

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055010.D
 Acq On : 12 Apr 2019 20:12
 Operator : JC/SP
 Sample : K2373-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TPH-FOUND

Quant Time: Apr 13 03:43:32 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	538903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	858572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	706484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	224165	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	346362	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
35) Dibromofluoromethane	7.59	113	275589	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
50) Toluene-d8	10.09	98	1013194	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.40	95	293741	43.38	ug/l	0.00
Spiked Amount			Recovery	=	86.76%	

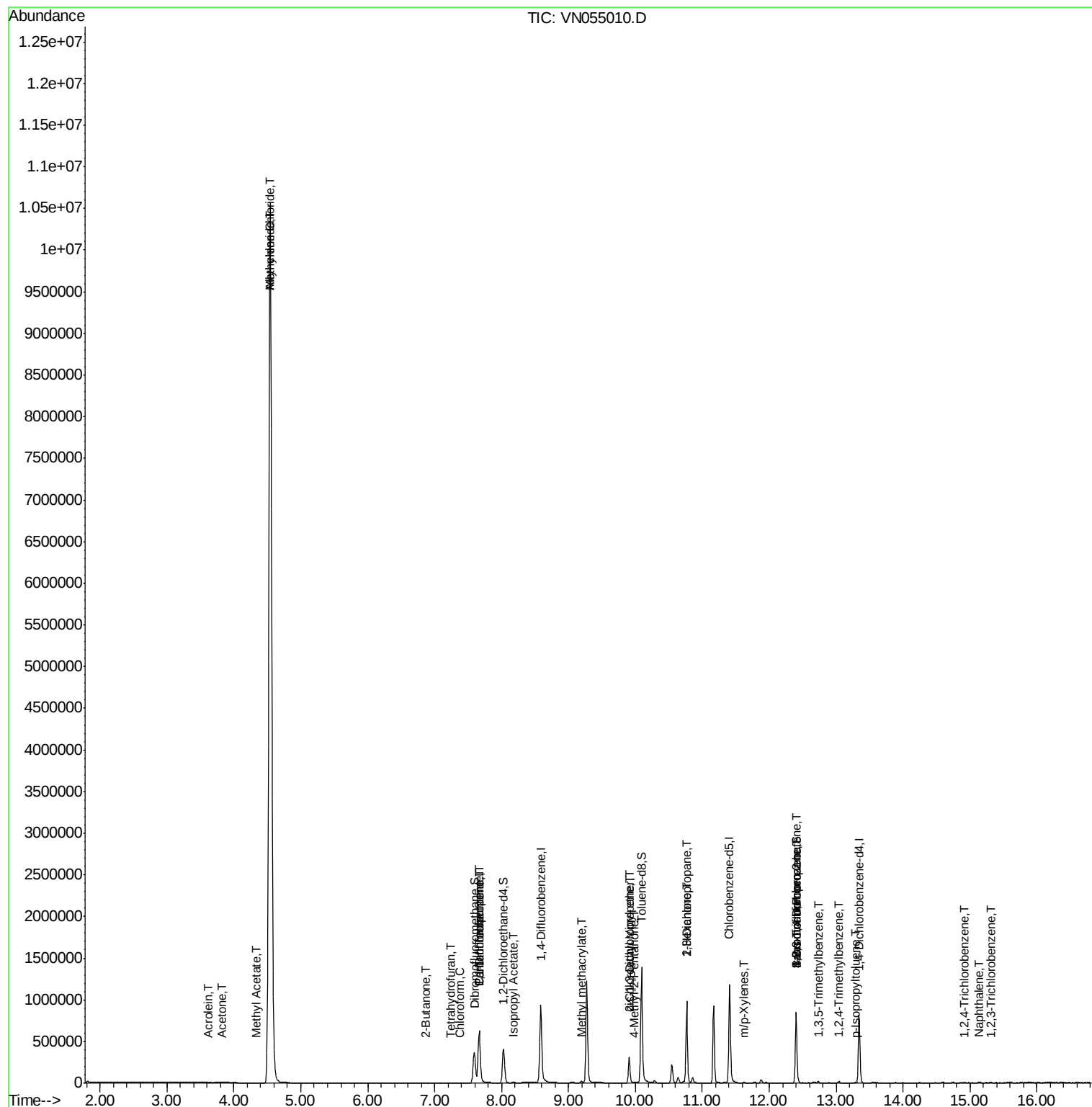
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.62	56	465	0.926	ug/l #	21
14) Allyl chloride	4.54	41	339740	33.372	ug/l #	26
16) Acetone	3.82	43	12744	6.860	ug/l	99
18) Methyl Acetate	4.32	43	1966	0.341	ug/l	98
20) Methylene Chloride	4.54	84	7469335	1275.778	ug/l	96
25) 2-Butanone	6.88	43	1788	0.625	ug/l #	53
29) Tetrahydrofuran	7.24	42	1688	0.900	ug/l #	69
30) Chloroform	7.37	83	3365	0.317	ug/l #	78
31) Cyclohexane	7.67	56	11389	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	40442	5.097	ug/l #	48
38) Carbon Tetrachloride	7.67	117	49523	6.630	ug/l #	15
43) Isopropyl Acetate	8.18	43	15220	1.494	ug/l	97
48) Methyl methacrylate	9.18	41	7231	1.378	ug/l #	17
51) 4-Methyl-2-Pentanone	9.99	43	4633	0.777	ug/l	98
54) cis-1,3-Dichloropropene	9.91	75	49267	5.599	ug/l #	67
57) 1,3-Dichloropropane	10.77	76	9637	1.057	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.90	63	105	18.235	ug/l #	50
59) 2-Hexanone	10.77	43	154007	41.323	ug/l #	53
68) m/p-Xylenes	11.62	106	1848	0.202	ug/l	77
71) Bromoform	12.40	173	3135	3.449	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	151118	36.643	ug/l #	100
77) Bromobenzene	12.52	156	359	Below Cal	#	1
80) 1,3,5-Trimethylbenzene	12.73	105	8268	0.533	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	151118	151.243	ug/l #	2
84) 1,2,4-Trimethylbenzene	13.04	105	11823	0.795	ug/l	98
86) p-Isopropyltoluene	13.29	119	2977	0.202	ug/l	94
93) 1,2,4-Trichlorobenzene	14.91	180	621	3.688	ug/l #	79
94) Hexachlorobutadiene	15.01	225	232	Below Cal	#	37
95) Naphthalene	15.13	128	9020	5.630	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.32	180	854	0.256	ug/l	72

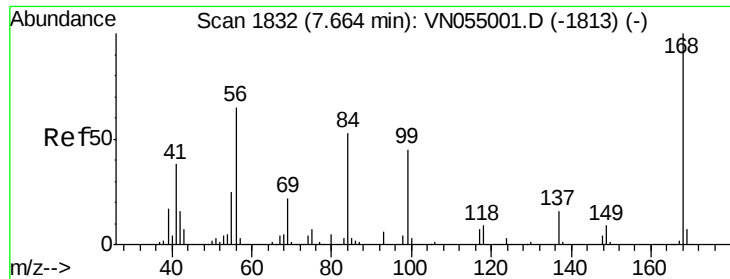
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

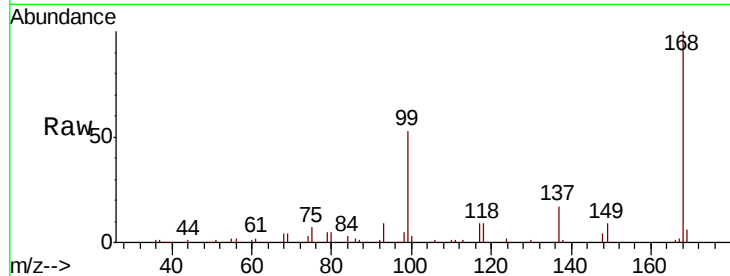
TPH-FOUND

Tot Ion:168 Resp: 538903

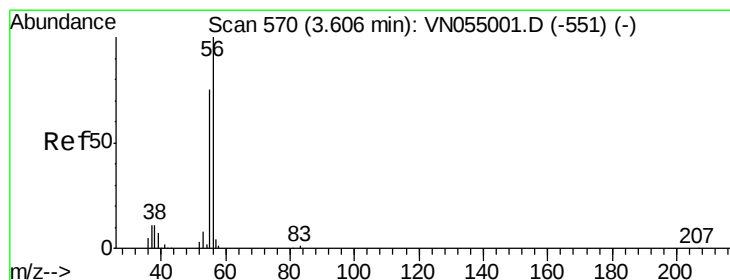
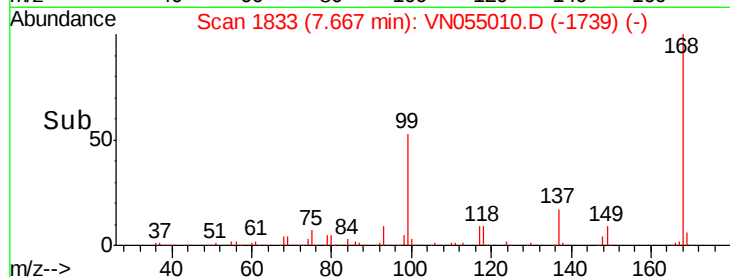
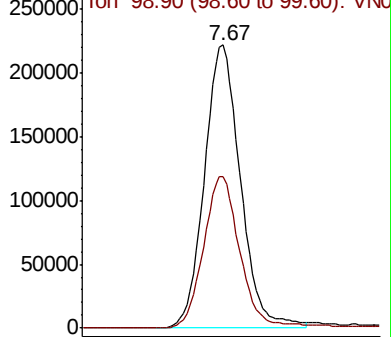
Ion Ratio Lower Upper

168 100

99 53.4 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055010.D (-1739) (-)



#13

Acrolein

Concen: 0.926 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN055010.D

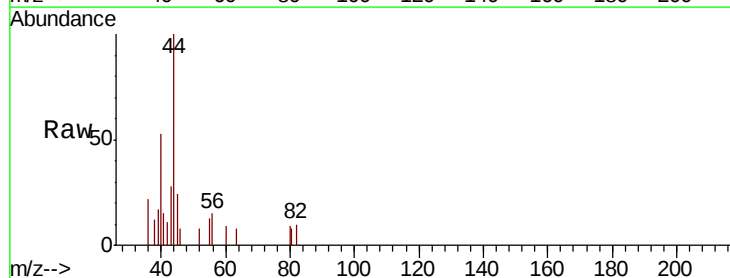
Acq: 12 Apr 2019 20:12

Tgt Ion: 56 Resp: 465

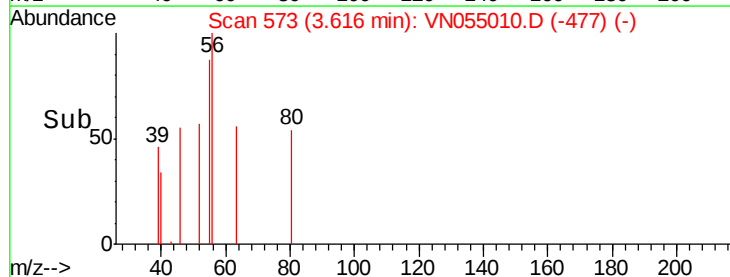
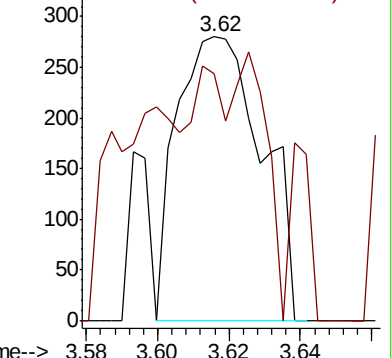
Ion Ratio Lower Upper

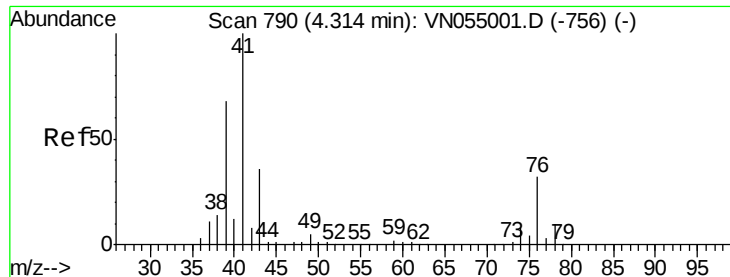
56 100

55 7.5 59.5 89.3#



Abundance Ion 56.00 (55.70 to 56.70): VN055010.D (-477) (-)





#14

Allvl chloride

Concen: 33.372 ug/l

RT: 4.54 min Scan# 860

Delta R.T. 0.23 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA_N

ClientSampled :

