

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051099.D
 Acq On : 11 Sep 2018 00:46
 Operator : MD\SY
 Sample : J4777-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-090718-A

Quant Time: Sep 11 04:37:27 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	627490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	991316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	846831	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	292654	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	380156	54.44	ug/l	0.00
Spiked Amount			Recovery	=	108.88%	
35) Dibromofluoromethane	7.59	113	369967	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
50) Toluene-d8	10.09	98	1353437	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.40	95	380127	40.65	ug/l	0.00
Spiked Amount			Recovery	=	81.30%	

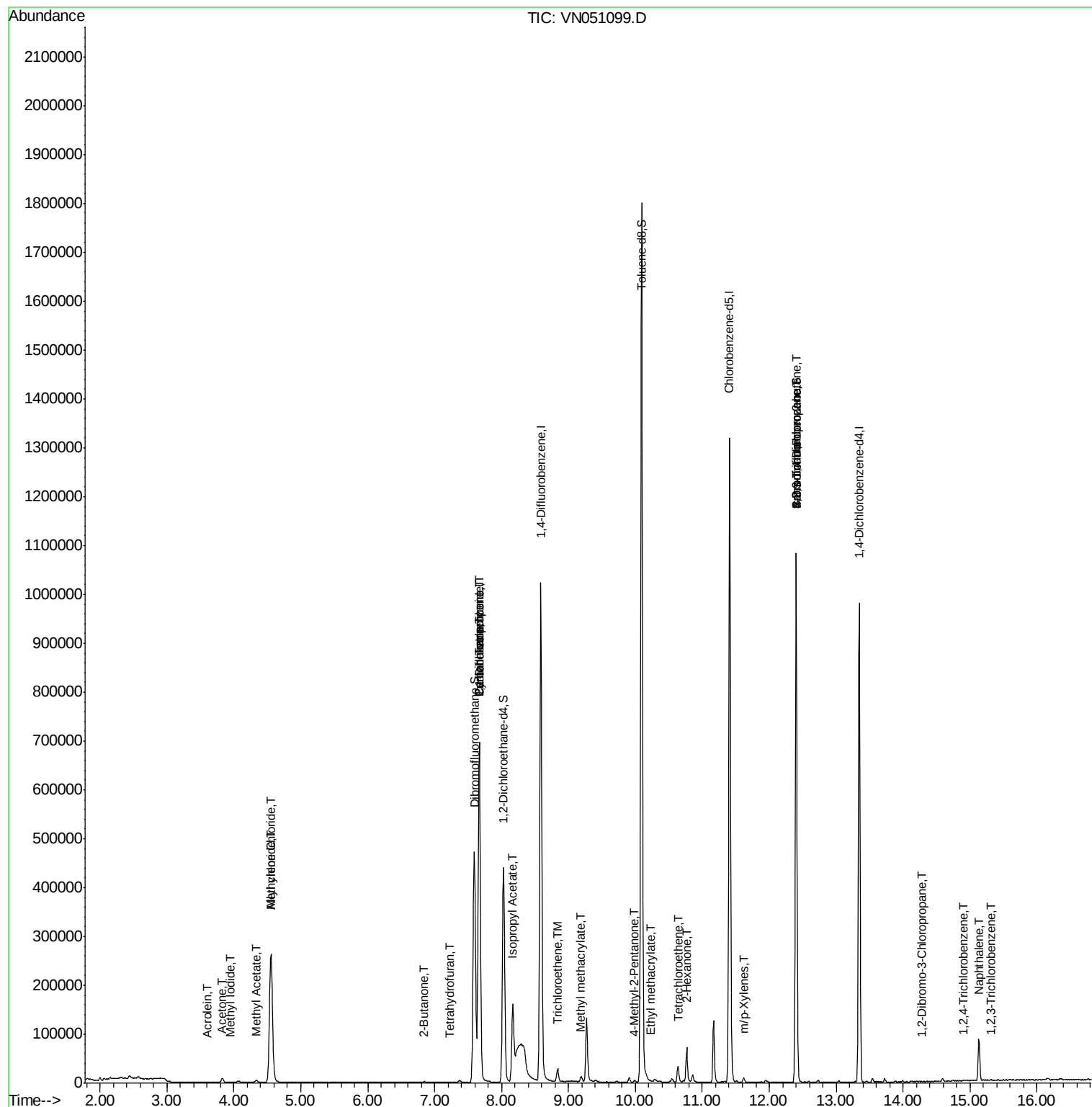
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	3227	Below Cal		98
5) Bromomethane	2.57	94	2903	Below Cal		98
10) Methyl Iodide	3.95	142	1141	5.78	ug/l #	65
13) Acrolein	3.61	56	30	24.32	ug/l #	13
14) Allyl chloride	4.55	41	7931	0.78	ug/l #	26
16) Acetone	3.83	43	13347	1.94	ug/l #	88
18) Methyl Acetate	4.34	43	8158	1.46	ug/l #	81
20) Methylene Chloride	4.55	84	217211	28.16	ug/l	98
25) 2-Butanone	6.85	43	2921	1.06	ug/l #	83
29) Tetrahydrofuran	7.23	42	990	0.58	ug/l #	44
31) Cyclohexane	7.66	56	10390	0.68	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	39289	3.61	ug/l #	48
38) Carbon Tetrachloride	7.67	117	54189	5.06	ug/l #	17
43) Isopropyl Acetate	8.17	43	201007	18.07	ug/l #	85
44) Trichloroethene	8.83	130	10750	1.20	ug/l	98
48) Methyl methacrylate	9.18	41	6617	1.22	ug/l #	14
51) 4-Methyl-2-Pentanone	9.99	43	2168	0.35	ug/l	94
56) Ethyl methacrylate	10.23	69	1859	2.64	ug/l #	66
59) 2-Hexanone	10.76	43	10751	2.58	ug/l #	55
64) Tetrachloroethene	10.63	164	3027	0.39	ug/l	93
68) m/p-Xylenes	11.62	106	3464	0.26	ug/l	99
71) Bromoform	12.40	173	2299	0.42	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	31	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	172268	37.60	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	172268	111.79	ug/l #	15
90) Hexachloroethane	13.95	117	191	Below Cal	#	2
92) 1,2-Dibromo-3-Chloropropan	14.27	75	61	0.73	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.90	180	493	4.07	ug/l #	88
95) Naphthalene	15.13	128	75941	11.50	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	500	3.04	ug/l #	85

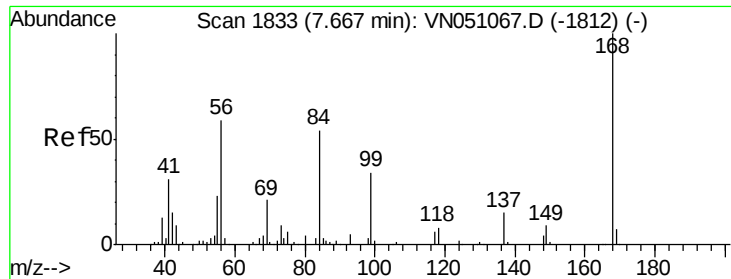
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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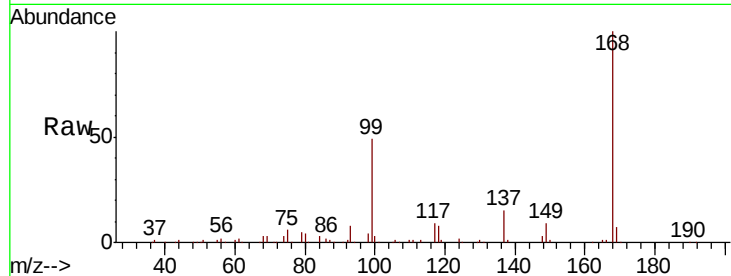


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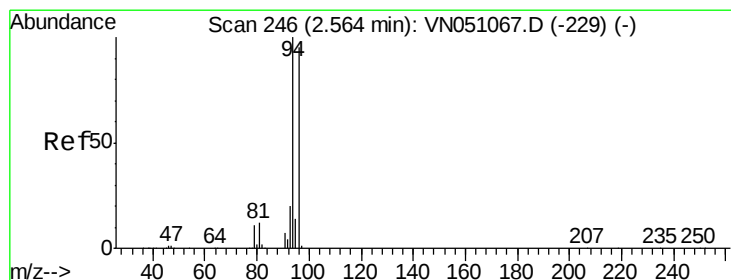
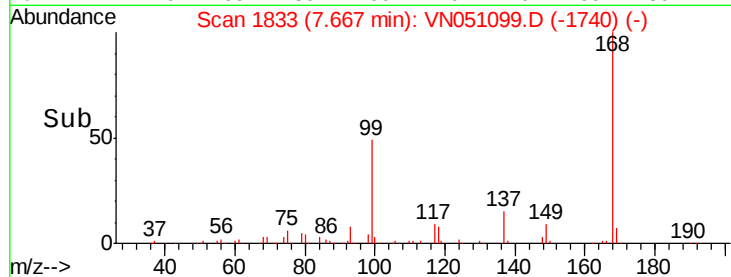
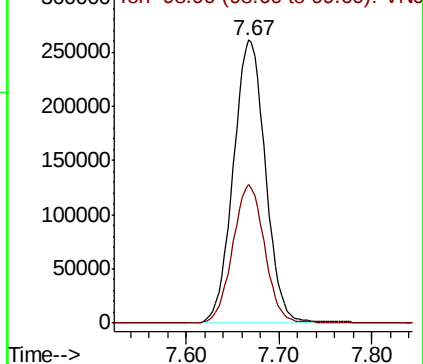
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-090718-A

Tot Ion:168 Resp: 627490
 Ion Ratio Lower Upper
 168 100
 99 48.9 38.3 57.5



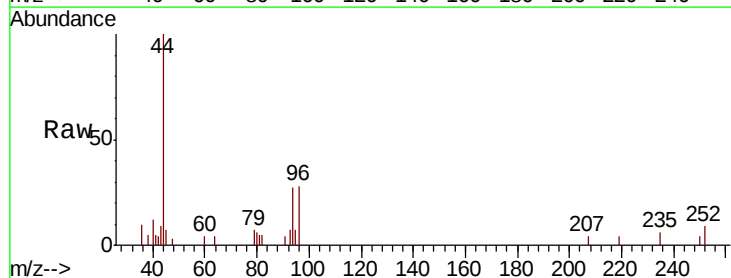
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VNO



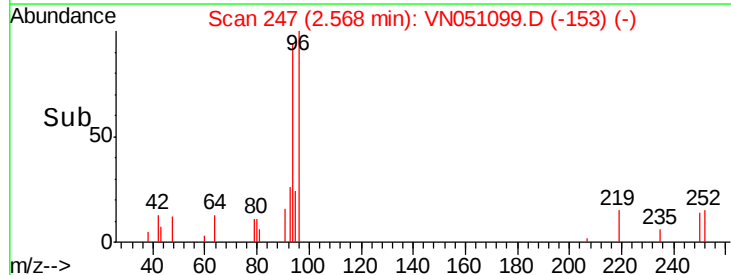
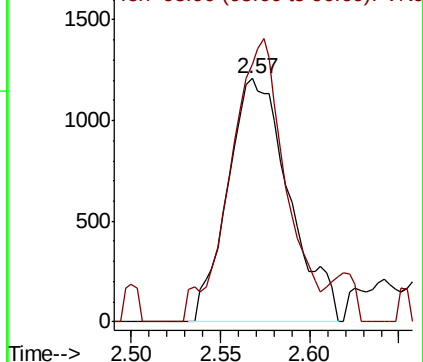
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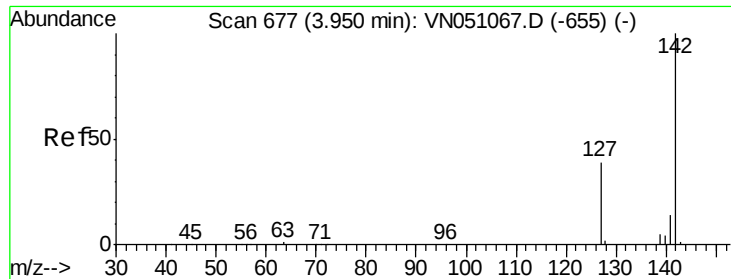
Bromomethane
 Concen: Below Cal
 RT: 2.57 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

