

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055008.D
 Acq On : 12 Apr 2019 19:19
 Operator : JC/SP
 Sample : K2358-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Apr 13 03:43:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	550512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	885891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	715010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	226402	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	356362	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	7.59	113	282880	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
50) Toluene-d8	10.09	98	1032860	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	12.40	95	293941	42.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.14%	

Target Compounds

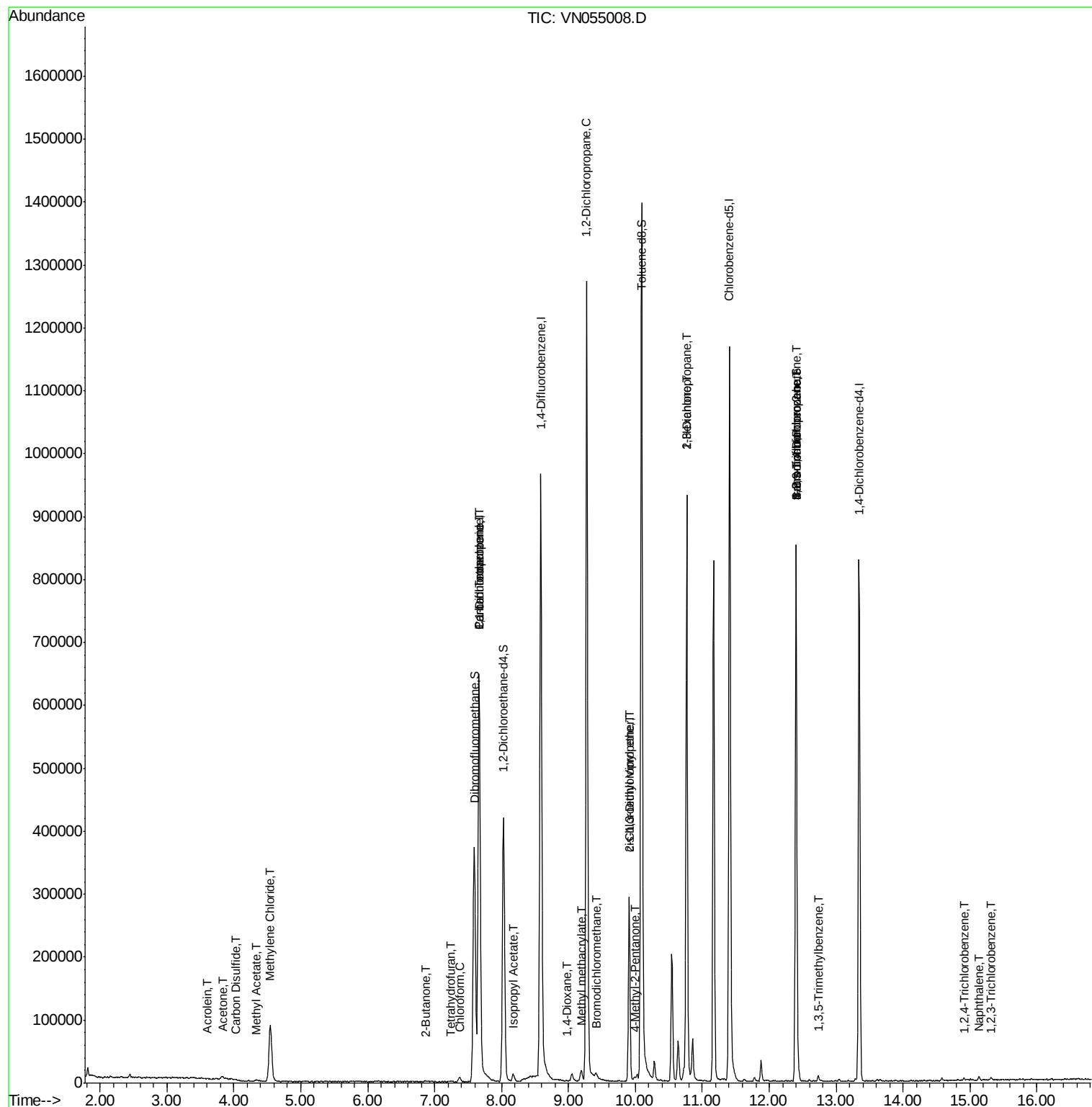
						Qvalue
13) Acrolein	3.61	56	432	0.842	ug/l #	46
16) Acetone	3.83	43	8342	4.395	ug/l	91
17) Carbon Disulfide	4.04	76	3501	0.253	ug/l #	75
18) Methyl Acetate	4.34	43	2794	0.475	ug/l	93
20) Methylene Chloride	4.55	84	60960	8.644	ug/l	97
25) 2-Butanone	6.87	43	1710	0.585	ug/l #	53
29) Tetrahydrofuran	7.23	42	871	0.455	ug/l #	50
30) Chloroform	7.37	83	7458	0.687	ug/l	90
31) Cyclohexane	7.66	56	12061	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	43692	5.336	ug/l #	49
38) Carbon Tetrachloride	7.67	117	50233	6.518	ug/l #	17
43) Isopropyl Acetate	8.17	43	14719	1.400	ug/l	100
45) 1,2-Dichloropropane	9.27	63	1538	0.220	ug/l #	44
47) Bromodichloromethane	9.40	83	1970	0.242	ug/l #	87
48) Methyl methacrylate	9.18	41	7879	1.455	ug/l #	17
49) 1,4-Dioxane	8.97	88	63	1.082	ug/l #	19
51) 4-Methyl-2-Pentanone	9.99	43	4922	0.800	ug/l	97
54) cis-1,3-Dichloropropene	9.91	75	46524	5.124	ug/l #	67
57) 1,3-Dichloropropane	10.77	76	9390	0.998	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	183	18.257	ug/l #	50
59) 2-Hexanone	10.77	43	146429	38.078	ug/l #	53
71) Bromoform	12.40	173	3013	3.405	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	149167	35.812	ug/l #	100
77) Bromobenzene	12.54	156	30	Below Cal	#	1
80) 1,3,5-Trimethylbenzene	12.73	105	4002	0.255	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	149167	147.815	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	1409	3.884	ug/l	85
94) Hexachlorobutadiene	15.01	225	357	Below Cal		92
95) Naphthalene	15.14	128	4385	5.135	ug/l	95
96) 1,2,3-Trichlorobenzene	15.31	180	1394	0.414	ug/l	88

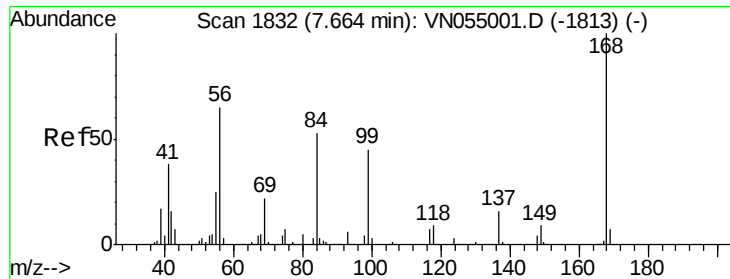
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

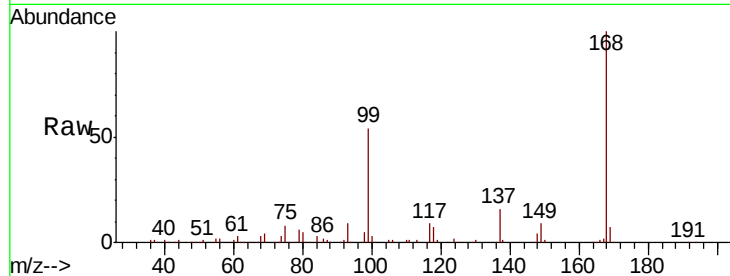
Instrument :
MSVOA_N
ClientSampled :
TP-5

Tot Ion:168 Resp: 550512

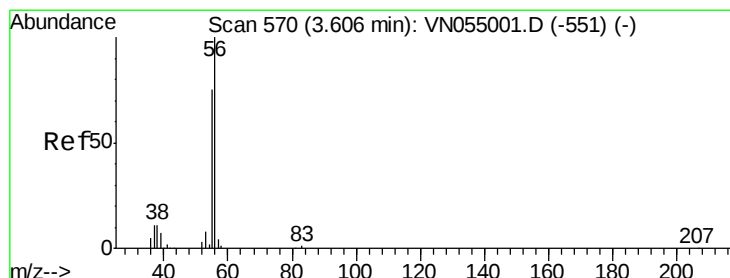
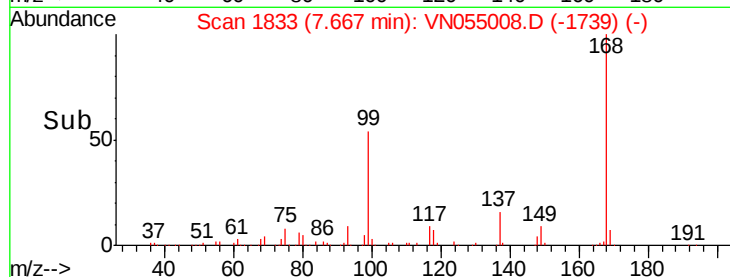
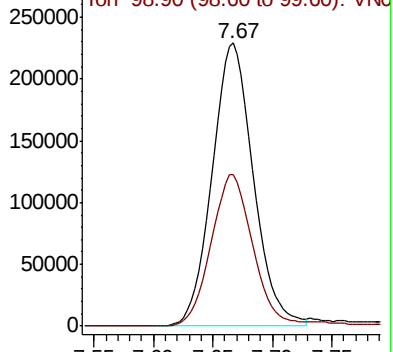
Ion Ratio Lower Upper

168 100

99 53.5 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055001.D (-1813) (-)



#13

Acrolein

Concen: 0.842 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055008.D

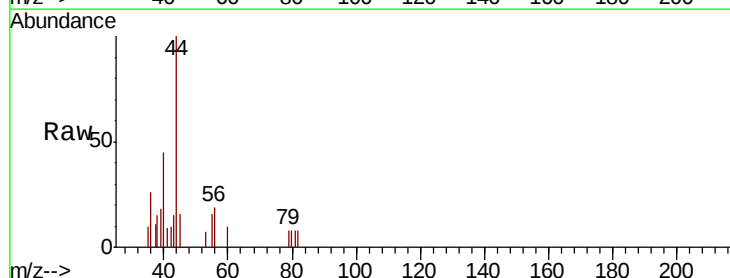
Acq: 12 Apr 2019 19:19

Tgt Ion: 56 Resp: 432

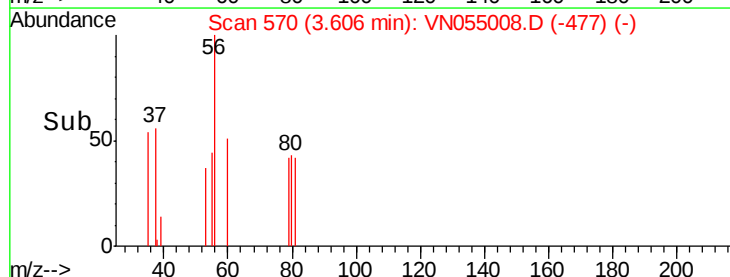
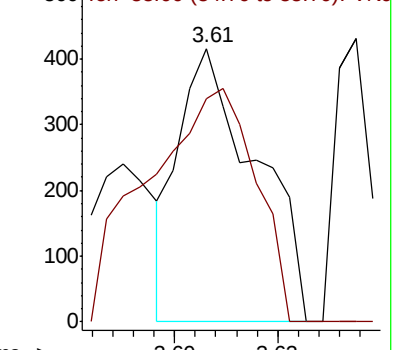
Ion Ratio Lower Upper

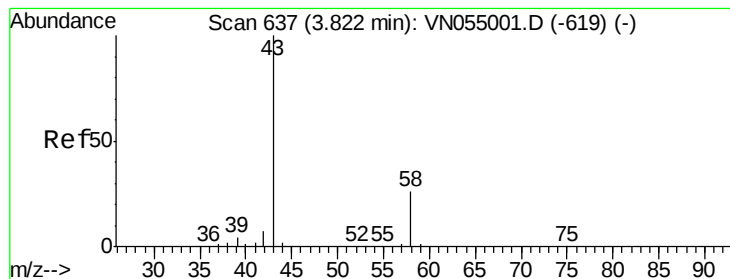
56 100

55 120.4 59.5 89.3#



Abundance Ion 56.00 (55.70 to 56.70): VN055001.D (-551) (-)





#16

Acetone

Concen: 4.395 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

Instrument :

MSVOA_N

ClientSampled :