TPH-FOUND

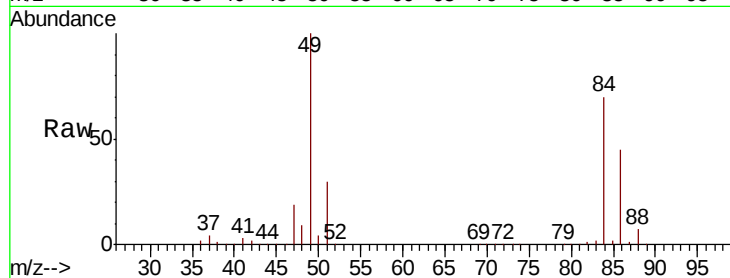
Tot Ion: 41 Resp: 339740

Ion Ratio Lower Upper

41 100

39 0.7 52.7 79.1#

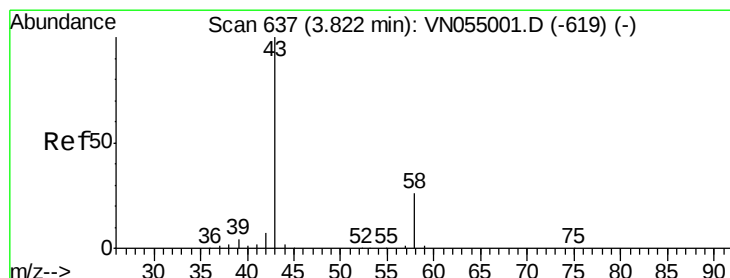
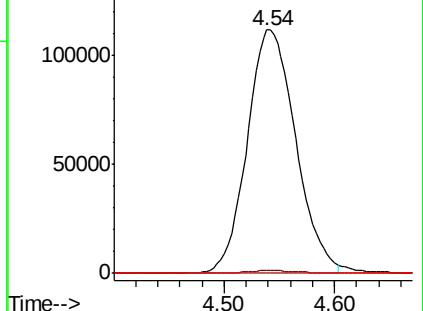
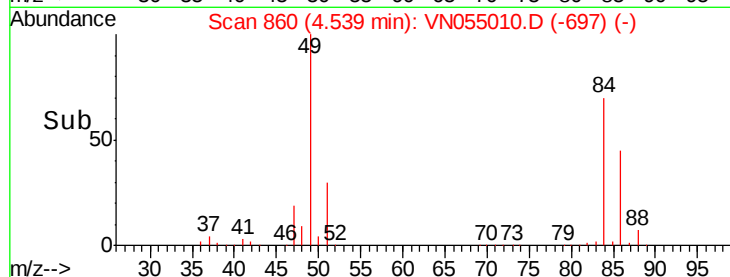
76 0.0 23.2 34.8#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 6.860 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN055010.D

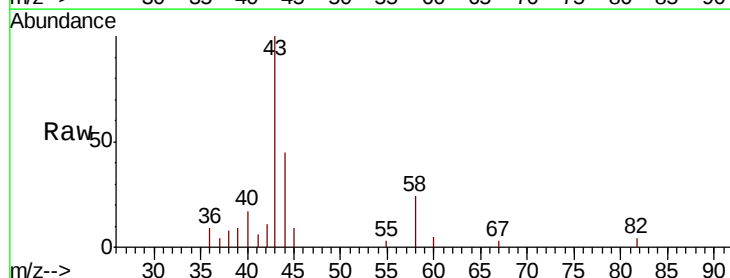
Acq: 12 Apr 2019 20:12

Tgt Ion: 43 Resp: 12744

Ion Ratio Lower Upper

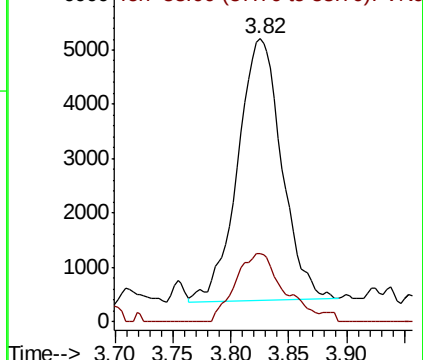
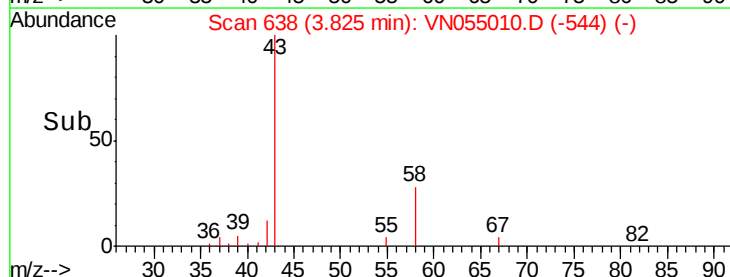
43 100

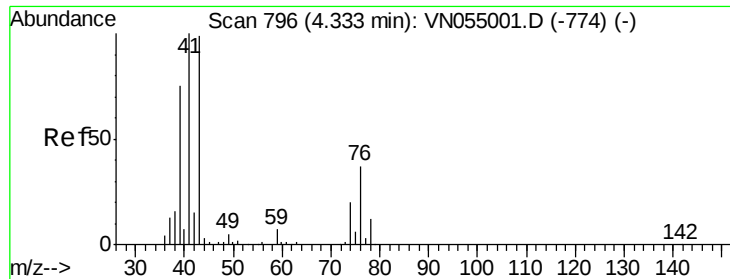
58 26.4 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

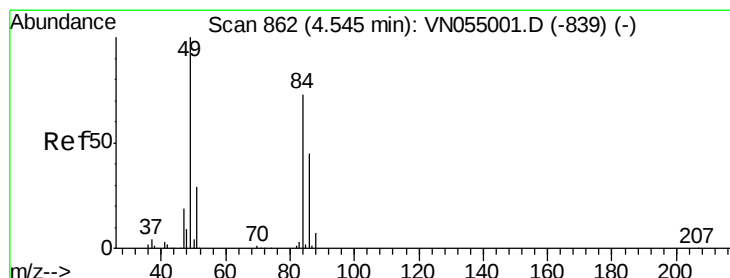
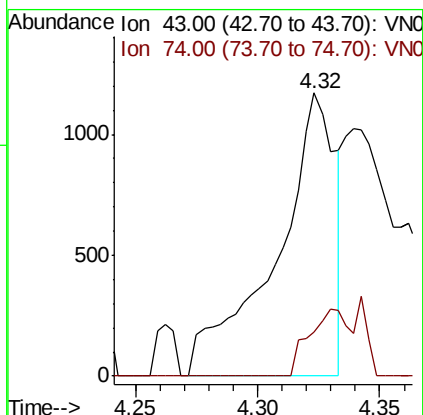
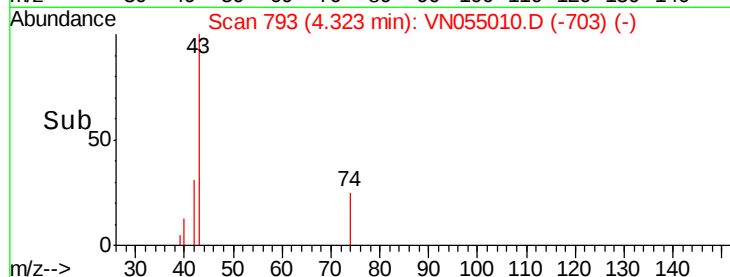
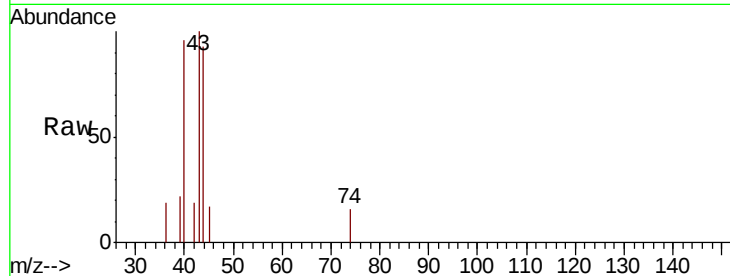




#18
Methyl Acetate
Concen: 0.341 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.01 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

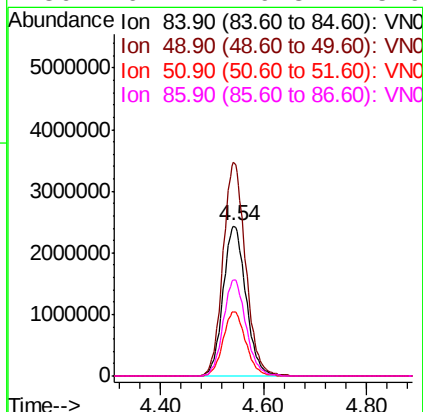
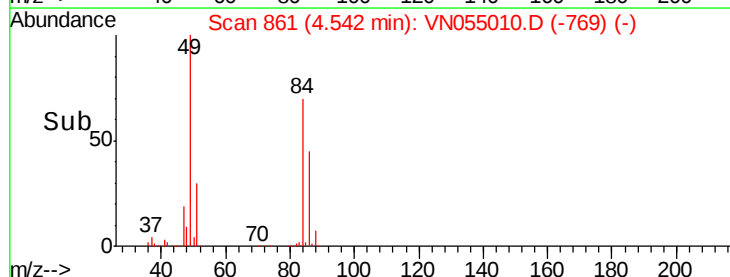
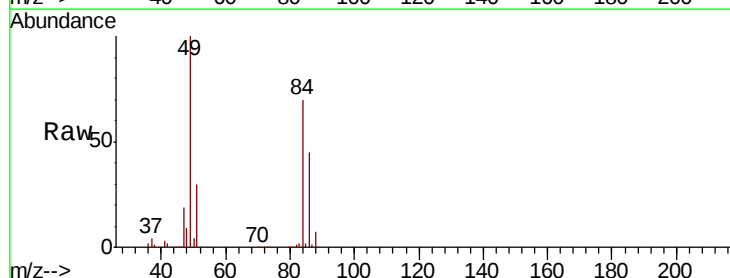
Instrument :
MSVOA_N
ClientSampled :
TPH-FOUND

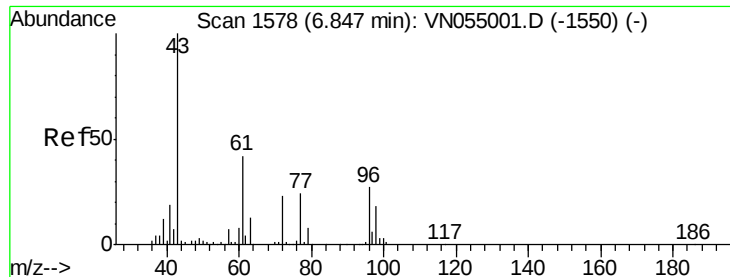
Tot Ion: 43 Resp: 1966
Ion Ratio Lower Upper
43 100
74 21.0 16.1 24.1



#20
Methylene Chloride
Concen: 1275.778 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion: 84 Resp: 7469335
Ion Ratio Lower Upper
84 100
49 142.1 109.4 164.2
51 42.9 32.2 48.4
86 64.2 49.3 73.9





#25

2-Butanone

Concen: 0.625 ug/l

RT: 6.88 min Scan# 1587

Delta R.T. 0.03 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

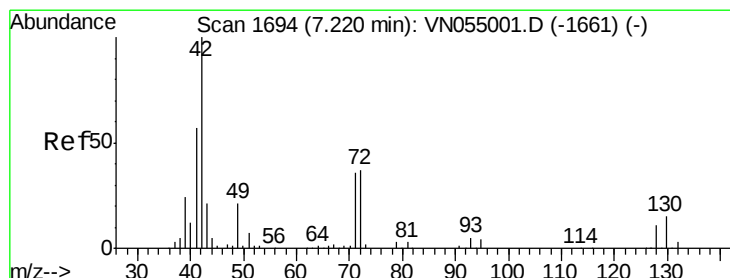
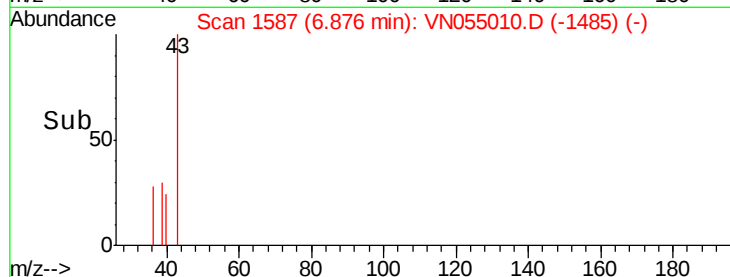
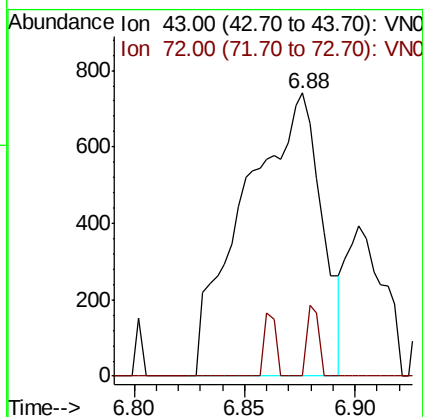
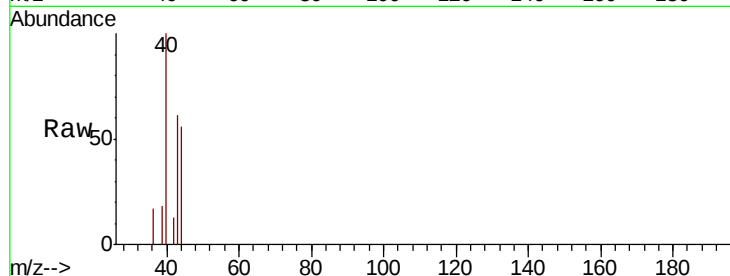
TPH-FOUND

