

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055446.D
 Acq On : 7 May 2019 18:51
 Operator : JC/SP
 Sample : K2658-25
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 08 05:51:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	506661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	782535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	632575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	178947	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	325331	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
35) Dibromofluoromethane	7.59	113	248789	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	10.09	98	924574	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.40	95	272726	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	

Target Compounds

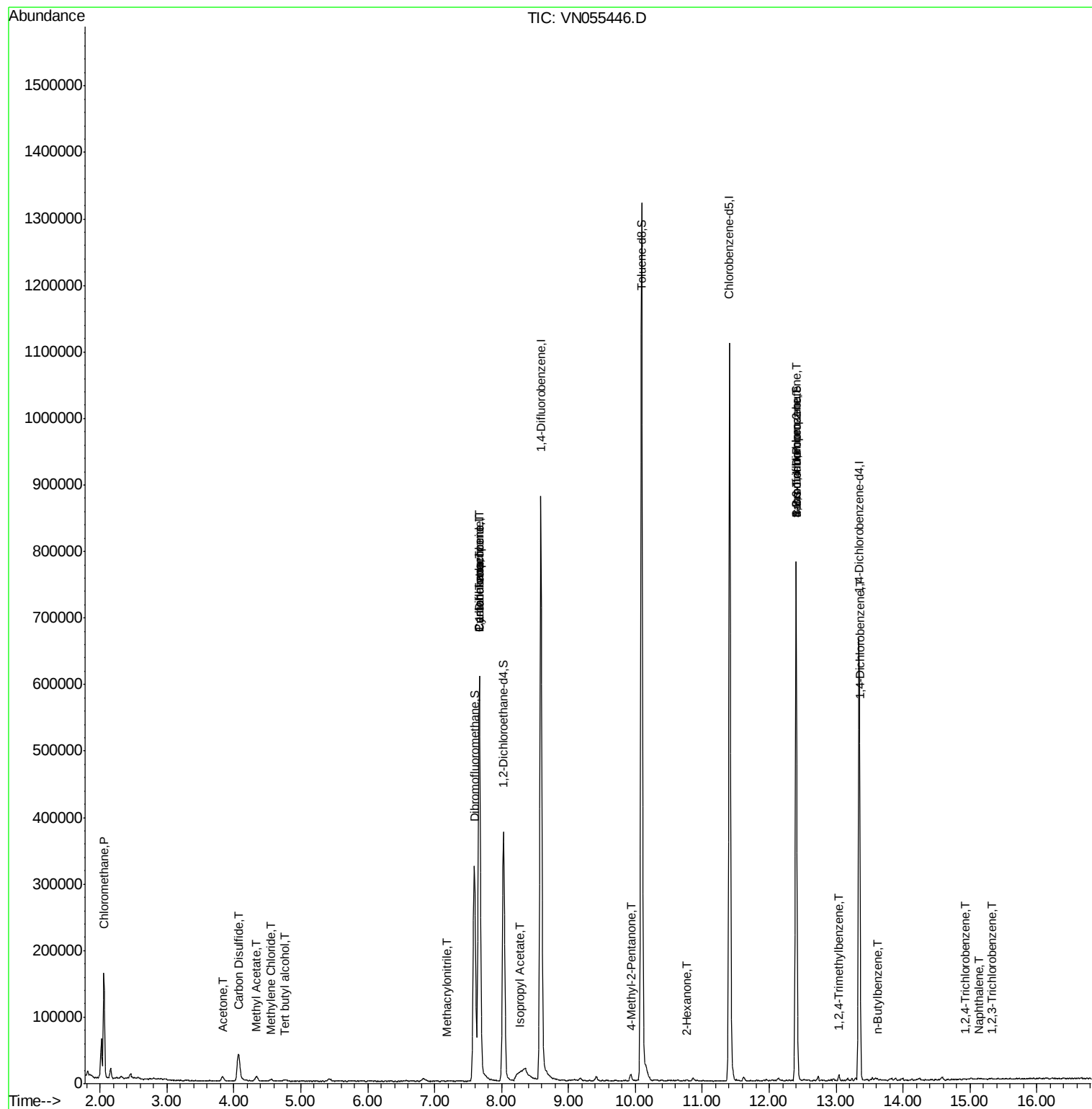
					Qvalue	
3) Chloromethane	2.06	50	138671	18.040	ug/l	97
11) Tert butyl alcohol	4.77	59	162	0.427	ug/l #	73
16) Acetone	3.83	43	10248	4.962	ug/l	92
17) Carbon Disulfide	4.06	76	4410	0.338	ug/l #	89
18) Methyl Acetate	4.34	43	13229	1.627	ug/l #	87
20) Methylene Chloride	4.55	84	1365	0.217	ug/l #	73
31) Cyclohexane	7.66	56	12124	1.163	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	40000	5.337	ug/l #	50
38) Carbon Tetrachloride	7.67	117	47257	6.536	ug/l #	16
41) Methacrylonitrile	7.18	41	31	0.750	ug/l #	1
43) Isopropyl Acetate	8.27	43	16061	1.740	ug/l #	56
51) 4-Methyl-2-Pentanone	9.93	43	5824	1.120	ug/l #	39
59) 2-Hexanone	10.76	43	702	0.216	ug/l	84
71) Bromoform	12.40	173	2591	0.964	ug/l #	1
73) Isopropylbenzene	12.25	105	920	Below Cal	#	63
75) 1,1,2,2-Tetrachloroethane	12.55	83	59	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	140100	41.703	ug/l #	100
79) 2-Chlorotoluene	12.67	91	701	Below Cal	#	57
81) trans-1,4-Dichloro-2-buten	12.40	75	140100	148.367	ug/l #	7
83) tert-Butylbenzene	12.99	119	786	Below Cal	#	83
84) 1,2,4-Trimethylbenzene	13.04	105	5422	0.432	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1189	0.211	ug/l #	1
89) n-Butylbenzene	13.62	91	2008	0.225	ug/l	92
90) Hexachloroethane	13.89	117	276	Below Cal	#	7
93) 1,2,4-Trichlorobenzene	14.91	180	355	3.452	ug/l #	53
94) Hexachlorobutadiene	15.00	225	421	Below Cal	#	34
95) Naphthalene	15.13	128	699	3.459	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.31	180	568	2.846	ug/l #	82

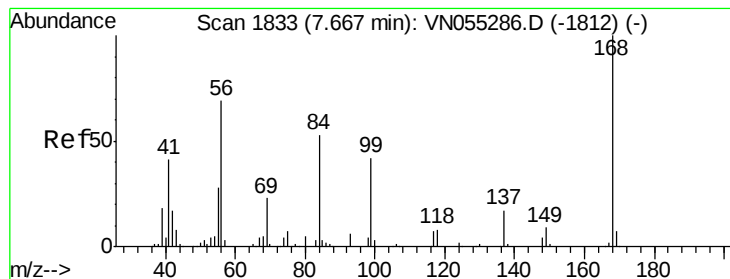
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

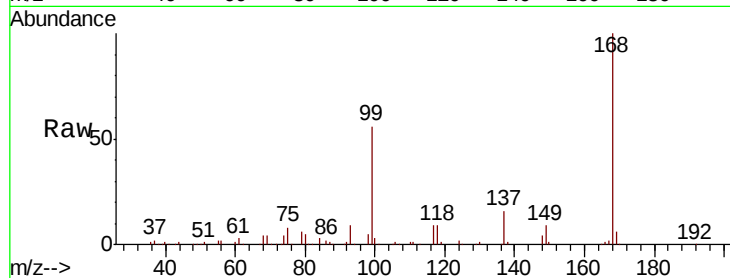
TRIP-BLANK

Tot Ion:168 Resp: 506661

Ion Ratio Lower Upper

168 100

99 56.4 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

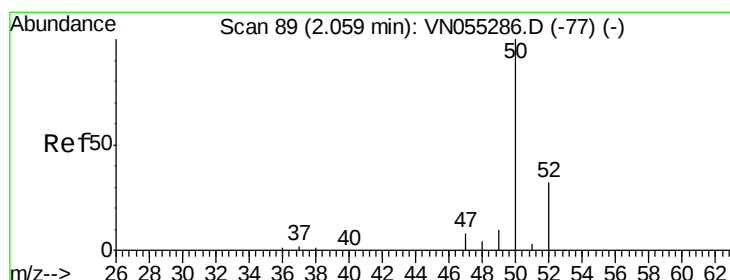
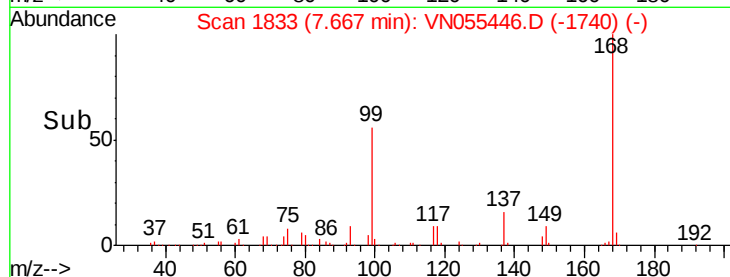
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 18.040 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055446.D

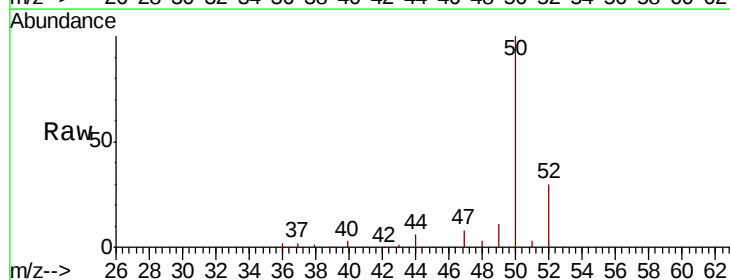
Acq: 7 May 2019 18:51

Tgt Ion: 50 Resp: 138671

Ion Ratio Lower Upper

50 100

52 30.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.06

100000

80000

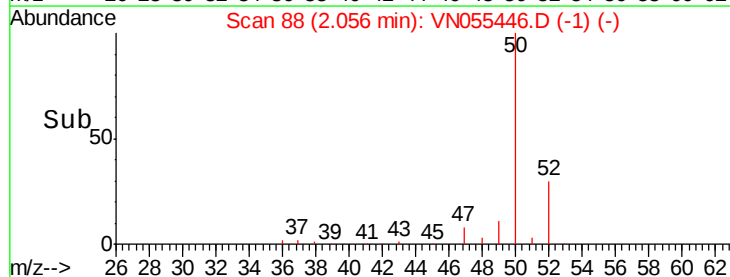
60000

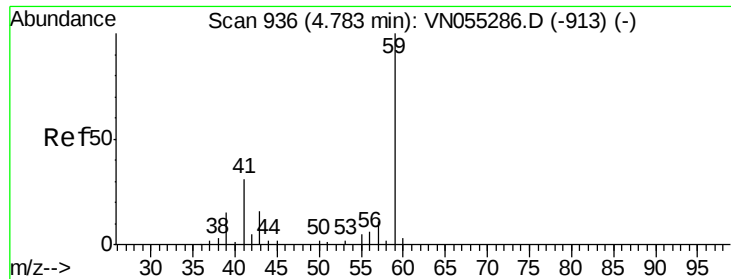
40000

20000

0

Time-->

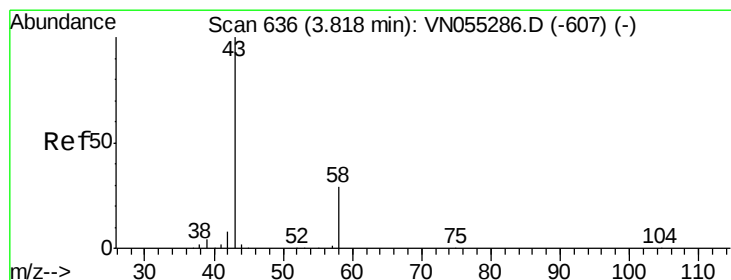
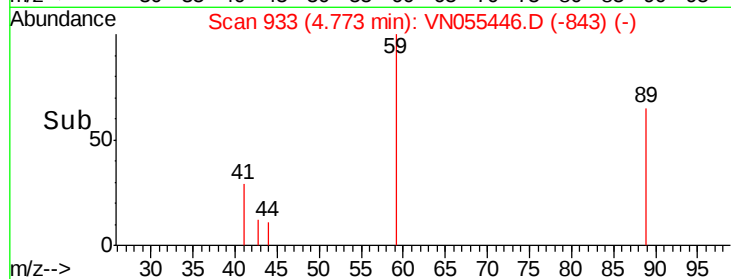
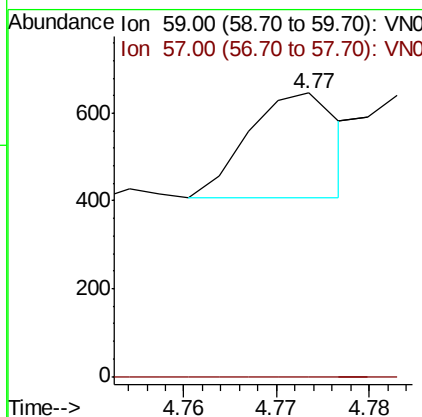
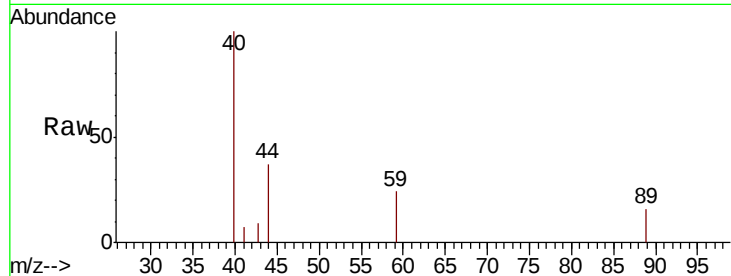