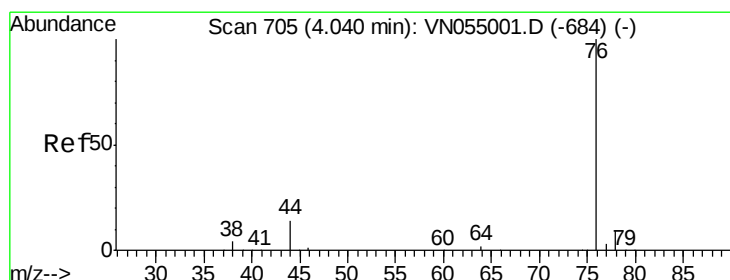
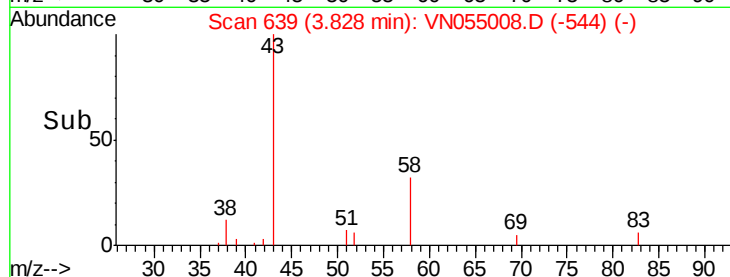
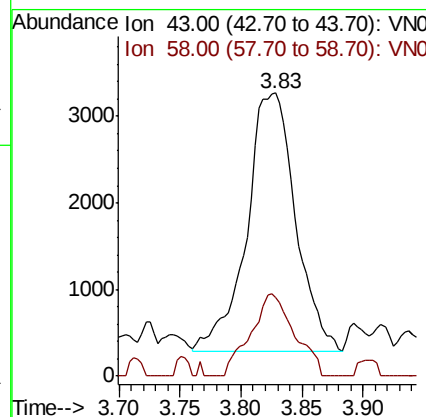
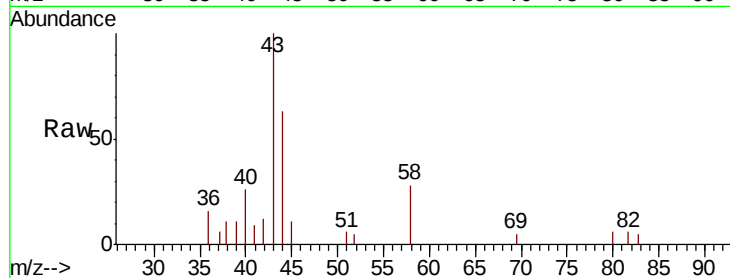
TP-5

Tot Ion: 43.00 Resp: 8342

Ion Ratio Lower Upper

43 100

58 30.5 20.9 31.3



#17

Carbon Disulfide

Concen: 0.253 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN055008.D

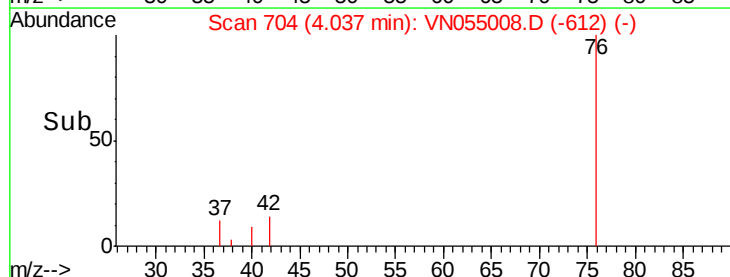
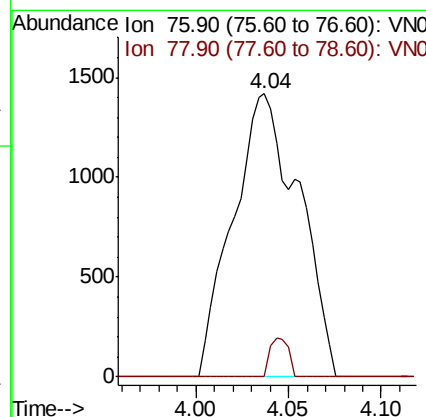
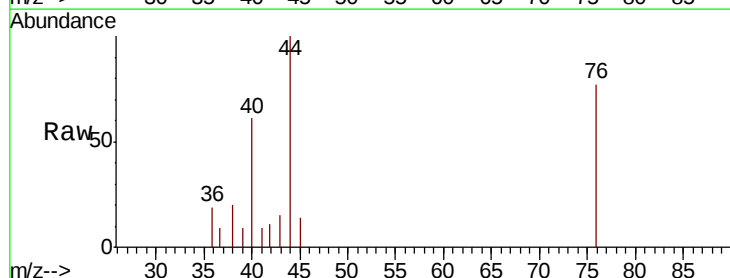
Acq: 12 Apr 2019 19:19

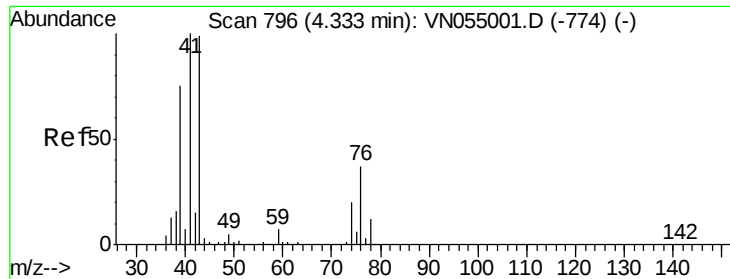
Tgt Ion: 76 Resp: 3501

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

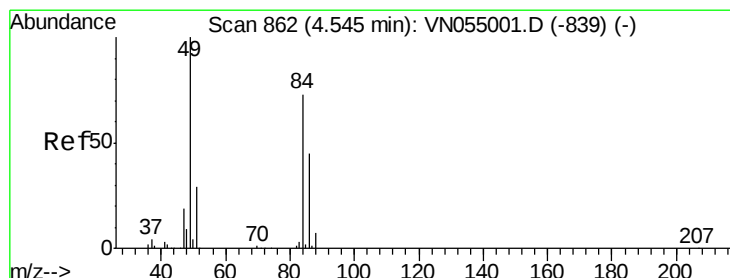
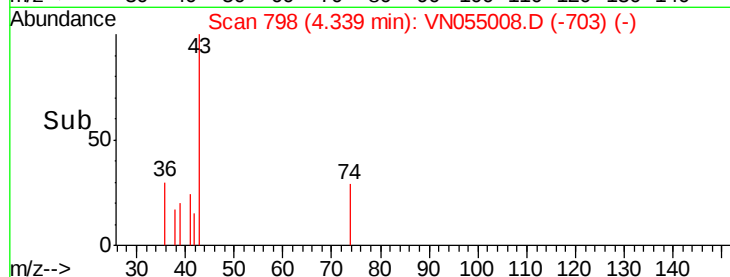
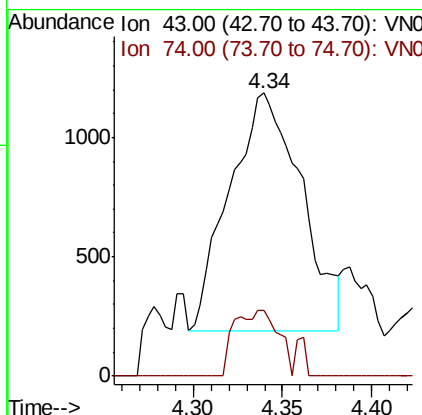
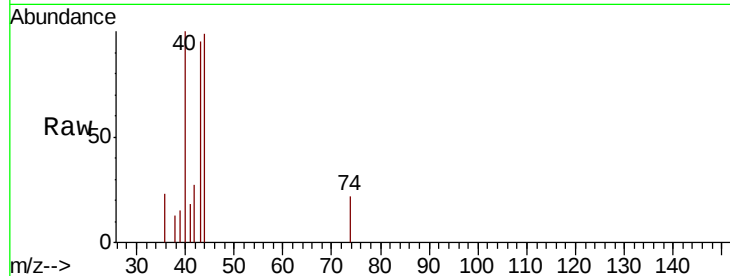




#18
Methyl Acetate
Concen: 0.475 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN055008.D
Acq: 12 Apr 2019 19:19

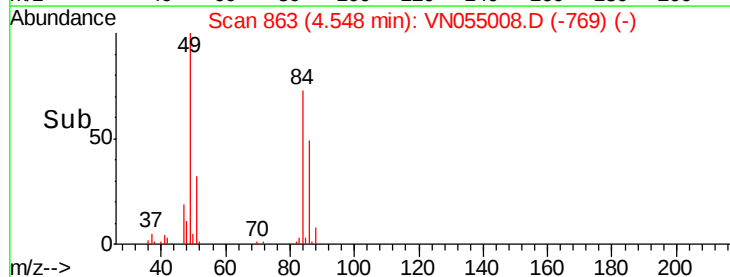
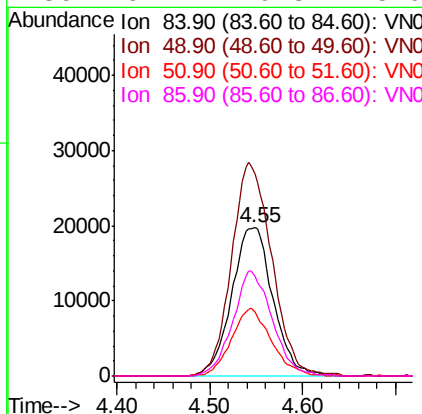
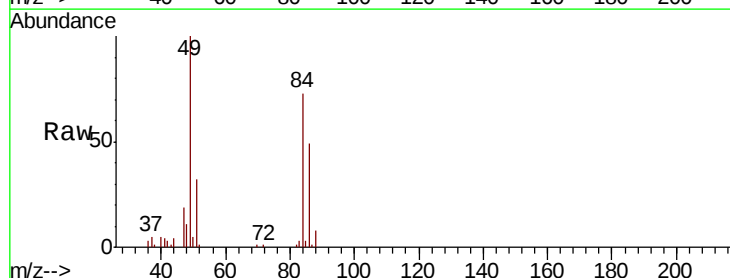
Instrument :
MSVOA_N
ClientSampled :
TP-5

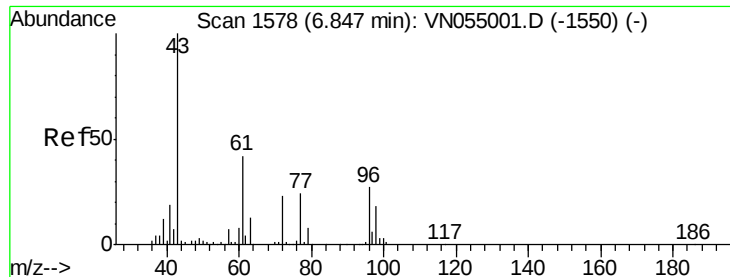
Tot Ion: 43 Resp: 2794
Ion Ratio Lower Upper
43 100
74 17.0 16.1 24.1



#20
Methylene Chloride
Concen: 8.644 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN055008.D
Acq: 12 Apr 2019 19:19

Tgt Ion: 84 Resp: 60960
Ion Ratio Lower Upper
84 100
49 136.4 109.4 164.2
51 43.4 32.2 48.4
86 67.4 49.3 73.9





#25

2-Butanone

Concen: 0.585 ug/l

RT: 6.87 min Scan# 1586

Delta R.T. 0.03 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

Instrument :

MSVOA_N

ClientSampled :

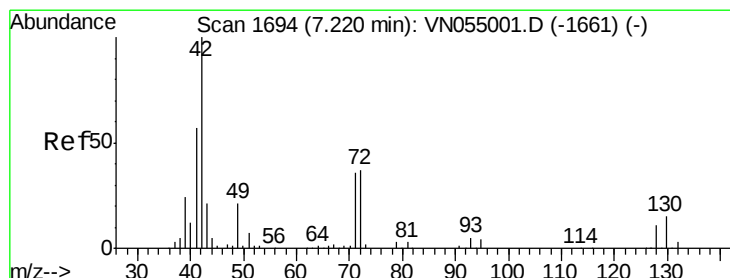
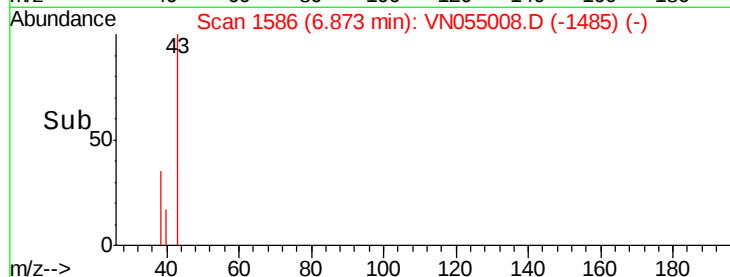
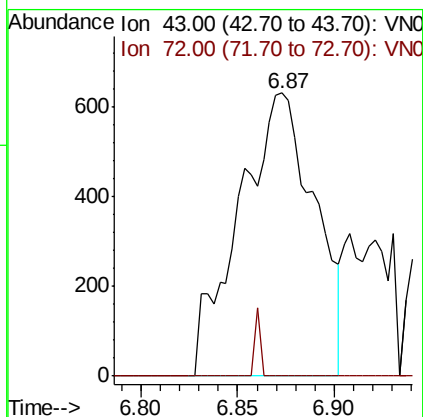
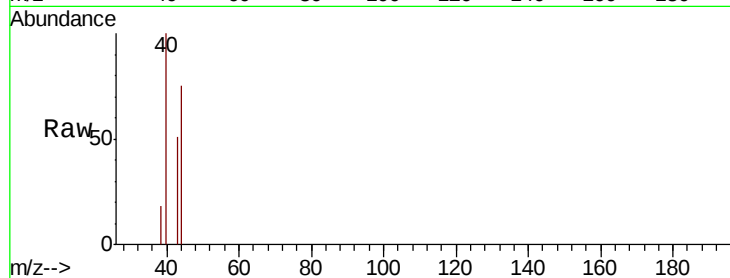
TP-5

Tot Ion: 43 Resp: 1710

Ion Ratio Lower Upper

43 100

72 0.0 18.1 27.1#



#29

Tetrahydrofuran

Concen: 0.455 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.01 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