Tgt Ion: 94 Resp: 2903
 Ion Ratio Lower Upper
 94 100
 96 92.6 75.9 113.9



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

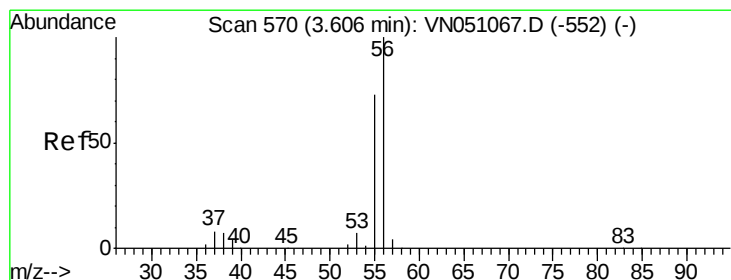
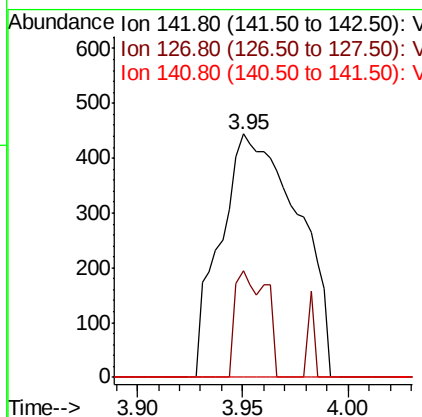
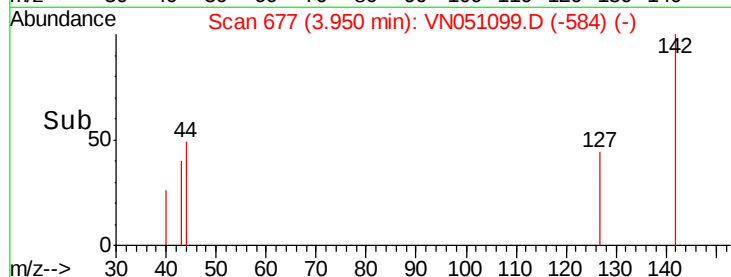
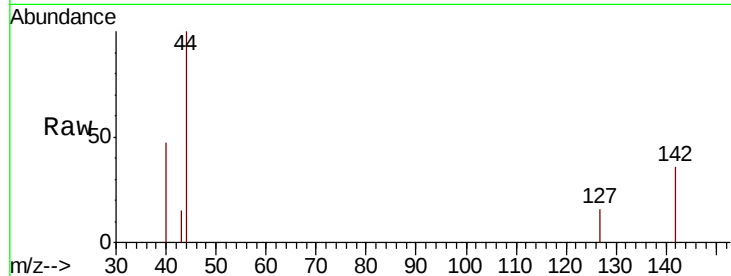




#10
Methvl Iodide
Concen: 5.78 ug/l
RT: 3.95 min Scan# 677
Delta R.T. 0.00 min
Lab File: VN051099.D
Acq: 11 Sep 2018 00:46

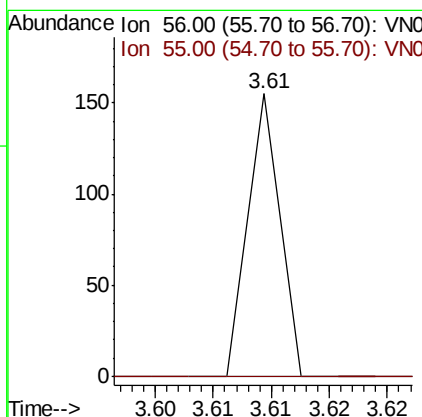
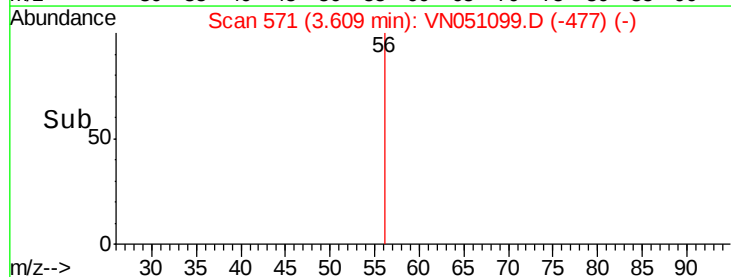
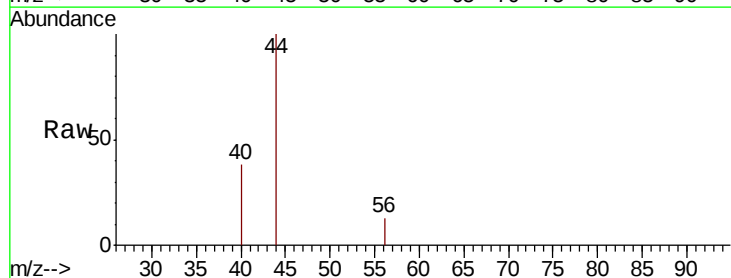
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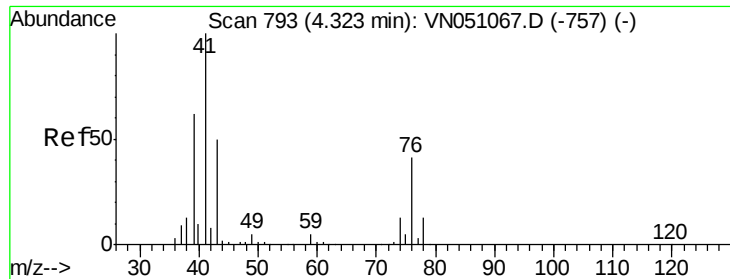
Tot Ion:142 Resp: 1141
Ion Ratio Lower Upper
142 100
127 17.4 31.0 46.4#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 24.32 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN051099.D
Acq: 11 Sep 2018 00:46

Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 58.0 87.0#

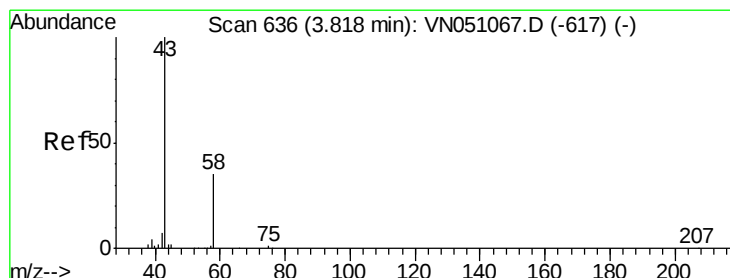
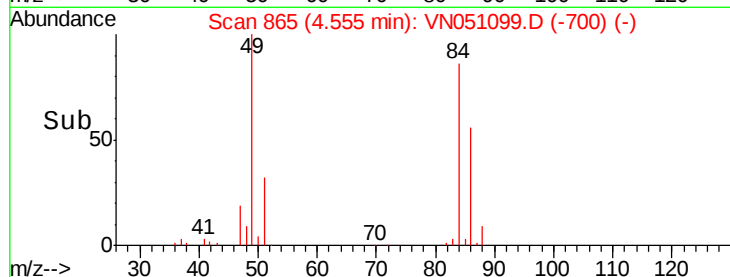
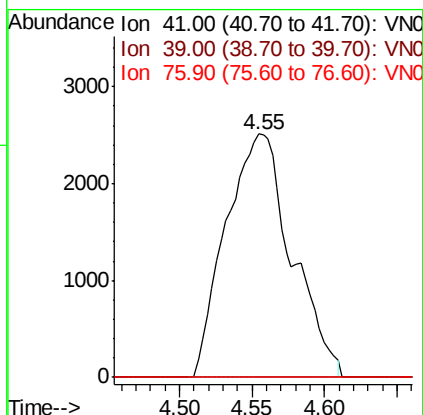
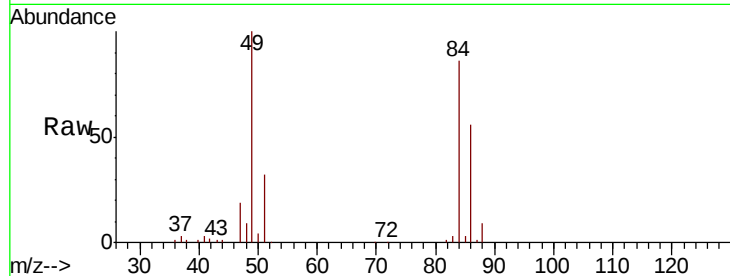




#14
Allvl chloride
Concen: 0.78 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.23 min
Lab File: VN051099.D
Acq: 11 Sep 2018 00:46

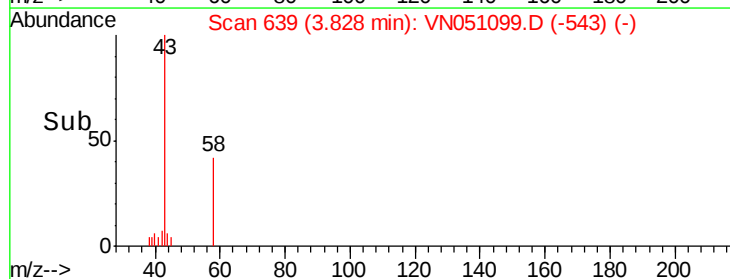
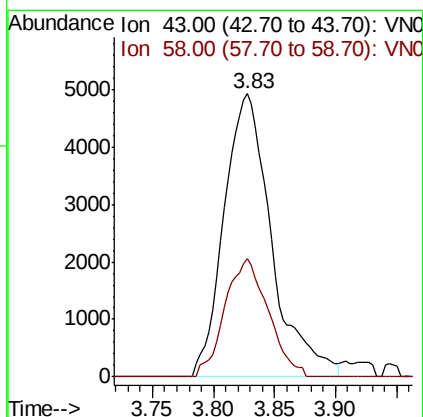
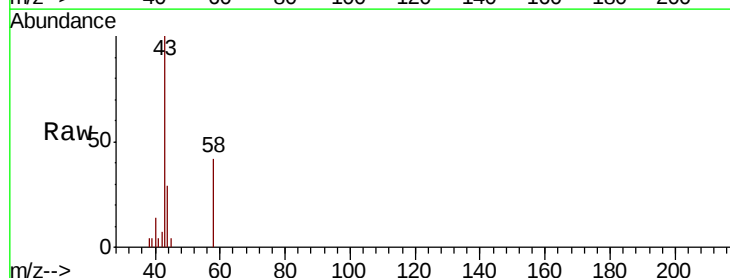
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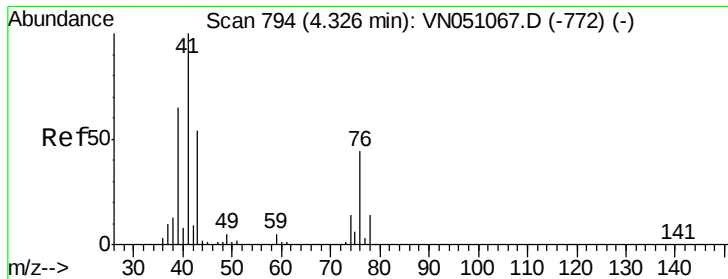
Tot Ion: 41 Resp: 7931
Ion Ratio Lower Upper
41 100
39 0.0 48.8 73.2#
76 0.0 30.6 45.8#



#16
Acetone
Concen: 1.94 ug/l
RT: 3.83 min Scan# 639
Delta R.T. 0.01 min
Lab File: VN051099.D
Acq: 11 Sep 2018 00:46

Tgt Ion: 43 Resp: 13347
Ion Ratio Lower Upper
43 100
58 41.7 27.8 41.6#

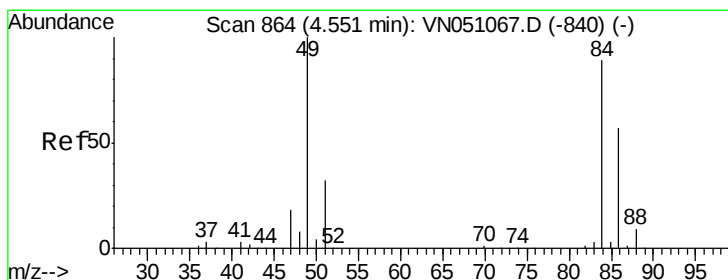
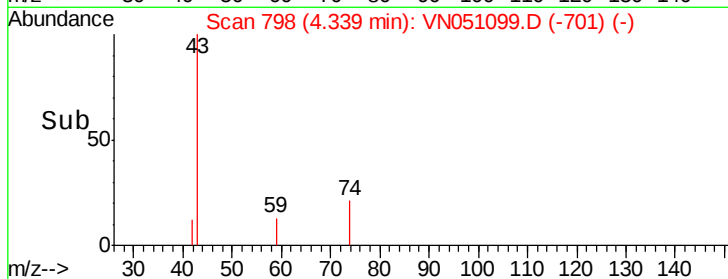
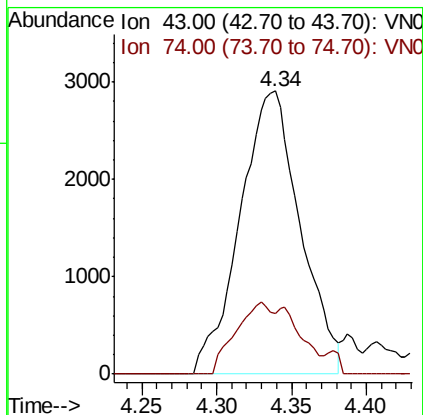
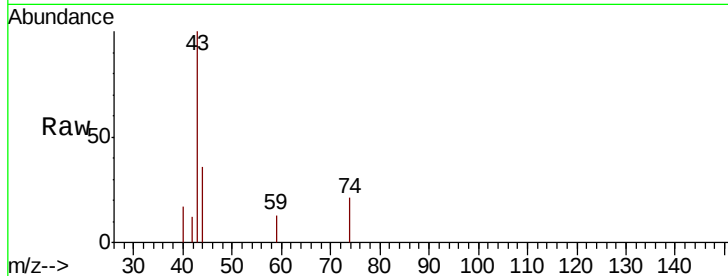




#18
Methyl Acetate
Concen: 1.46 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051099.D
Acq: 11 Sep 2018 00:46