#11
Tert butyl alcohol
Concen: 0.427 ug/l
RT: 4.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: VN055446.D
Acq: 7 May 2019 18:51

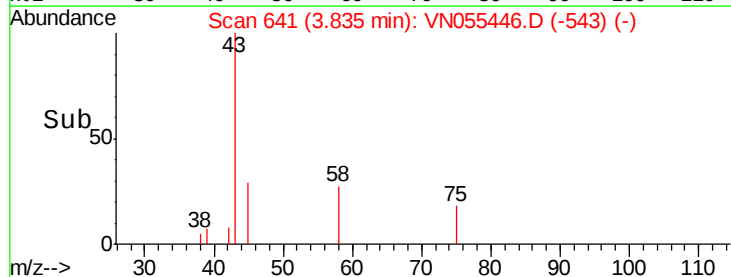
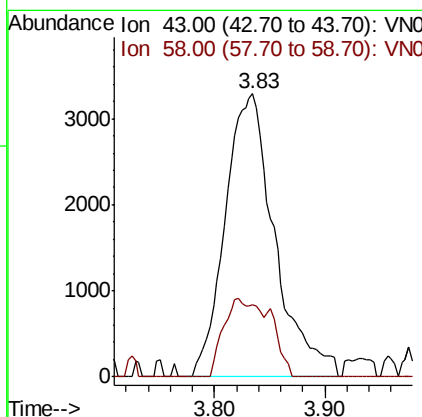
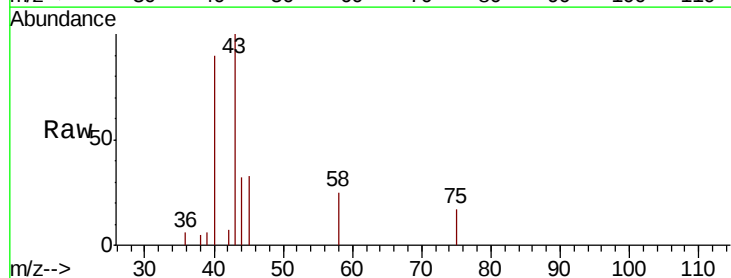
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

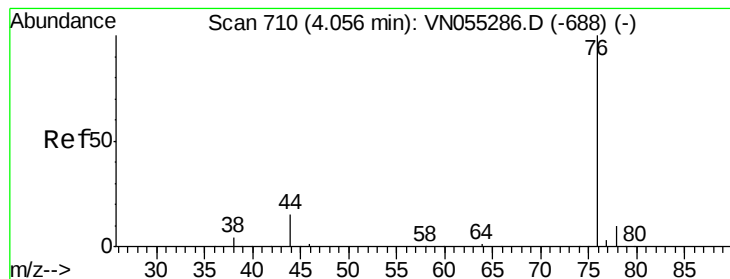
Tot Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 4.962 ug/l
RT: 3.83 min Scan# 641
Delta R.T. 0.02 min
Lab File: VN055446.D
Acq: 7 May 2019 18:51

Tgt Ion: 43 Resp: 10248
Ion Ratio Lower Upper
43 100
58 25.3 23.6 35.4





#17

Carbon Disulfide

Concen: 0.338 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

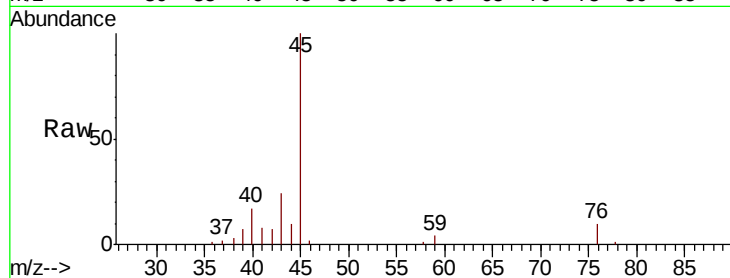
TRIP-BLANK

Tot Ion: 76 Resp: 4410

Ion Ratio Lower Upper

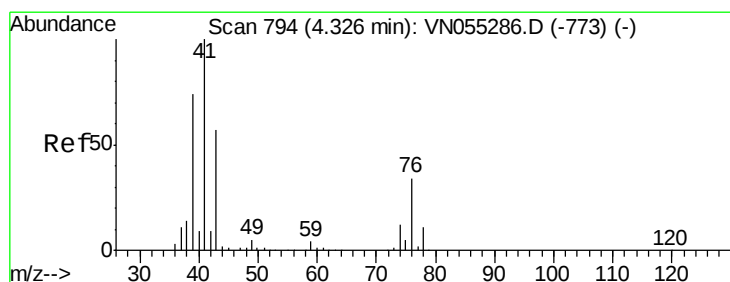
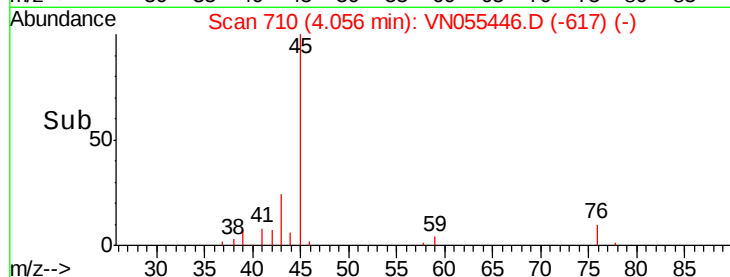
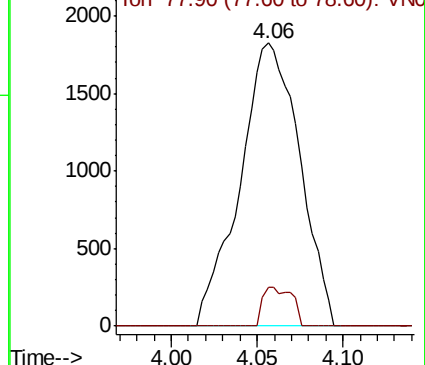
76 100

78 13.6 7.6 11.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 1.627 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN055446.D

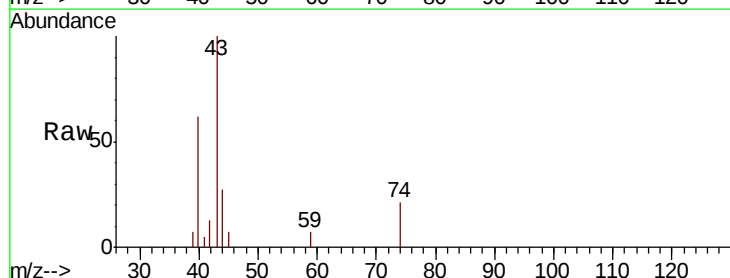
Acq: 7 May 2019 18:51

Tgt Ion: 43 Resp: 13229

Ion Ratio Lower Upper

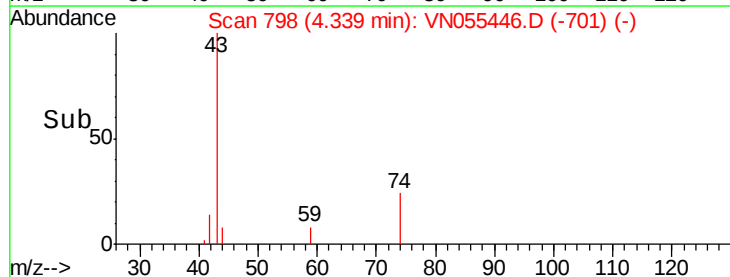
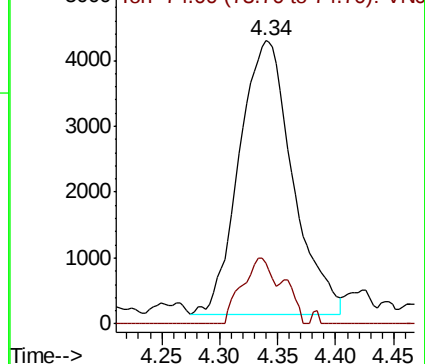
43 100

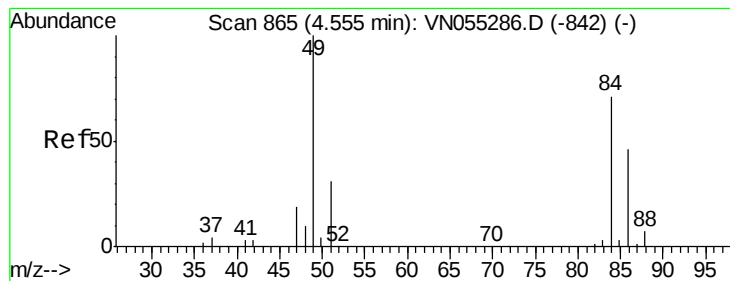
74 13.8 15.8 23.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methylene Chloride

Concen: 0.217 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

Tot Ion: 84 Resp: 1365

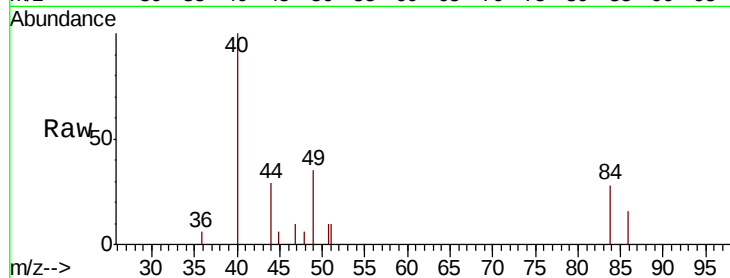
Ion Ratio Lower Upper

84 100

49 105.8 112.4 168.6#

51 73.3 34.6 51.8#

86 56.3 51.9 77.9



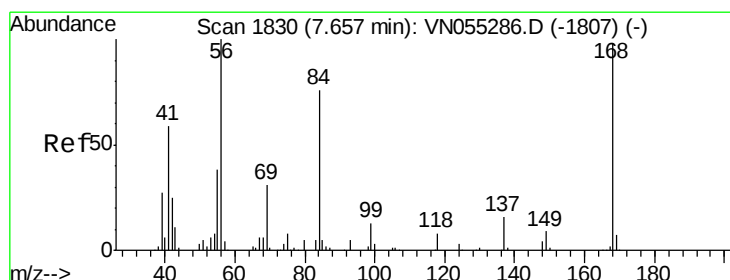
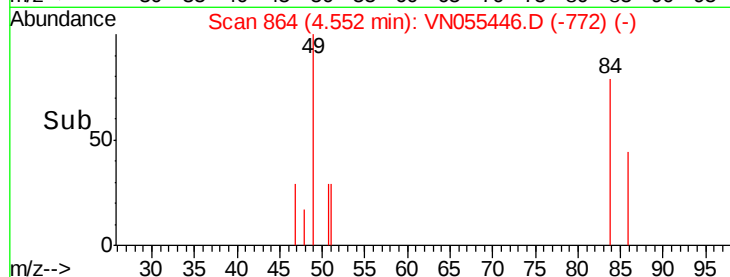
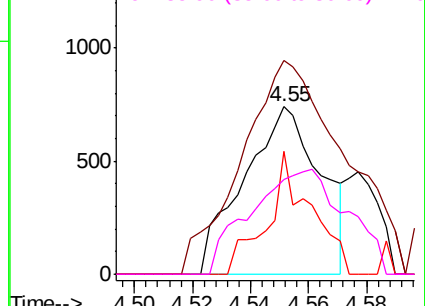
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#31