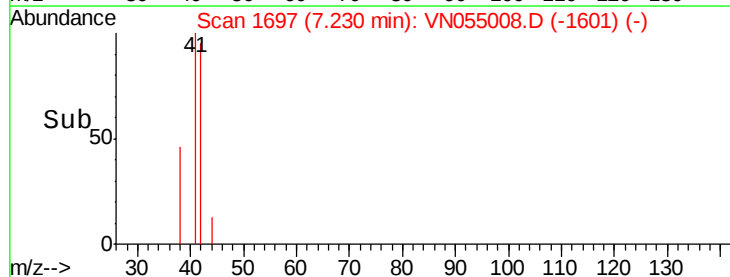
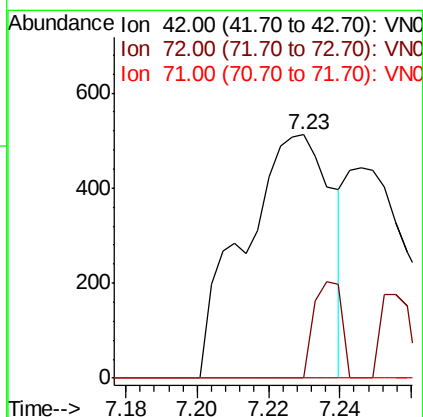
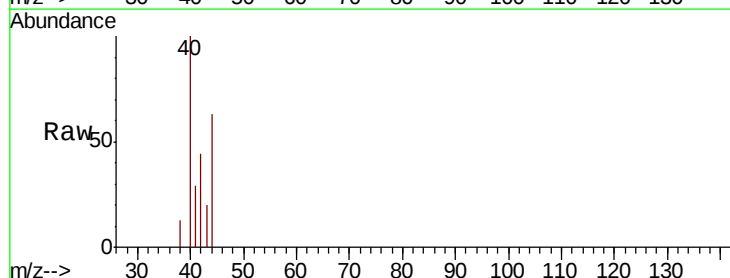
Tgt Ion: 42 Resp: 871

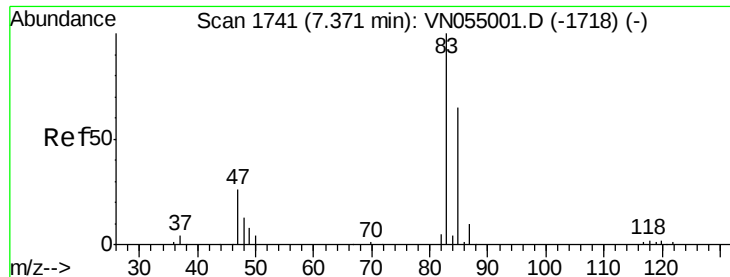
Ion Ratio Lower Upper

42 100

72 12.5 29.4 44.0#

71 0.0 27.8 41.6#

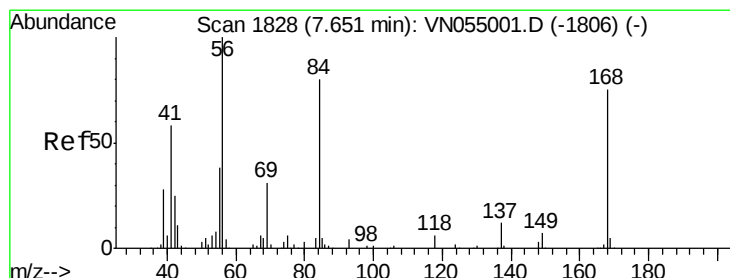
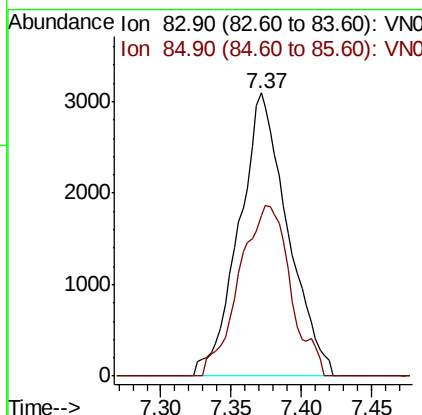
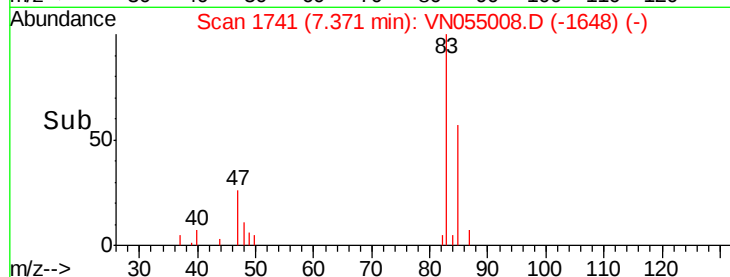
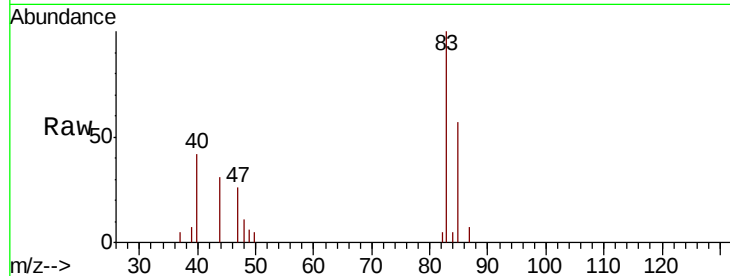




#30
Chloroform
Concen: 0.687 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055008.D
Acq: 12 Apr 2019 19:19

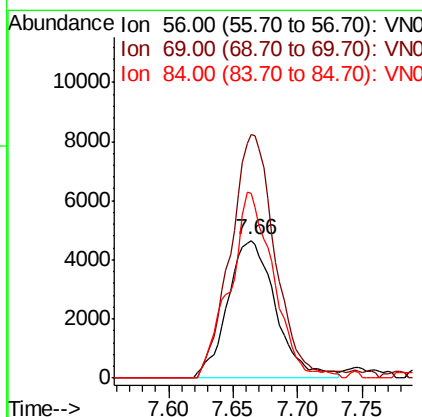
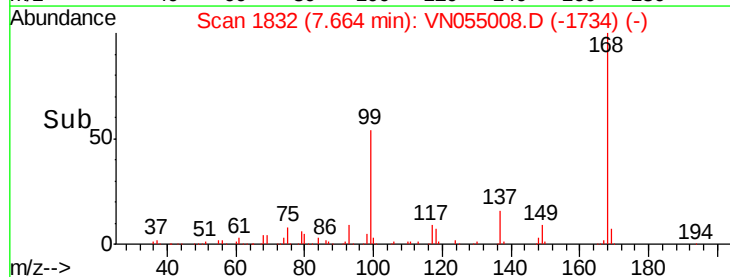
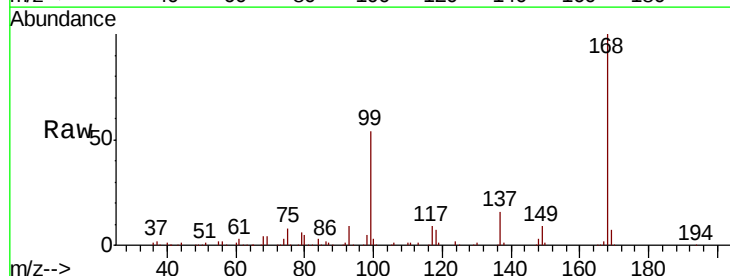
Instrument :
MSVOA_N
ClientSampleId :
TP-5

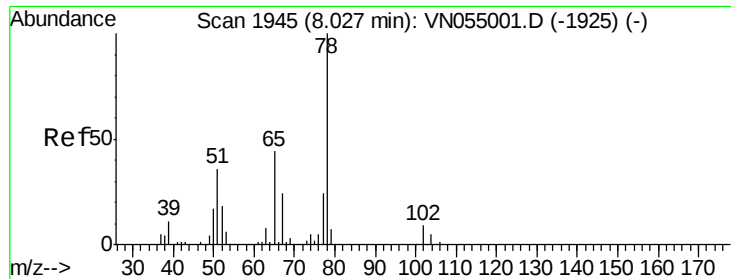
Tot Ion: 83 Resp: 7458
Ion Ratio Lower Upper
83 100
85 56.5 51.8 77.6



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055008.D
Acq: 12 Apr 2019 19:19

Tgt Ion: 56 Resp: 12061
Ion Ratio Lower Upper
56 100
69 176.8 24.5 36.7#
84 138.6 62.9 94.3#





#33

1,2-Dichloroethane-d4

Concen: 51.583 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

Instrument :

MSVOA_N

ClientSampleId :

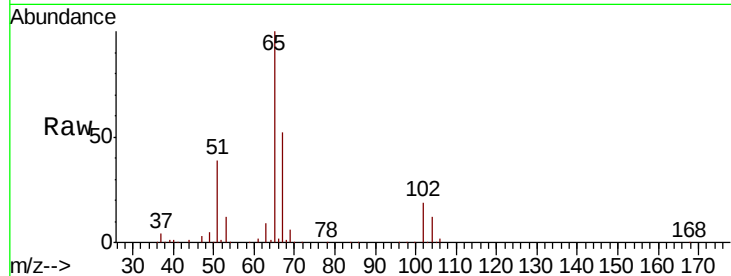
TP-5

Tot Ion: 65 Resp: 356362

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VN055008.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055008.D (-1852) (-)

8.03

150000

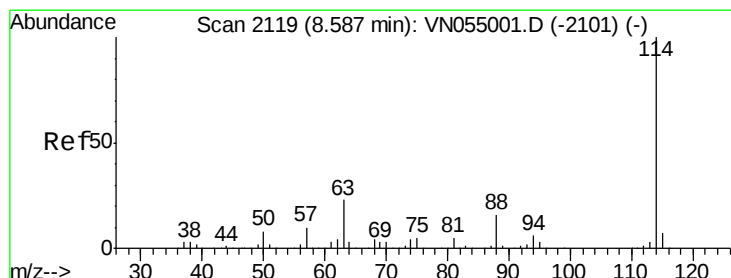
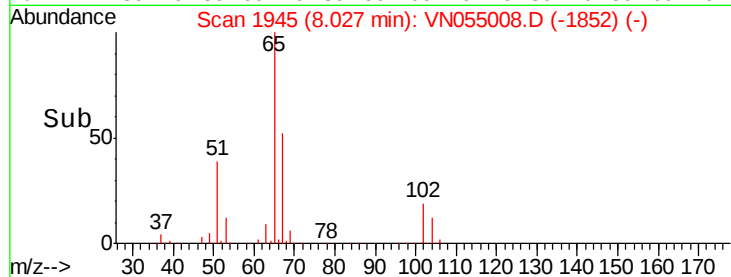
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

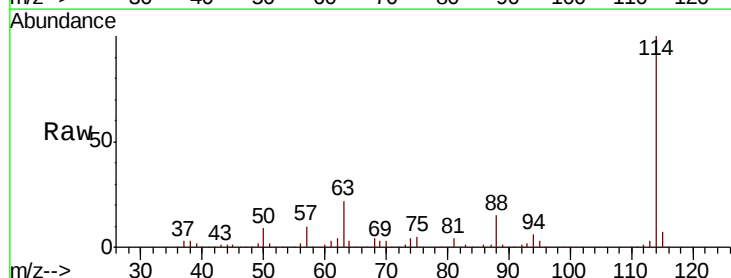
Tgt Ion: 114 Resp: 885891

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.2

88 15.5 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): VN055008.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN055008.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN055008.D (-2026) (-)

8.59

500000

400000

300000

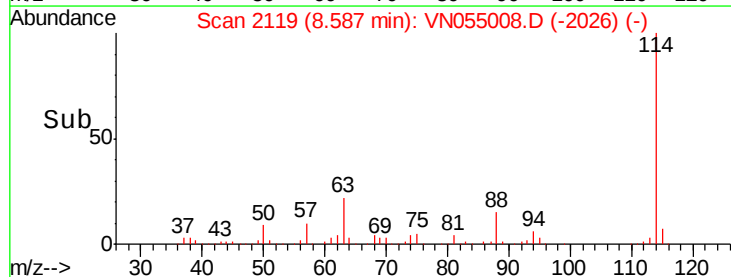
200000

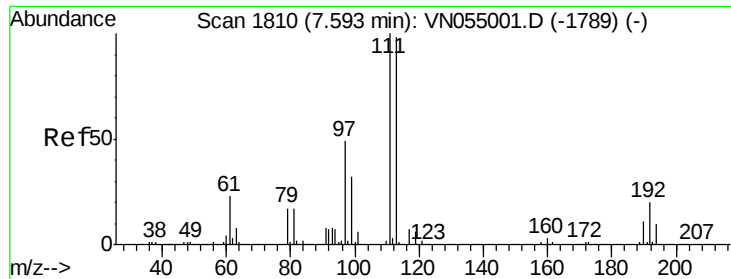
100000

0

8.50 8.60 8.70 8.80

Time-->

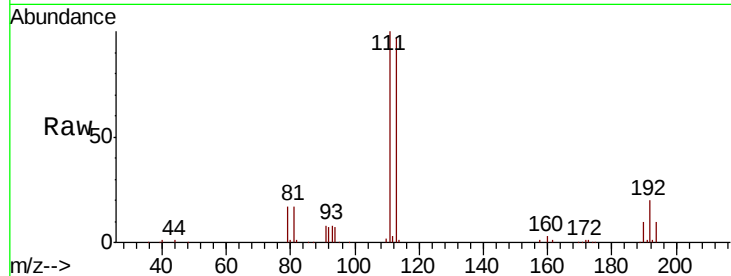




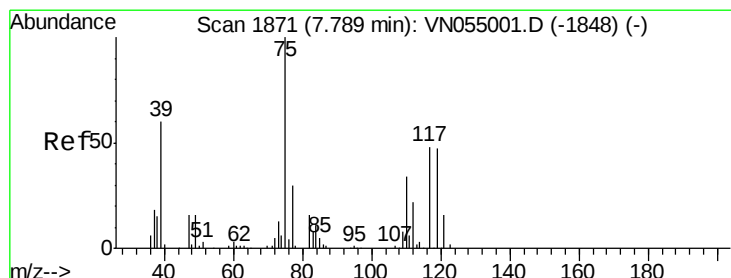
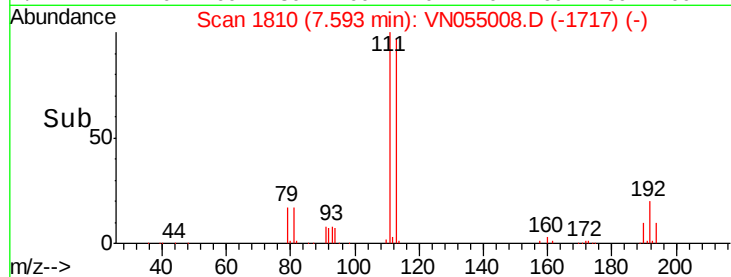
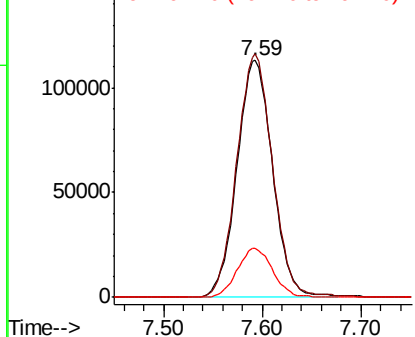
#35
 Dibromofluoromethane
 Concen: 50.091 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055008.D
 Acq: 12 Apr 2019 19:19