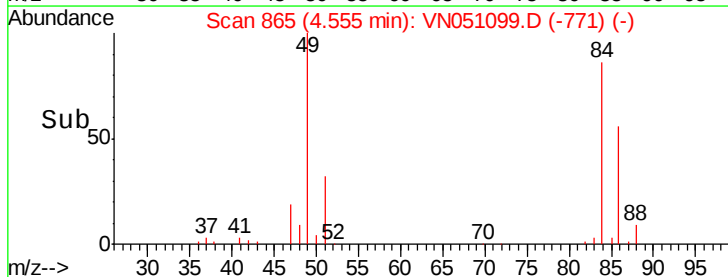
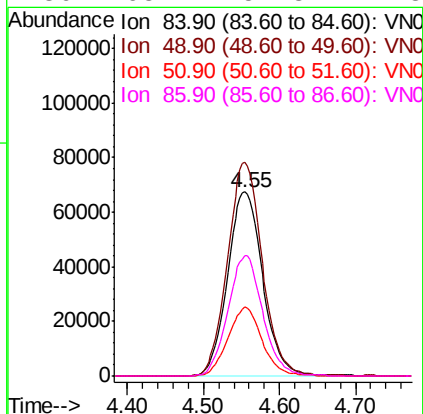
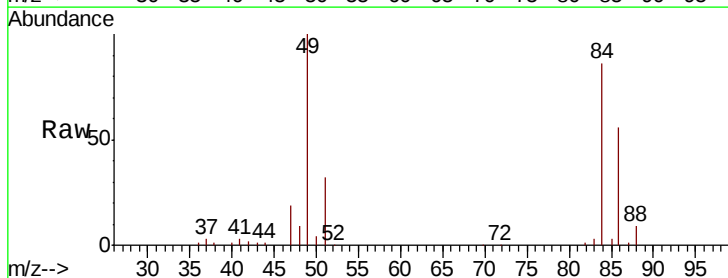
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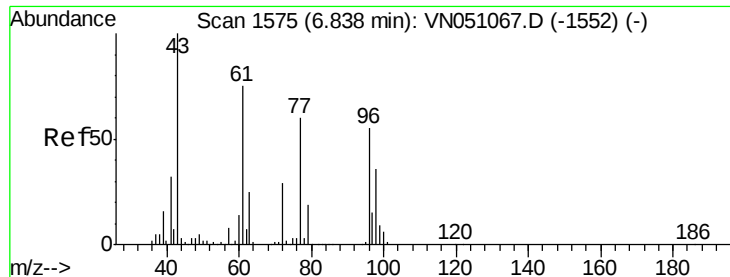
Tot Ion: 43 Resp: 8158
Ion Ratio Lower Upper
43 100
74 16.0 20.7 31.1#



#20
Methylene Chloride
Concen: 28.16 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051099.D
Acq: 11 Sep 2018 00:46

Tgt Ion: 84 Resp: 217211
Ion Ratio Lower Upper
84 100
49 116.2 90.2 135.2
51 37.4 28.4 42.6
86 65.1 51.8 77.8

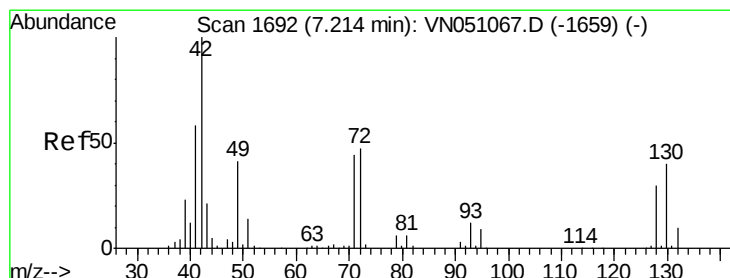
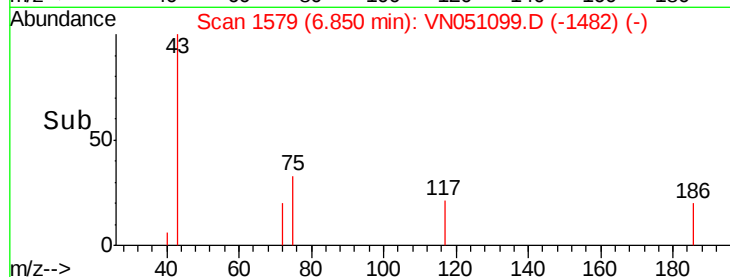
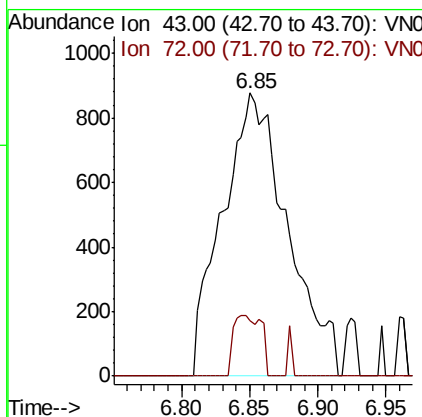
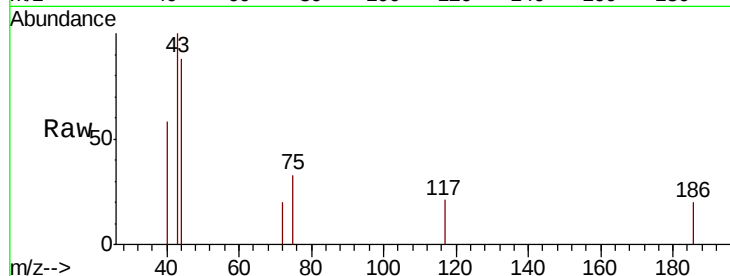




#25
 2-Butanone
 Concen: 1.06 ug/l
 RT: 6.85 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

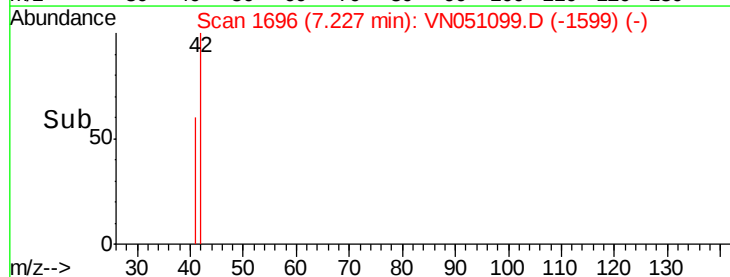
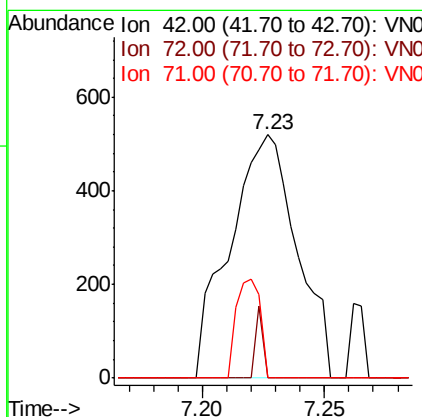
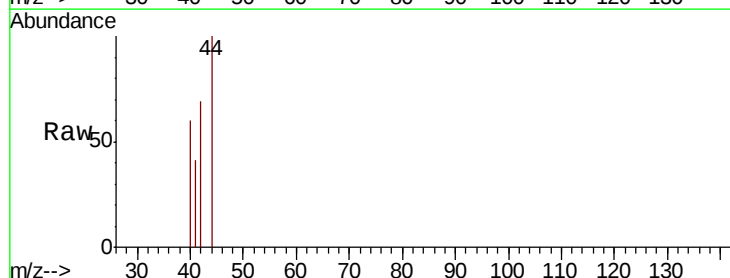
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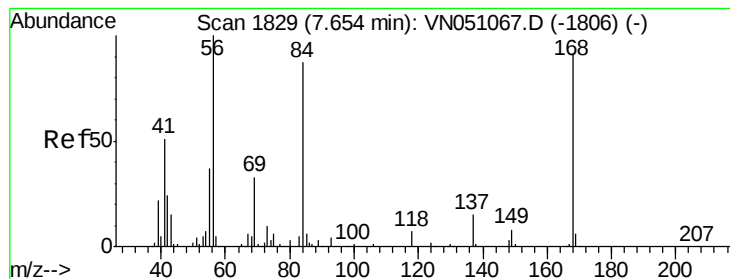
Tot Ion: 43 Resp: 2921
 Ion Ratio Lower Upper
 43 100
 72 19.8 23.0 34.6#



#29
 Tetrahydrofuran
 Concen: 0.58 ug/l
 RT: 7.23 min Scan# 1696
 Delta R.T. 0.01 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

Tgt Ion: 42 Resp: 990
 Ion Ratio Lower Upper
 42 100
 72 3.0 37.4 56.0#
 71 14.5 34.7 52.1#





#31

Cyclohexane

Concen: 0.68 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

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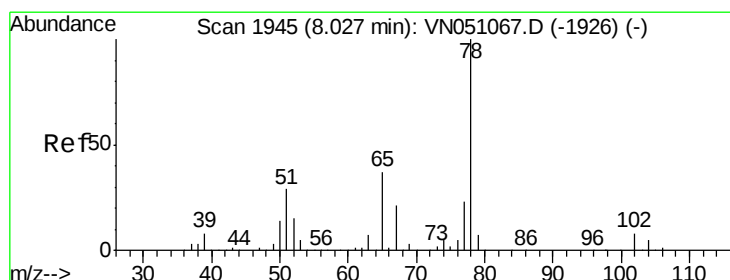
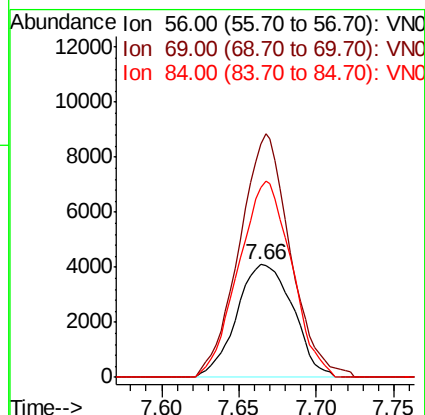
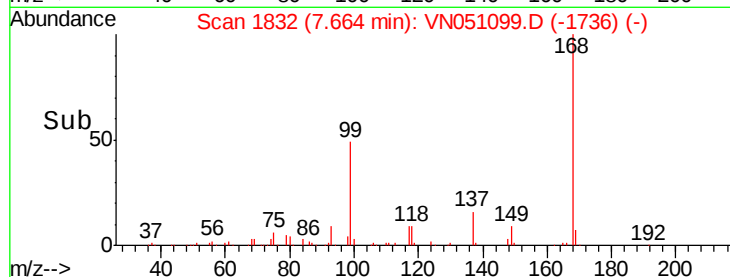
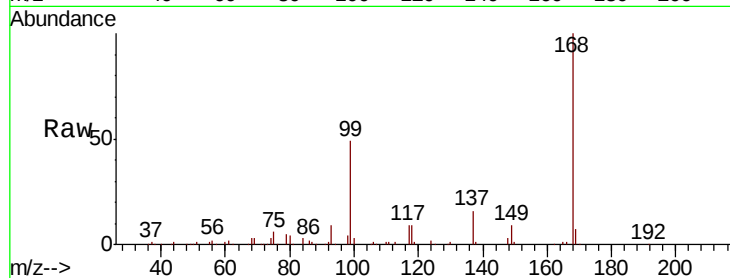
Tot Ion: 56 Resp: 10390

Ion Ratio Lower Upper

56 100

69 206.2 26.3 39.5#

84 168.6 69.4 104.0#



#33

1,2-Dichloroethane-d4

Concen: 54.44 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051099.D

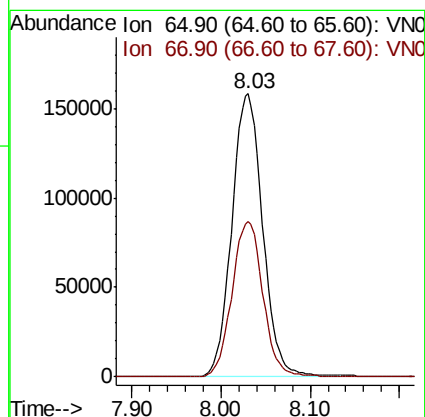
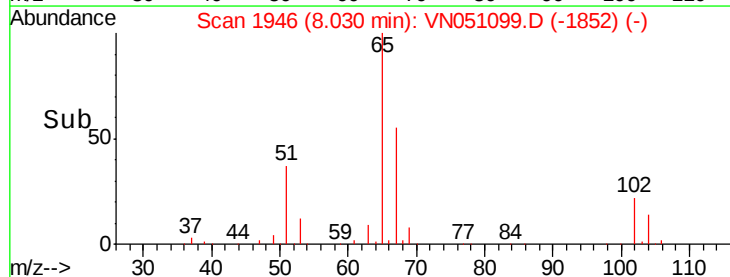
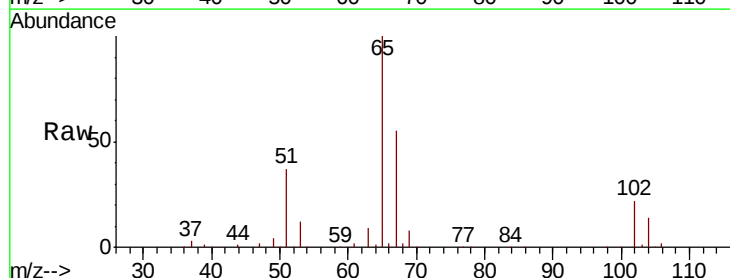
Acq: 11 Sep 2018 00:46