Tot Ion: 43 Resp: 1788

Ion Ratio Lower Upper

43 100

72 0.0 18.1 27.1#



#29

Tetrahydrofuran

Concen: 0.900 ug/l

RT: 7.24 min Scan# 1700

Delta R.T. 0.02 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

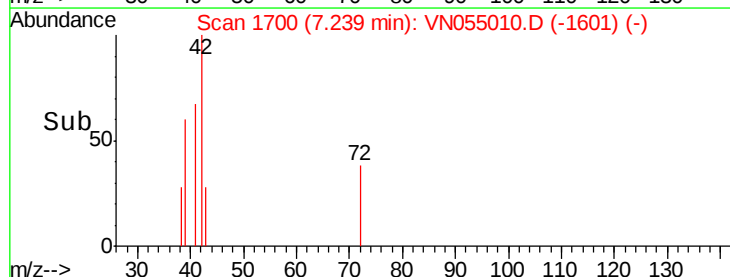
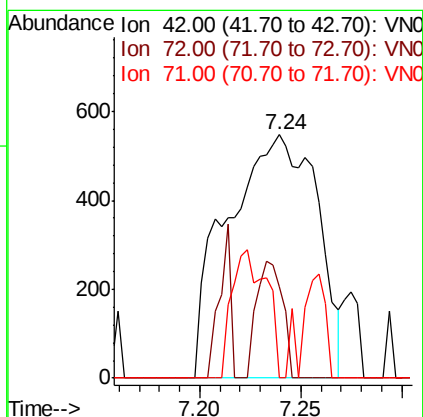
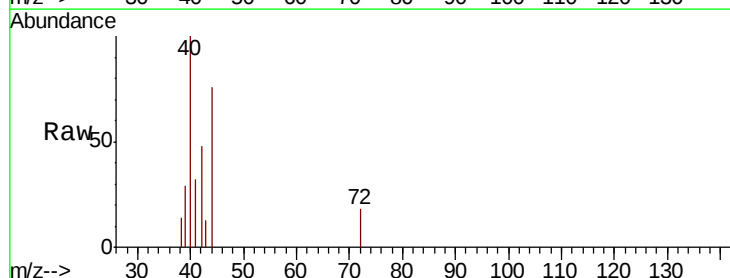
Tgt Ion: 42 Resp: 1688

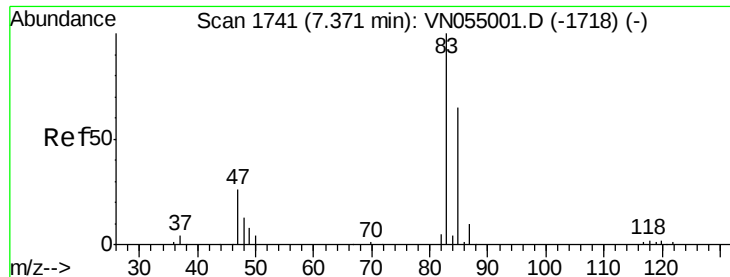
Ion Ratio Lower Upper

42 100

72 14.2 29.4 44.0#

71 20.6 27.8 41.6#

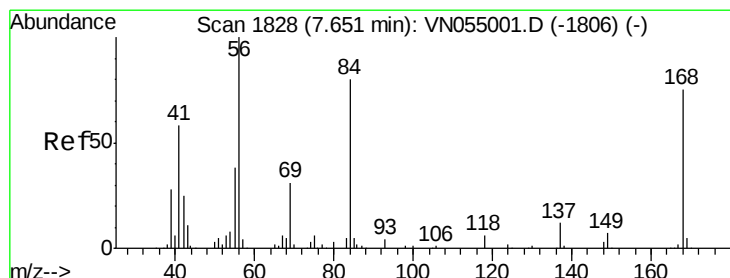
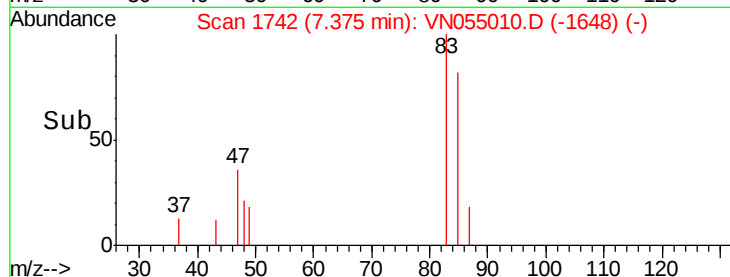
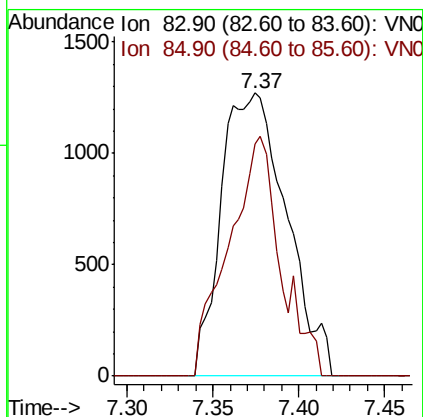
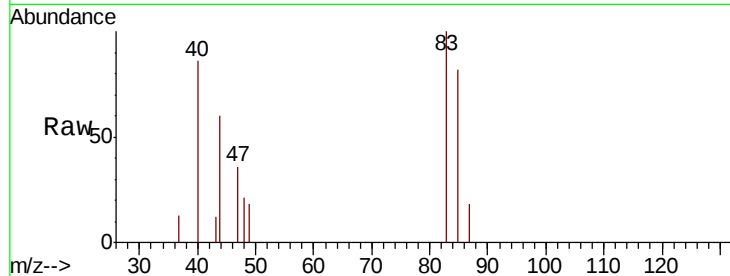




#30
Chloroform
Concen: 0.317 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

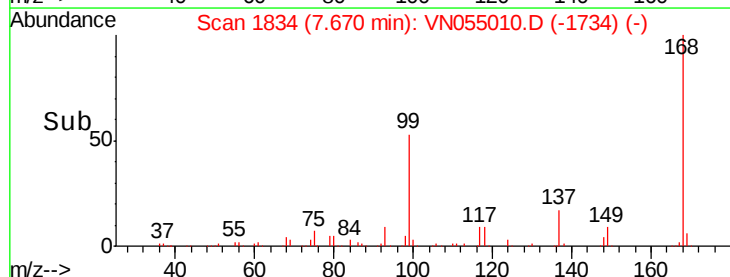
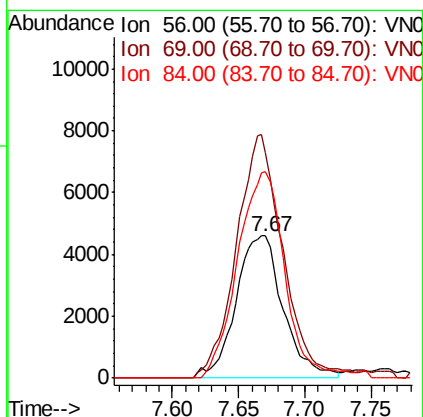
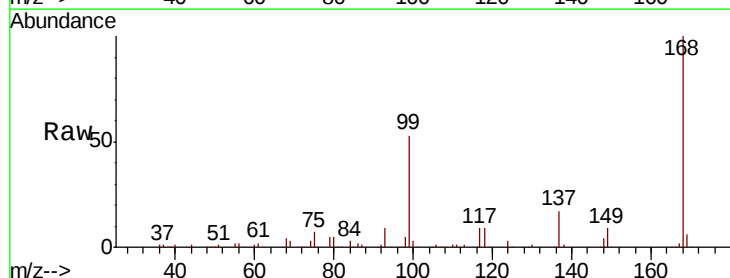
Instrument :
MSVOA_N
ClientSampled :
TPH-FOUND

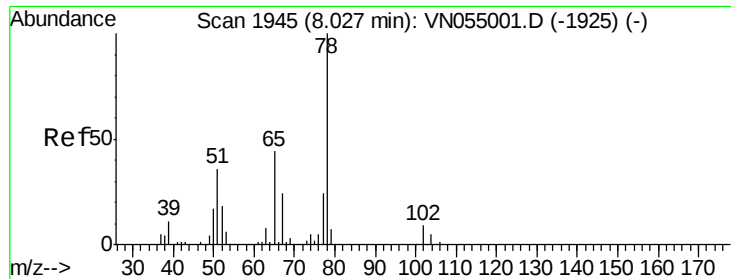
Tot Ion: 83 Resp: 3365
Ion Ratio Lower Upper
83 100
85 82.0 51.8 77.6#



#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1834
Delta R.T. 0.02 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion: 56 Resp: 11389
Ion Ratio Lower Upper
56 100
69 158.5 24.5 36.7#
84 148.5 62.9 94.3#

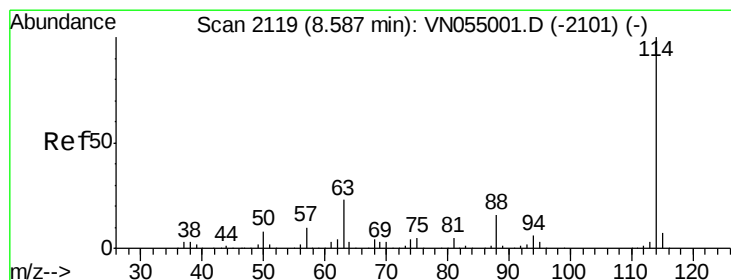
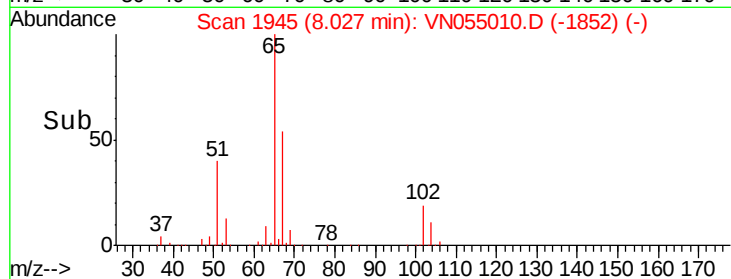
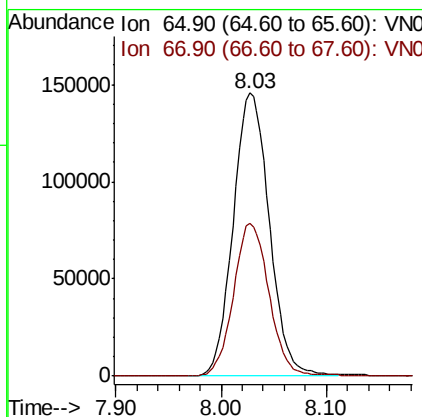
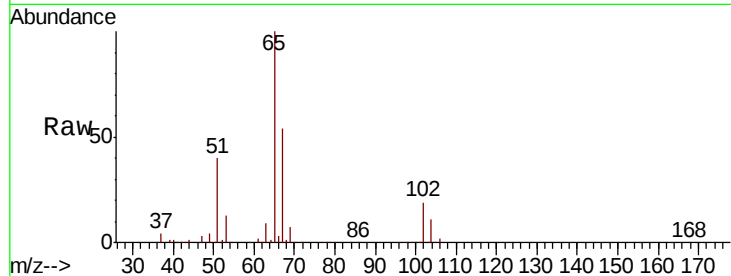




#33
 1,2-Dichloroethane-d4
 Concen: 51.215 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055010.D
 Acq: 12 Apr 2019 20:12

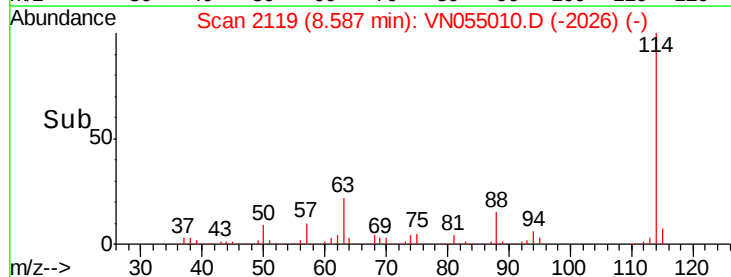
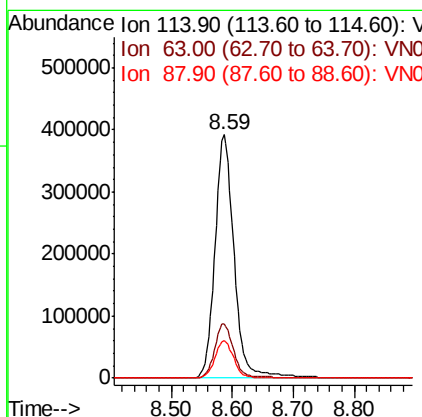
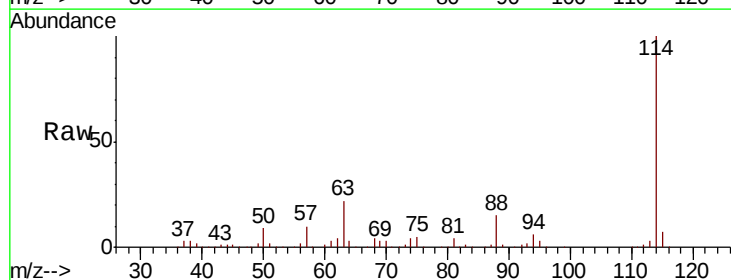
Instrument :
 MSVOA_N
 ClientSampleId :
 TPH-FOUND

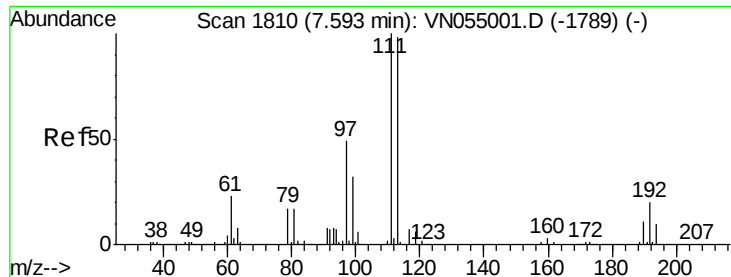
Tot Ion: 65 Resp: 346362
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055010.D
 Acq: 12 Apr 2019 20:12

Tgt Ion: 114 Resp: 858572
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.2
 88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.353 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