Cyclohexane

Concen: 1.163 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

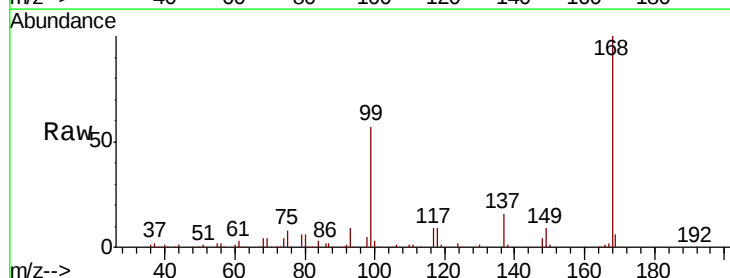
Tgt Ion: 56 Resp: 12124

Ion Ratio Lower Upper

56 100

69 170.7 25.2 37.8#

84 122.1 61.1 91.7#

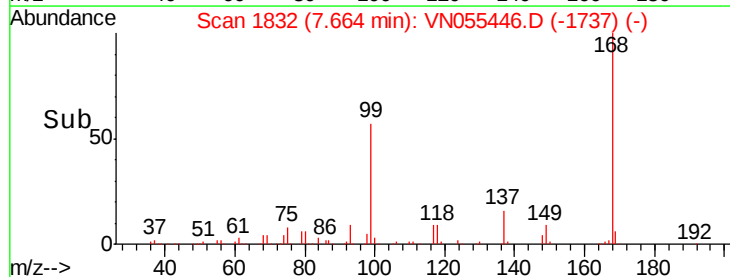
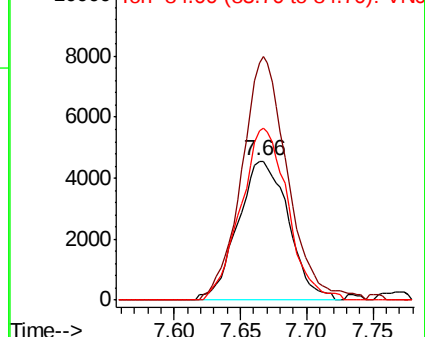


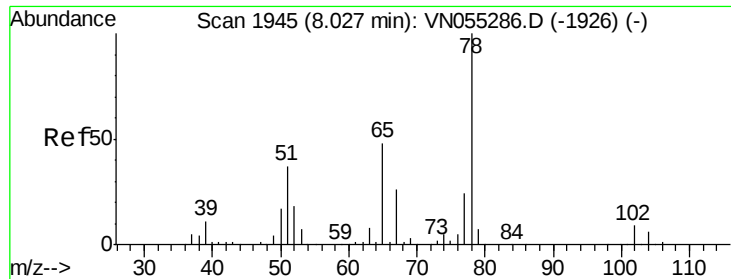
Abundance

Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

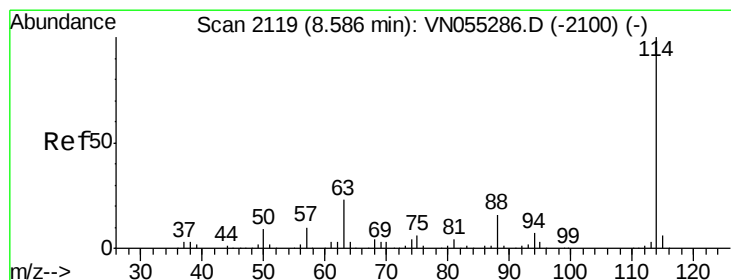
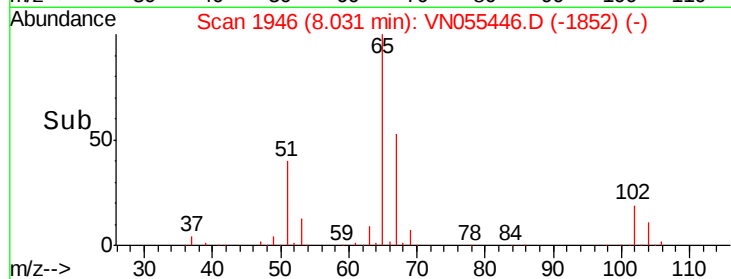
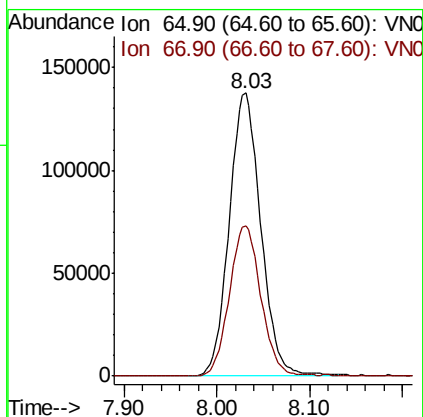
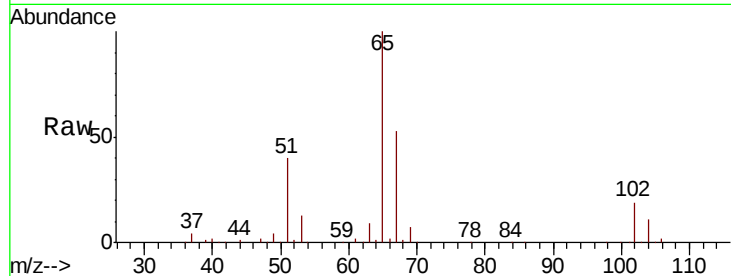




#33
 1,2-Dichloroethane-d4
 Concen: 49.082 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055446.D
 Acq: 7 May 2019 18:51

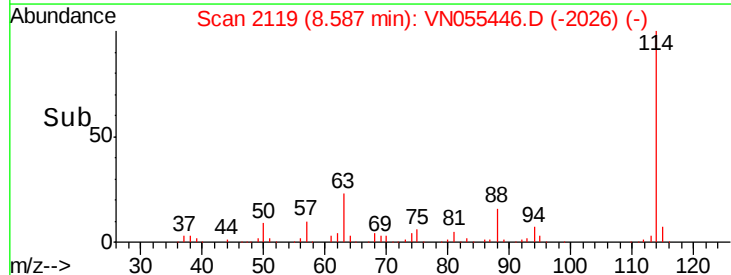
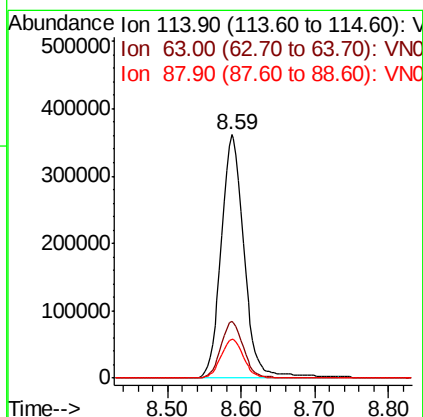
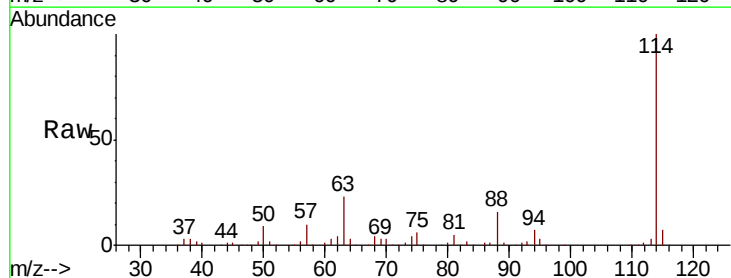
Instrument :
 MSVOA_N
 ClientSampleId :
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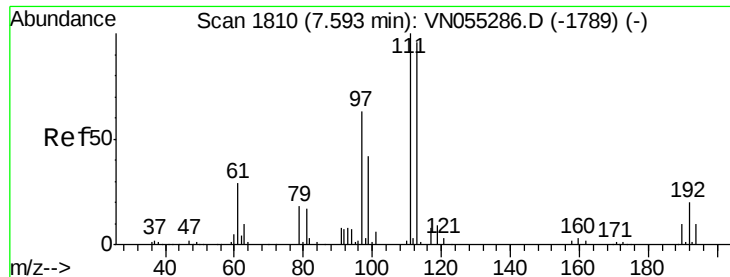
Tot Ion: 65 Resp: 325331
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055446.D
 Acq: 7 May 2019 18:51

Tgt Ion: 114 Resp: 782535
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.2
 88 16.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.437 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

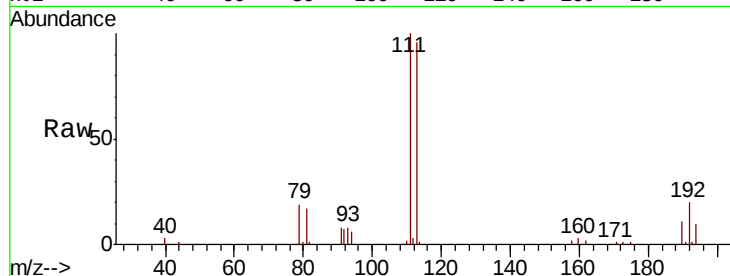
Tot Ion:113 Resp: 248789

Ion Ratio Lower Upper

113 100

111 104.2 82.3 123.5

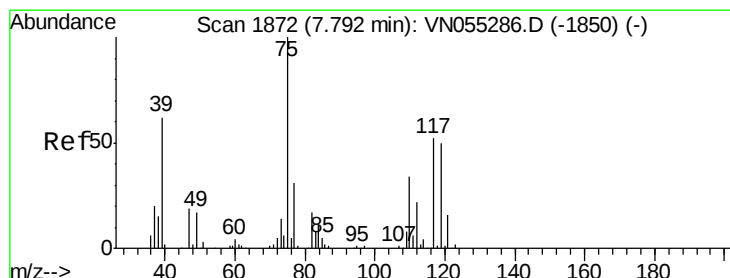
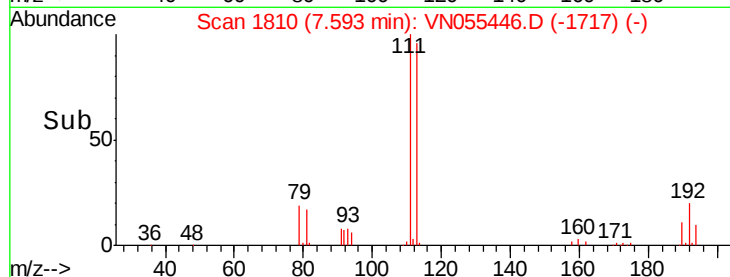
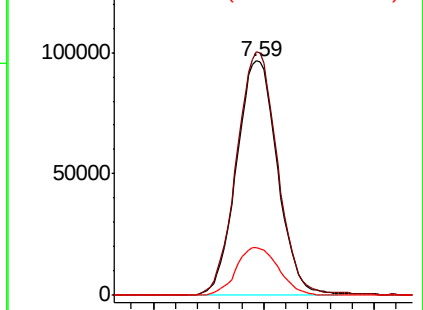
192 21.1 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.337 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

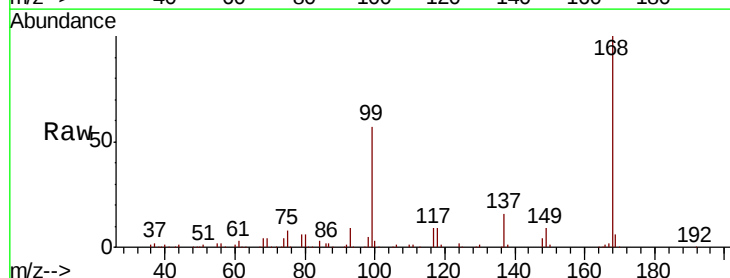
Tgt Ion: 75 Resp: 40000

Ion Ratio Lower Upper

75 100

110 8.3 16.8 50.4#

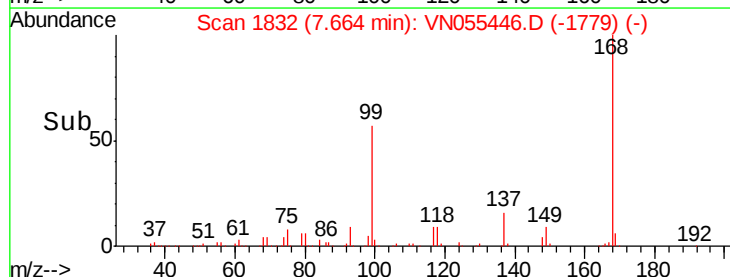
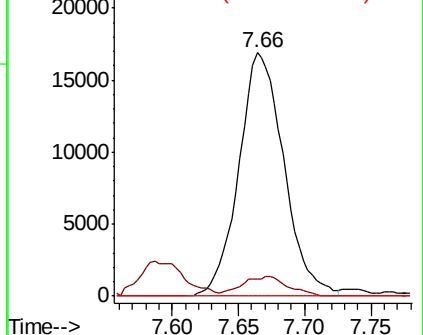
77 0.0 25.0 37.6#