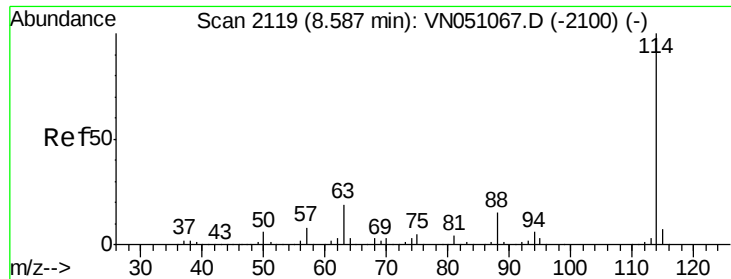
Tgt Ion: 65 Resp: 380156

Ion Ratio Lower Upper

65 100

67 55.2 0.0 112.0

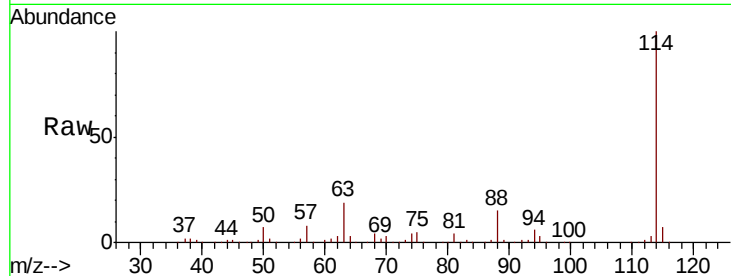




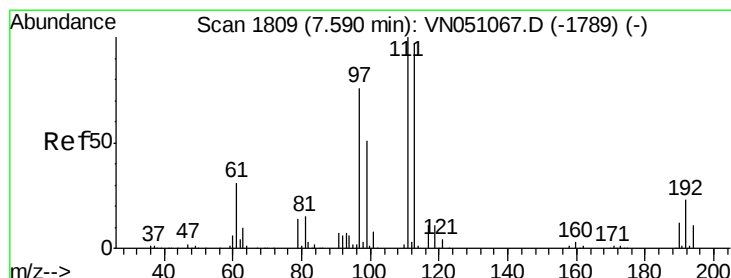
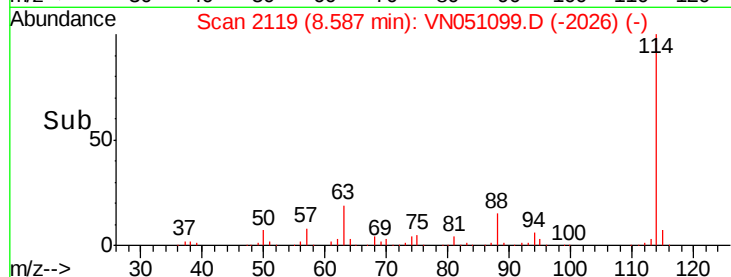
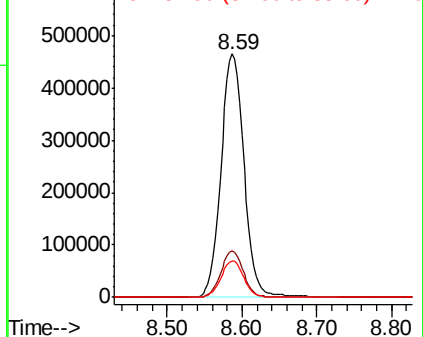
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-090718-A

Tot Ion:114 Resp: 991316
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.8
 88 15.2 0.0 30.8

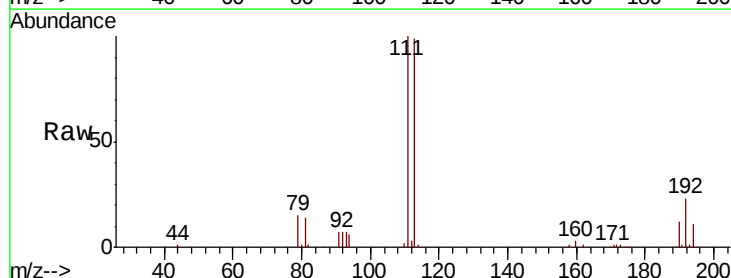


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

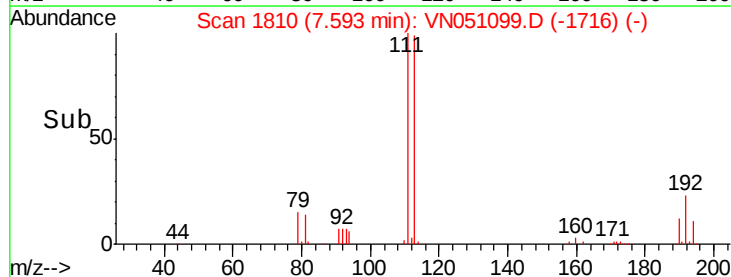
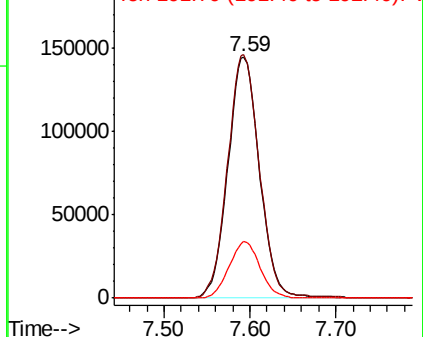


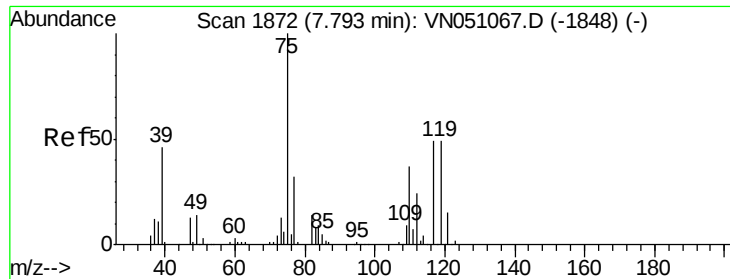
#35
 Dibromofluoromethane
 Concen: 49.67 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

Tgt Ion:113 Resp: 369967
 Ion Ratio Lower Upper
 113 100
 111 101.0 83.0 124.6
 192 23.2 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

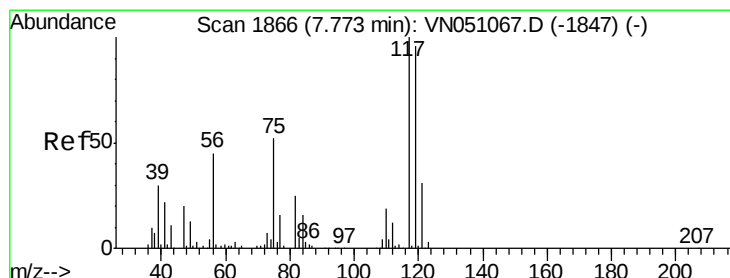
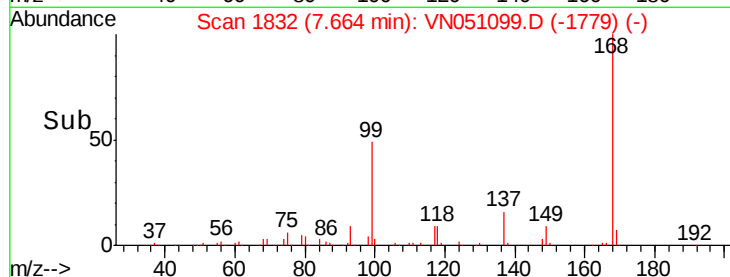
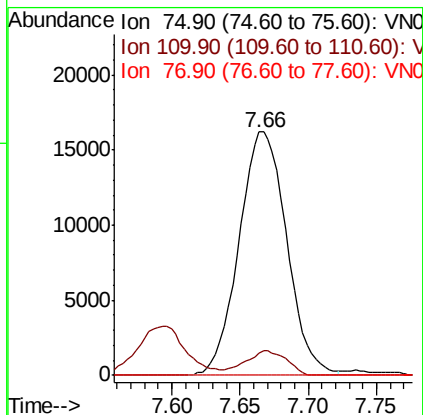
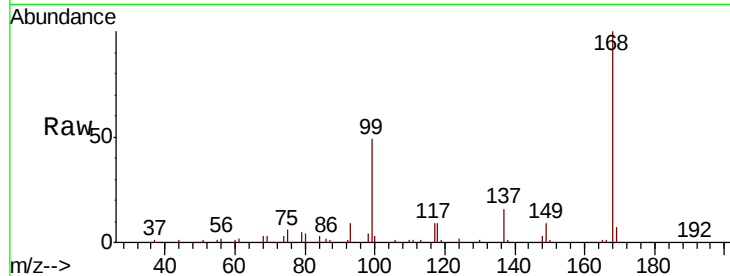




#36
 1,1-Dichloropropene
 Concen: 3.61 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

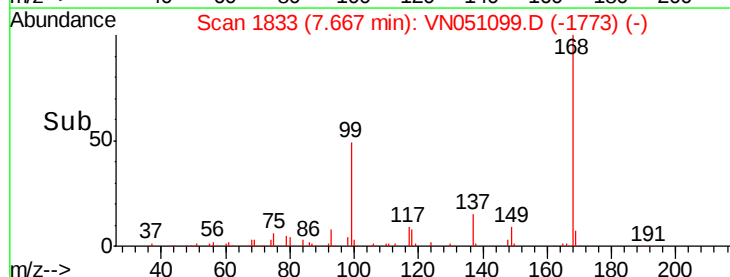
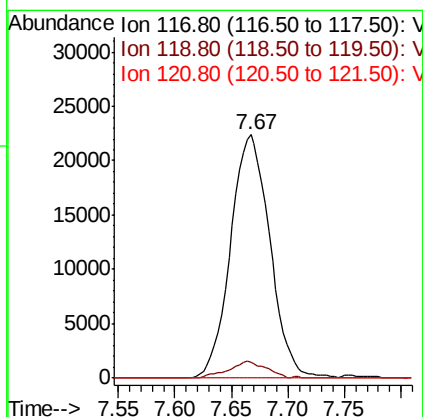
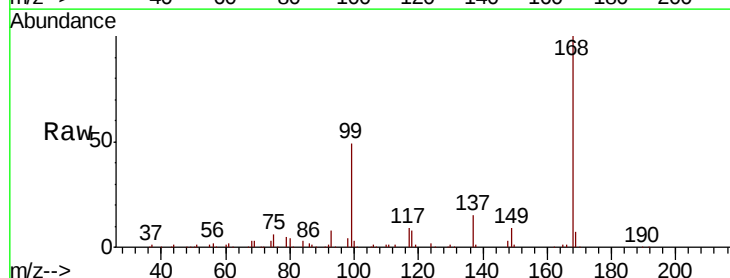
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-090718-A

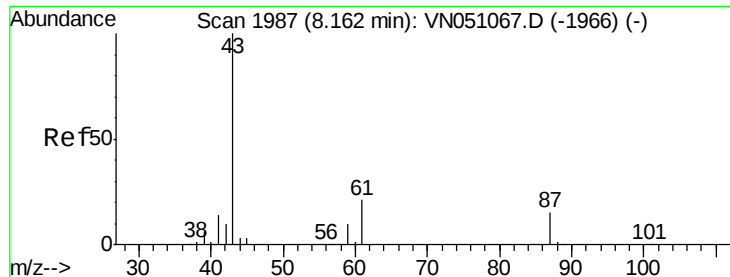
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.6	55.8#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.06 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	76.8	115.2#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 18.07 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

PL-05-090718-A

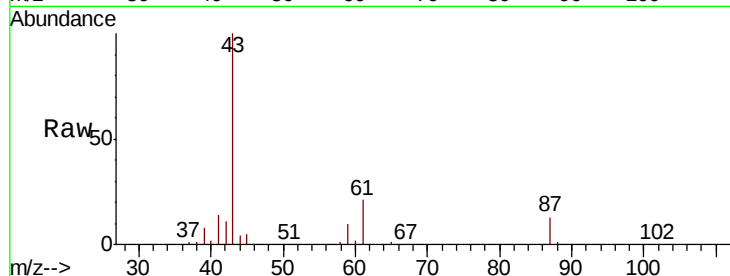
Tot Ion: 43 Resp: 201007

Ion Ratio Lower Upper

43 100

61 20.5 25.0 37.6#

87 12.9 11.8 17.8

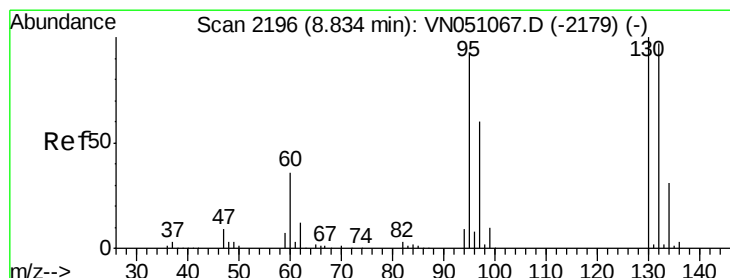
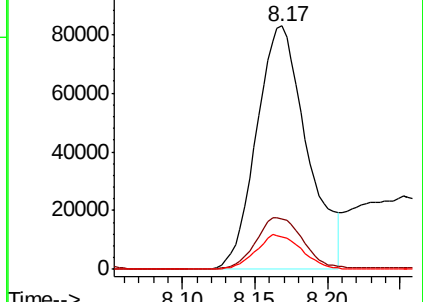
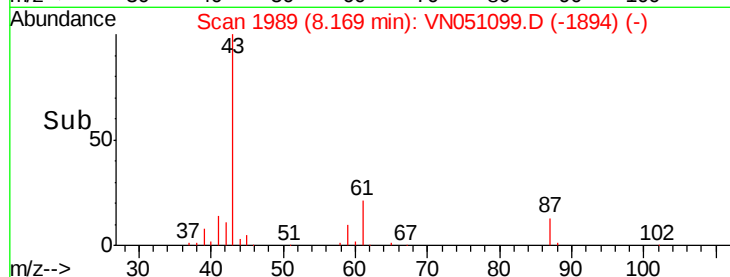


Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN051067.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN051067.D (-1966) (-)

Time-->



#44

Trichloroethene

Concen: 1.20 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN051099.D

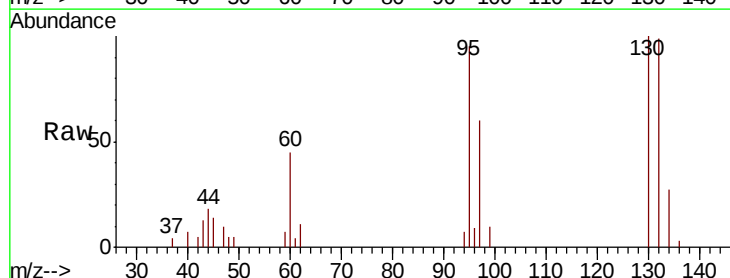
Acq: 11 Sep 2018 00:46

Tgt Ion:130 Resp: 10750

Ion Ratio Lower Upper

130 100

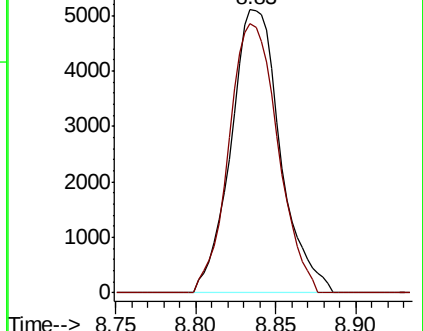
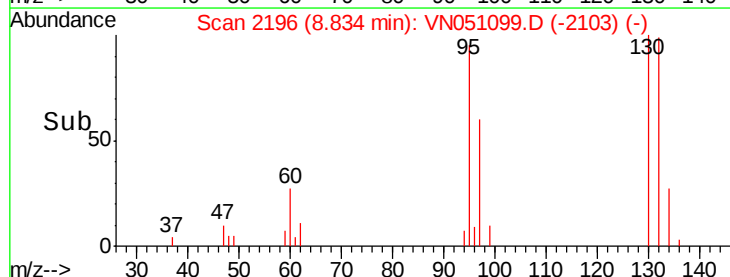
95 95.0 0.0 186.2

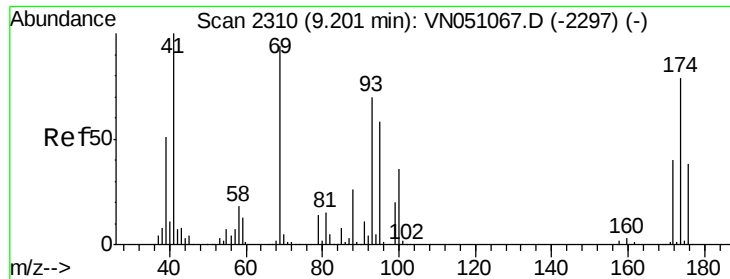


Abundance Ion 129.80 (129.50 to 130.50): VN051067.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051067.D (-2179) (-)

Time-->

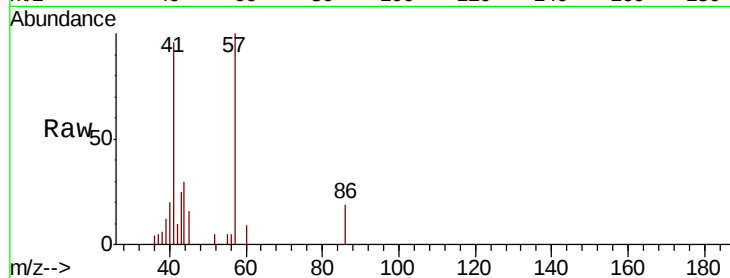




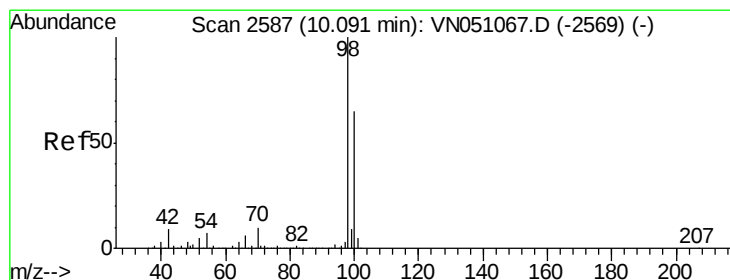
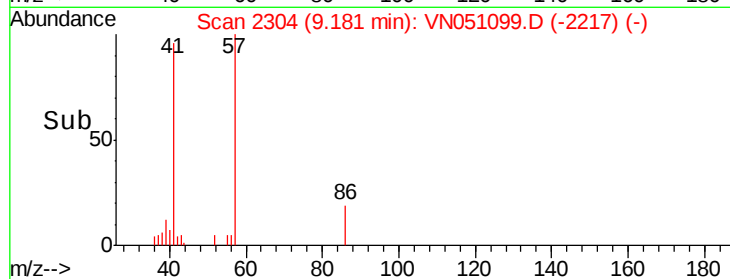
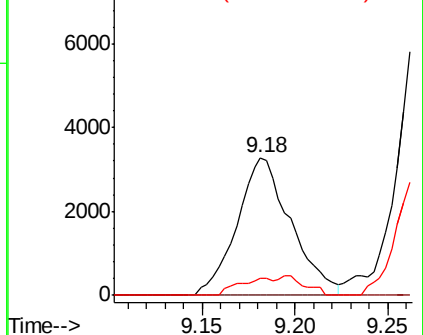
#48
Methvl methacrylate
Concen: 1.22 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN051099.D
Acq: 11 Sep 2018 00:46

Instrument :
MSVOA_N
ClientSampleId :
PL-05-090718-A

Tot Ion: 41 Resp: 6617
Ion Ratio Lower Upper
41 100
69 0.0 77.7 116.5#
39 8.2 41.6 62.4#

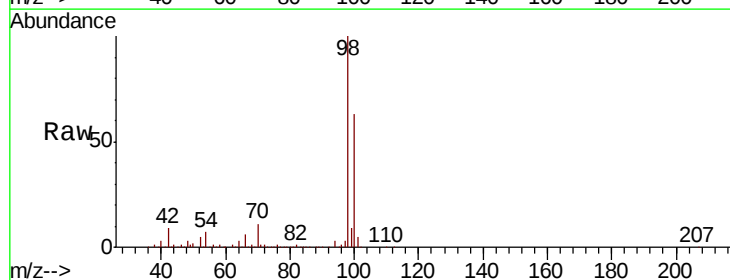


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

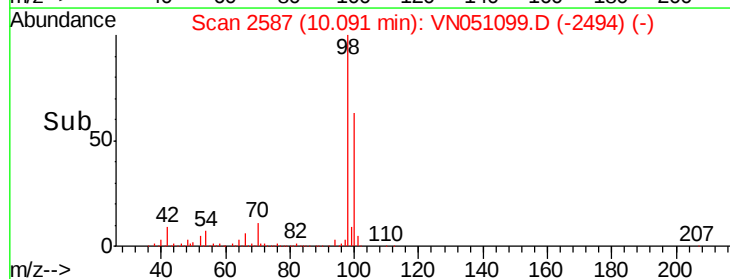
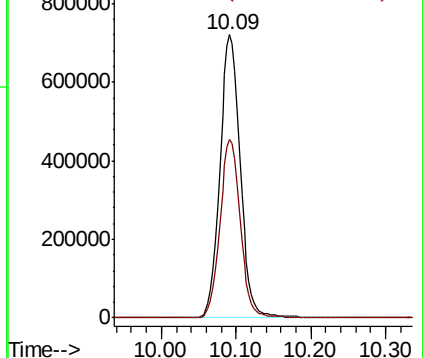


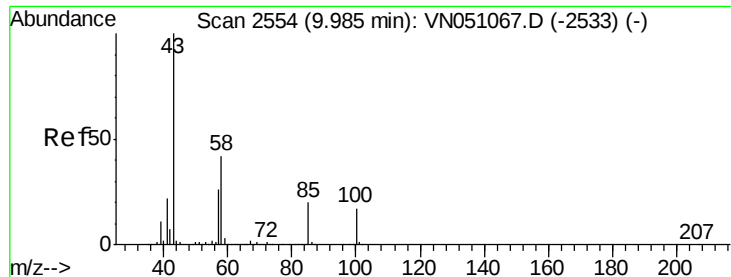
#50
Toluene-d8
Concen: 47.88 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051099.D
Acq: 11 Sep 2018 00:46

Tgt Ion: 98 Resp: 1353437
Ion Ratio Lower Upper
98 100
100 63.1 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: 0.35 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

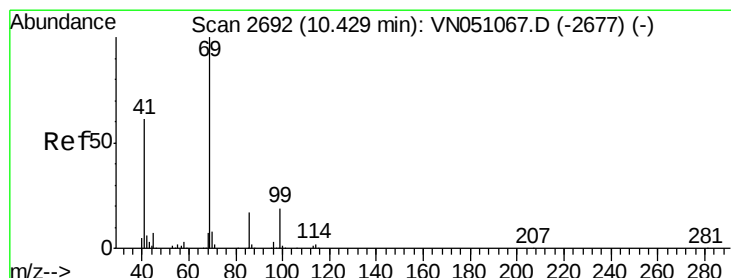
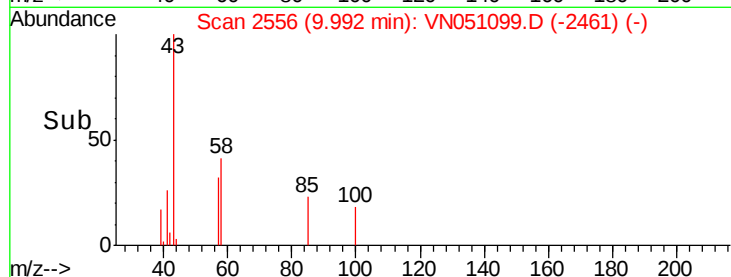
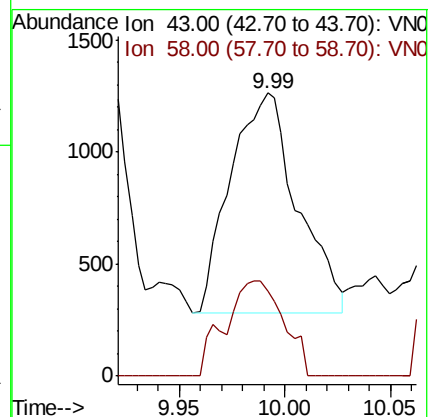
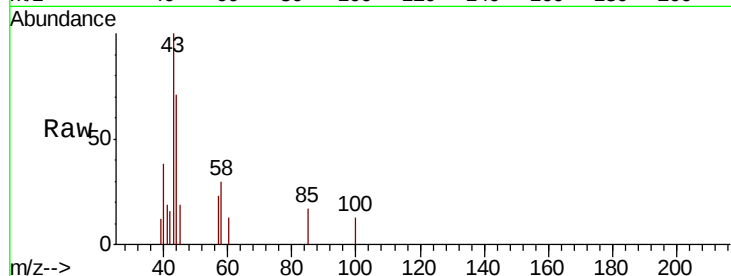
PL-05-090718-A

Tot Ion: 43 Resp: 2168

Ion Ratio Lower Upper

43 100

58 37.8 33.5 50.3



#56

Ethyl methacrylate

Concen: 2.64 ug/l

RT: 10.23 min Scan# 2629

Delta R.T. -0.20 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

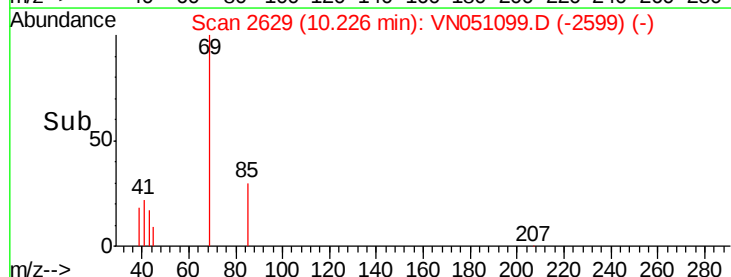
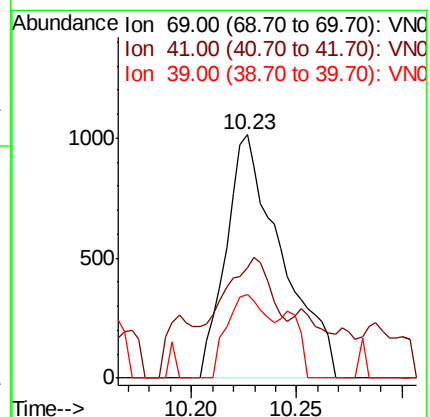
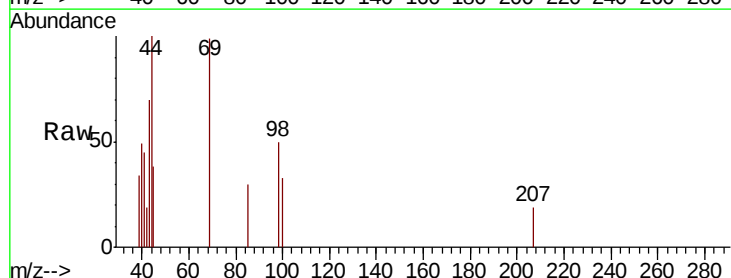
Tgt Ion: 69 Resp: 1859