TPH-FOUND

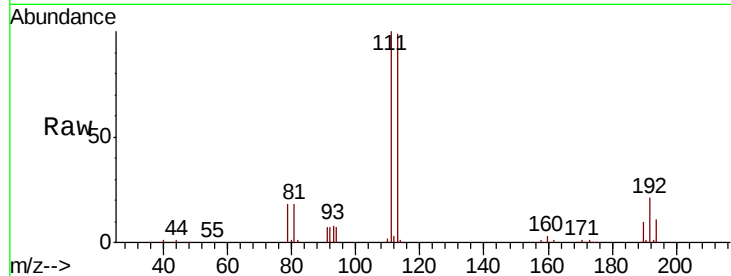
Tot Ion:113 Resp: 275589

Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

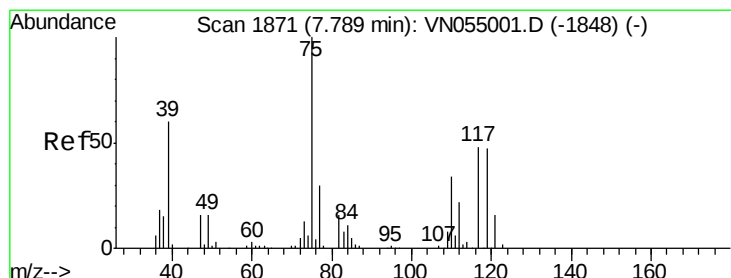
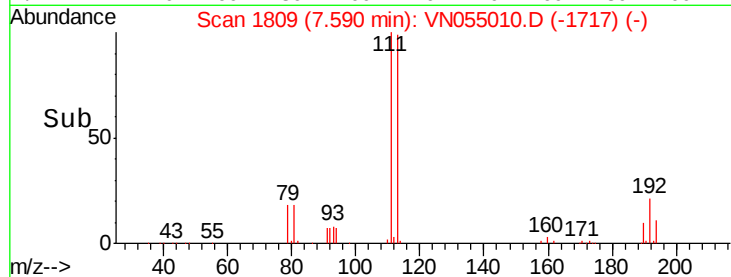
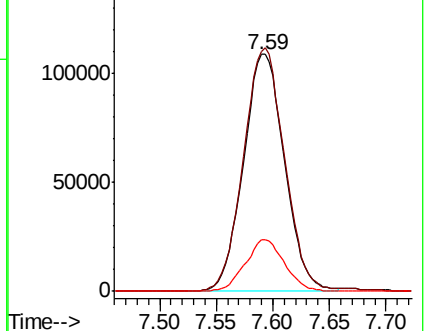
192 20.9 16.5 24.7



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: 5.097 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

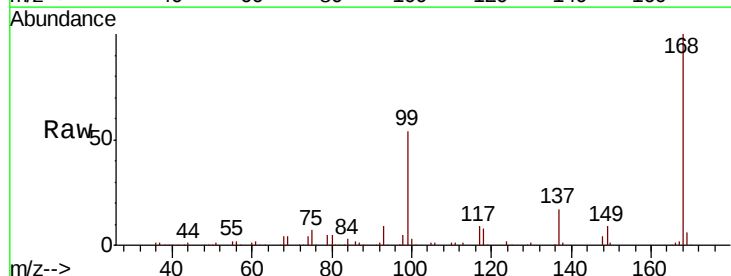
Tgt Ion: 75 Resp: 40442

Ion Ratio Lower Upper

75 100

110 7.6 17.5 52.5#

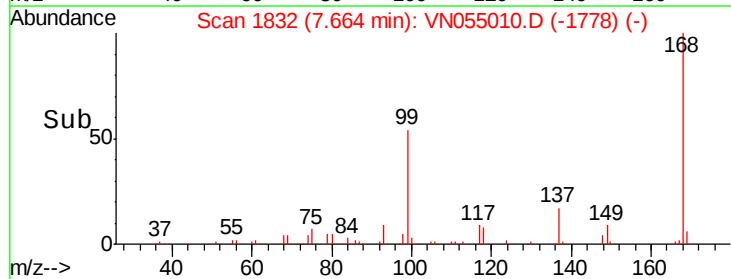
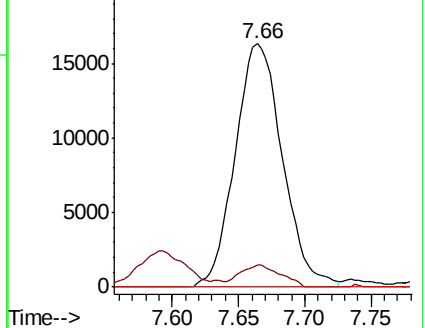
77 0.0 24.9 37.3#

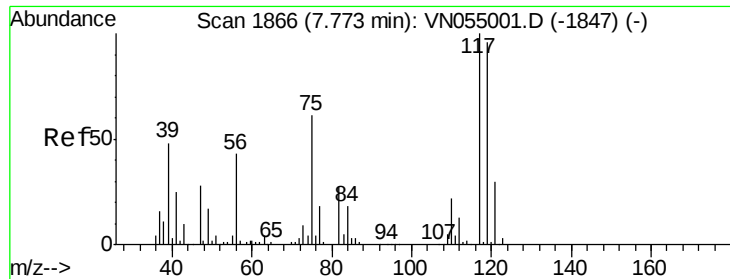


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.630 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

TPH-FOUND

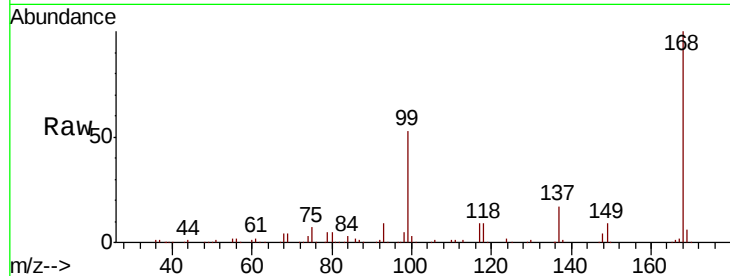
Tot Ion:117 Resp: 49523

Ion Ratio Lower Upper

117 100

119 4.2 76.3 114.5#

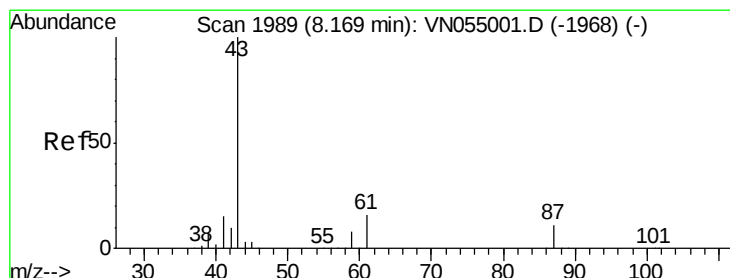
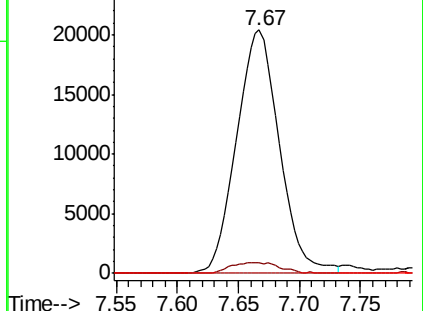
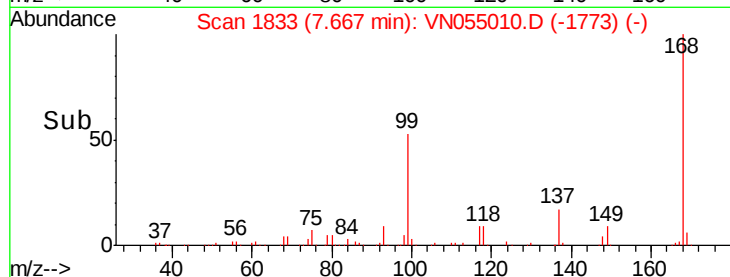
121 0.0 23.9 35.9#



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: 1.494 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

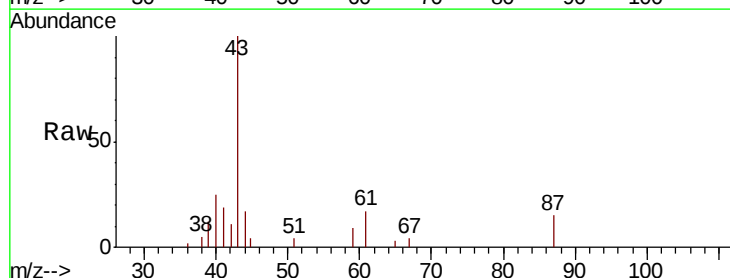
Tgt Ion: 43 Resp: 15220

Ion Ratio Lower Upper

43 100

61 17.0 14.3 21.5

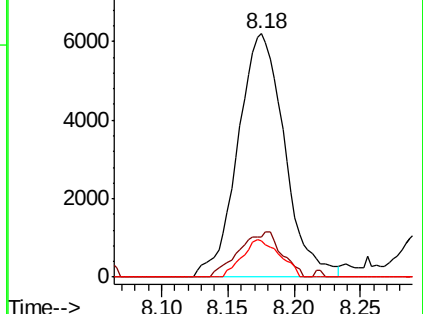
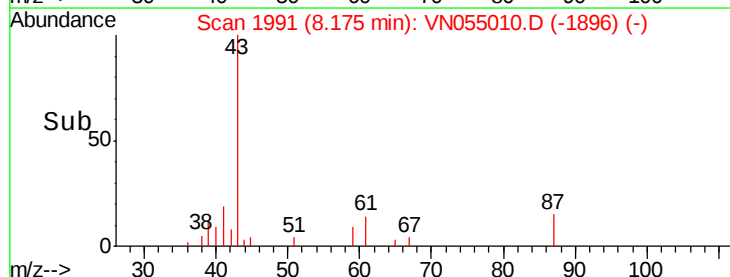
87 12.3 8.6 13.0

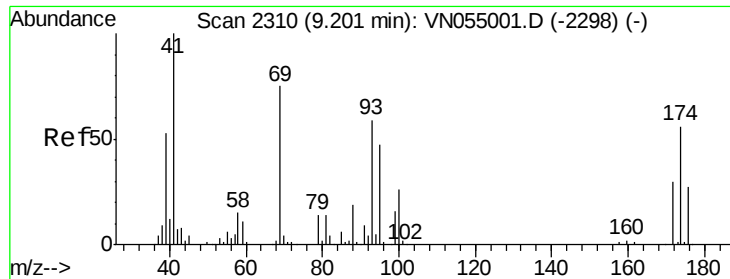


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#48

Methvl methacrylate

Concen: 1.378 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

TPH-FOUND

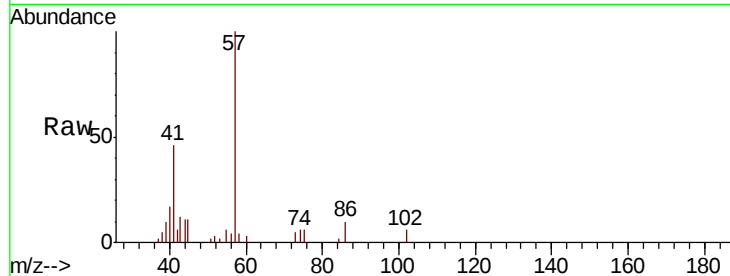
Tot Ion: 41 Resp: 7231

Ion Ratio Lower Upper

41 100

69 0.0 60.5 90.7#

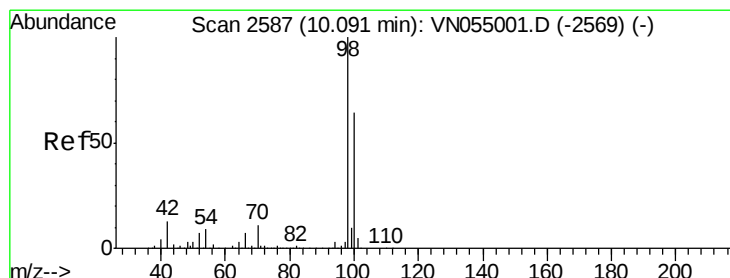
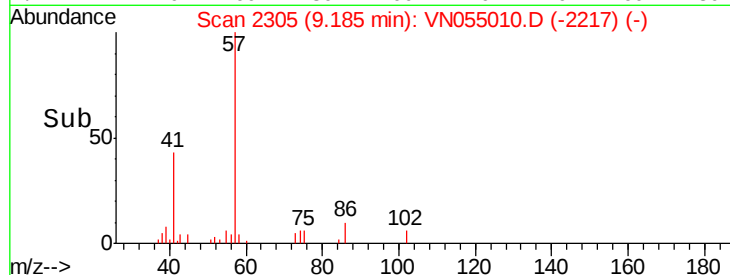
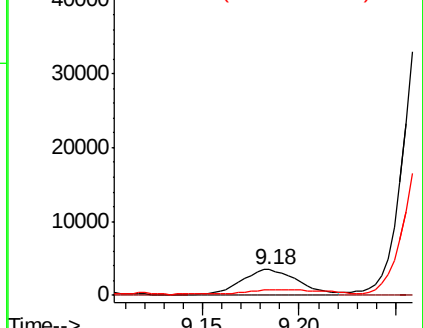
39 0.0 43.9 65.9#



Abundance Ion 41.00 (40.70 to 41.70): VN055001.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN055001.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN055001.D (-2298) (-)