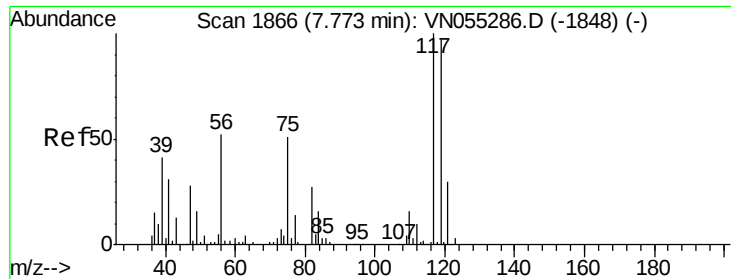


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.536 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

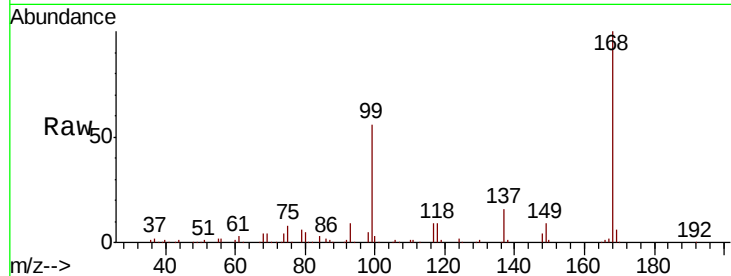
Tot Ion:117 Resp: 47257

Ion Ratio Lower Upper

117 100

119 5.8 77.0 115.6#

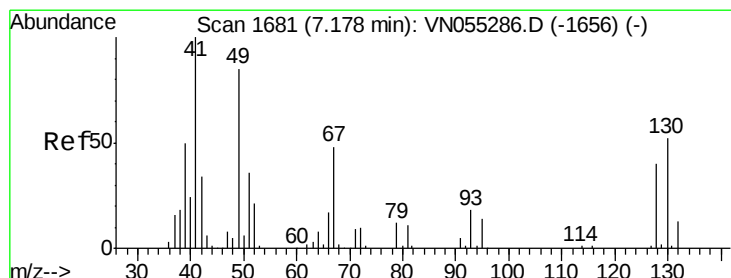
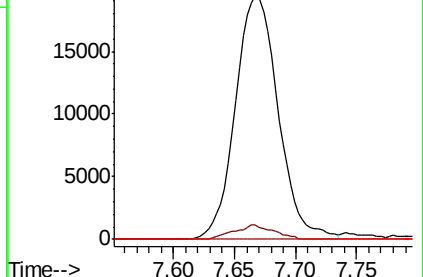
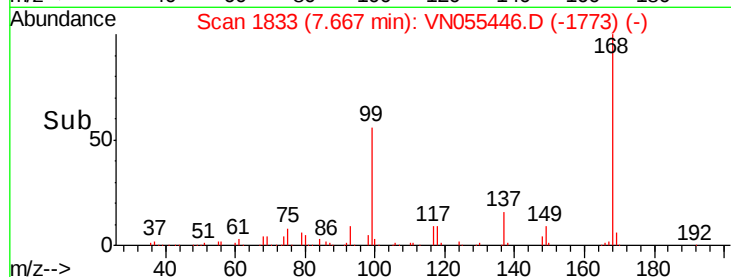
121 0.0 23.8 35.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.750 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

Tgt Ion: 41 Resp: 31

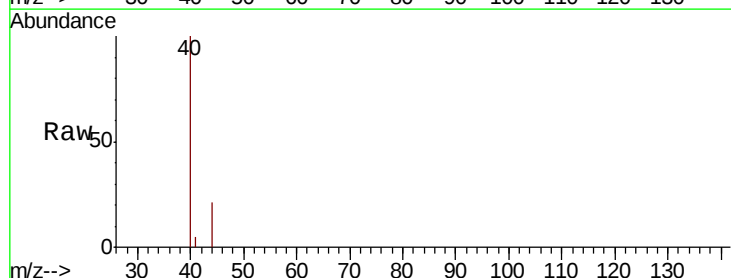
Ion Ratio Lower Upper

41 100

39 200.0 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#

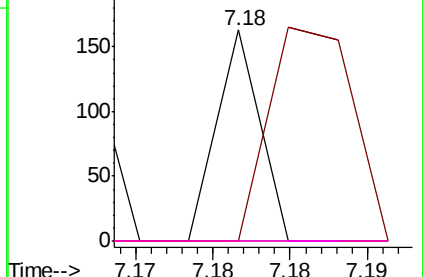
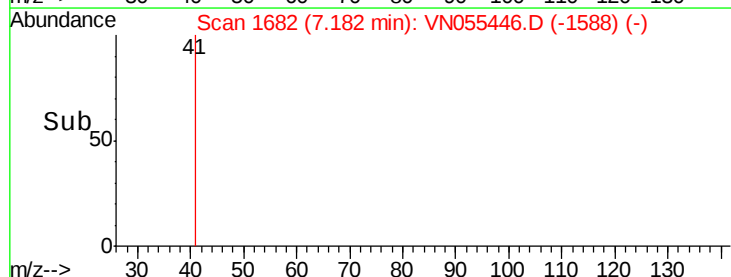


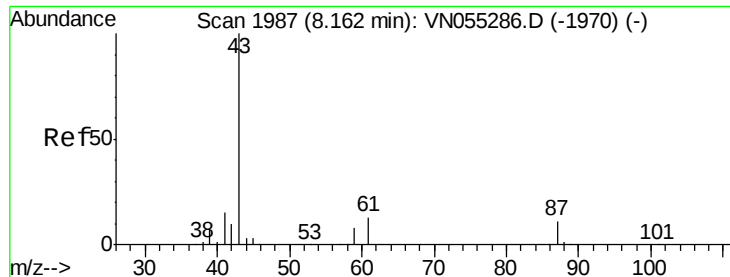
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 1.740 ug/l

RT: 8.27 min Scan# 2019

Delta R.T. 0.10 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

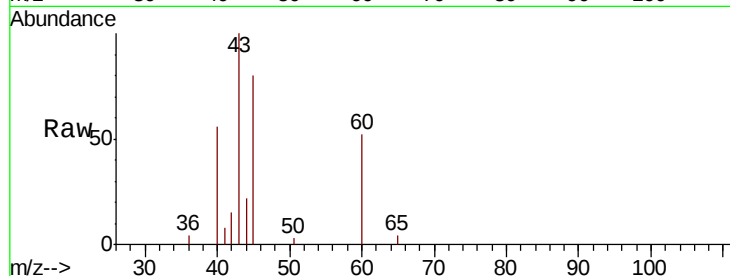
Tot Ion: 43 Resp: 16061

Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

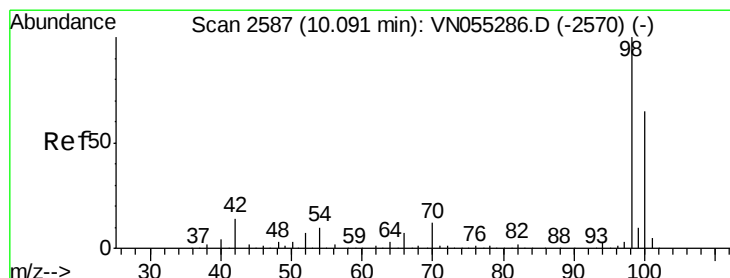
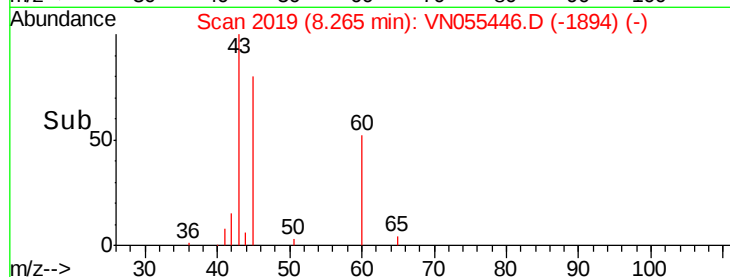
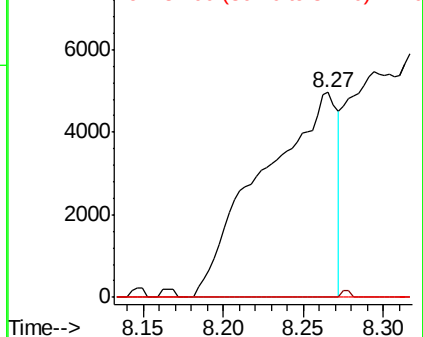
87 0.0 8.5 12.7#



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



#50

Toluene-d8

Concen: 49.851 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055446.D

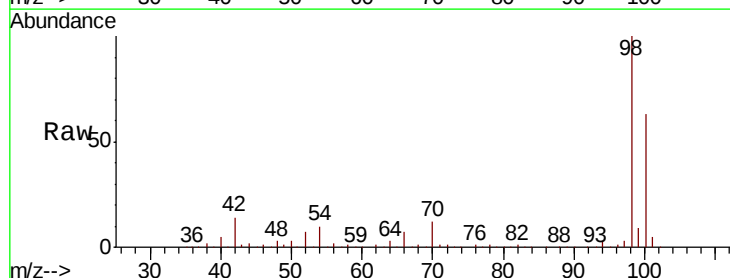
Acq: 7 May 2019 18:51

Tgt Ion: 98 Resp: 924574

Ion Ratio Lower Upper

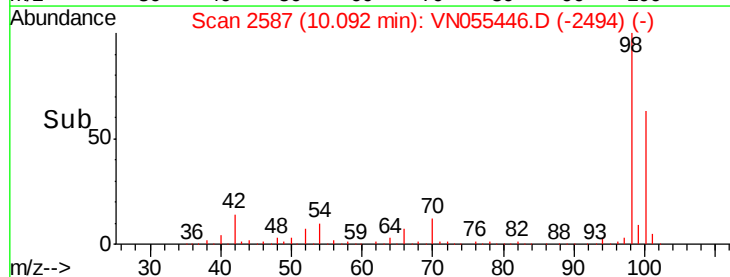
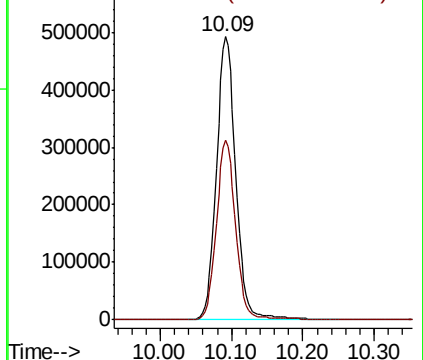
98 100