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Tot Ion:113 Resp: 282880
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.1 123.1
 192 20.6 16.5 24.7

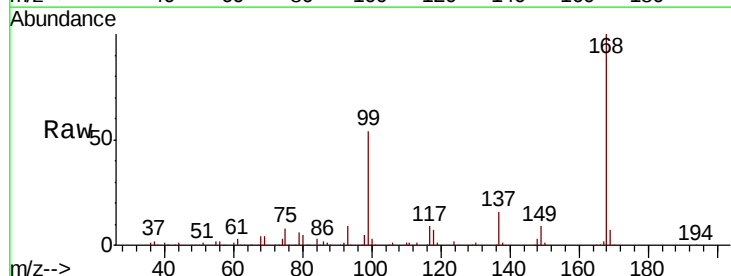


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

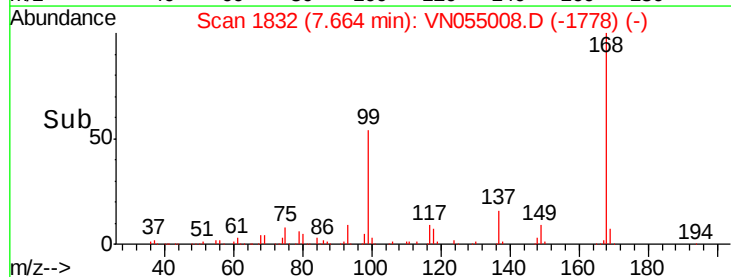
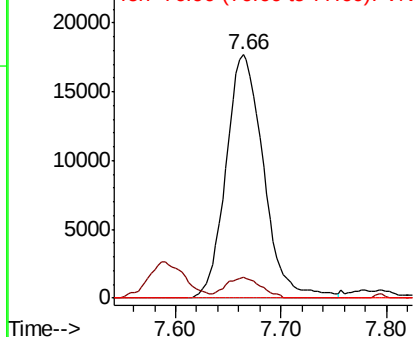


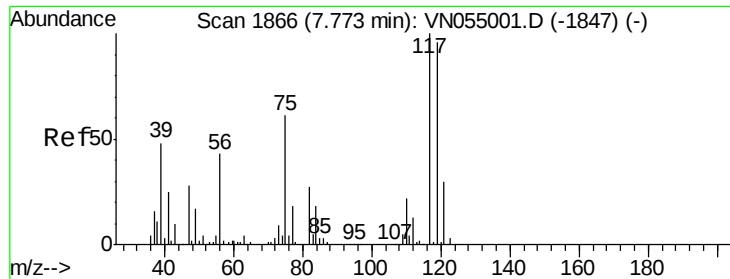
#36
 1,1-Dichloropropene
 Concen: 5.336 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055008.D
 Acq: 12 Apr 2019 19:19

Tgt Ion: 75 Resp: 43692
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.5 52.5#
 77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 6.518 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

Instrument :

MSVOA_N

ClientSampled :

TP-5

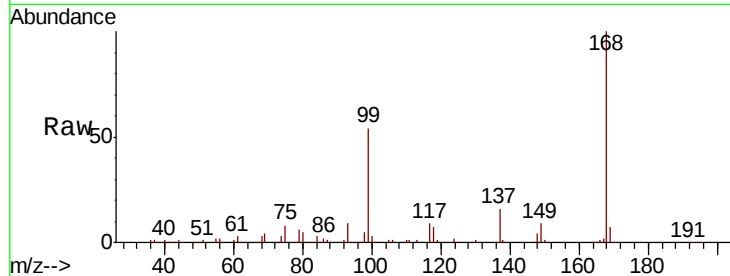
Tot Ion:117 Resp: 50233

Ion Ratio Lower Upper

117 100

119 5.8 76.3 114.5#

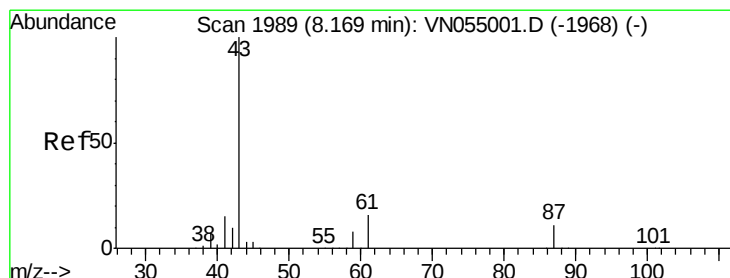
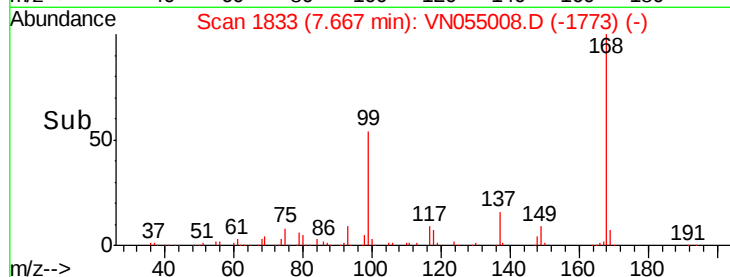
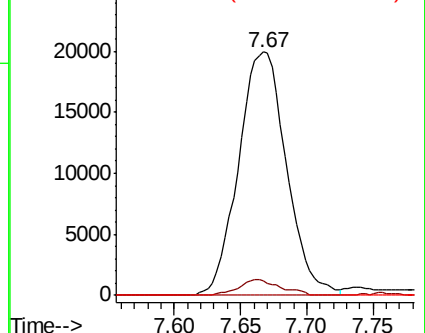
121 0.0 23.9 35.9#



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



#43

Isopropyl Acetate

Concen: 1.400 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

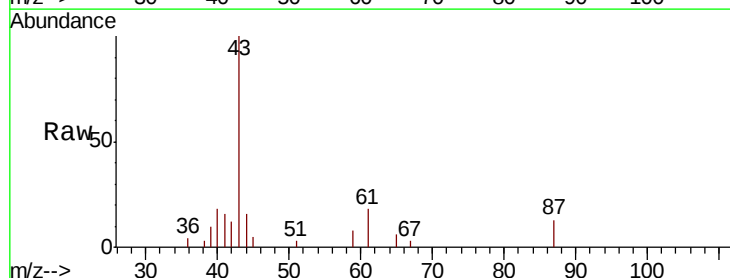
Tgt Ion: 43 Resp: 14719

Ion Ratio Lower Upper

43 100

61 17.7 14.3 21.5

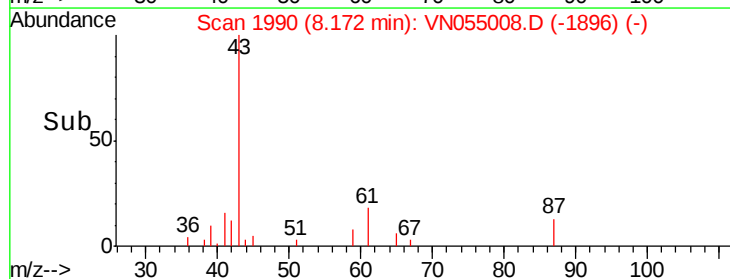
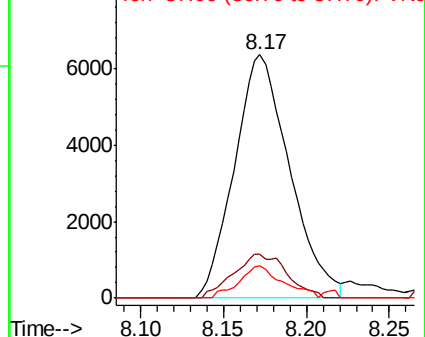
87 10.6 8.6 13.0

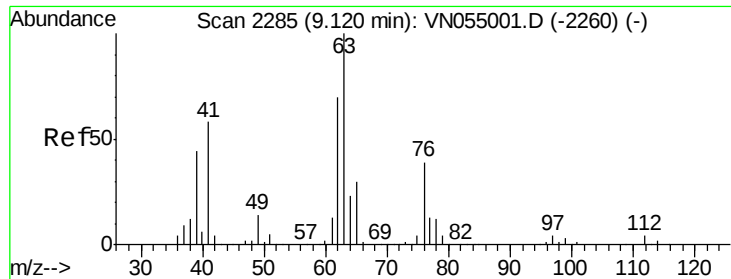


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

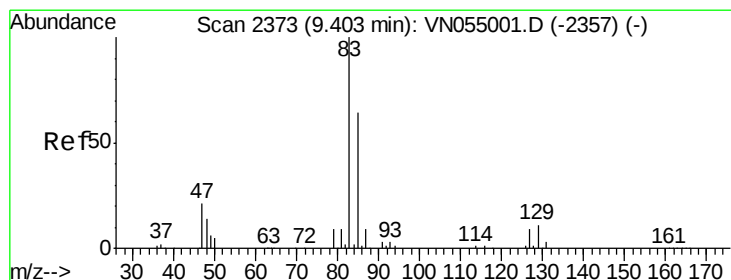
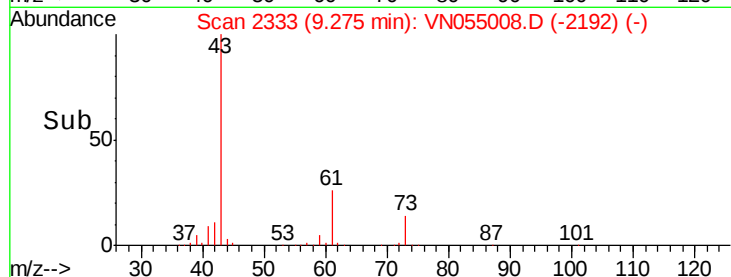
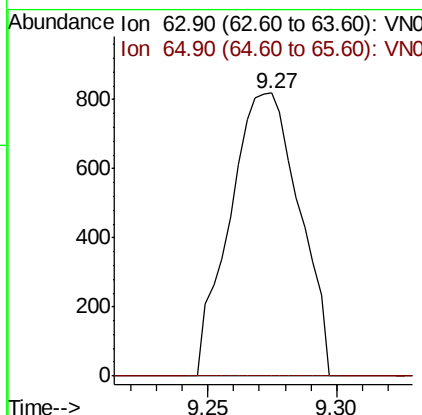
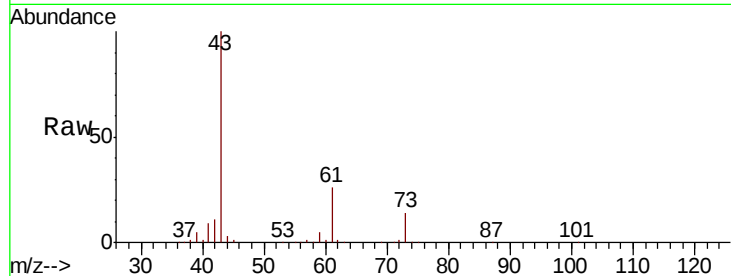




#45
 1,2-Dichloropropane
 Concen: 0.220 ug/l
 RT: 9.27 min Scan# 2333
 Delta R.T. 0.15 min
 Lab File: VN055008.D
 Acq: 12 Apr 2019 19:19

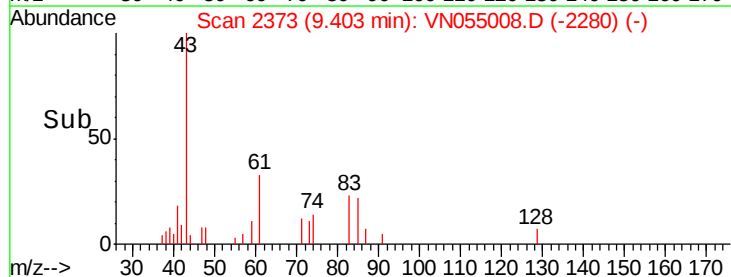
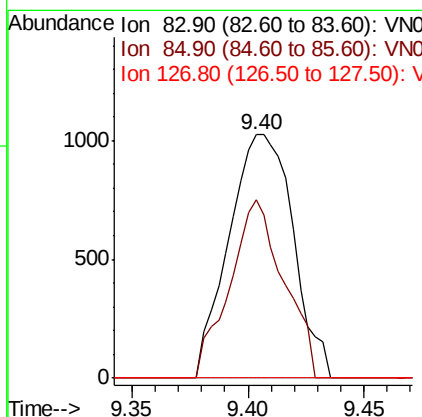
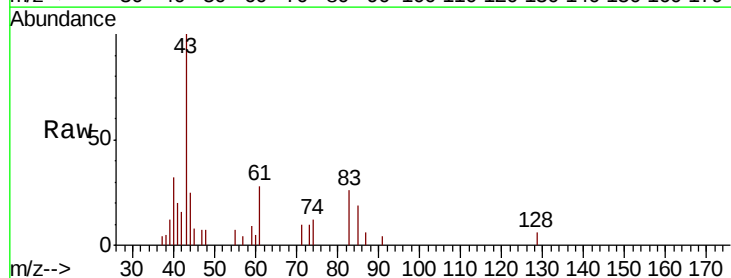
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