#50

Toluene-d8

Concen: 50.402 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055010.D

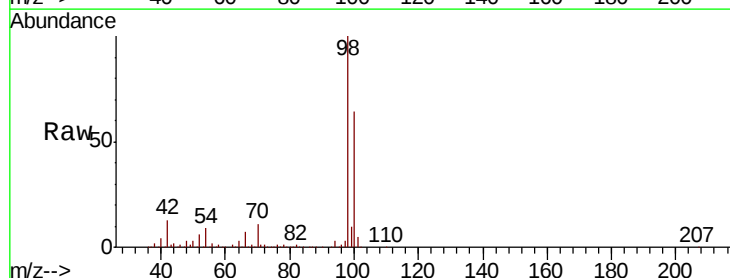
Acq: 12 Apr 2019 20:12

Tgt Ion: 98 Resp: 1013194

Ion Ratio Lower Upper

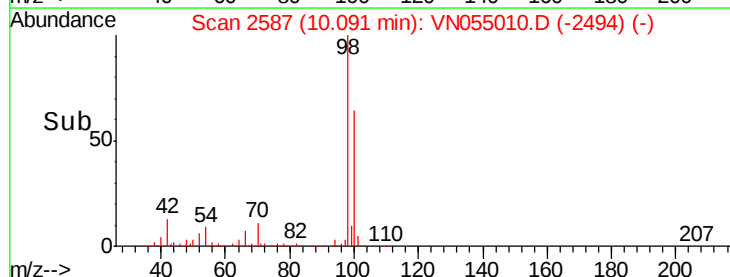
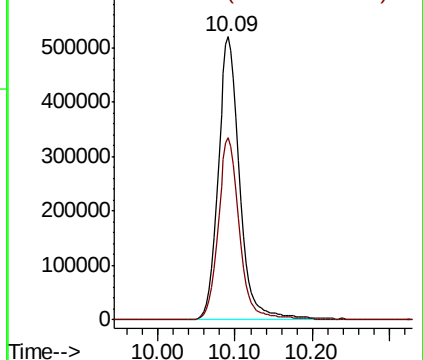
98 100

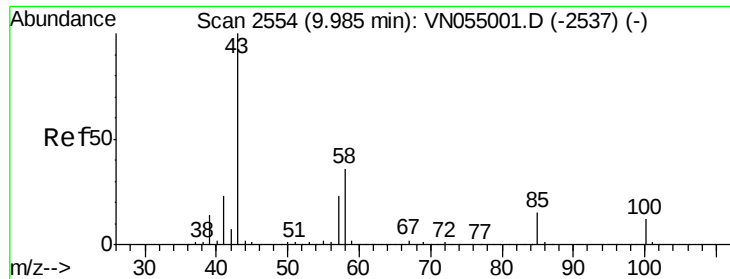
100 64.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055001.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN055001.D (-2569) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.777 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

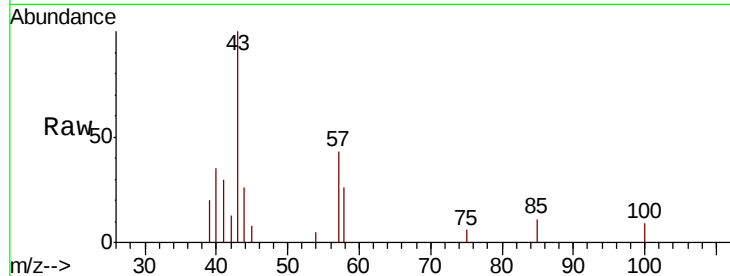
TPH-FOUND

Tot Ion: 43 Resp: 4633

Ion Ratio Lower Upper

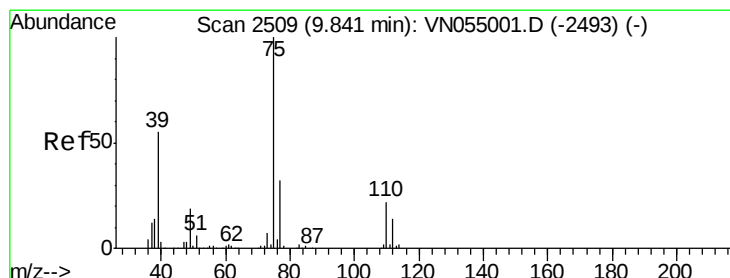
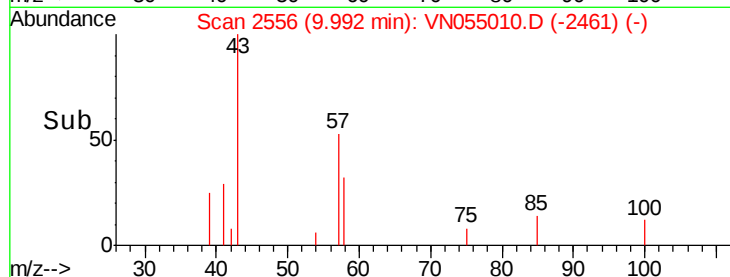
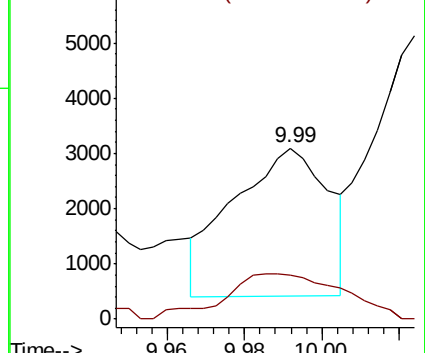
43 100

58 37.7 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.599 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

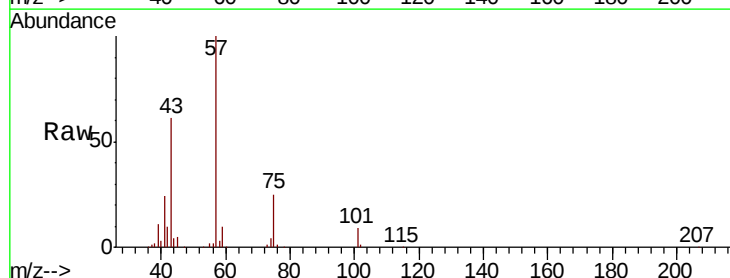
Tgt Ion: 75 Resp: 49267

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#

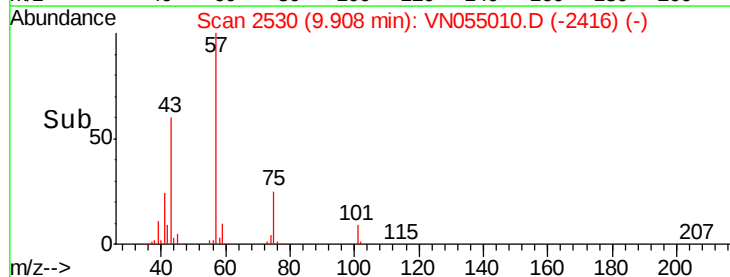
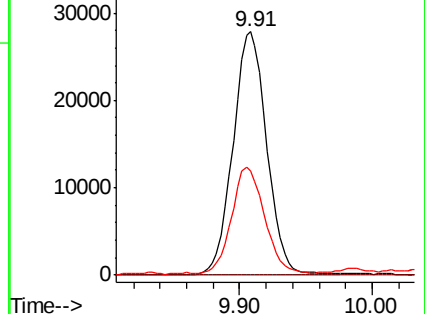
39 41.7 43.8 65.8#

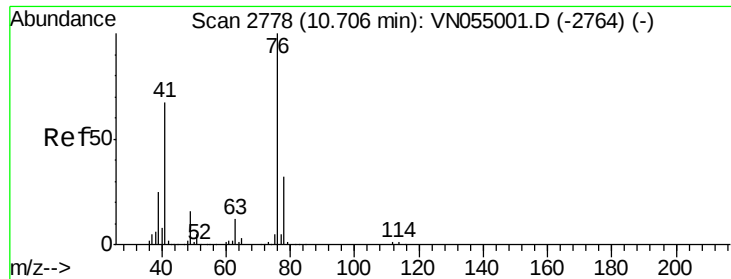


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

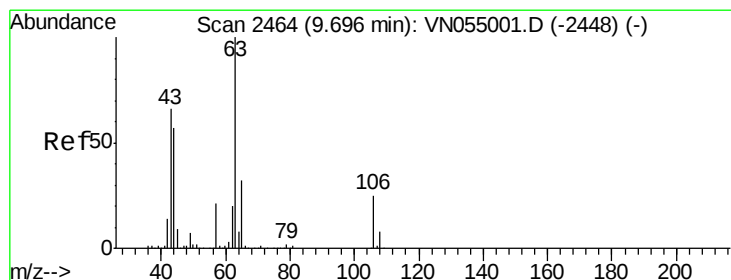
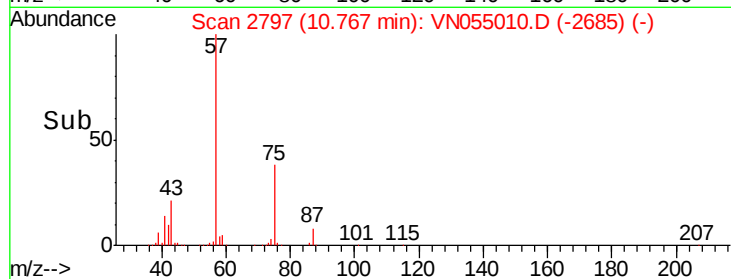
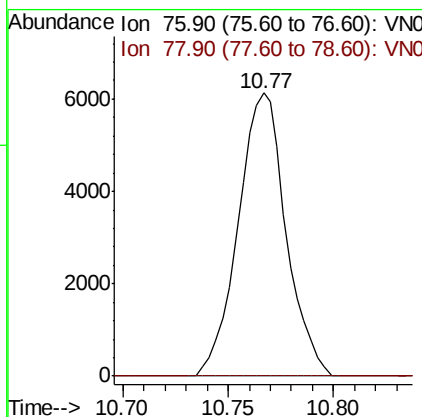
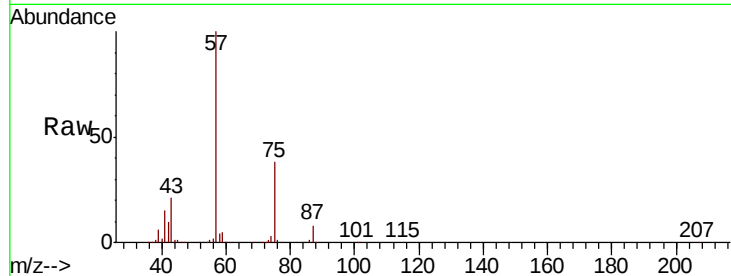




#57
 1,3-Dichloropropane
 Concen: 1.057 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN055010.D
 Acq: 12 Apr 2019 20:12

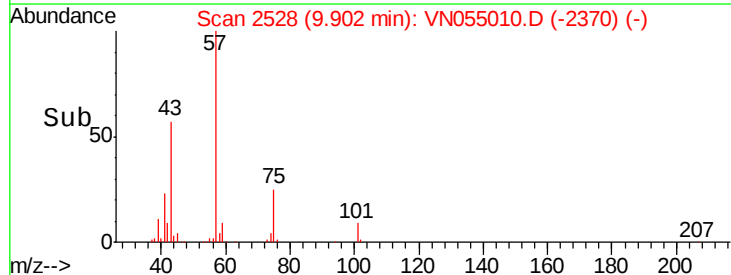
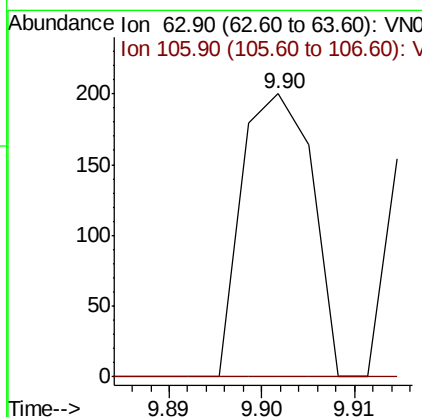
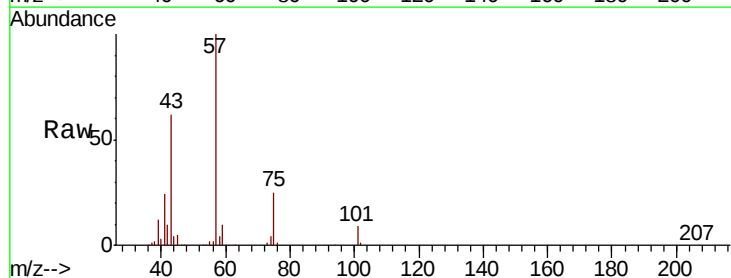
Instrument :
 MSVOA_N
 ClientSampleId :
 TPH-FOUND

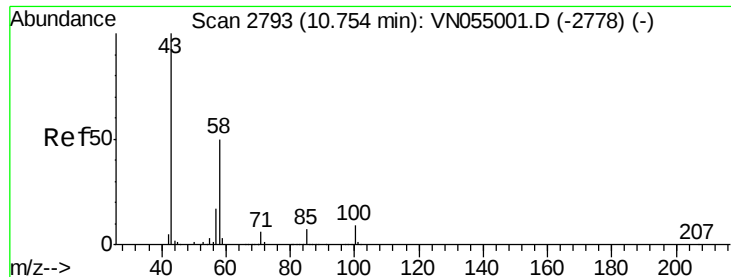
Tot Ion: 76 Resp: 9637
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 18.235 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.21 min
 Lab File: VN055010.D
 Acq: 12 Apr 2019 20:12

Tgt Ion: 63 Resp: 105
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.0 30.0#





#59

2-Hexanone

Concen: 41.323 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA_N

ClientSampled :