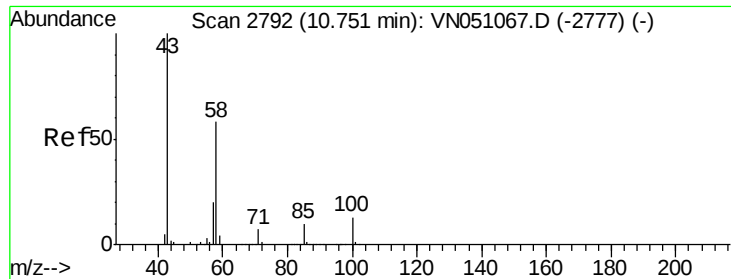
Ion Ratio Lower Upper

69 100

41 24.5 47.8 71.8#

39 25.3 23.0 34.4

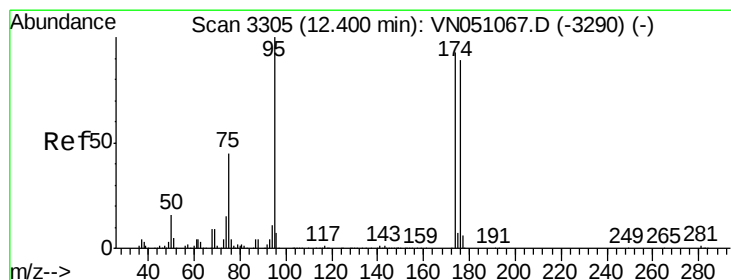
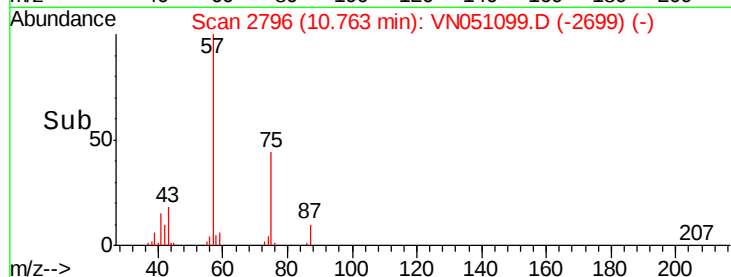
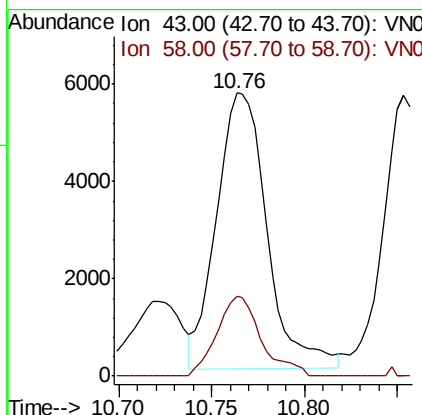
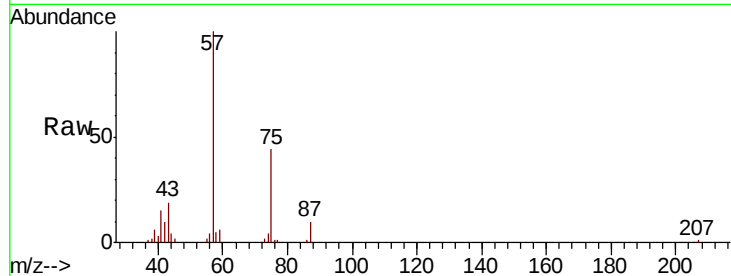




#59
2-Hexanone
Concen: 2.58 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN051099.D
Acq: 11 Sep 2018 00:46

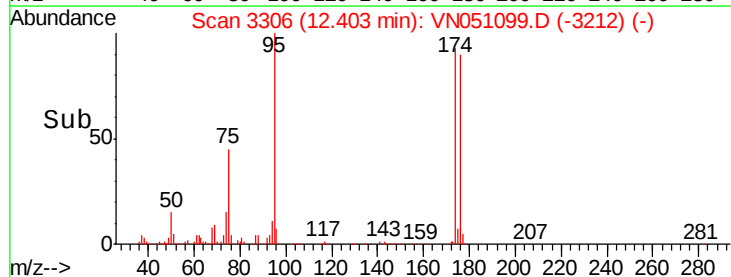
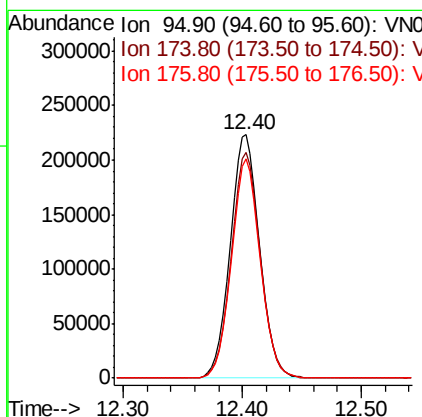
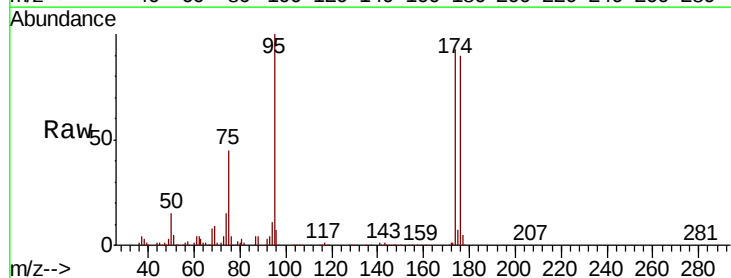
Instrument :
MSVOA_N
ClientSampleId :
PL-05-090718-A

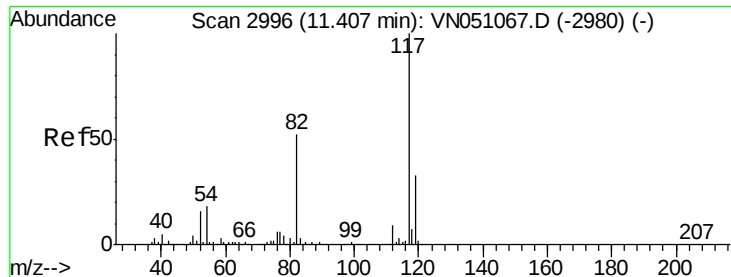
Tot Ion: 43 Resp: 10751
Ion Ratio Lower Upper
43 100
58 25.3 29.3 88.0#



#62
4-Bromofluorobenzene
Concen: 40.65 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051099.D
Acq: 11 Sep 2018 00:46

Tgt Ion: 95 Resp: 380127
Ion Ratio Lower Upper
95 100
174 91.9 0.0 184.8
176 88.4 0.0 178.6

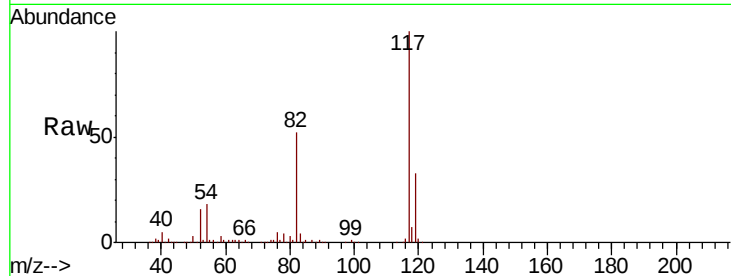




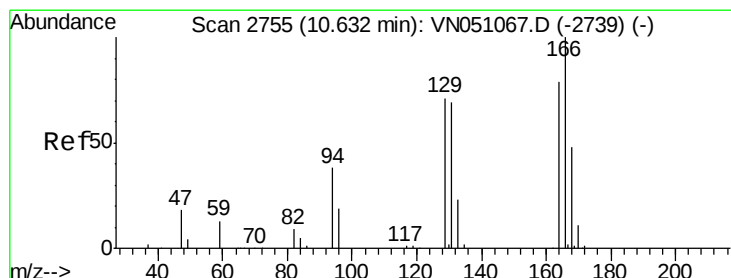
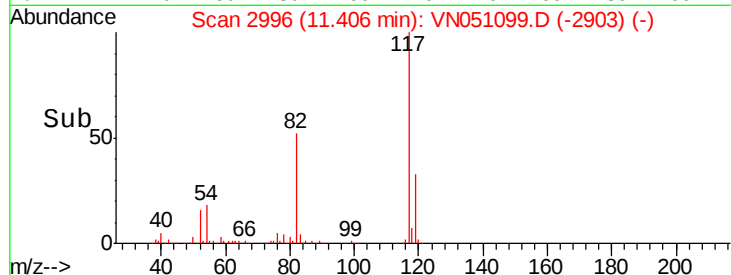
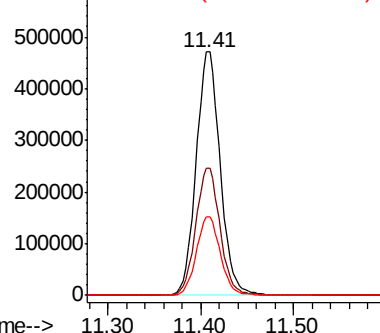
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051099.D
Acq: 11 Sep 2018 00:46

Instrument :
MSVOA_N
ClientSampleId :
PL-05-090718-A

Tot Ion:117 Resp: 846831
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.6
119 32.5 26.2 39.2

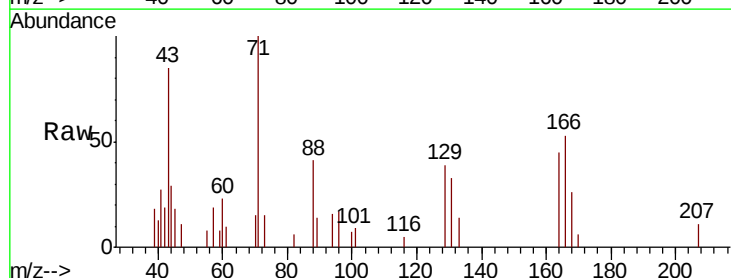


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

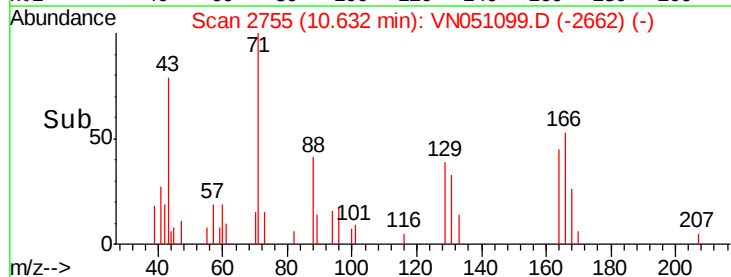
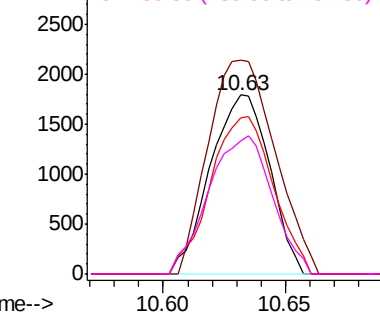


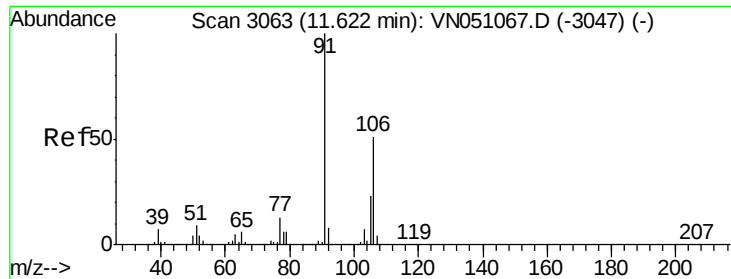
#64
Tetrachloroethene
Concen: 0.39 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051099.D
Acq: 11 Sep 2018 00:46

Tgt Ion:164 Resp: 3027
Ion Ratio Lower Upper
164 100
166 119.4 101.3 151.9
129 87.7 72.2 108.2
131 74.8 70.2 105.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