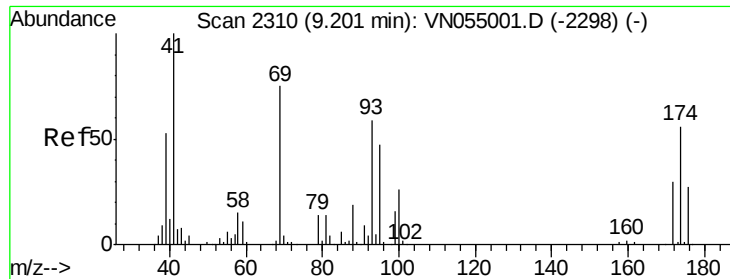
Tot Ion: 63 Resp: 1538
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.4 36.6#



#47
 Bromodichloromethane
 Concen: 0.242 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN055008.D
 Acq: 12 Apr 2019 19:19

Tgt Ion: 83 Resp: 1970
 Ion Ratio Lower Upper
 83 100
 85 73.0 51.2 76.8
 127 0.0 6.8 10.2#

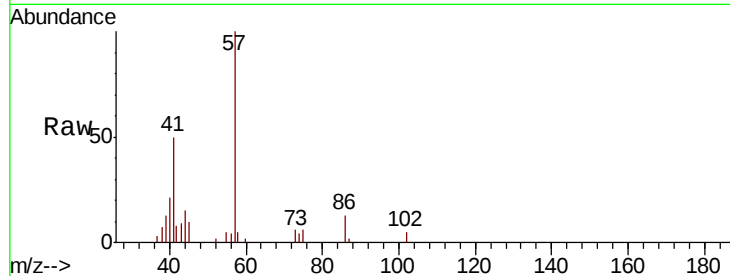




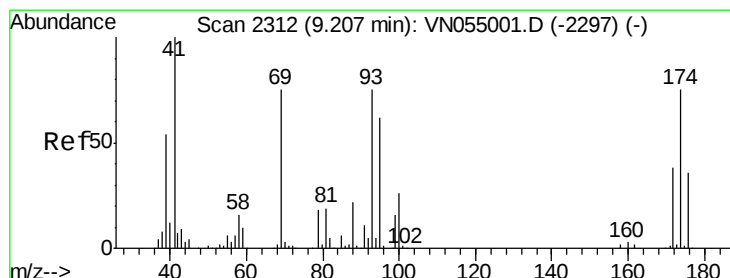
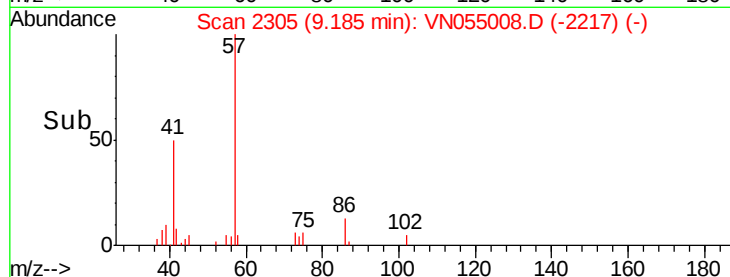
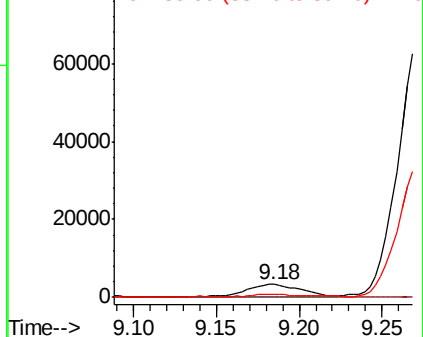
#48
Methvl methacrylate
Concen: 1.455 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN055008.D
Acq: 12 Apr 2019 19:19

Instrument :
MSVOA_N
ClientSampled :
TP-5

Tot Ion: 41 Resp: 7879
Ion Ratio Lower Upper
41 100
69 0.0 60.5 90.7#
39 0.0 43.9 65.9#

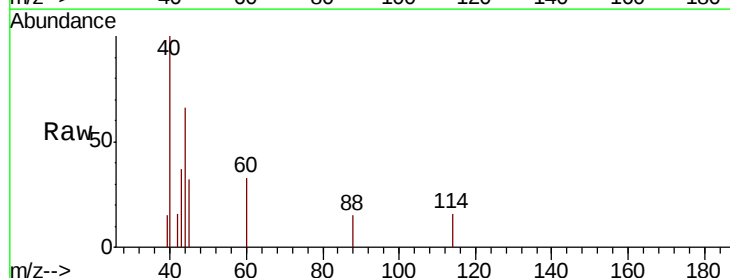


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

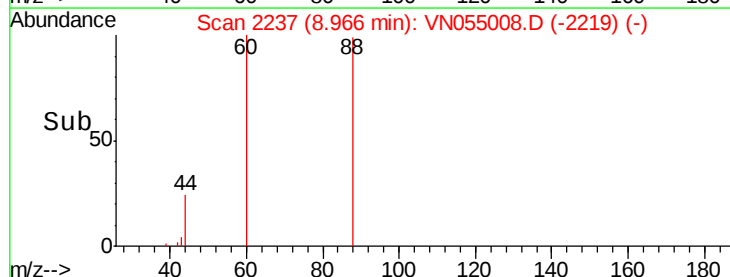
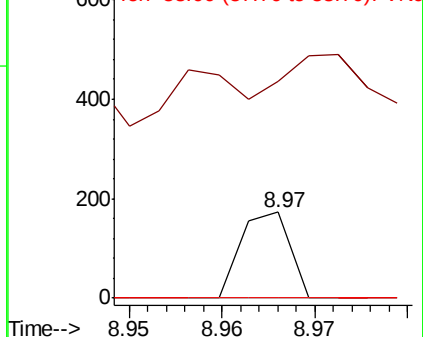


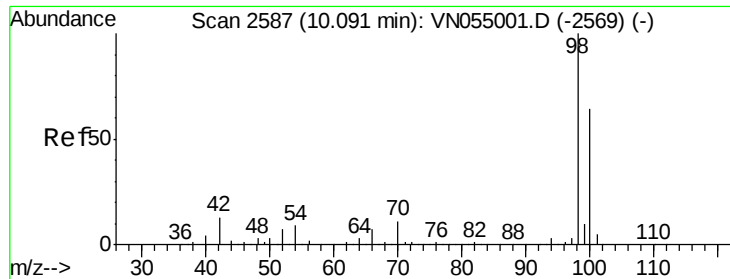
#49
1,4-Dioxane
Concen: 1.082 ug/l
RT: 8.97 min Scan# 2237
Delta R.T. -0.24 min
Lab File: VN055008.D
Acq: 12 Apr 2019 19:19

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 0.0 31.8 47.8#
58 0.0 61.6 92.4#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 49.796 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

Instrument :

MSVOA_N

ClientSampled :

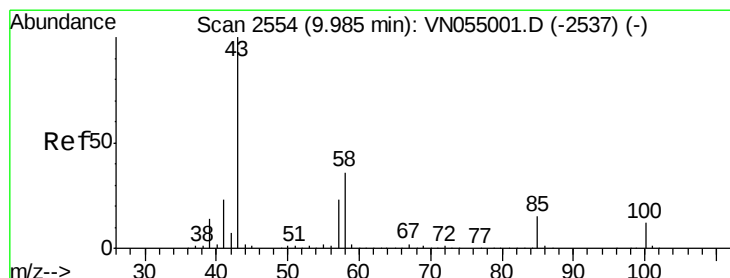
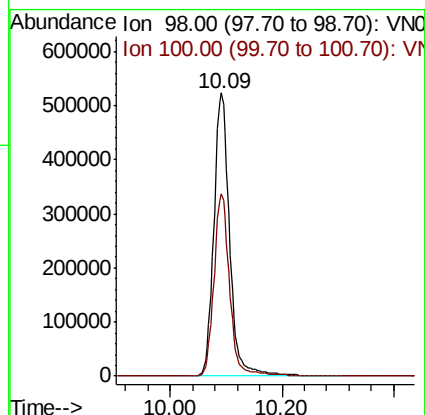
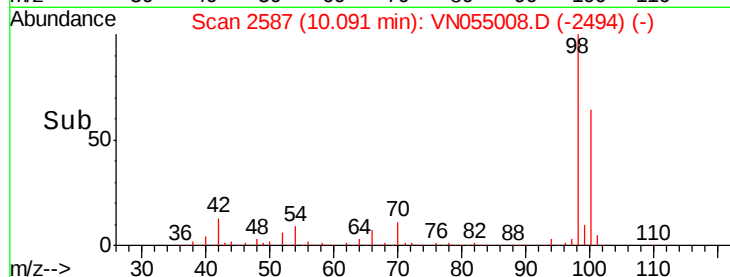
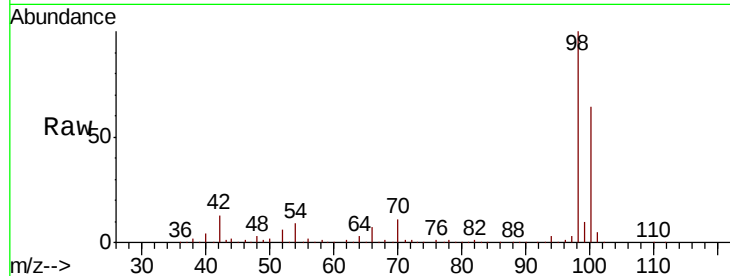
TP-5

Tot Ion: 98 Resp: 1032860

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



#51

4-Methyl-2-Pentanone

Concen: 0.800 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN055008.D

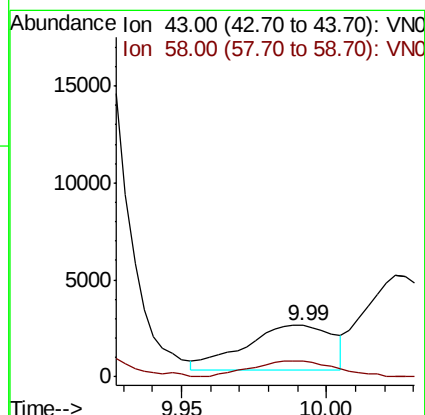
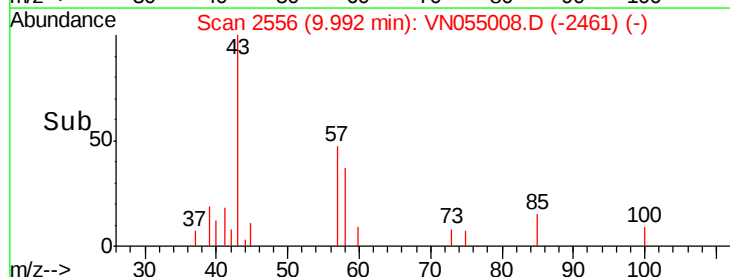
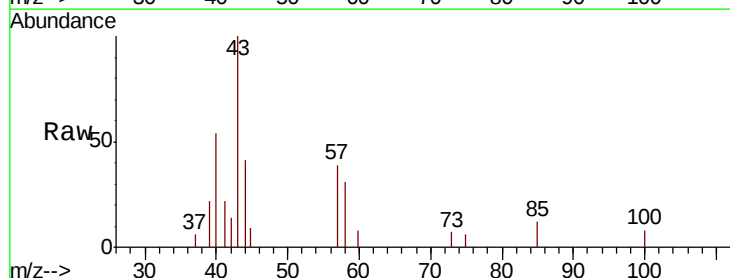
Acq: 12 Apr 2019 19:19

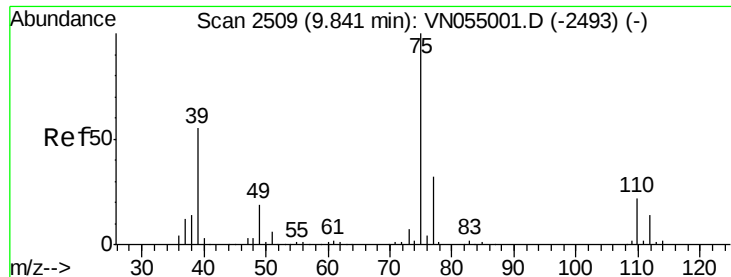
Tgt Ion: 43 Resp: 4922

Ion Ratio Lower Upper

43 100

58 34.2 29.0 43.4





#54

cis-1,3-Dichloropropene

Concen: 5.124 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

Instrument :

MSVOA_N

ClientSampleId :