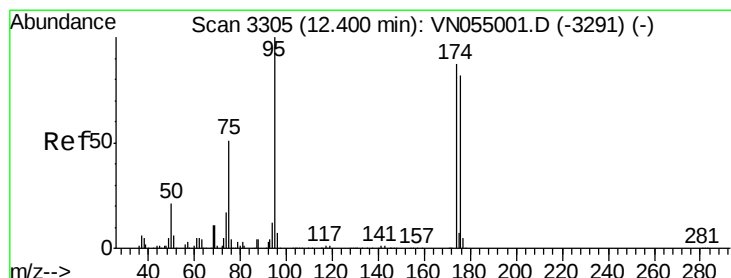
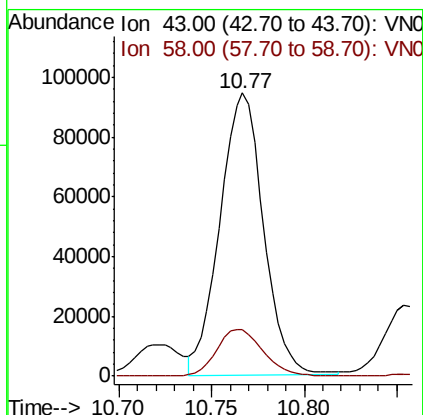
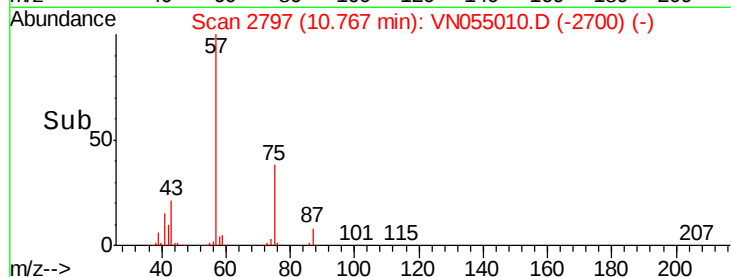
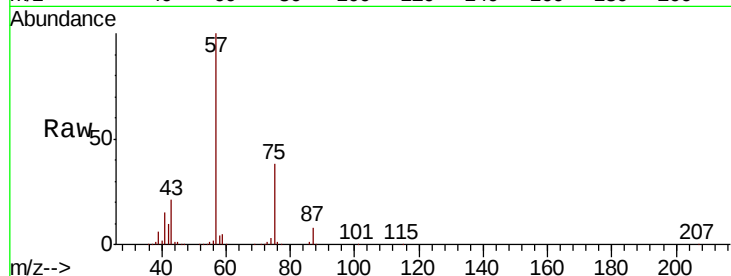
TPH-FOUND

Tot Ion: 43 Resp: 154007

Ion Ratio Lower Upper

43 100

58 17.8 25.1 75.2#



#62

4-Bromofluorobenzene

Concen: 43.380 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

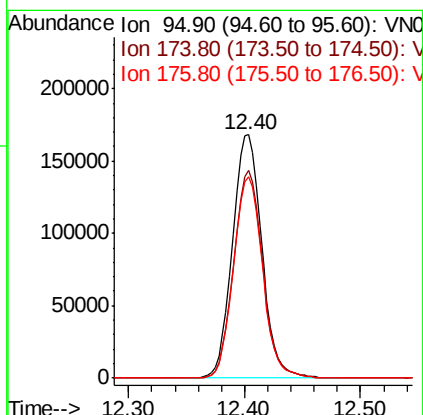
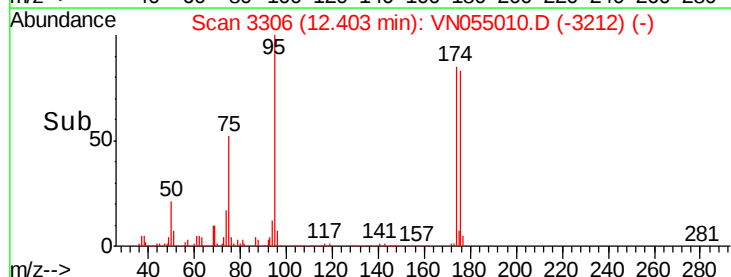
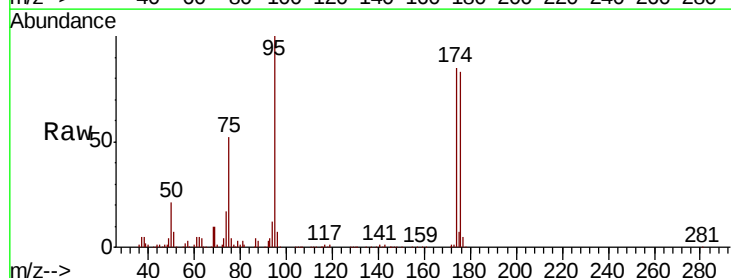
Tgt Ion: 95 Resp: 293741

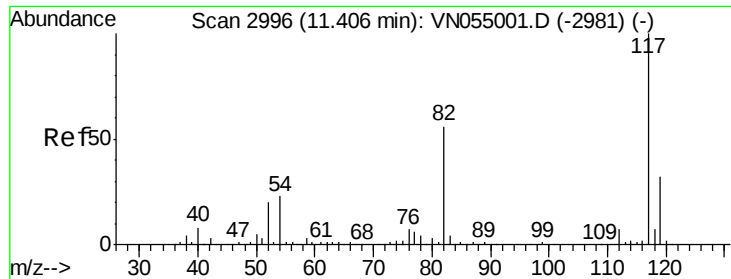
Ion Ratio Lower Upper

95 100

174 84.2 0.0 174.4

176 81.9 0.0 166.8

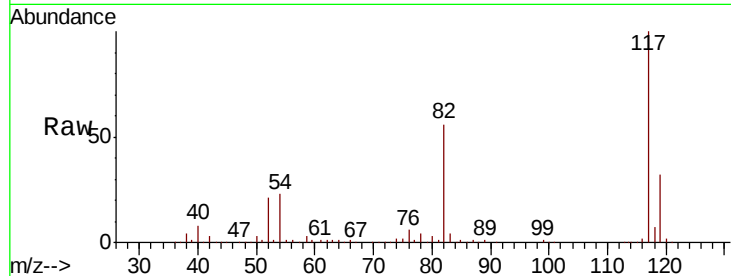




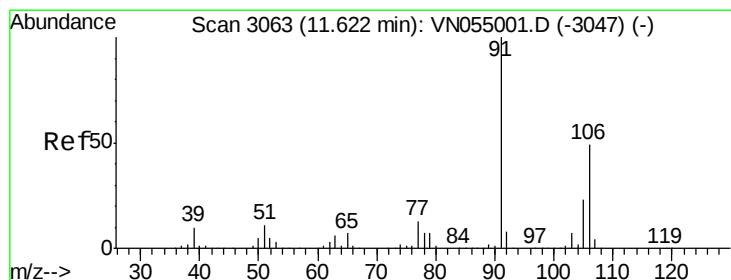
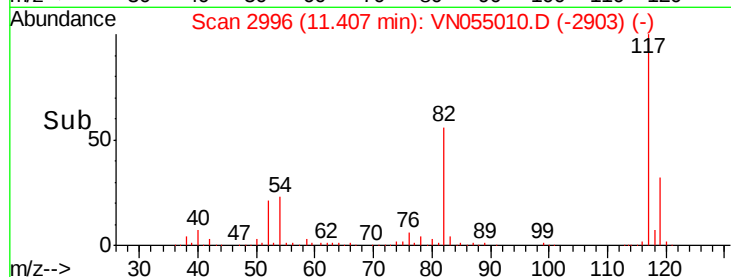
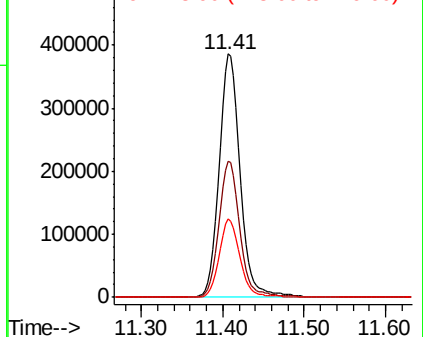
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Instrument :
MSVOA_N
ClientSampled :
TPH-FOUND

Tot Ion:117 Resp: 706484
Ion Ratio Lower Upper
117 100
82 56.1 44.6 66.8
119 32.1 25.5 38.3

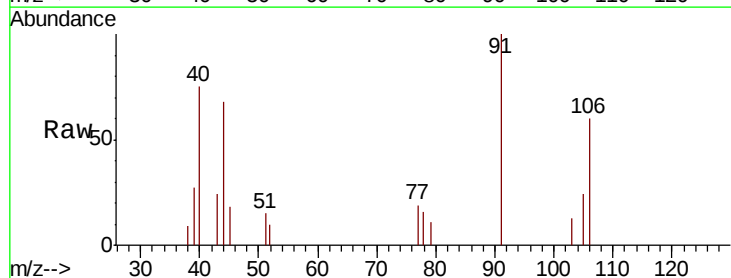


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

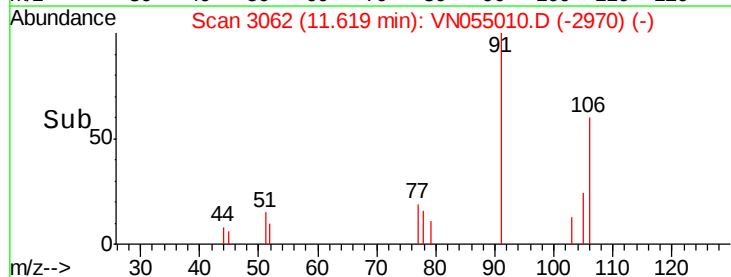
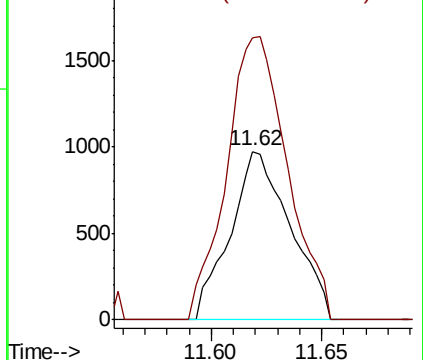


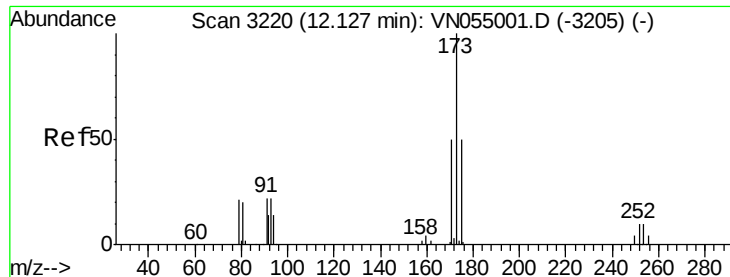
#68
m/p-Xylenes
Concen: 0.202 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055010.D
Acq: 12 Apr 2019 20:12

Tgt Ion:106 Resp: 1848
Ion Ratio Lower Upper
106 100
91 171.0 165.9 248.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 3.449 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

TPH-FOUND

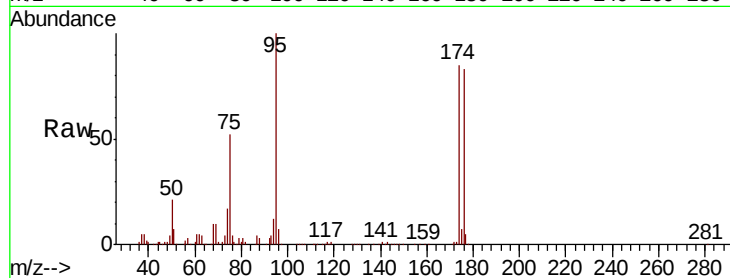
Tot Ion:173 Resp: 3135

Ion Ratio Lower Upper

173 100

175 509.5 24.3 73.0#

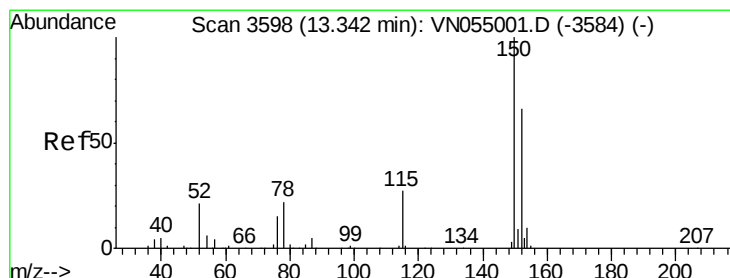
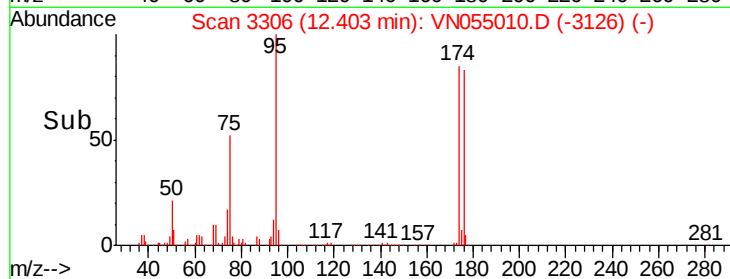
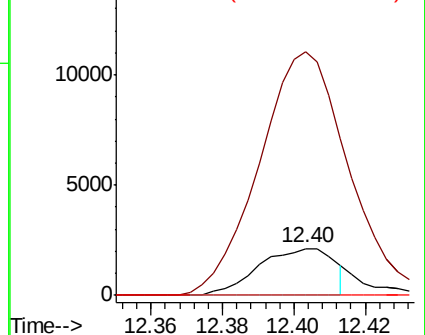
254 0.0 0.1 0.1#



