127 12.3 10.6 15.8

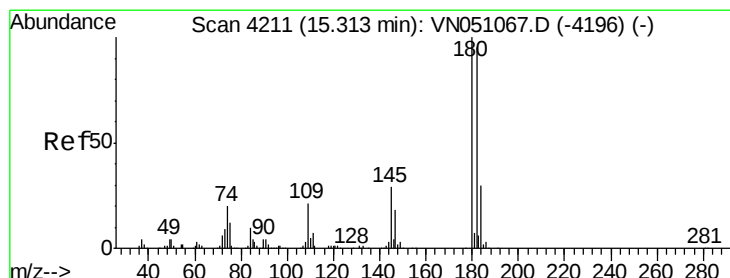
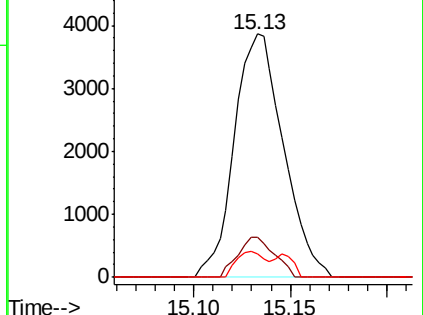
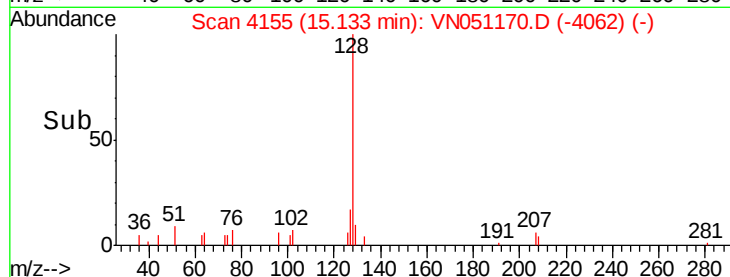
129 6.3 8.6 12.8#



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: 3.71 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN051170.D

Acq: 13 Sep 2018 15:19

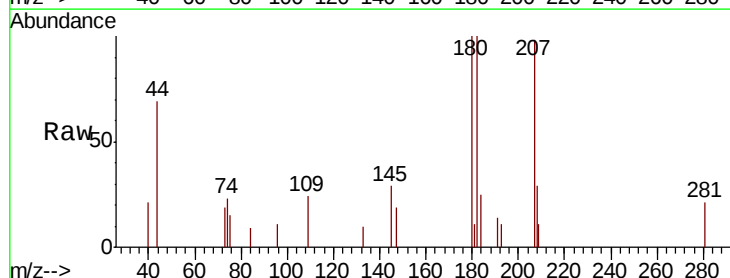
Tgt Ion:180 Resp: 3069

Ion Ratio Lower Upper

180 100

182 103.6 47.8 143.3

145 26.4 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