TP-5

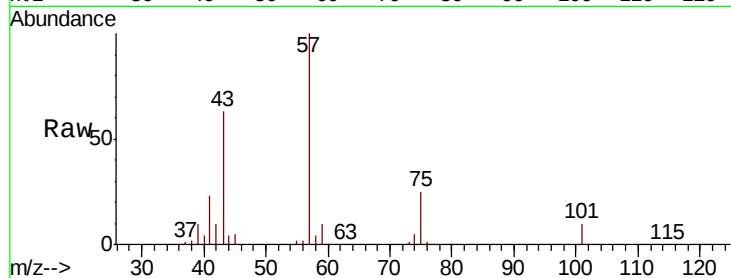
Tot Ion: 75 Resp: 46524

Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

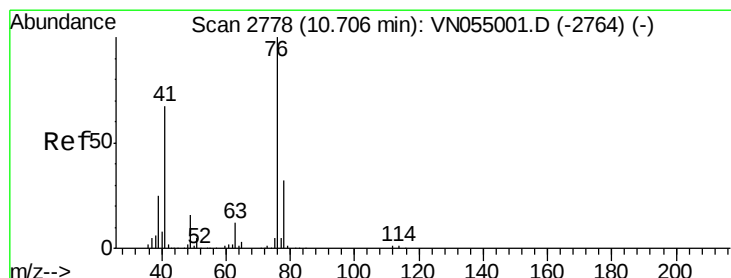
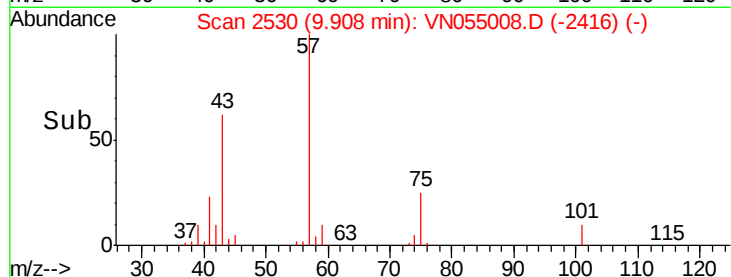
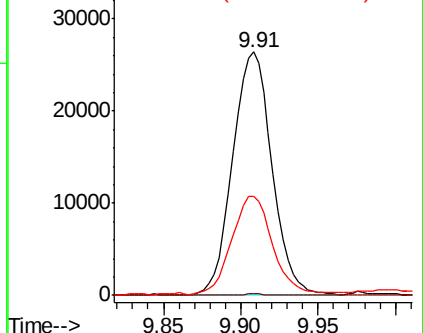
39 40.9 43.8 65.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.998 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN055008.D

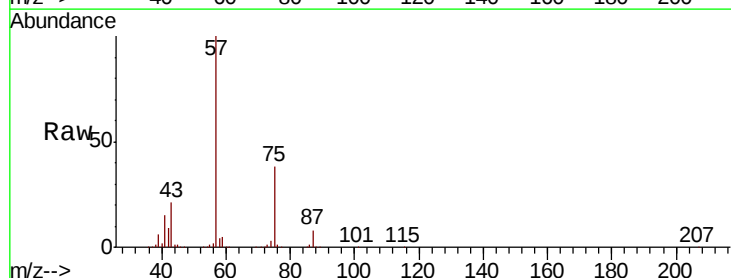
Acq: 12 Apr 2019 19:19

Tgt Ion: 76 Resp: 9390

Ion Ratio Lower Upper

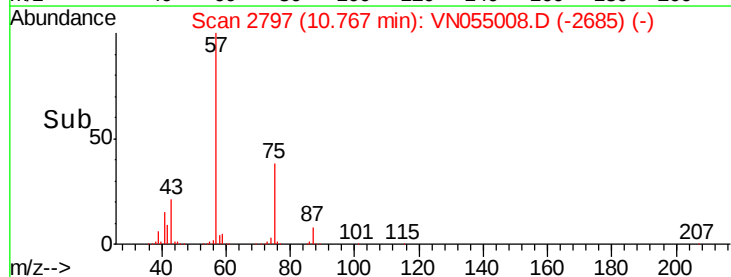
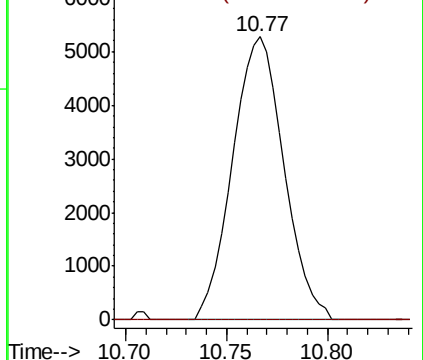
76 100

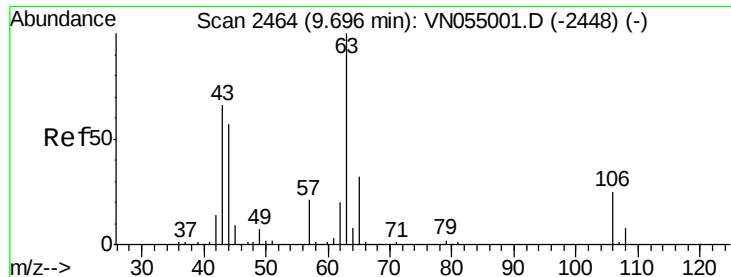
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

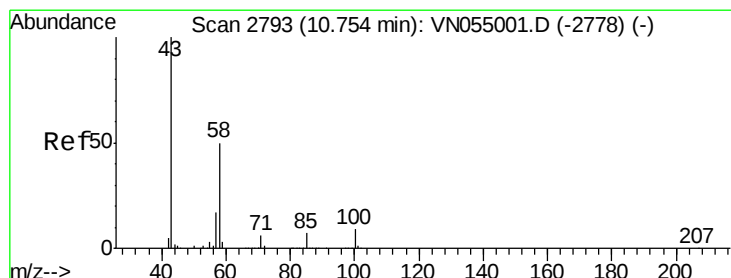
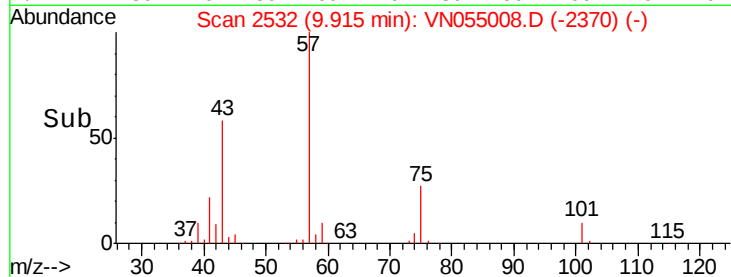
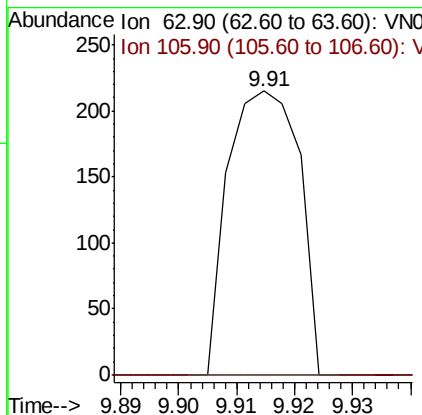
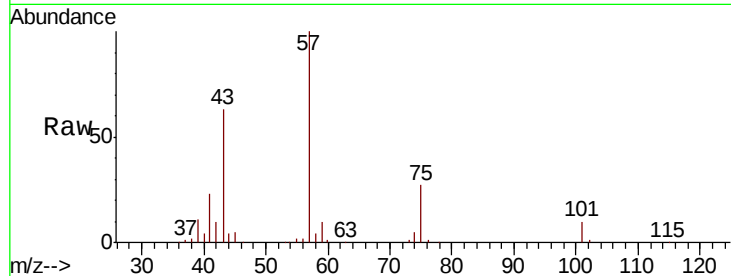




#58
 2-Chloroethyl Vinyl ether
 Concen: 18.257 ug/l
 RT: 9.91 min Scan# 2532
 Delta R.T. 0.22 min
 Lab File: VN055008.D
 Acq: 12 Apr 2019 19:19

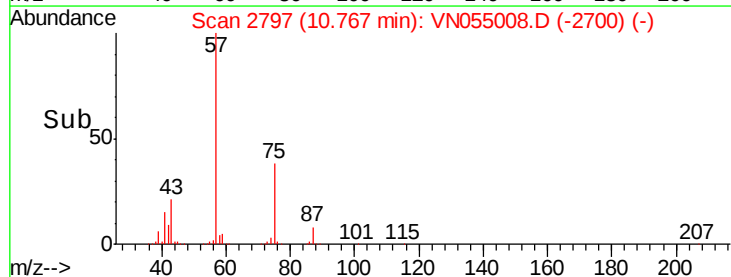
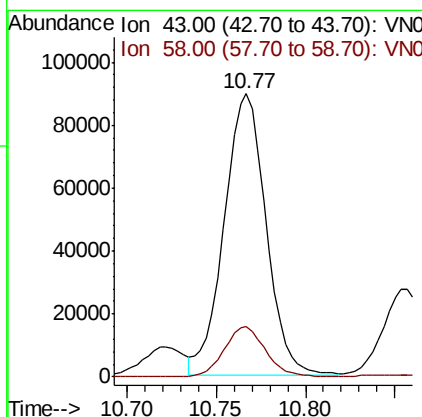
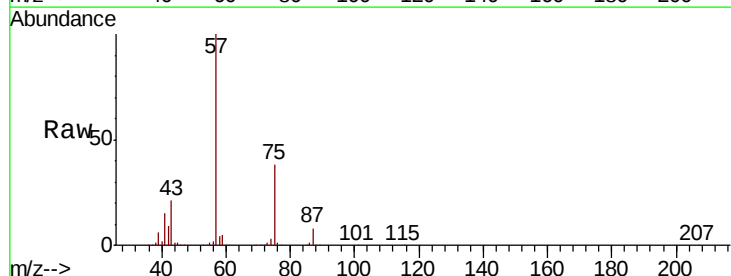
Instrument :
 MSVOA_N
 ClientSampled :
 TP-5

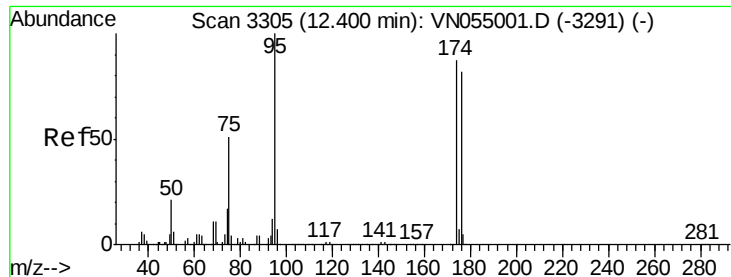
Tot Ion: 63 Resp: 183
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.0 30.0#



#59
 2-Hexanone
 Concen: 38.078 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN055008.D
 Acq: 12 Apr 2019 19:19

Tgt Ion: 43 Resp: 146429
 Ion Ratio Lower Upper
 43 100
 58 17.8 25.1 75.2#





#62

4-Bromofluorobenzene

Concen: 42.071 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

Instrument :

MSVOA_N

ClientSampled :

TP-5

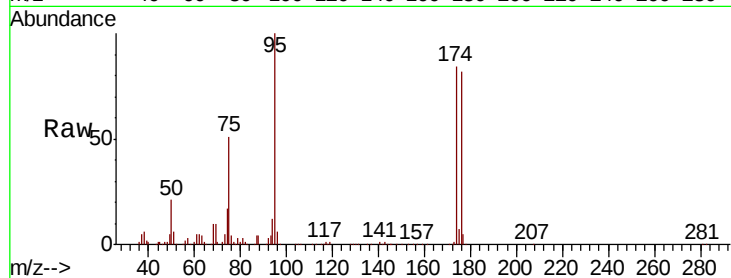
Tot Ion: 95 Resp: 293941

Ion Ratio Lower Upper

95 100

174 85.2 0.0 174.4

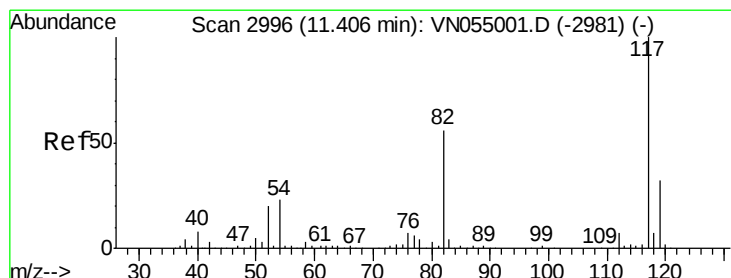
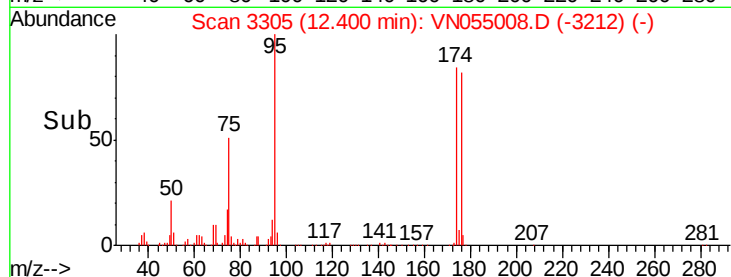
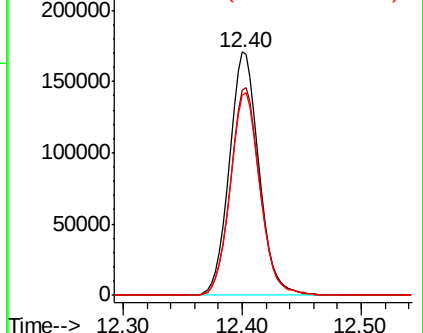
176 83.3 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055008.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055008.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055008.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