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: VN055010.D

Acq: 12 Apr 2019 20:12

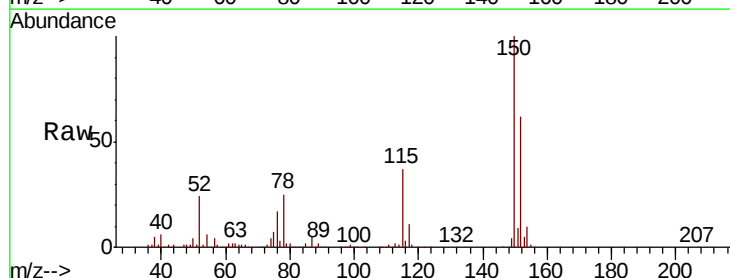
Tgt Ion:152 Resp: 224165

Ion Ratio Lower Upper

152 100

115 57.9 28.5 85.6

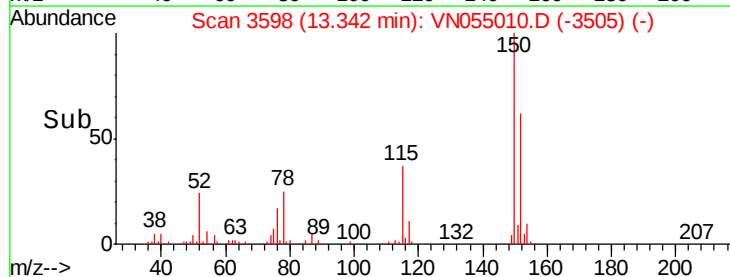
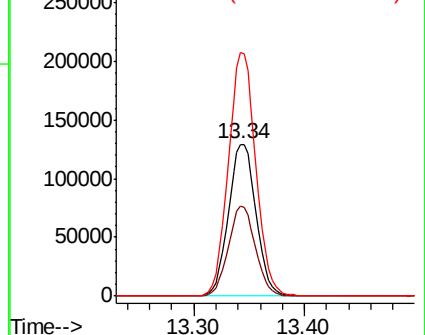
150 159.2 0.0 347.2

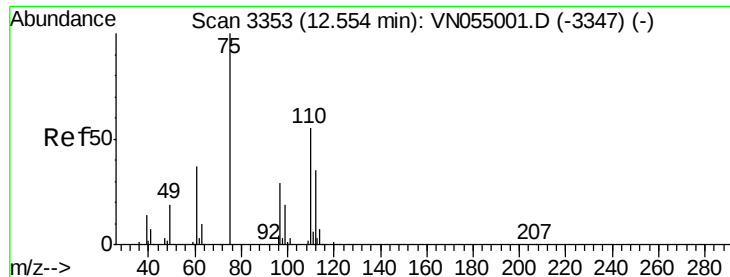


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 36.643 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

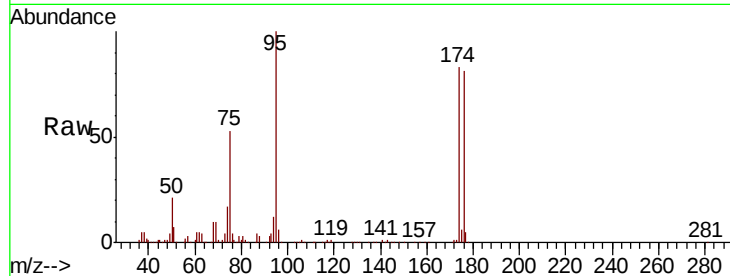
TPH-FOUND

Tot Ion: 75 Resp: 151118

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

12.40

80000

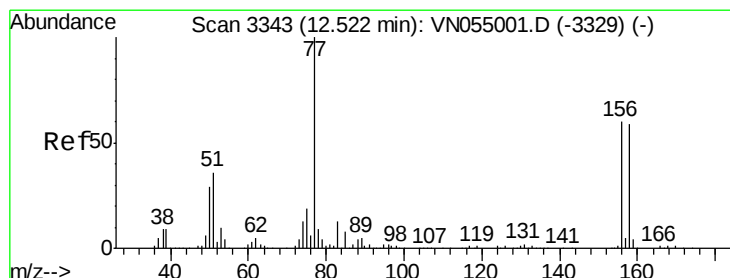
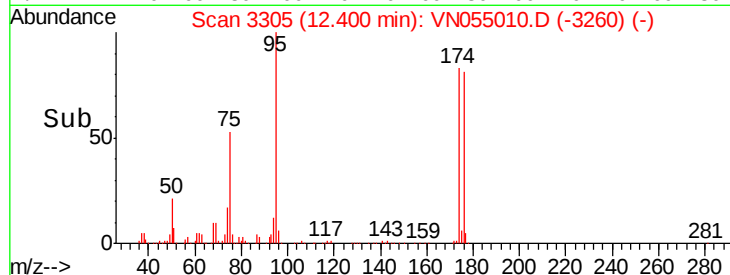
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#77

Bromobenzene

Concen: Below Cal

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

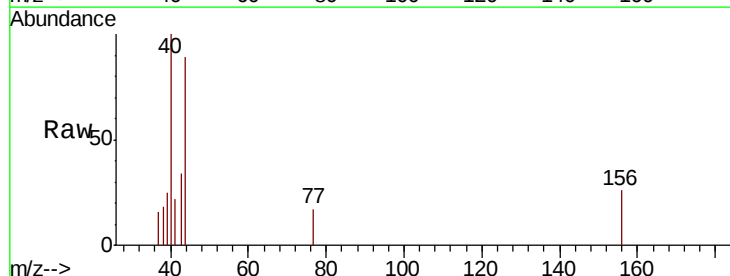
Tgt Ion: 156 Resp: 359

Ion Ratio Lower Upper

156 100

77 0.0 97.2 291.5#

158 0.0 48.6 145.9#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

600

500

400

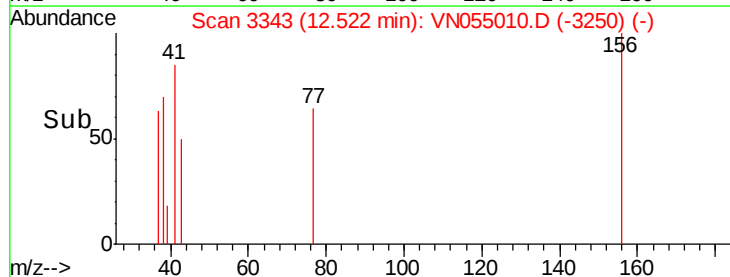
300

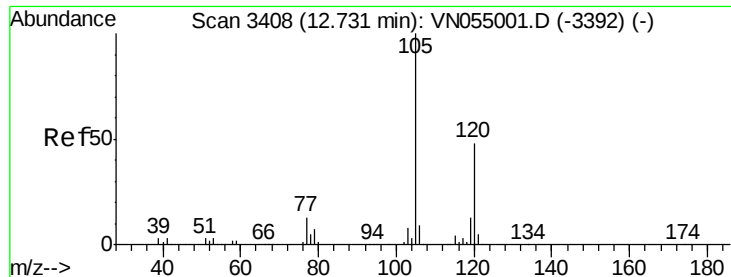
200

100

0

Time--> 12.50 12.52 12.54





#80

1,3,5-Trimethylbenzene

Concen: 0.533 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA_N

ClientSampleId :

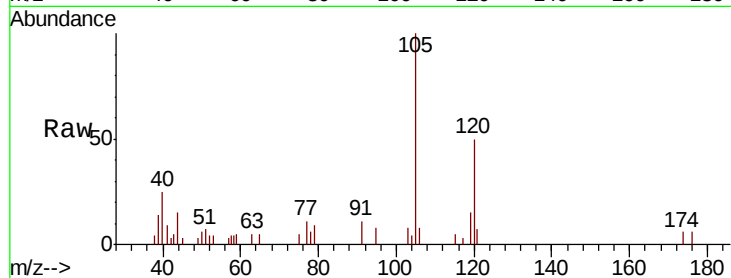
TPH-FOUND

Tot Ion:105 Resp: 8268

Ion Ratio Lower Upper

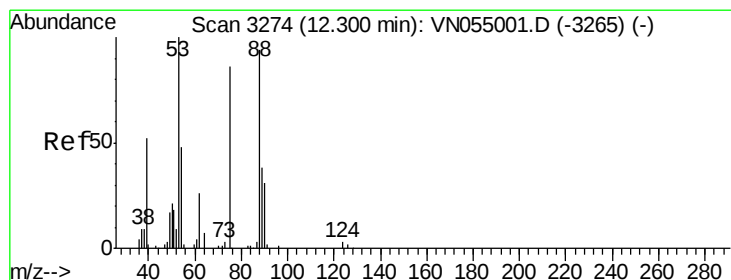
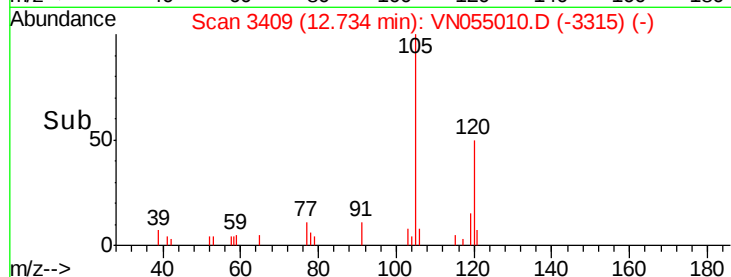
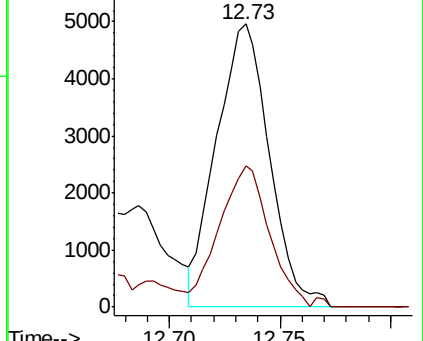
105 100

120 47.0 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: 151.243 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

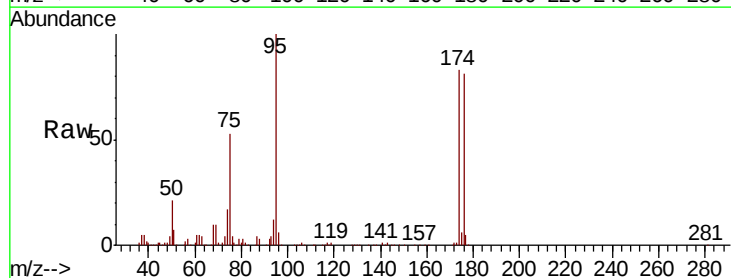
Tgt Ion: 75 Resp: 151118

Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

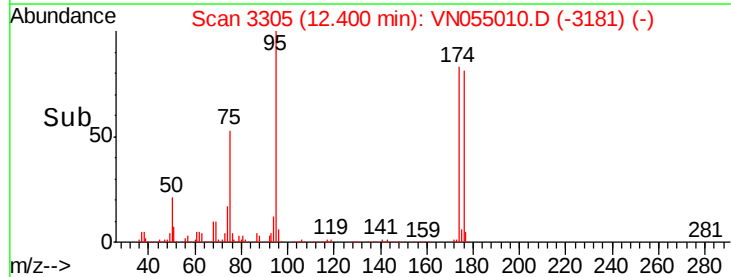
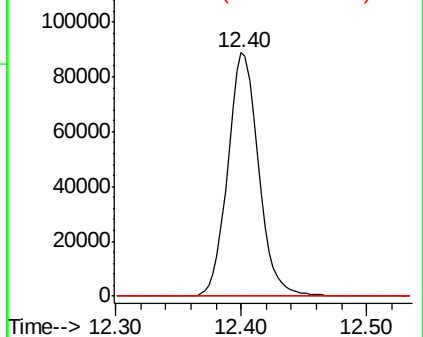
89 0.0 38.6 57.8#

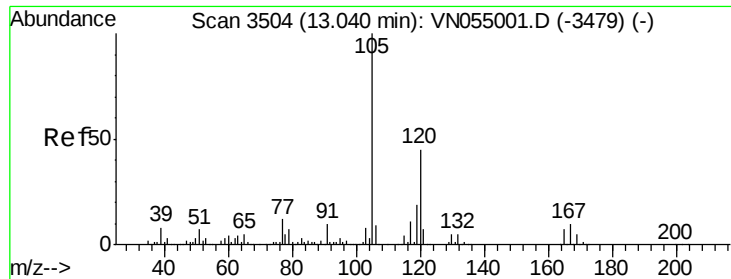


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 53.00 (52.70 to 53.70): V

Ion 88.90 (88.60 to 89.60): V

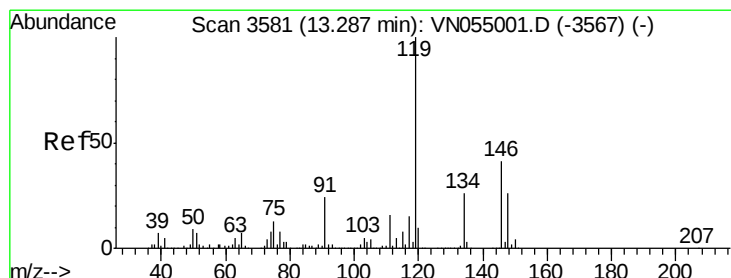
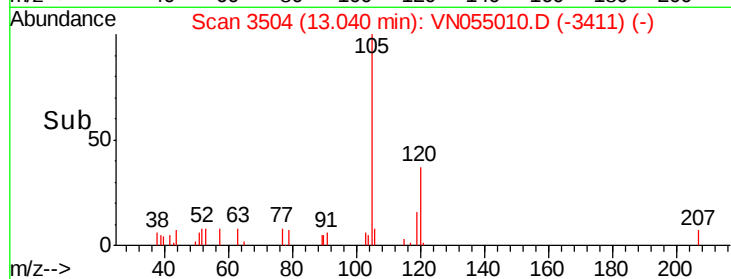
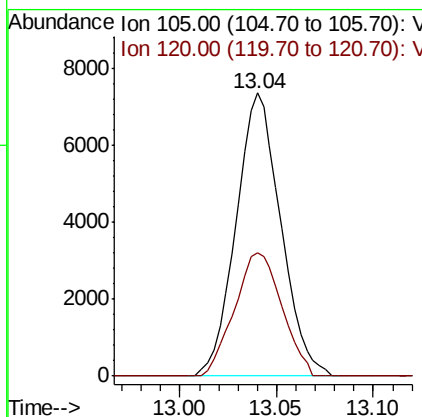
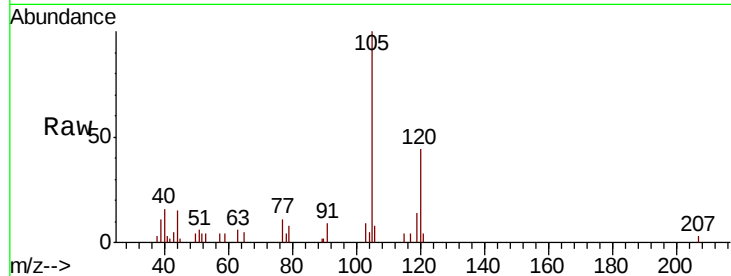