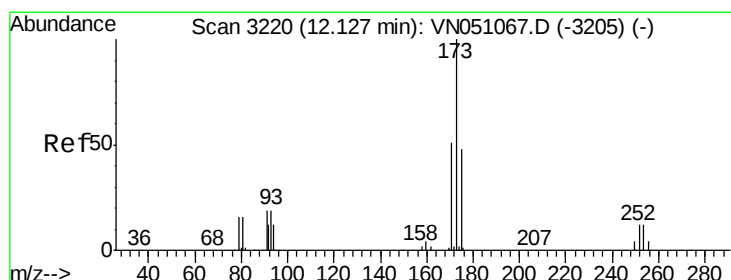
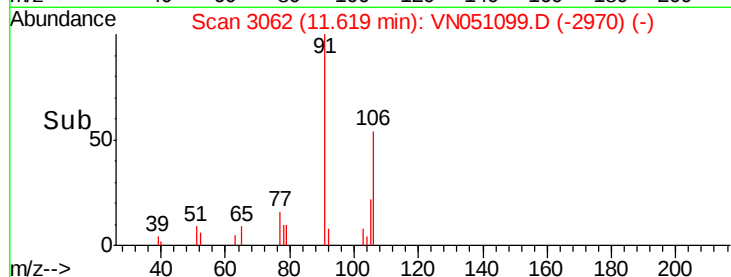
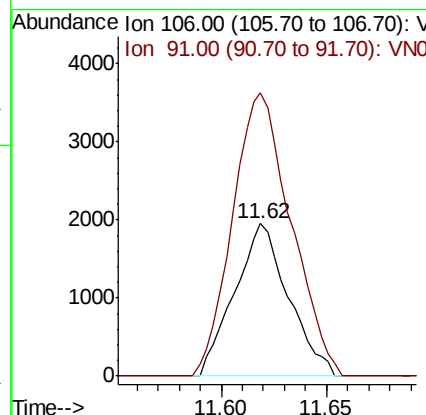
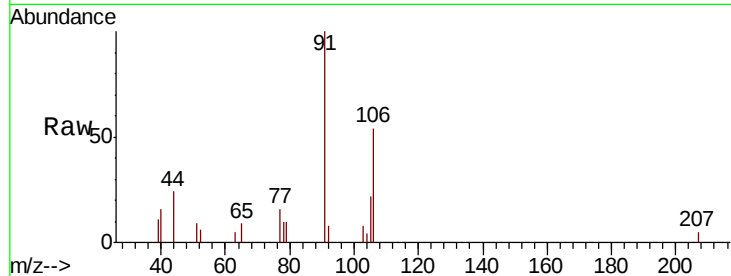




#68
m/p-Xvlenes
Concen: 0.26 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051099.D
Acq: 11 Sep 2018 00:46

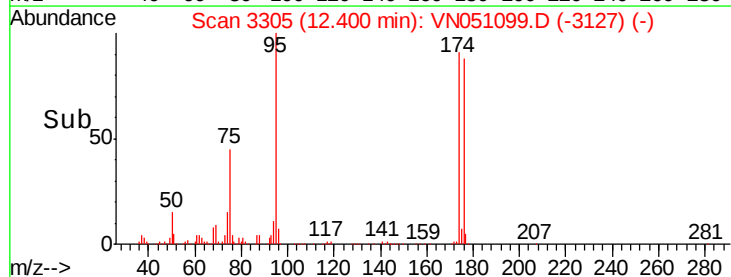
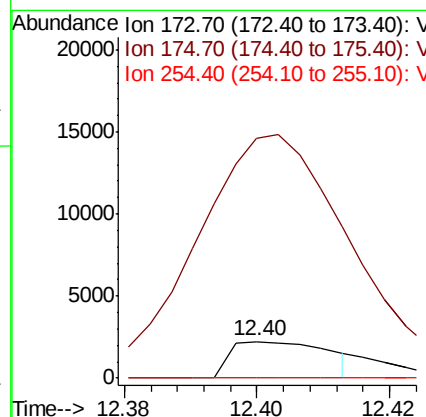
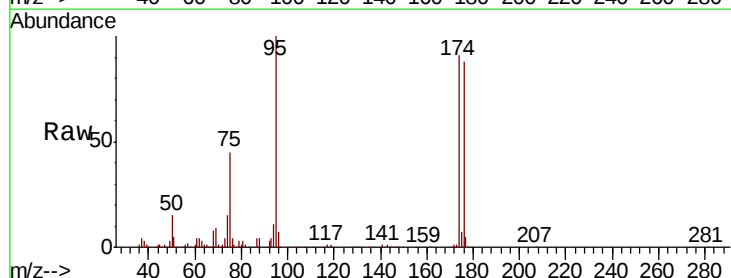
Instrument :
MSVOA_N
ClientSampleId :
PL-05-090718-A

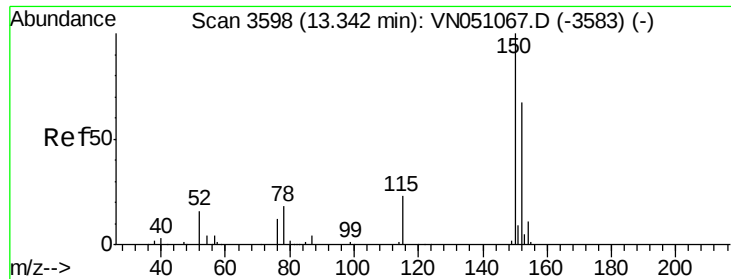
Tot Ion:106 Resp: 3464
Ion Ratio Lower Upper
106 100
91 201.4 159.8 239.6



#71
Bromoform
Concen: 0.42 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN051099.D
Acq: 11 Sep 2018 00:46

Tgt Ion:173 Resp: 2299
Ion Ratio Lower Upper
173 100
175 902.8 24.3 72.9#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

PL-05-090718-A

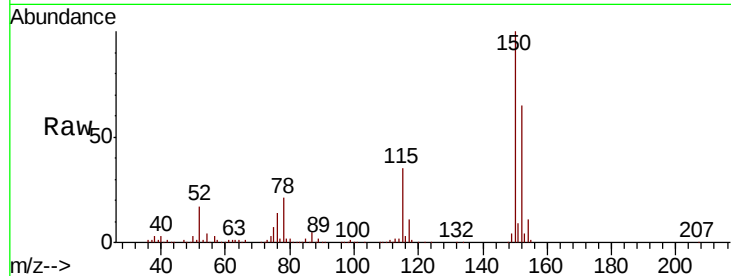
Tot Ion:152 Resp: 292654

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

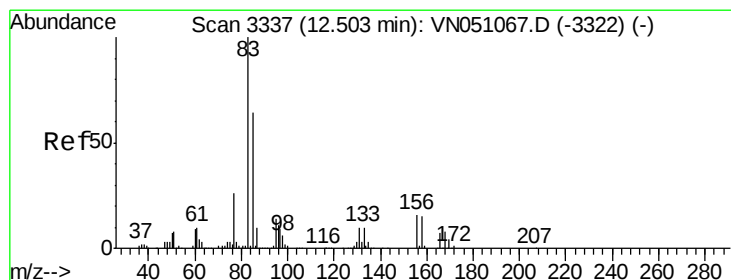
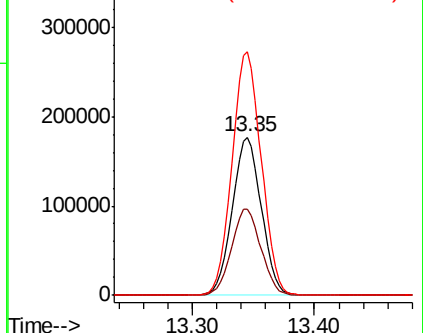
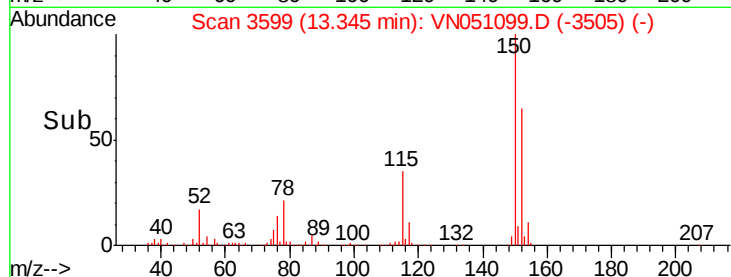
150 154.9 0.0 349.0



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: 12.40 min Scan# 3305

Delta R.T. -0.10 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

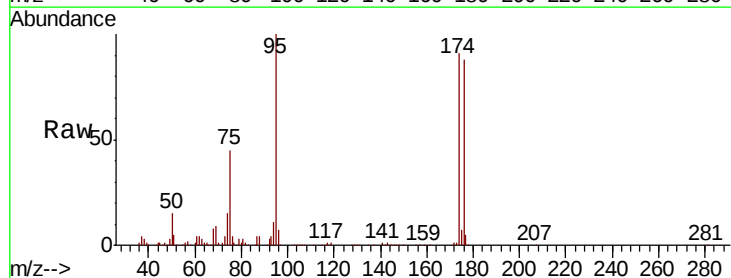
Tgt Ion: 83 Resp: 31

Ion Ratio Lower Upper

83 100

131 1409.7 5.3 16.1#

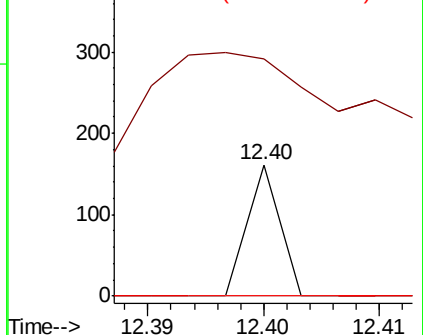
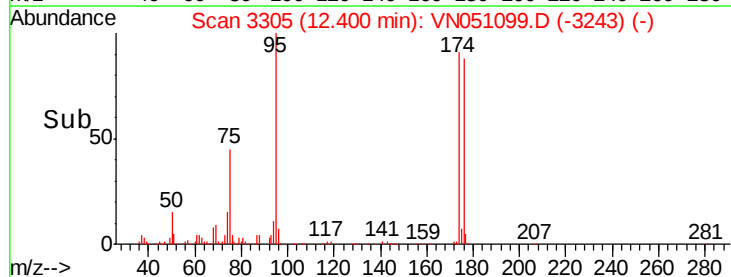
85 0.0 32.3 96.8#

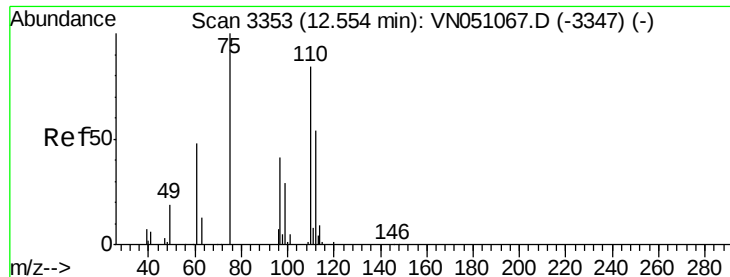


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): V





#76

1,2,3-Trichloropropane

Concen: 37.60 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

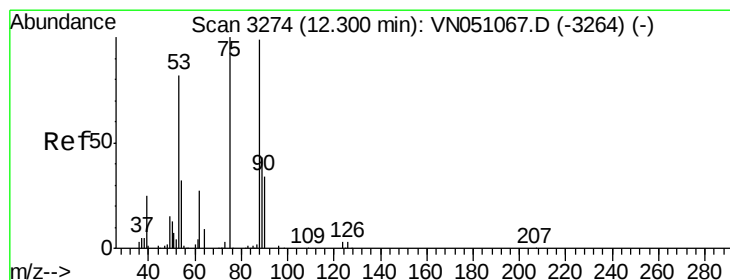
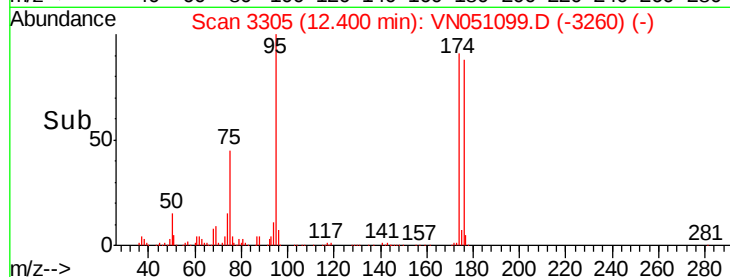
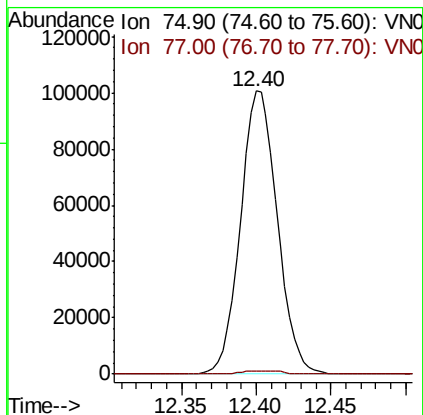
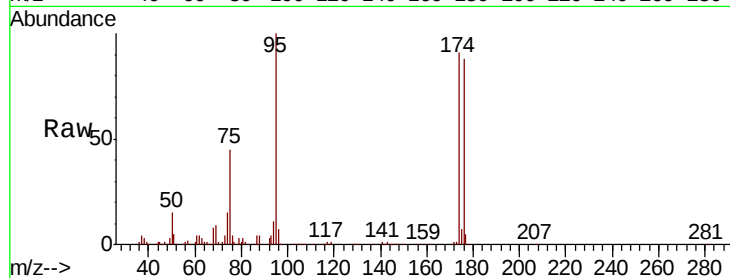
PL-05-090718-A

Tot Ion: 75 Resp: 172268

Ion Ratio Lower Upper

75 100

77 0.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 111.79 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