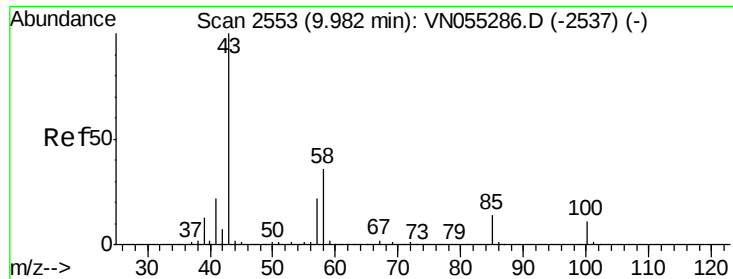
100 63.0 51.7 77.5



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: 1.120 ug/l

RT: 9.93 min Scan# 2538

Delta R.T. -0.05 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

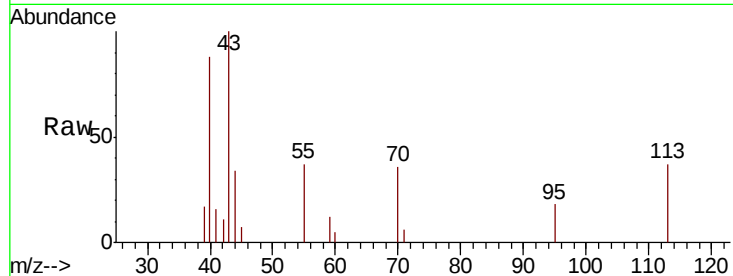
TRIP-BLANK

Tot Ion: 43 Resp: 5824

Ion Ratio Lower Upper

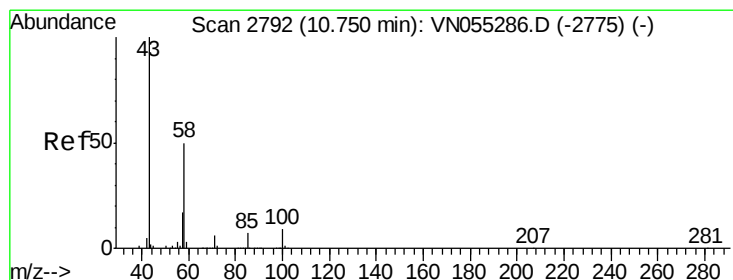
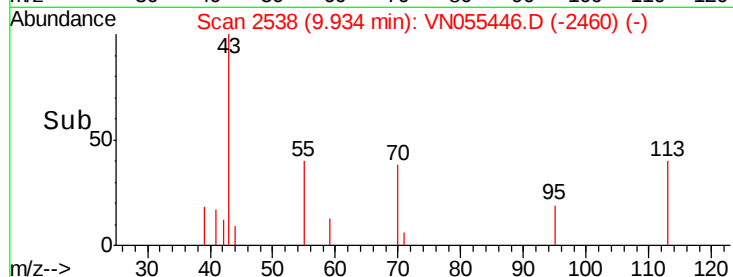
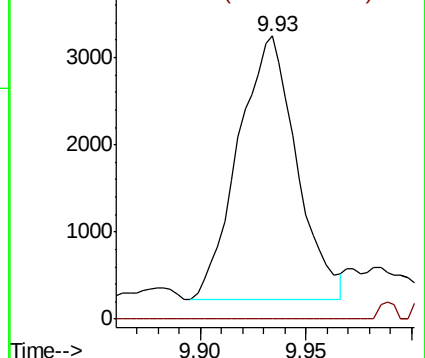
43 100

58 0.0 28.5 42.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#59

2-Hexanone

Concen: 0.216 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055446.D

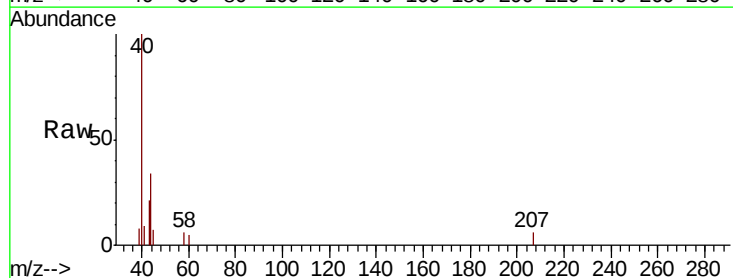
Acq: 7 May 2019 18:51

Tgt Ion: 43 Resp: 702

Ion Ratio Lower Upper

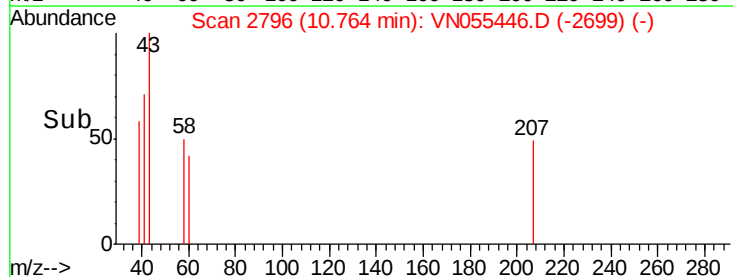
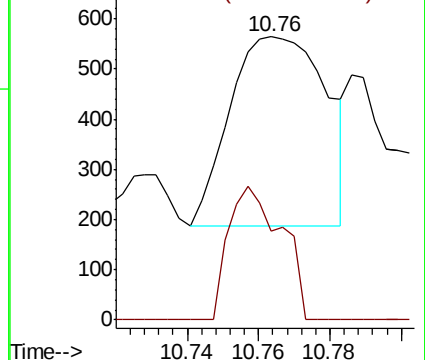
43 100

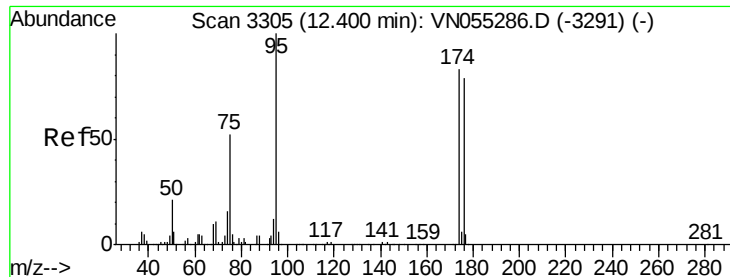
58 39.0 24.9 74.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.050 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

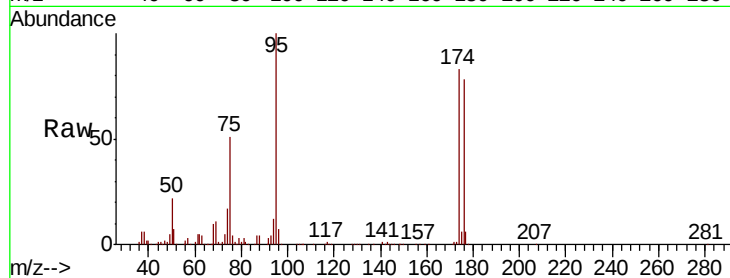
Tot Ion: 95 Resp: 272726

Ion Ratio Lower Upper

95 100

174 81.5 0.0 166.6

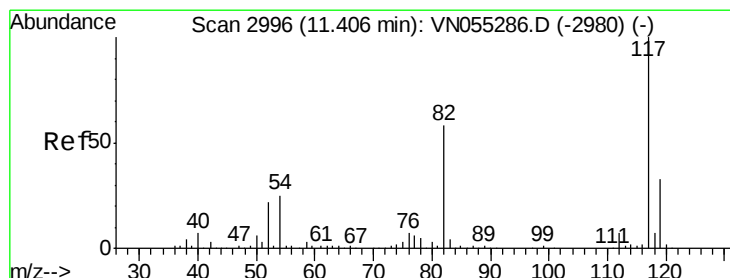
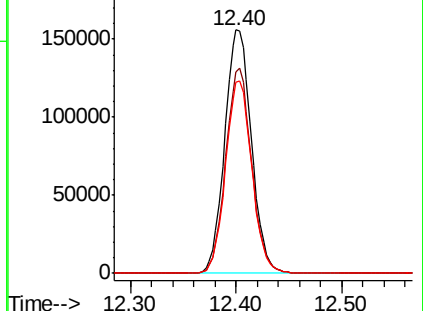
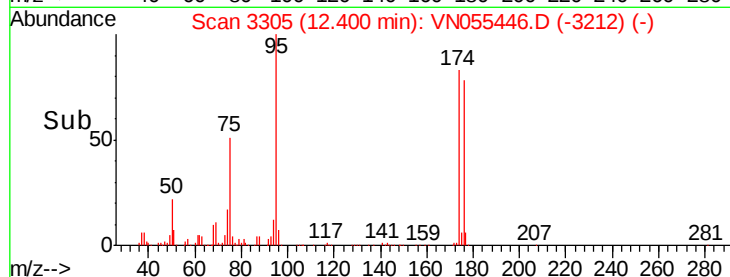
176 77.6 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055446.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055446.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055446.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

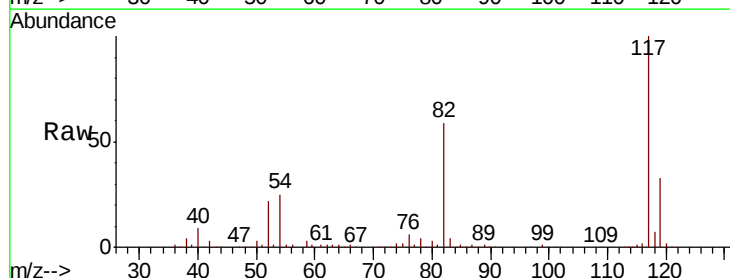
Tgt Ion: 117 Resp: 632575

Ion Ratio Lower Upper

117 100

82 59.4 46.2 69.4

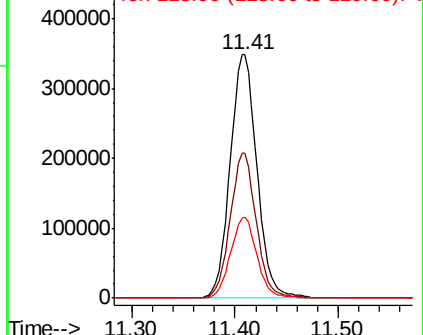
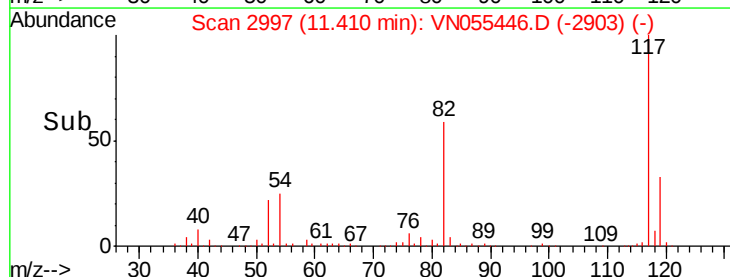
119 33.2 26.6 40.0

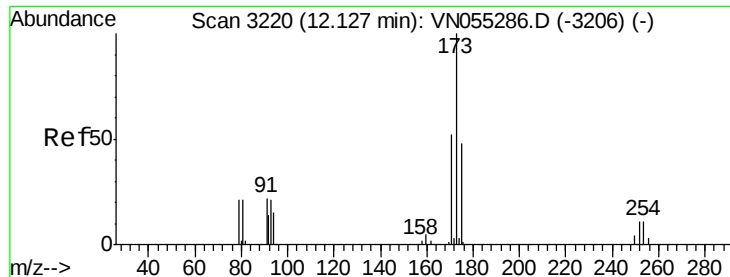


Abundance Ion 116.90 (116.60 to 117.60): VN055446.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055446.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055446.D (-2903) (-)

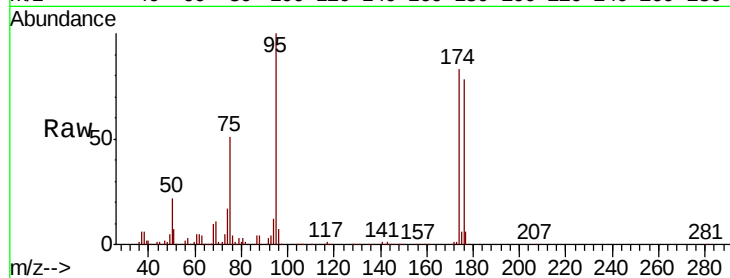




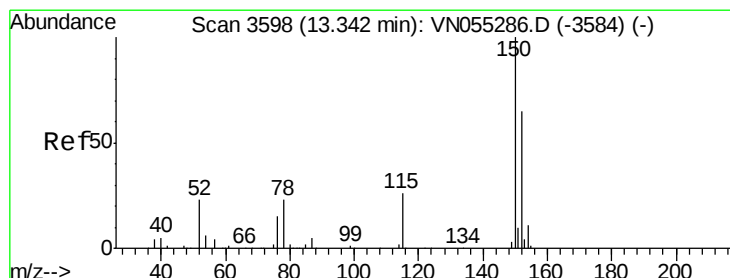
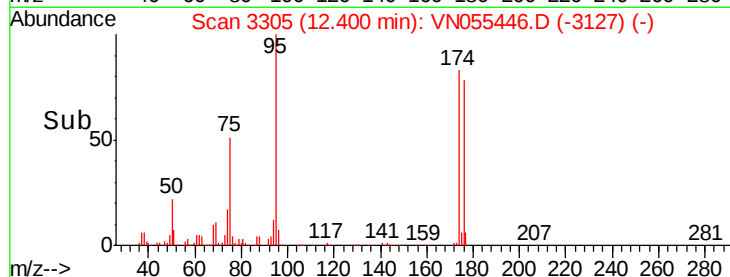
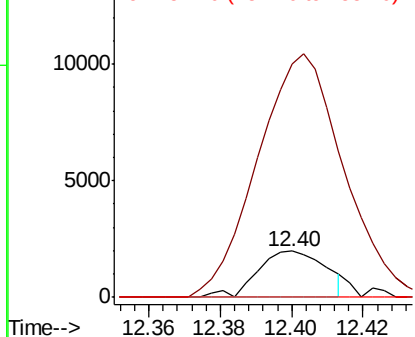
#71
Bromoform
Concen: 0.964 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055446.D
Acq: 7 May 2019 18:51

Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

Tot Ion:173 Resp: 2591
Ion Ratio Lower Upper
173 100
175 571.7 23.6 71.0#
254 0.0 0.0 0.0

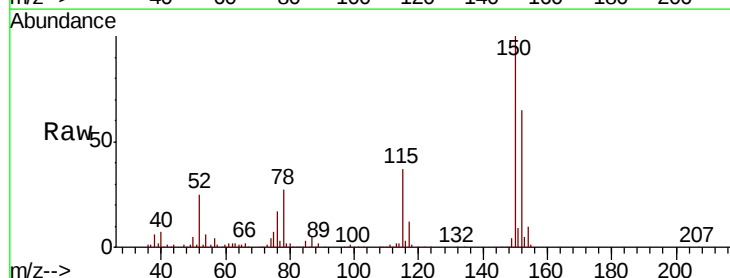


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

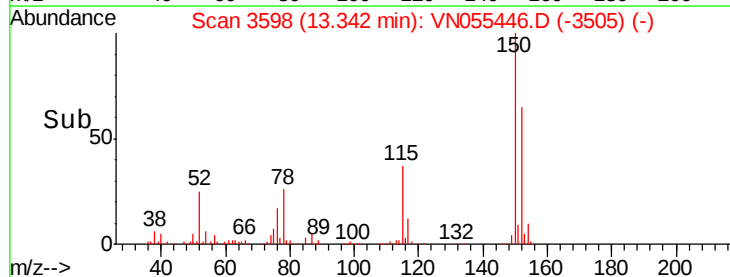
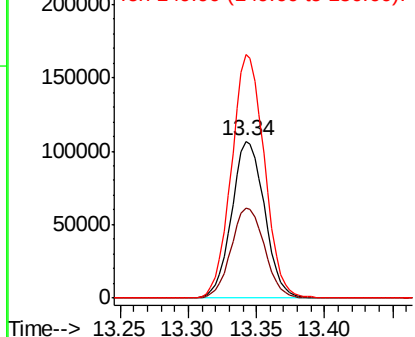


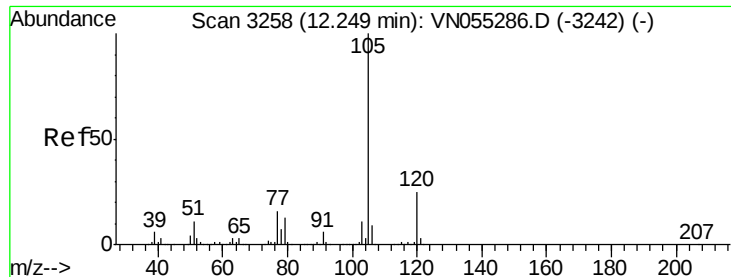
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055446.D
Acq: 7 May 2019 18:51

Tgt Ion:152 Resp: 178947
Ion Ratio Lower Upper
152 100
115 58.4 29.0 87.0
150 155.1 0.0 345.6



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





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

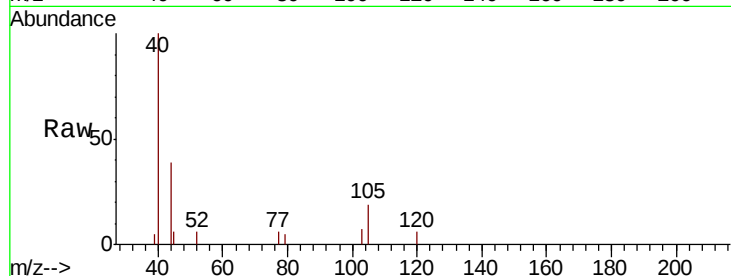
TRIP-BLANK

Tot Ion: 105 Resp: 920

Ion Ratio Lower Upper

105 100

120 7.2 12.9 38.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

600

500

400

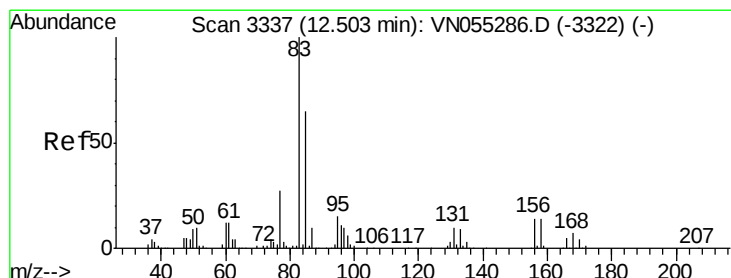
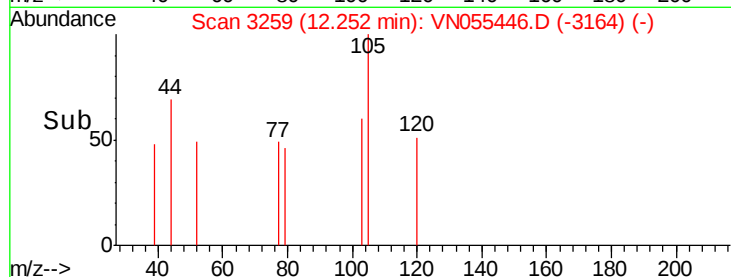
300

200

100

0

Time--> 12.20



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.55 min Scan# 3353

Delta R.T. 0.05 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

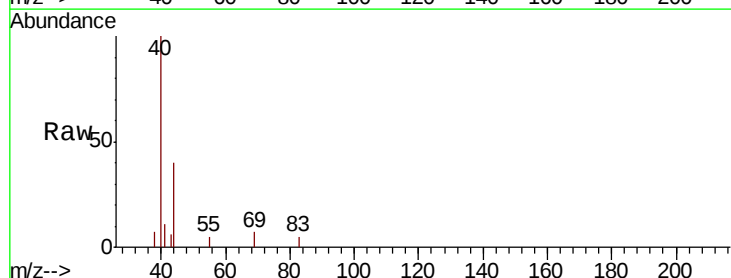
Tgt Ion: 83 Resp: 59

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

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

12.55

200

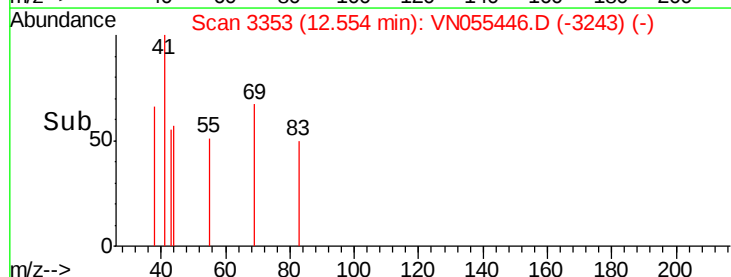
150

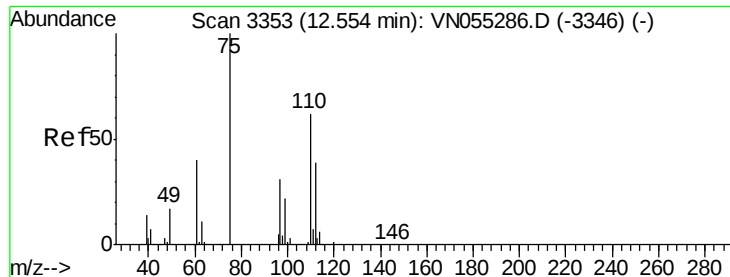
100

50

0

Time--> 12.54





#76

1,2,3-Trichloropropane

Concen: 41.703 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

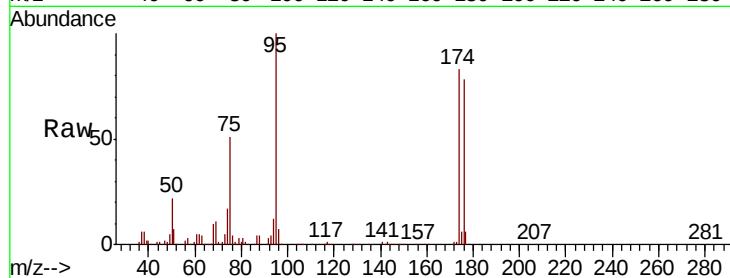
TRIP-BLANK

Tot Ion: 75 Resp: 140100

Ion Ratio Lower Upper

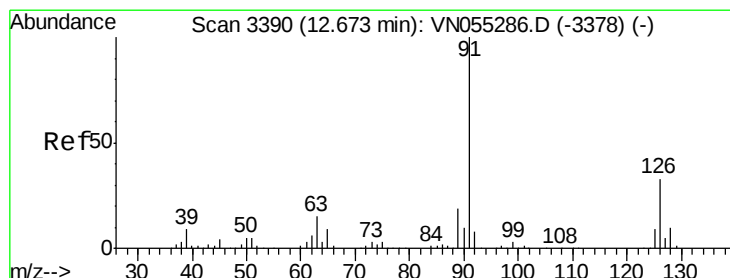
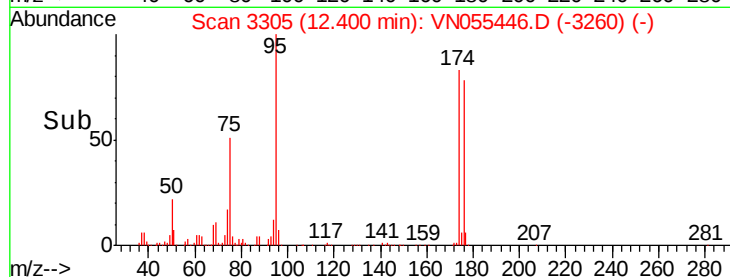
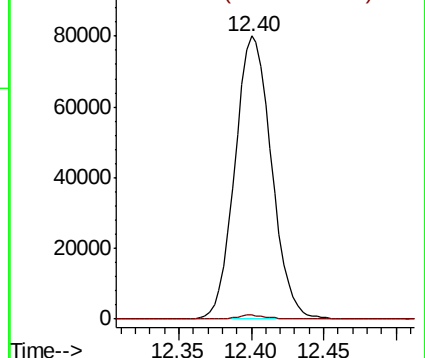
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN055446.D

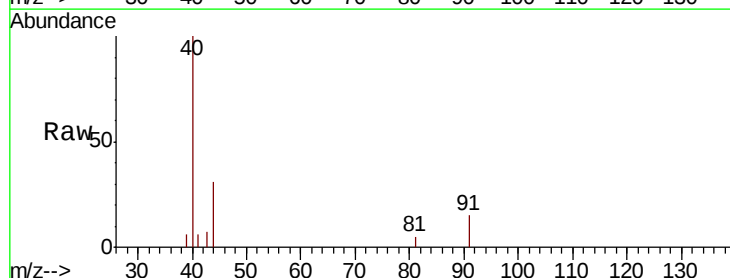
Acq: 7 May 2019 18:51

Tgt Ion: 91 Resp: 701

Ion Ratio Lower Upper

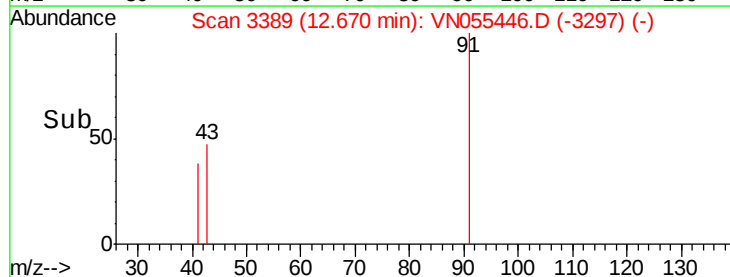
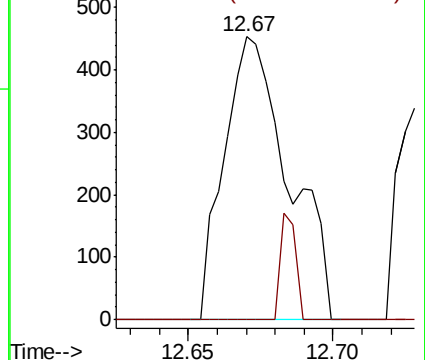
91 100

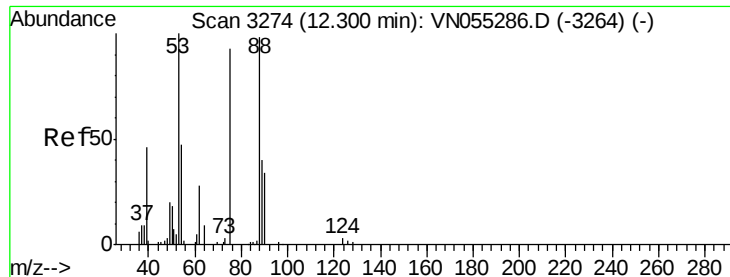
126 8.8 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 148.367 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