#84
 1,2,4-Trimethylbenzene
 Concen: 0.795 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055010.D
 Acq: 12 Apr 2019 20:12

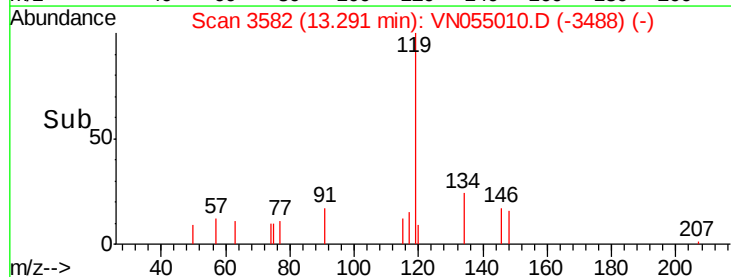
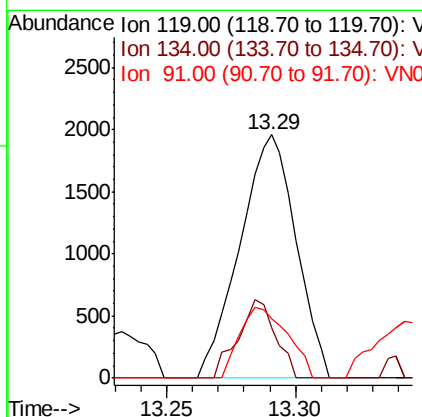
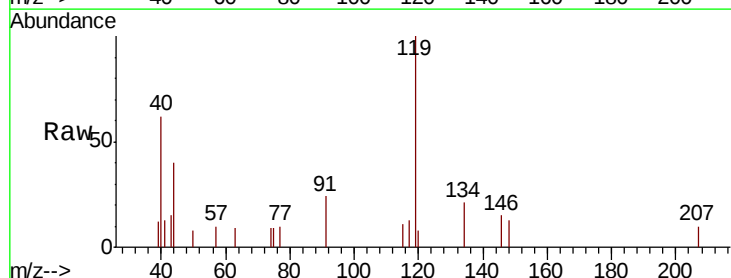
Instrument :
 MSVOA_N
 ClientSampleId :
 TPH-FOUND

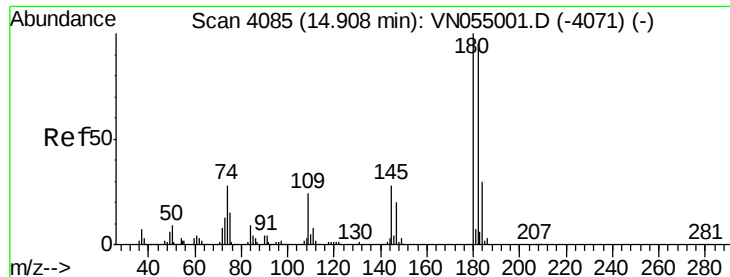
Tot Ion:105 Resp: 11823
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.4 67.3



#86
 p-Isopropyltoluene
 Concen: 0.202 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN055010.D
 Acq: 12 Apr 2019 20:12

Tgt Ion:119 Resp: 2977
 Ion Ratio Lower Upper
 119 100
 134 21.4 13.2 39.5
 91 24.7 11.7 35.1

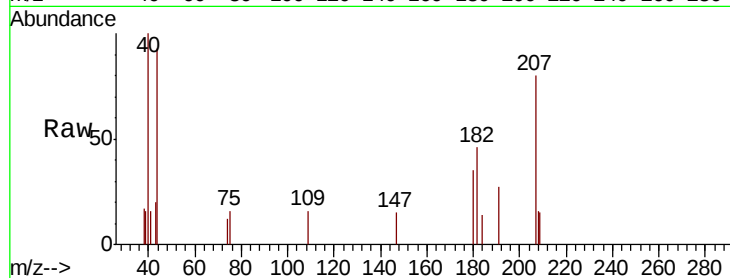




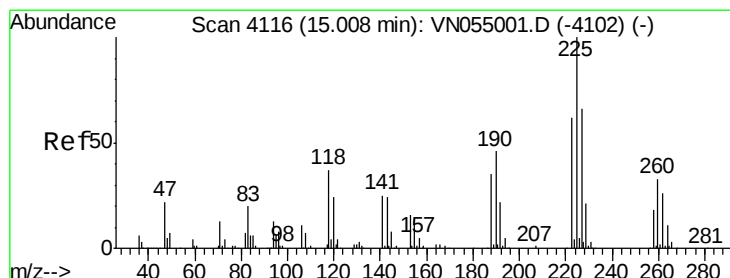
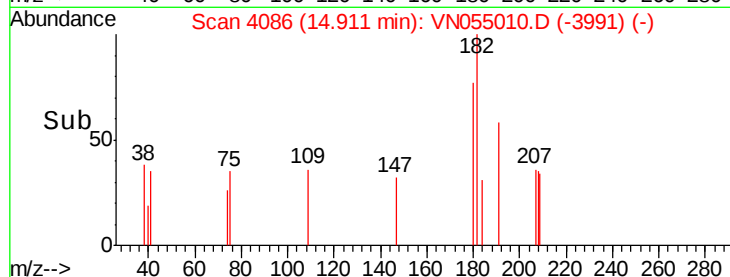
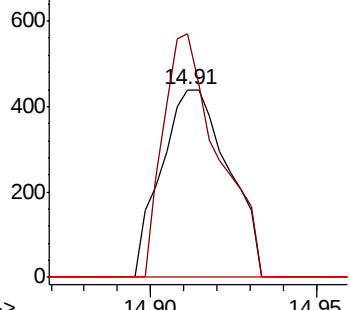
#93
 1,2,4-Trichlorobenzene
 Concen: 3.688 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN055010.D
 Acq: 12 Apr 2019 20:12

Instrument :
 MSVOA_N
 ClientSampled :
 TPH-FOUND

Tot Ion:180 Resp: 621
 Ion Ratio Lower Upper
 180 100
 182 106.4 47.5 142.6
 145 0.0 14.2 42.8#

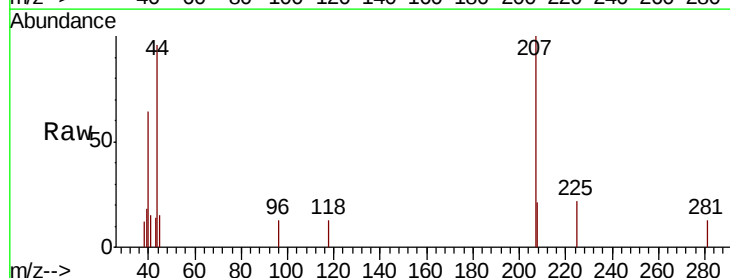


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

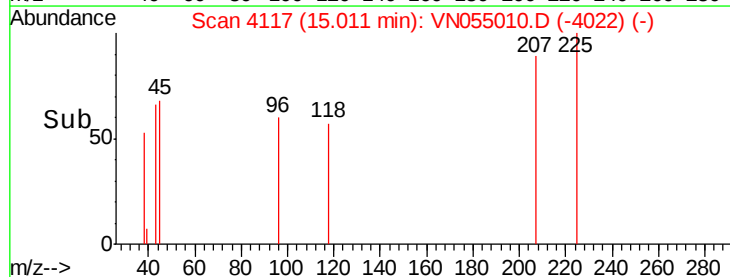
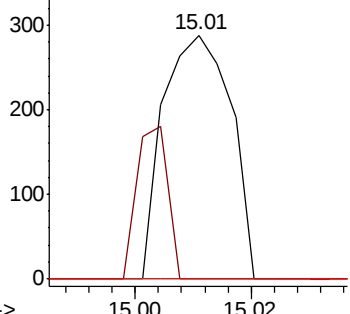


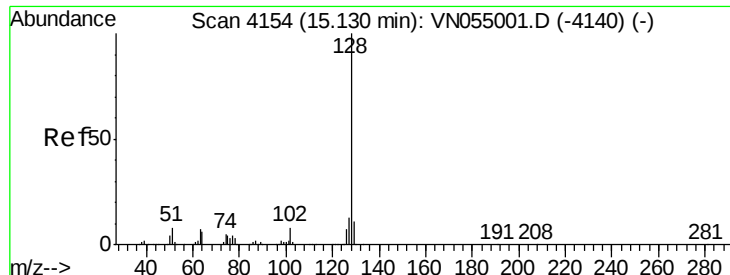
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055010.D
 Acq: 12 Apr 2019 20:12

Tgt Ion:225 Resp: 232
 Ion Ratio Lower Upper
 225 100
 223 28.9 31.4 94.0#
 227 0.0 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: 5.630 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

Instrument :

MSVOA_N

ClientSampled :

TPH-FOUND

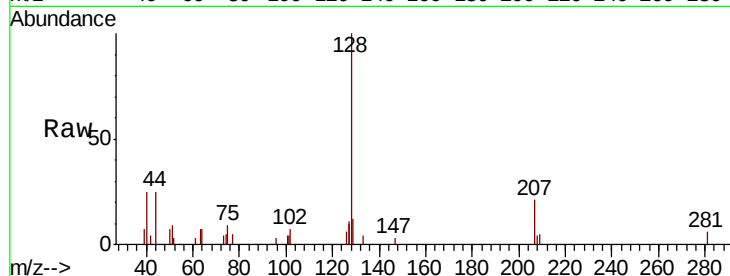
Tot Ion:128 Resp: 9020

Ion Ratio Lower Upper

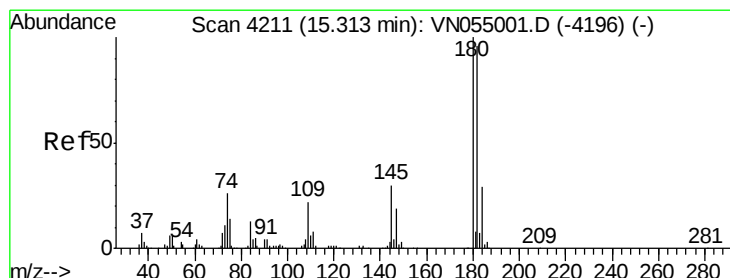
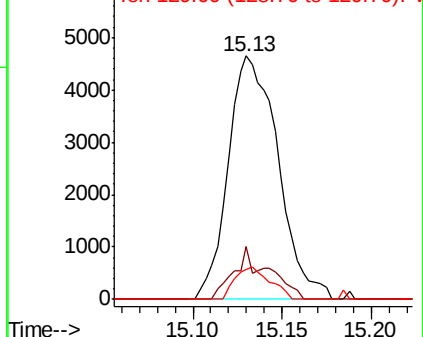
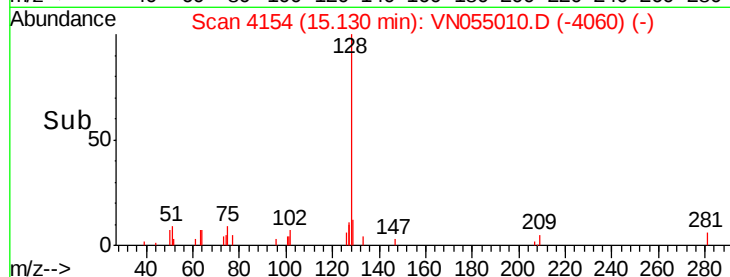
128 100

127 8.7 10.1 15.1#

129 9.3 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: 0.256 ug/l

RT: 15.32 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN055010.D

Acq: 12 Apr 2019 20:12

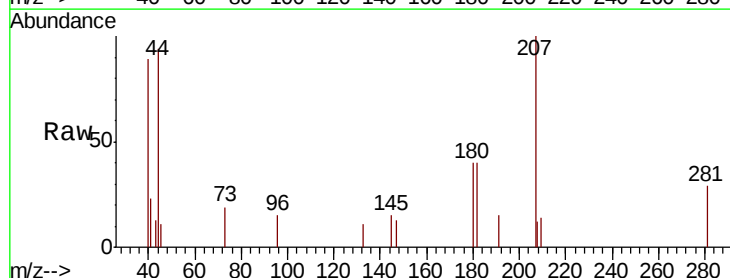
Tgt Ion:180 Resp: 854

Ion Ratio Lower Upper

180 100

182 68.7 48.0 144.0

145 16.2 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