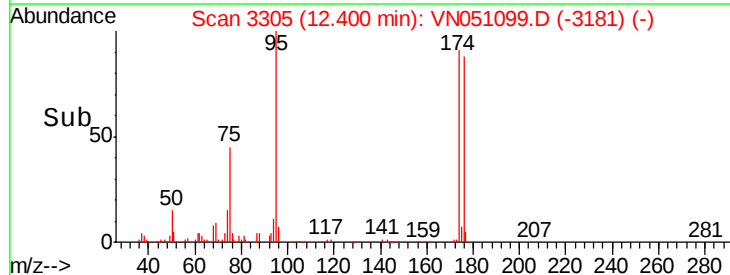
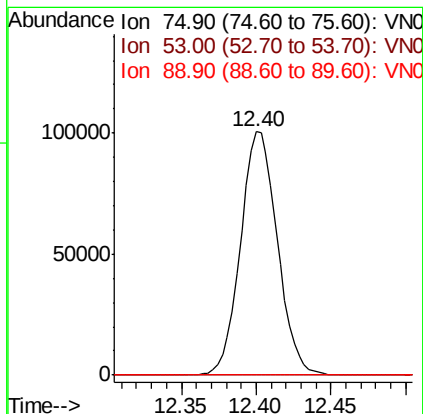
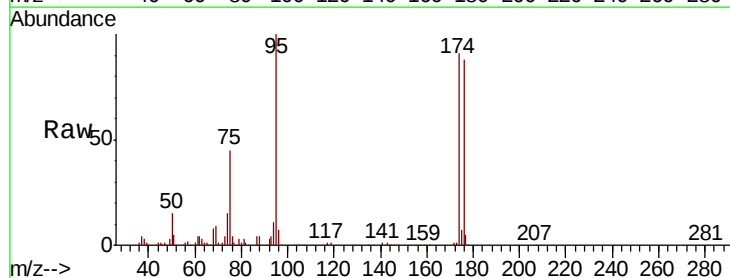
Tgt Ion: 75 Resp: 172268

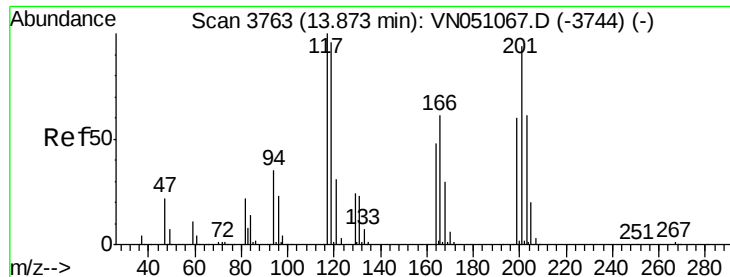
Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.8#

89 0.0 36.0 54.0#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.95 min Scan# 3787

Delta R.T. 0.08 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

Instrument :

MSVOA_N

ClientSampleId :

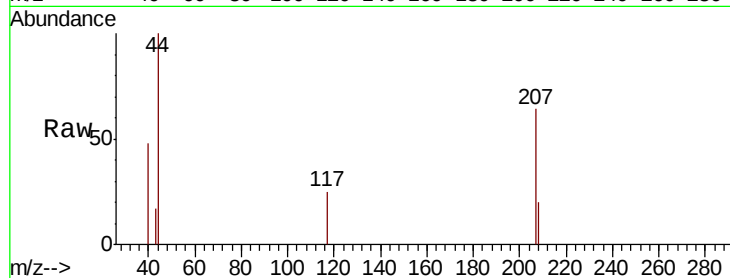
PL-05-090718-A

Tot Ion:117 Resp: 191

Ion Ratio Lower Upper

117 100

201 0.0 47.3 142.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.95

250

200

150

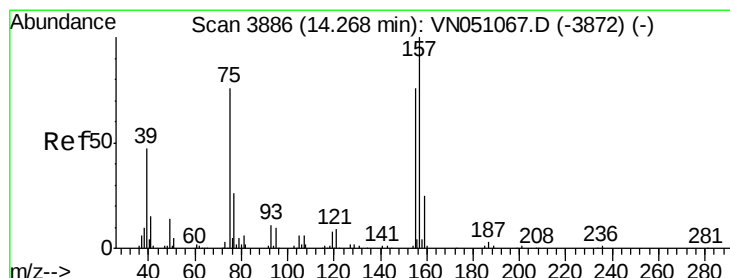
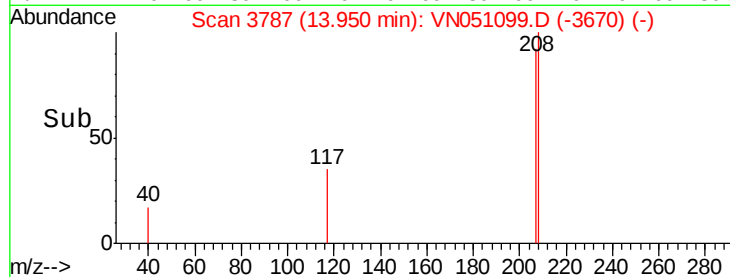
100

50

0

Time-->

13.94 13.96



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.73 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN051099.D

Acq: 11 Sep 2018 00:46

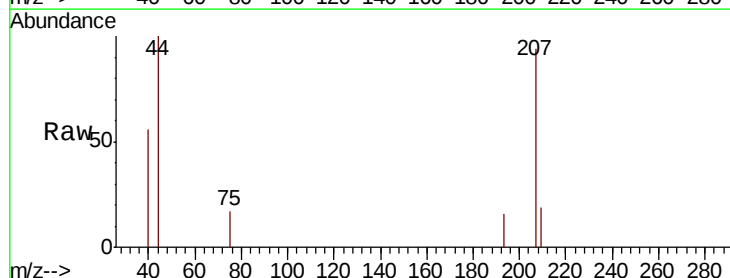
Tgt Ion: 75 Resp: 61

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

200

150

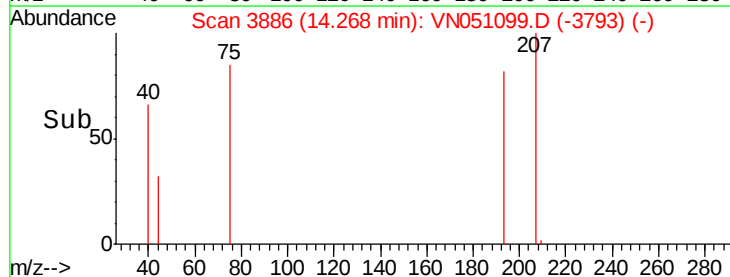
100

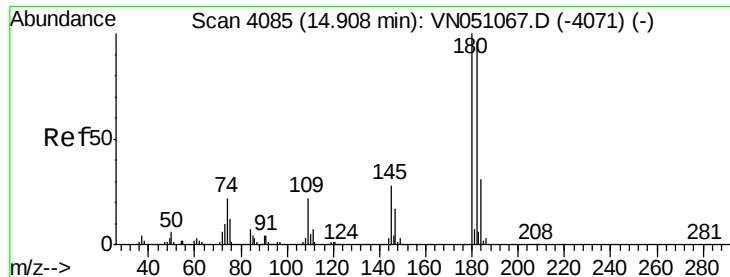
50

0

Time-->

14.26 14.27

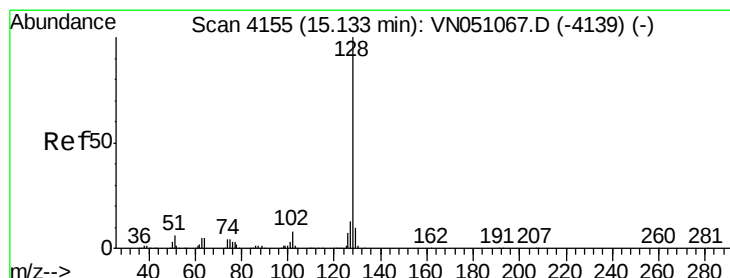
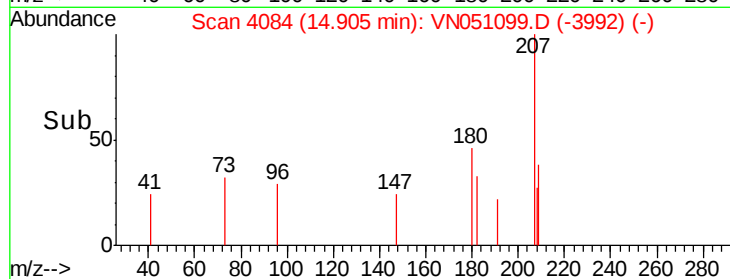
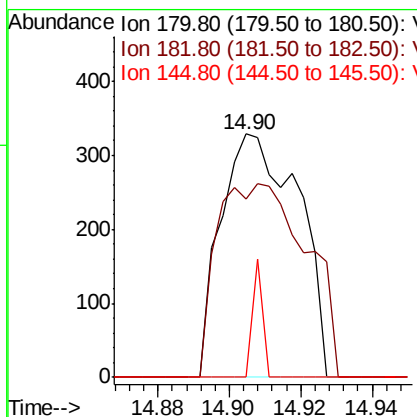
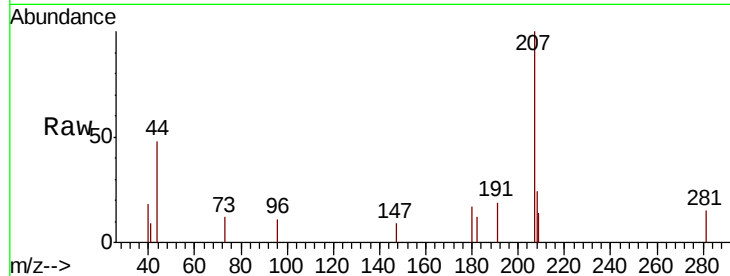




#93
 1,2,4-Trichlorobenzene
 Concen: 4.07 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

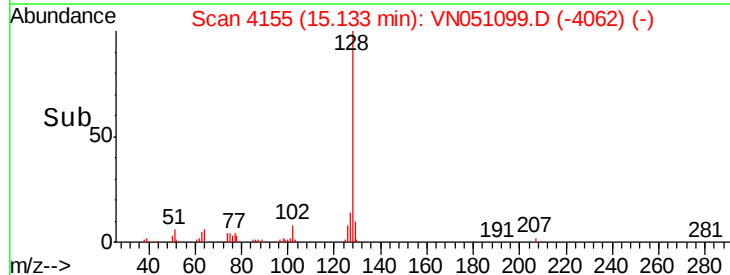
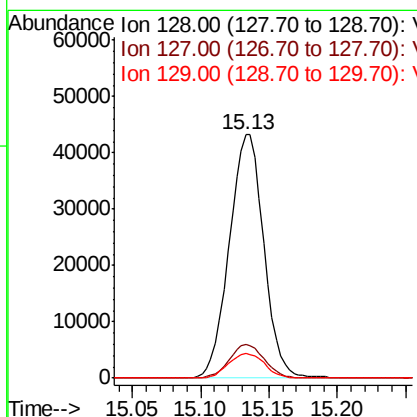
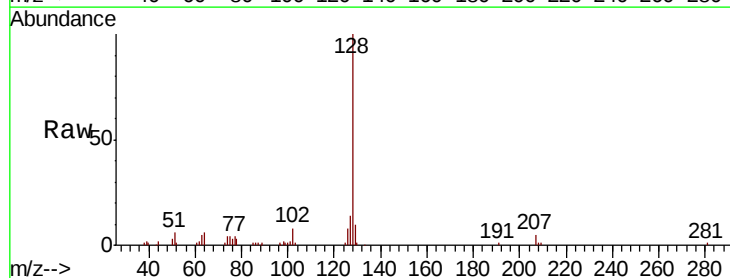
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-090718-A

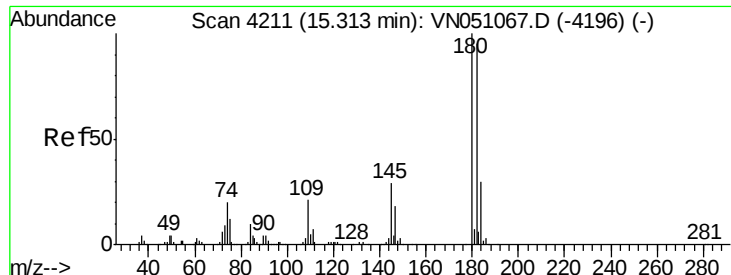
Tot Ion:180 Resp: 493
 Ion Ratio Lower Upper
 180 100
 182 91.7 47.3 141.8
 145 6.3 14.2 42.6#



#95
 Naphthalene
 Concen: 11.50 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

Tgt Ion:128 Resp: 75941
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.6 15.8
 129 10.3 8.6 12.8

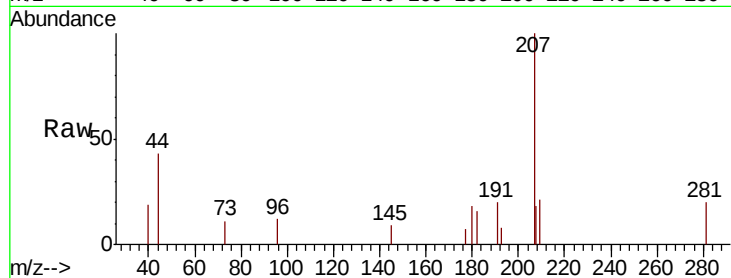




#96
 1,2,3-Trichlorobenzene
 Concen: 3.04 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN051099.D
 Acq: 11 Sep 2018 00:46

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-05-090718-A

Tot Ion	Ratio	Lower	Upper
180	100		
182	86.0	47.8	143.3
145	46.2	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