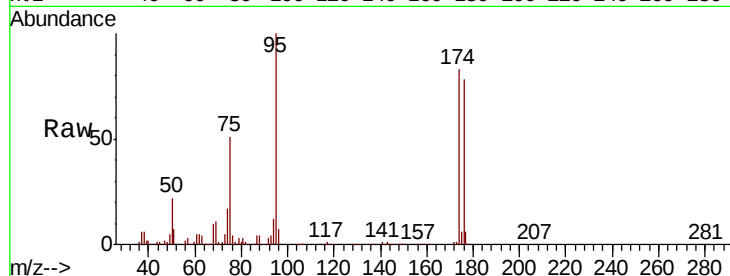
Tot Ion: 75 Resp: 140100

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

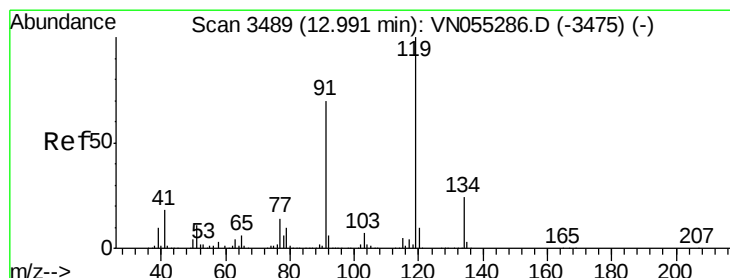
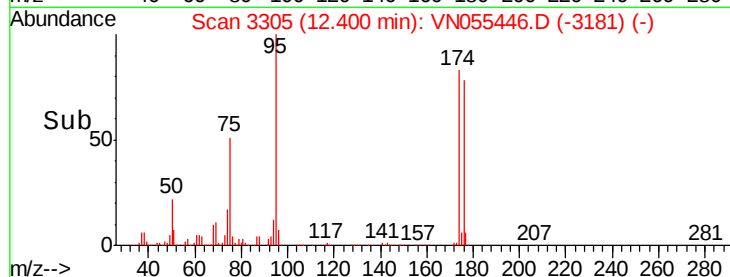
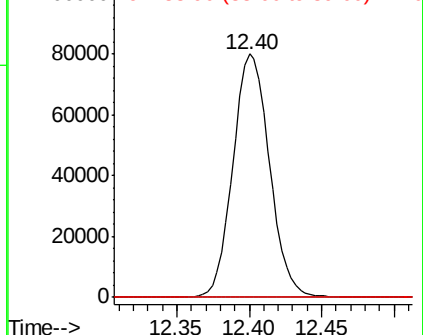
89 0.0 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

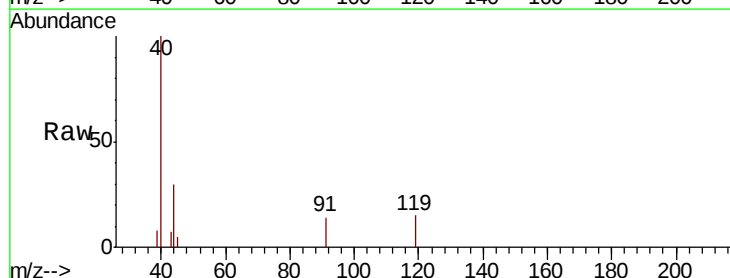
Tgt Ion: 119 Resp: 786

Ion Ratio Lower Upper

119 100

91 71.4 34.3 102.9

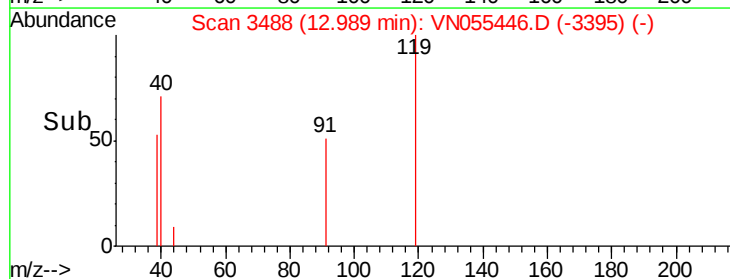
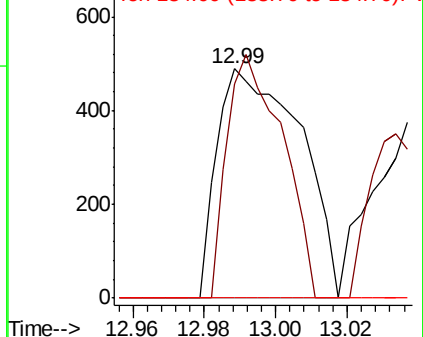
134 0.0 13.1 39.3#

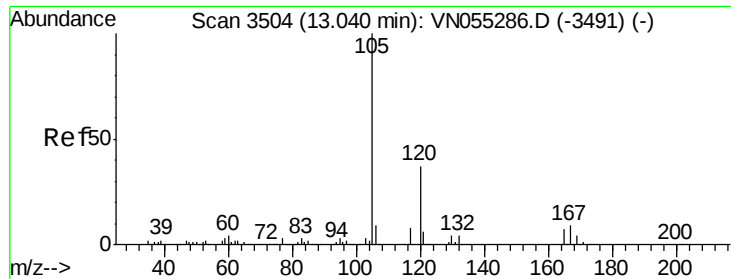


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

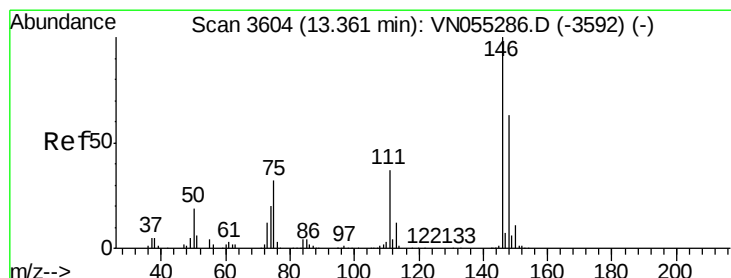
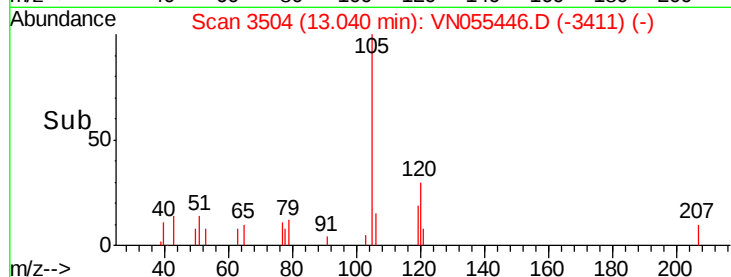
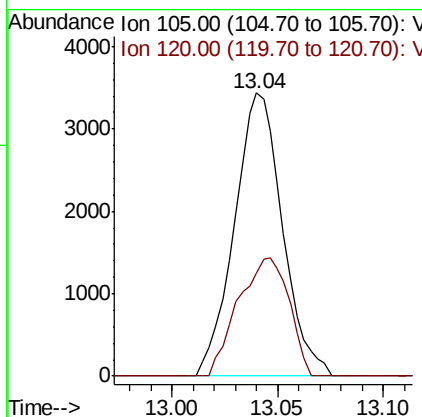
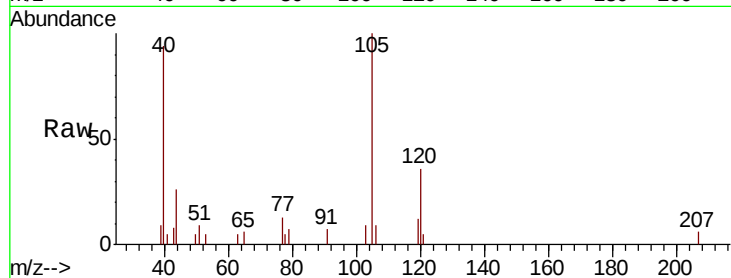




#84
 1,2,4-Trimethylbenzene
 Concen: 0.432 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055446.D
 Acq: 7 May 2019 18:51

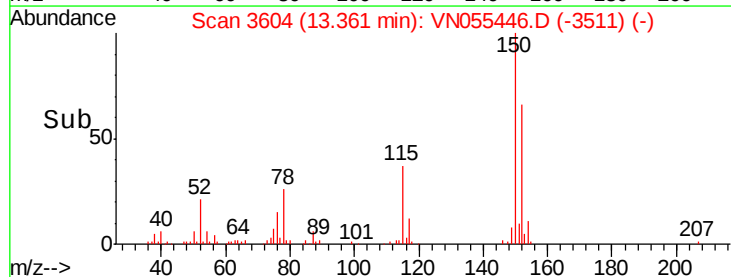
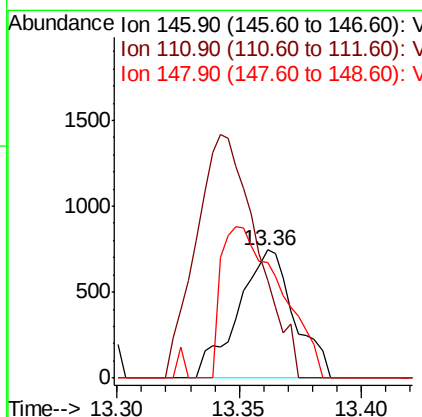
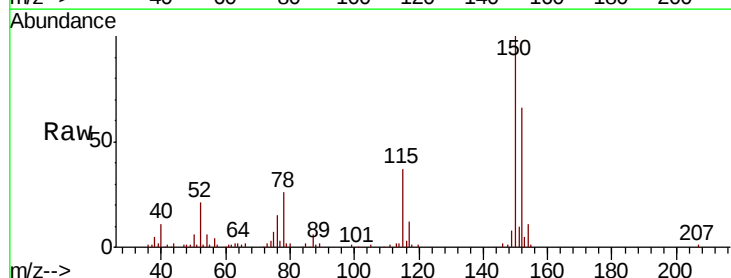
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

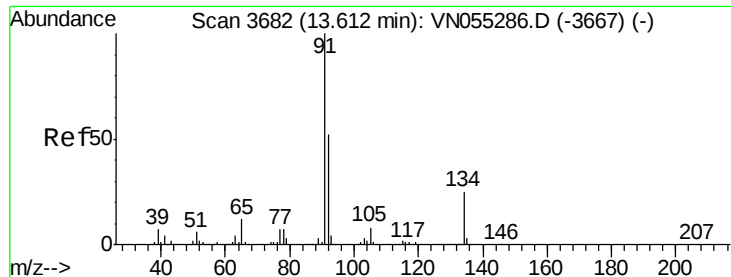
Tot Ion:105 Resp: 5422
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5



#88
 1,4-Dichlorobenzene
 Concen: 0.211 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055446.D
 Acq: 7 May 2019 18:51

Tgt Ion:146 Resp: 1189
 Ion Ratio Lower Upper
 146 100
 111 207.3 19.5 58.5#
 148 125.1 32.5 97.4#





#89

n-Butylbenzene

Concen: 0.225 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

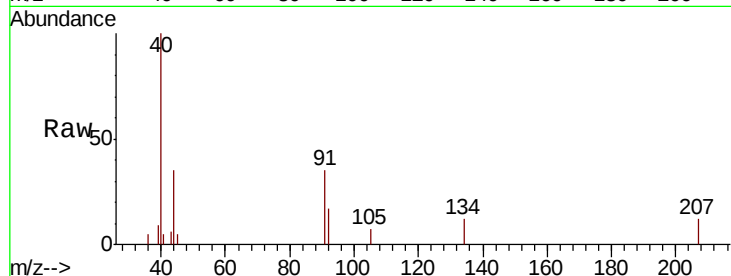
Tot Ion: 91 Resp: 2008

Ion Ratio Lower Upper

91 100

92 50.0 26.1 78.3

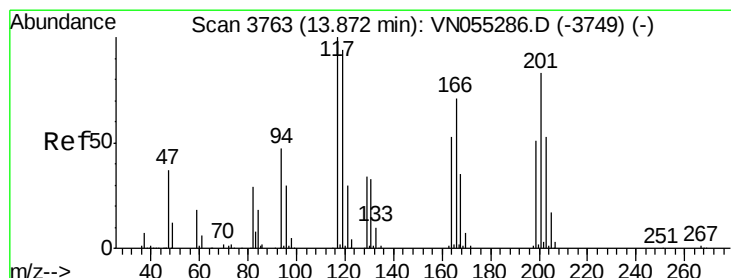
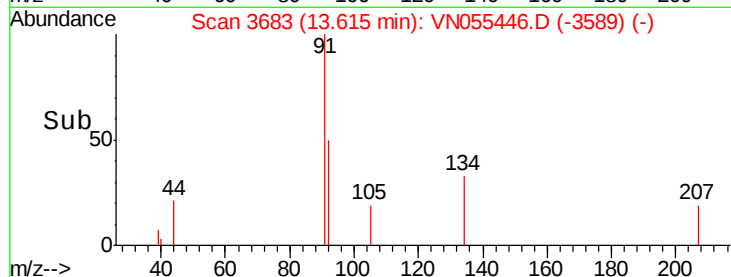
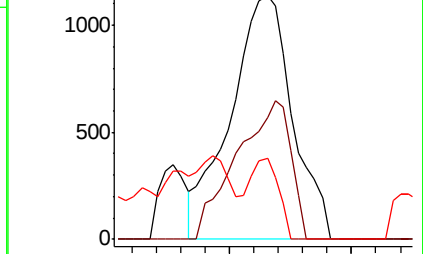
134 16.3 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055286.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055286.D (-3667) (-)