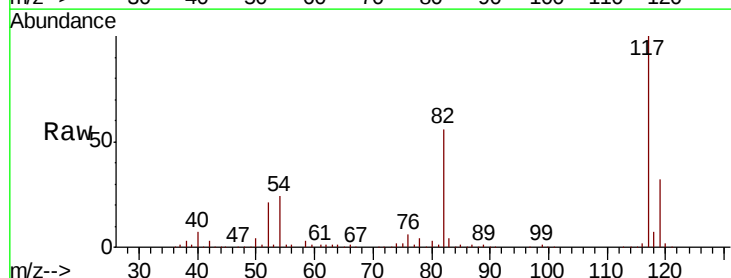
Tgt Ion: 117 Resp: 715010

Ion Ratio Lower Upper

117 100

82 56.2 44.6 66.8

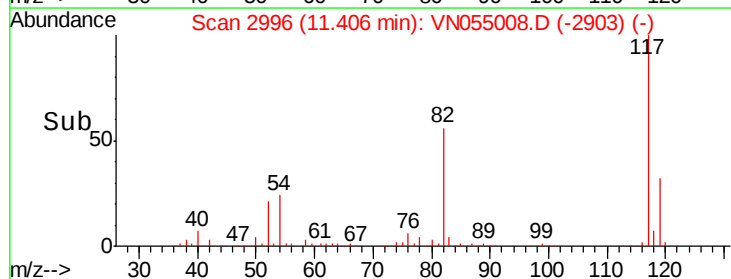
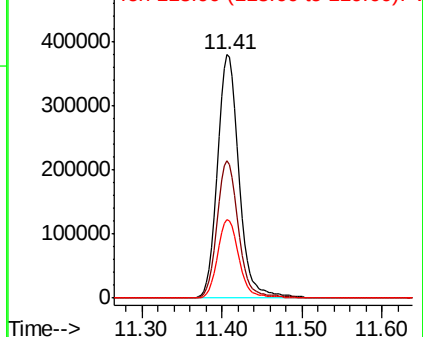
119 32.2 25.5 38.3

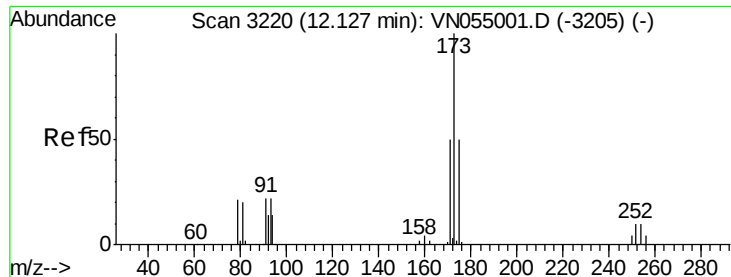


Abundance Ion 116.90 (116.60 to 117.60): VN055008.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055008.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055008.D (-2903) (-)





#71

Bromoform

Concen: 3.405 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

Instrument :

MSVOA_N

ClientSampleId :

TP-5

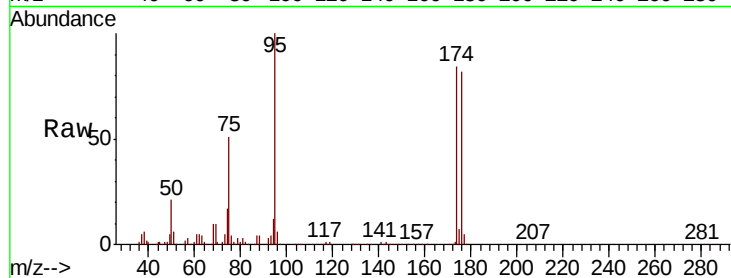
Tot Ion:173 Resp: 3013

Ion Ratio Lower Upper

173 100

175 556.2 24.3 73.0#

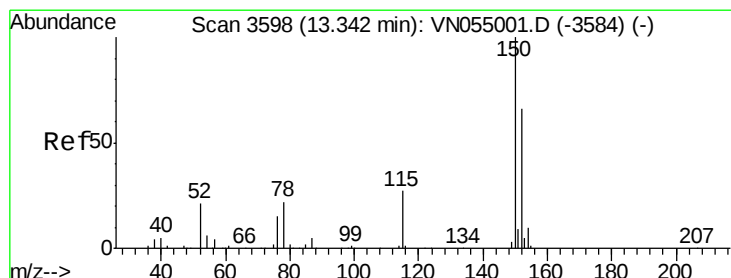
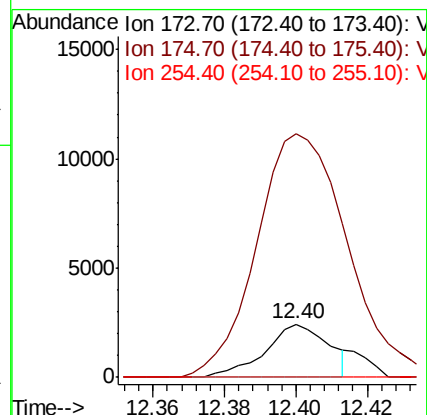
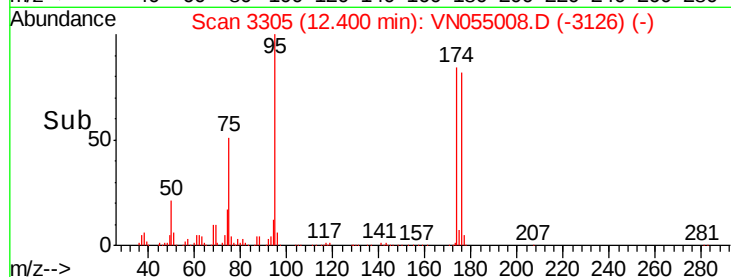
254 0.0 0.1 0.1#



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: VN055008.D

Acq: 12 Apr 2019 19:19

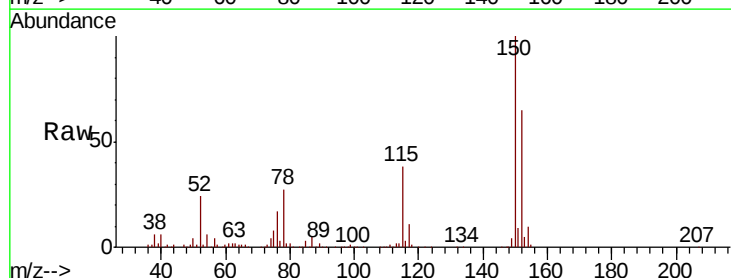
Tgt Ion:152 Resp: 226402

Ion Ratio Lower Upper

152 100

115 57.7 28.5 85.6

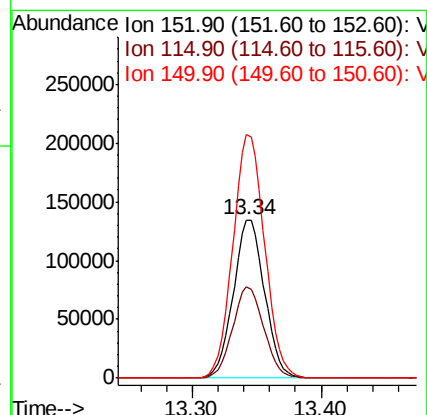
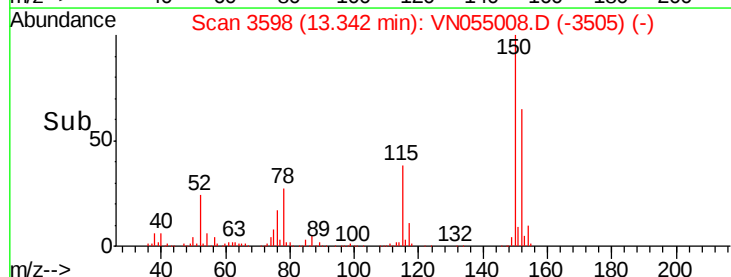
150 155.9 0.0 347.2

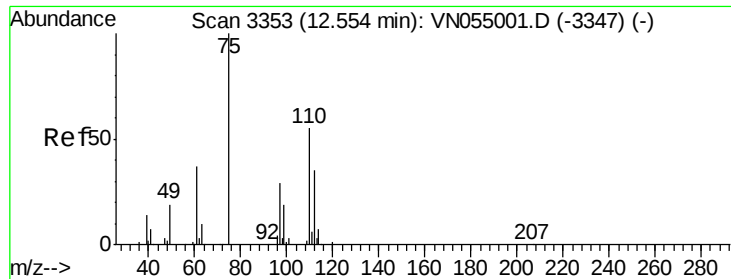


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 35.812 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

Instrument :

MSVOA_N

ClientSampleId :

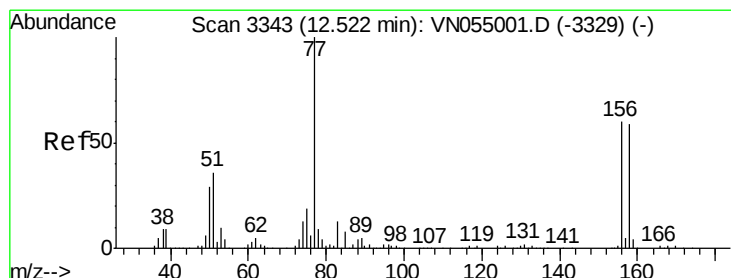
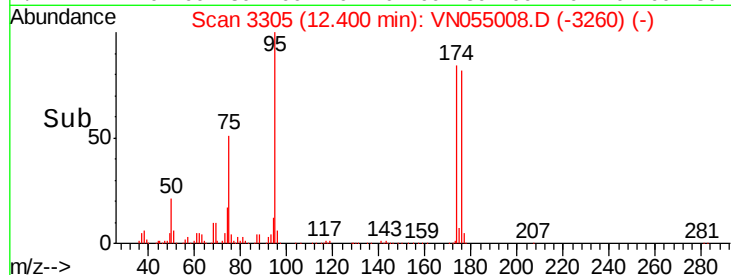
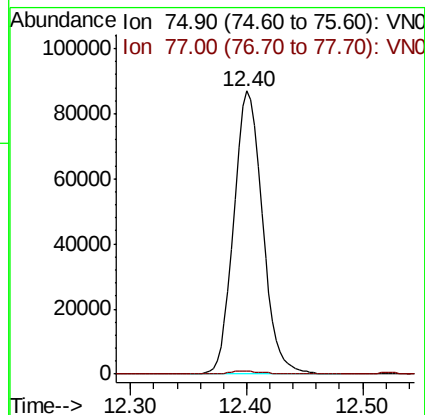
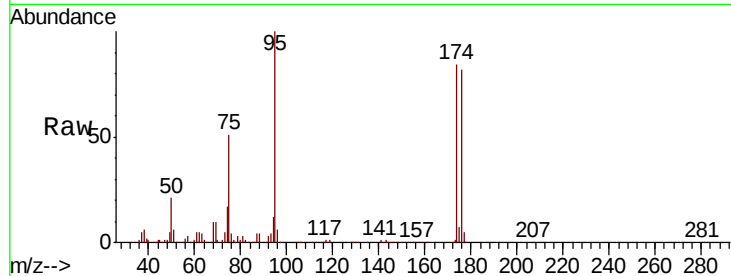
TP-5

Tot Ion: 75 Resp: 149167

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#77

Bromobenzene

Concen: Below Cal

RT: 12.54 min Scan# 3349

Delta R.T. 0.02 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

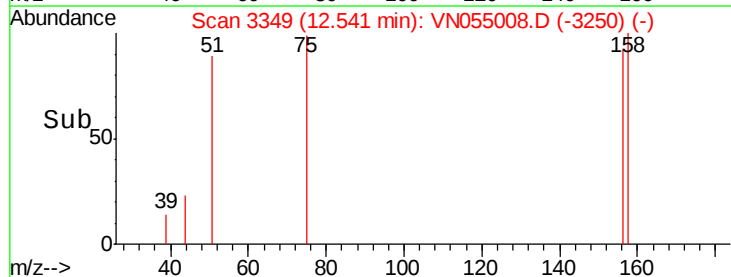
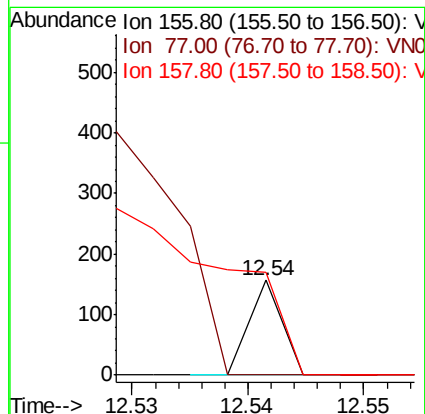
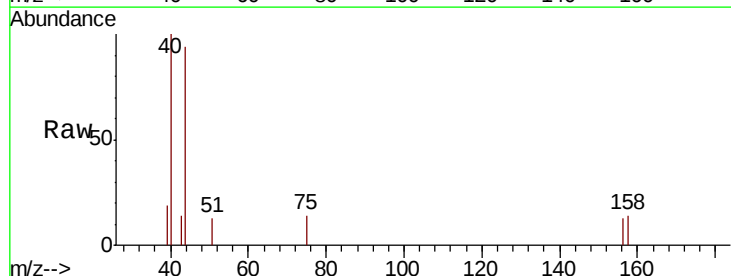
Tgt Ion: 156 Resp: 30

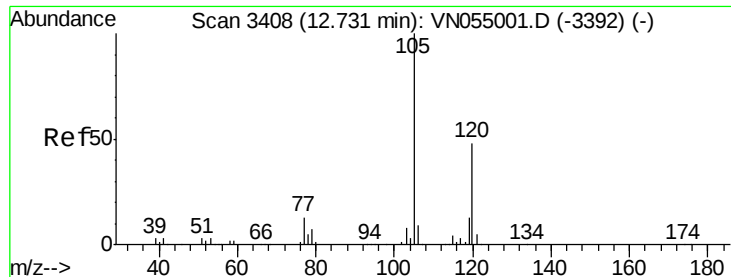
Ion Ratio Lower Upper

156 100

77 2016.7 97.2 291.5#

158 933.3 48.6 145.9#





#80

1,3,5-Trimethylbenzene

Concen: 0.255 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

Instrument :

MSVOA_N

ClientSampled :