#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN055446.D

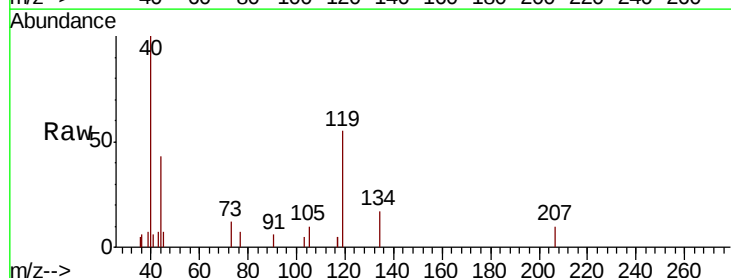
Acq: 7 May 2019 18:51

Tgt Ion: 117 Resp: 276

Ion Ratio Lower Upper

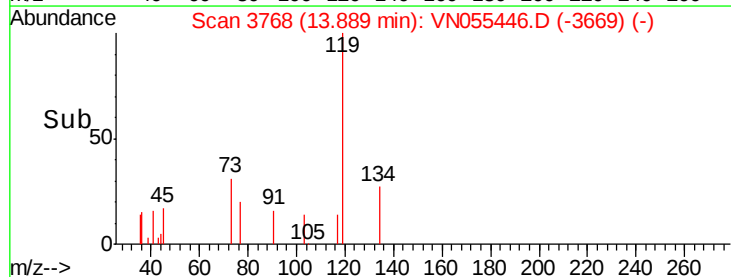
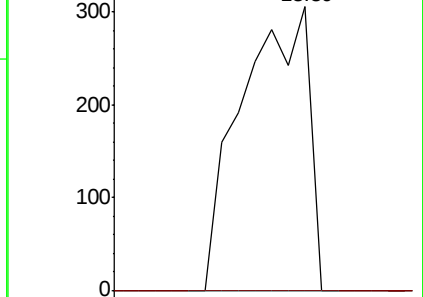
117 100

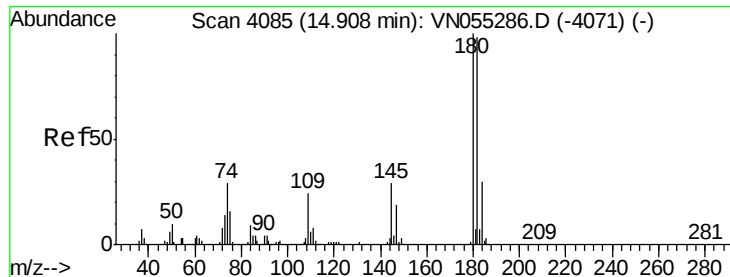
201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055286.D (-3749) (-)

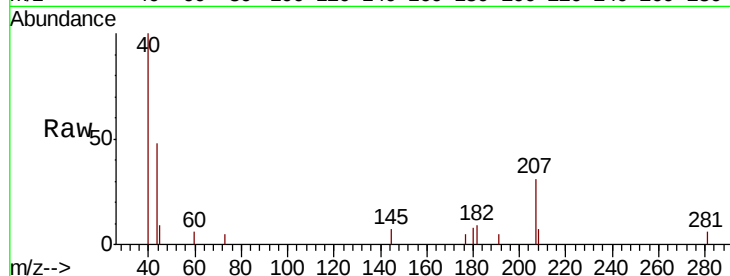




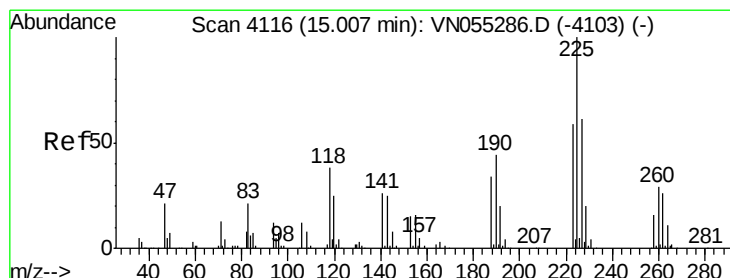
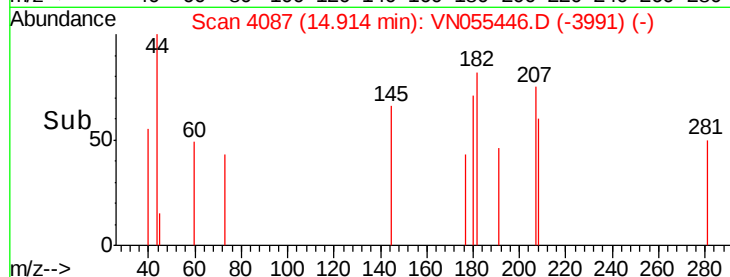
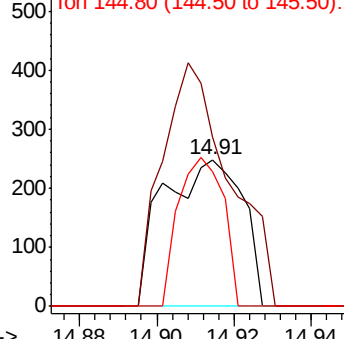
#93
 1,2,4-Trichlorobenzene
 Concen: 3.452 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN055446.D
 Acq: 7 May 2019 18:51

Instrument :
 MSVOA_N
 ClientSampled :
 TRIP-BLANK

Tot Ion:180 Resp: 355
 Ion Ratio Lower Upper
 180 100
 182 140.6 48.3 144.9
 145 57.2 14.2 42.6#

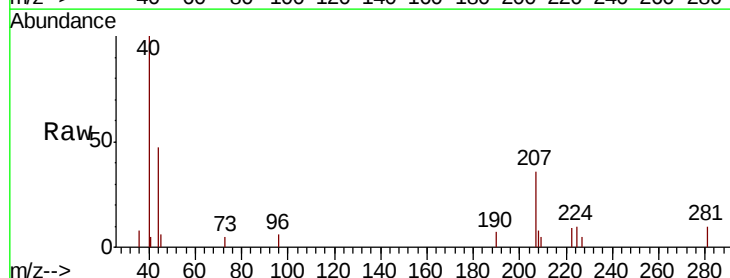


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

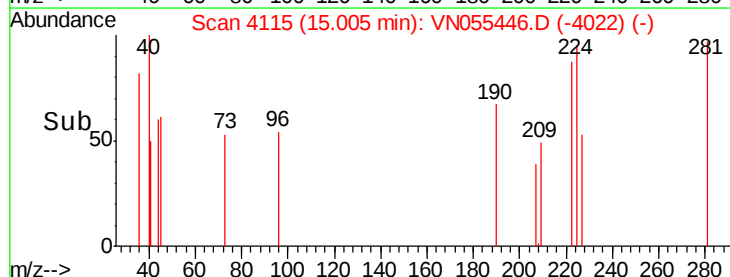
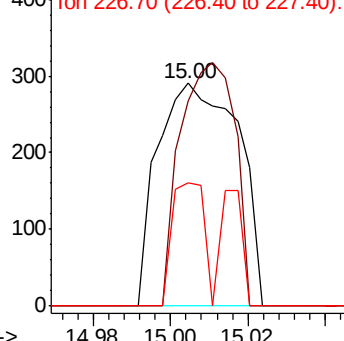


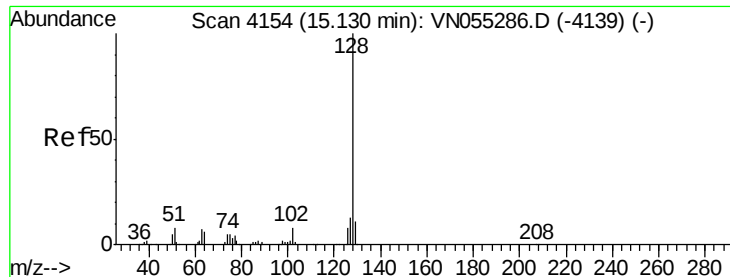
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN055446.D
 Acq: 7 May 2019 18:51

Tgt Ion:225 Resp: 421
 Ion Ratio Lower Upper
 225 100
 223 0.0 30.3 90.8#
 227 21.6 30.9 92.7#



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: 3.459 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

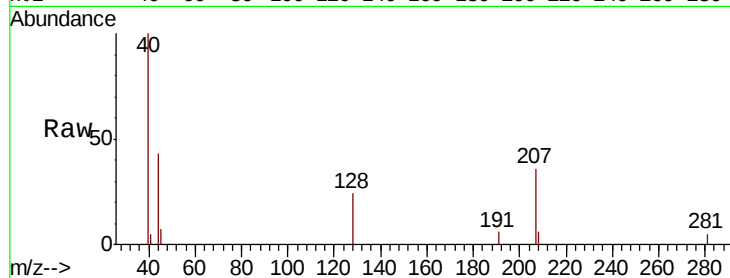
Tot Ion:128 Resp: 699

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

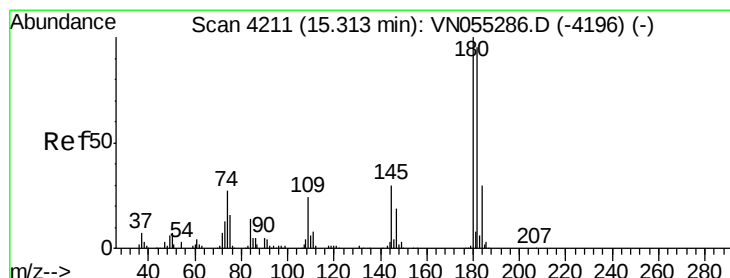
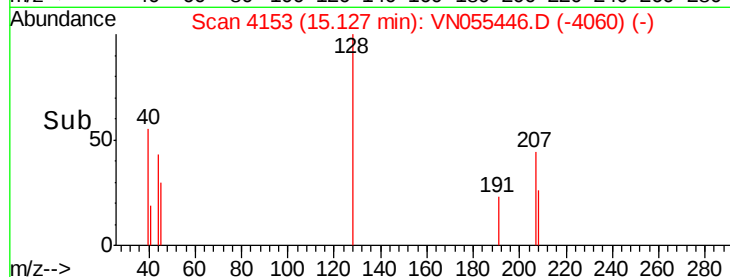
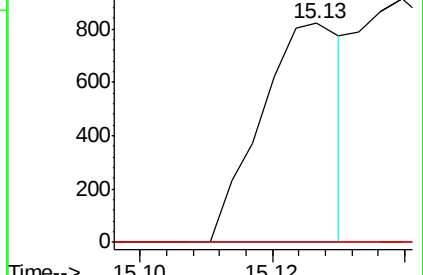
129 0.0 8.6 13.0#



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: 2.846 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055446.D

Acq: 7 May 2019 18:51

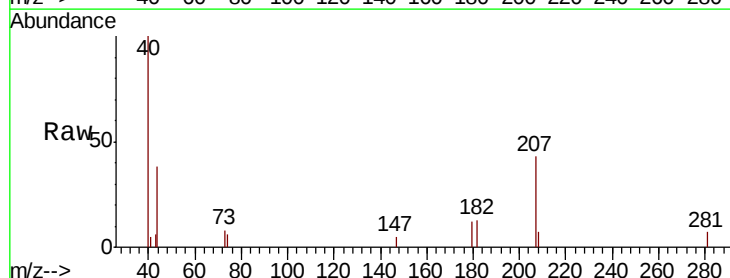
Tgt Ion:180 Resp: 568

Ion Ratio Lower Upper

180 100

182 102.3 48.3 144.9

145 0.0 15.2 45.6#



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