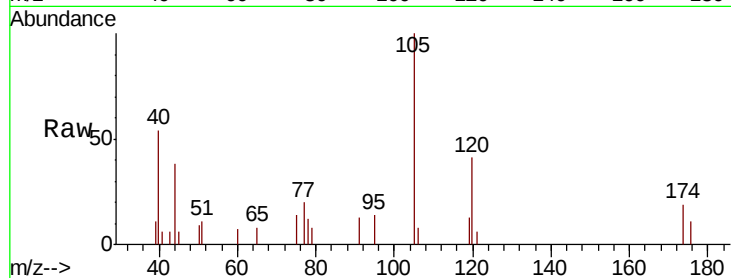
TP-5

Tot Ion:105 Resp: 4002

Ion Ratio Lower Upper

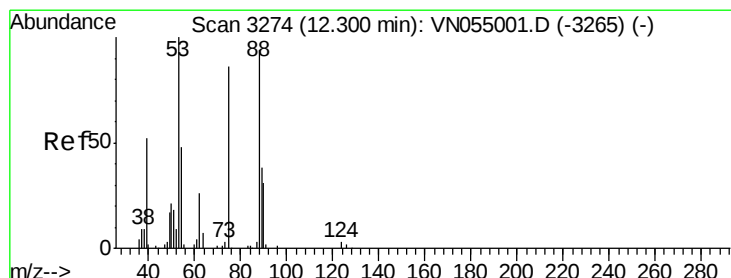
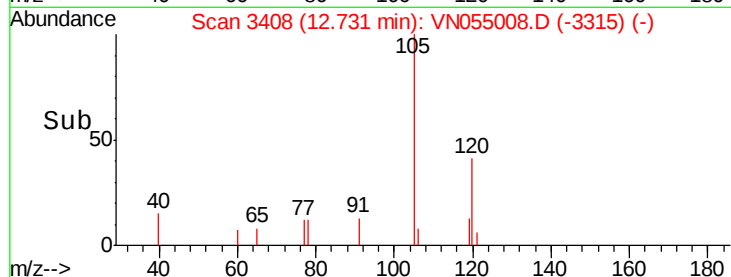
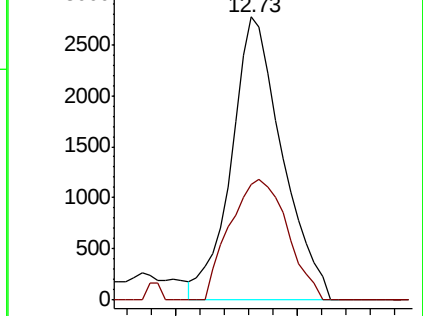
105 100

120 48.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 147.815 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

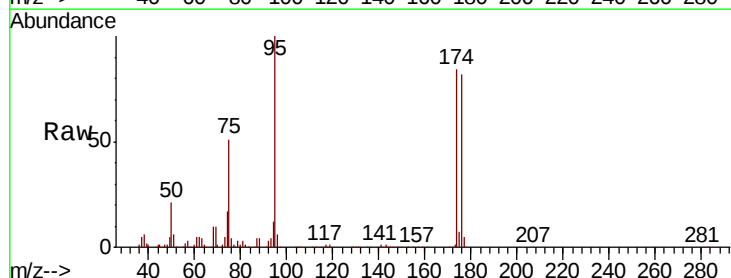
Tgt Ion: 75 Resp: 149167

Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

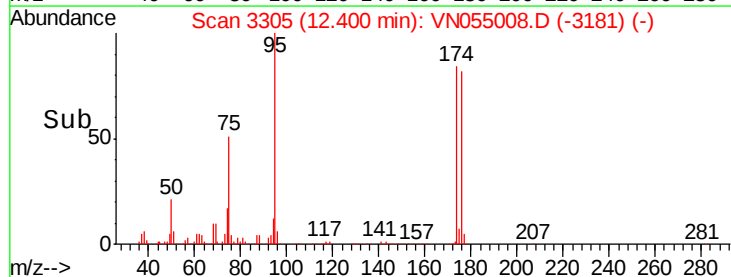
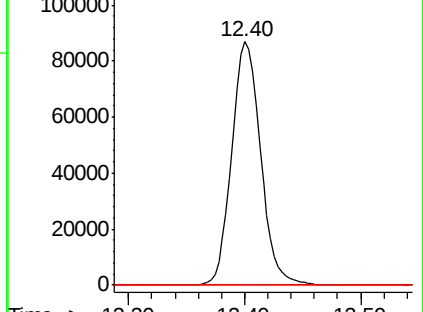
89 0.0 38.6 57.8#

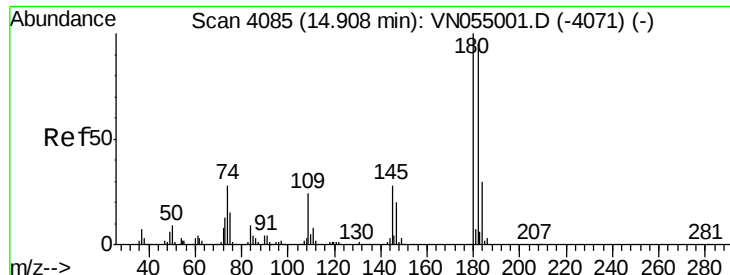


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

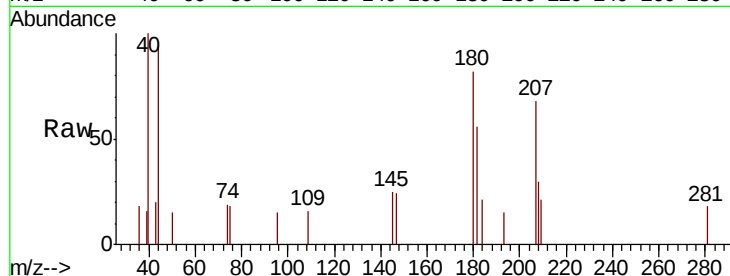




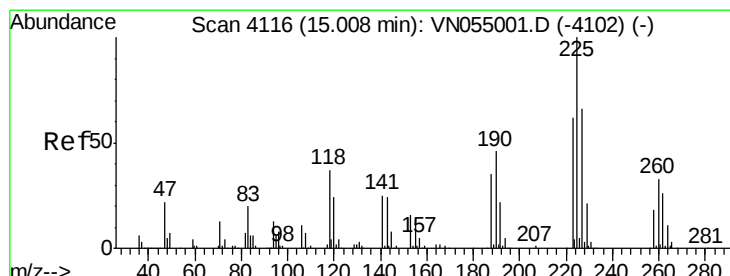
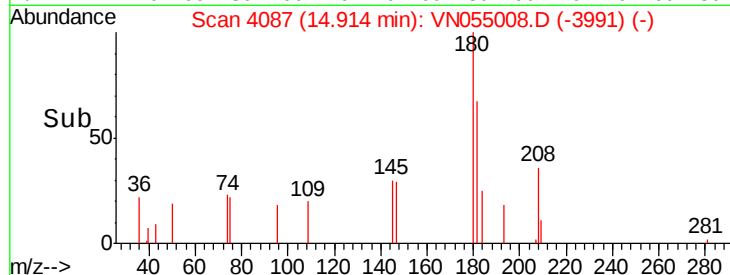
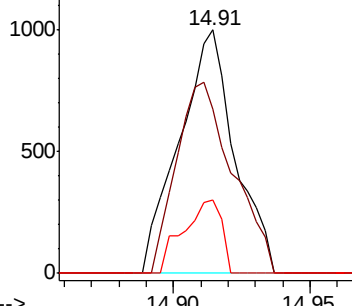
#93
 1,2,4-Trichlorobenzene
 Concen: 3.884 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN055008.D
 Acq: 12 Apr 2019 19:19

Instrument :
 MSVOA_N
 ClientSampled :
 TP-5

Tot Ion:180 Resp: 1409
 Ion Ratio Lower Upper
 180 100
 182 80.2 47.5 142.6
 145 20.9 14.2 42.8

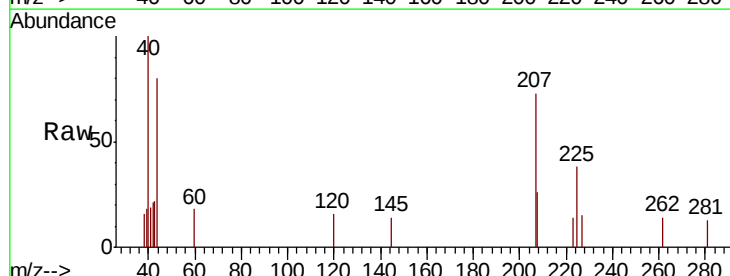


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

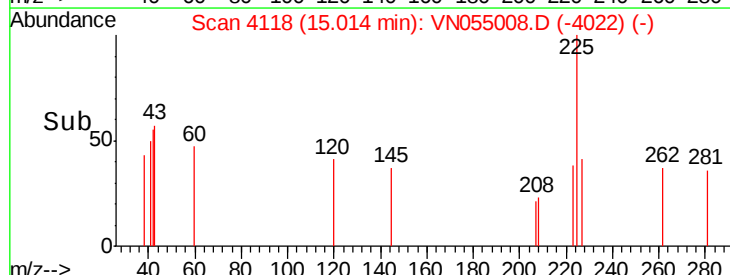
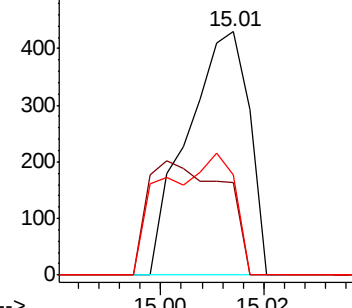


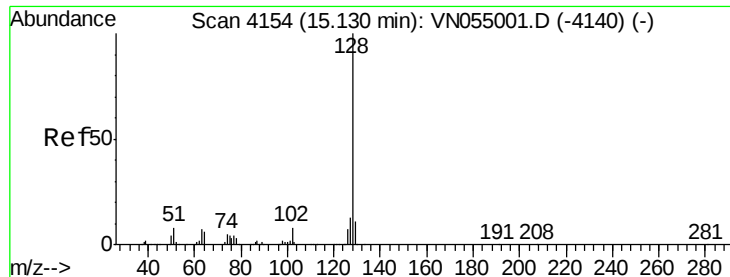
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.01 min
 Lab File: VN055008.D
 Acq: 12 Apr 2019 19:19

Tgt Ion:225 Resp: 357
 Ion Ratio Lower Upper
 225 100
 223 57.1 31.4 94.0
 227 57.4 32.6 97.7



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: 5.135 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

Instrument :

MSVOA_N

ClientSampleId :

TP-5

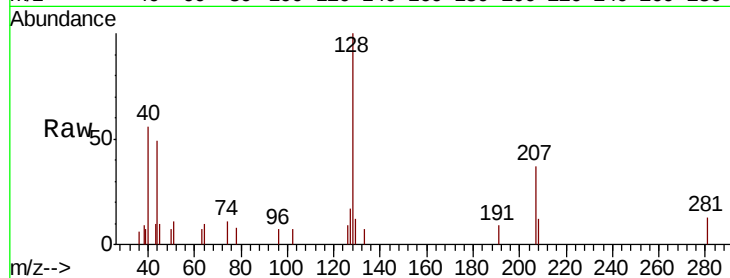
Tot Ion:128 Resp: 4385

Ion Ratio Lower Upper

128 100

127 11.0 10.1 15.1

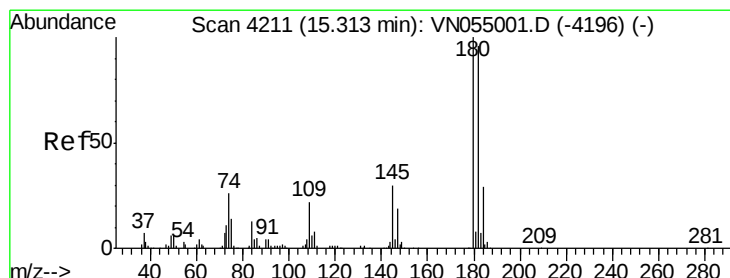
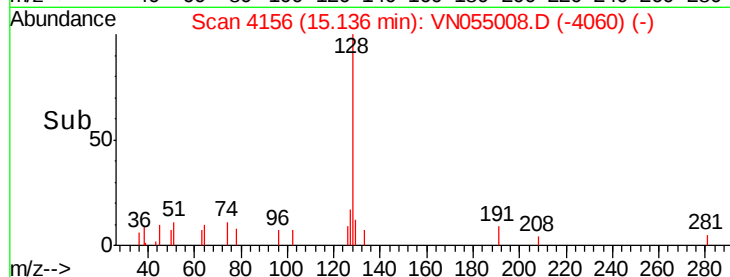
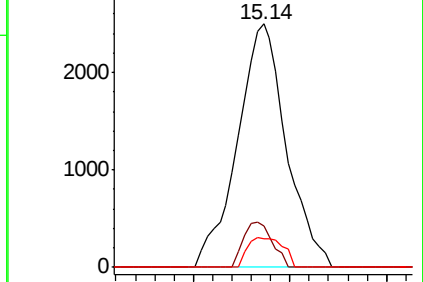
129 8.8 8.8 13.2



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: 0.414 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055008.D

Acq: 12 Apr 2019 19:19

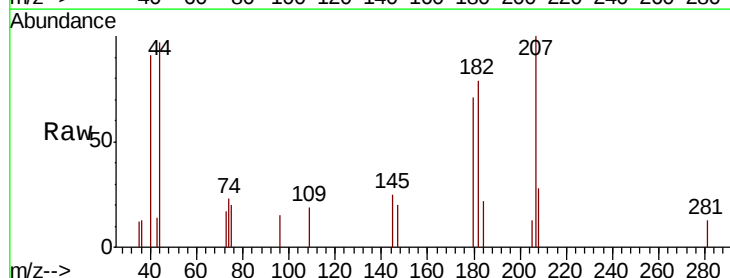
Tgt Ion:180 Resp: 1394

Ion Ratio Lower Upper

180 100

182 111.1 48.0 144.0

145 30.4 15.3 45.9



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

