

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041519\
 Data File : VN055062.D
 Acq On : 15 Apr 2019 23:58
 Operator : JC/SP
 Sample : K2407-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-S

Quant Time: Apr 16 05:55:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	521942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	827361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	709130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	239424	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	325396	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
35) Dibromofluoromethane	7.59	113	263534	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
50) Toluene-d8	10.09	98	996772	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.40	95	298230	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	103	0.219	ug/l #	1
14) Allyl chloride	4.55	41	20112	1.983	ug/l #	28
16) Acetone	3.82	43	11903	6.321	ug/l	92
18) Methyl Acetate	4.33	43	4187	0.337	ug/l	95
20) Methylene Chloride	4.55	84	447521	67.605	ug/l	99
25) 2-Butanone	6.86	43	2606	0.927	ug/l #	74
30) Chloroform	7.37	83	2679	0.248	ug/l	93
31) Cyclohexane	7.66	56	11510	Below Cal	#	12
36) 1,1-Dichloropropene	7.66	75	38209	4.899	ug/l #	50
38) Carbon Tetrachloride	7.66	117	47161	6.356	ug/l #	16
43) Isopropyl Acetate	8.17	43	14005	1.431	ug/l #	92
45) 1,2-Dichloropropane	9.27	63	1322	0.202	ug/l #	44
48) Methyl methacrylate	9.18	41	5957	1.228	ug/l #	34
49) 1,4-Dioxane	9.27	88	110	2.421	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4282	0.758	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	43549	5.219	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	9193	1.041	ug/l #	43
59) 2-Hexanone	10.76	43	143481	40.414	ug/l #	53
67) Ethyl Benzene	11.51	91	17492	0.686	ug/l	97
68) m/p-Xylenes	11.62	106	14165	1.535	ug/l	95
69) o-Xylene	11.95	106	2551	0.285	ug/l	66
71) Bromoform	12.40	173	2706	0.899	ug/l #	1
74) N-ethyl acetate	11.88	43	14998	2.508	ug/l #	54
76) 1,2,3-Trichloropropane	12.40	75	153566	35.668	ug/l #	100
78) n-propylbenzene	12.59	91	16927	0.737	ug/l	97
79) 2-Chlorotoluene	12.65	91	3102	0.217	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	25161	1.468	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	153566	142.631	ug/l #	2
83) tert-Butylbenzene	13.04	119	8777	0.606	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.04	105	67357	4.145	ug/l	100
85) sec-Butylbenzene	13.04	105	67357	3.651	ug/l #	57
90) Hexachloroethane	13.88	117	1088	0.422	ug/l #	6
95) Naphthalene	15.13	128	4578	3.580	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration

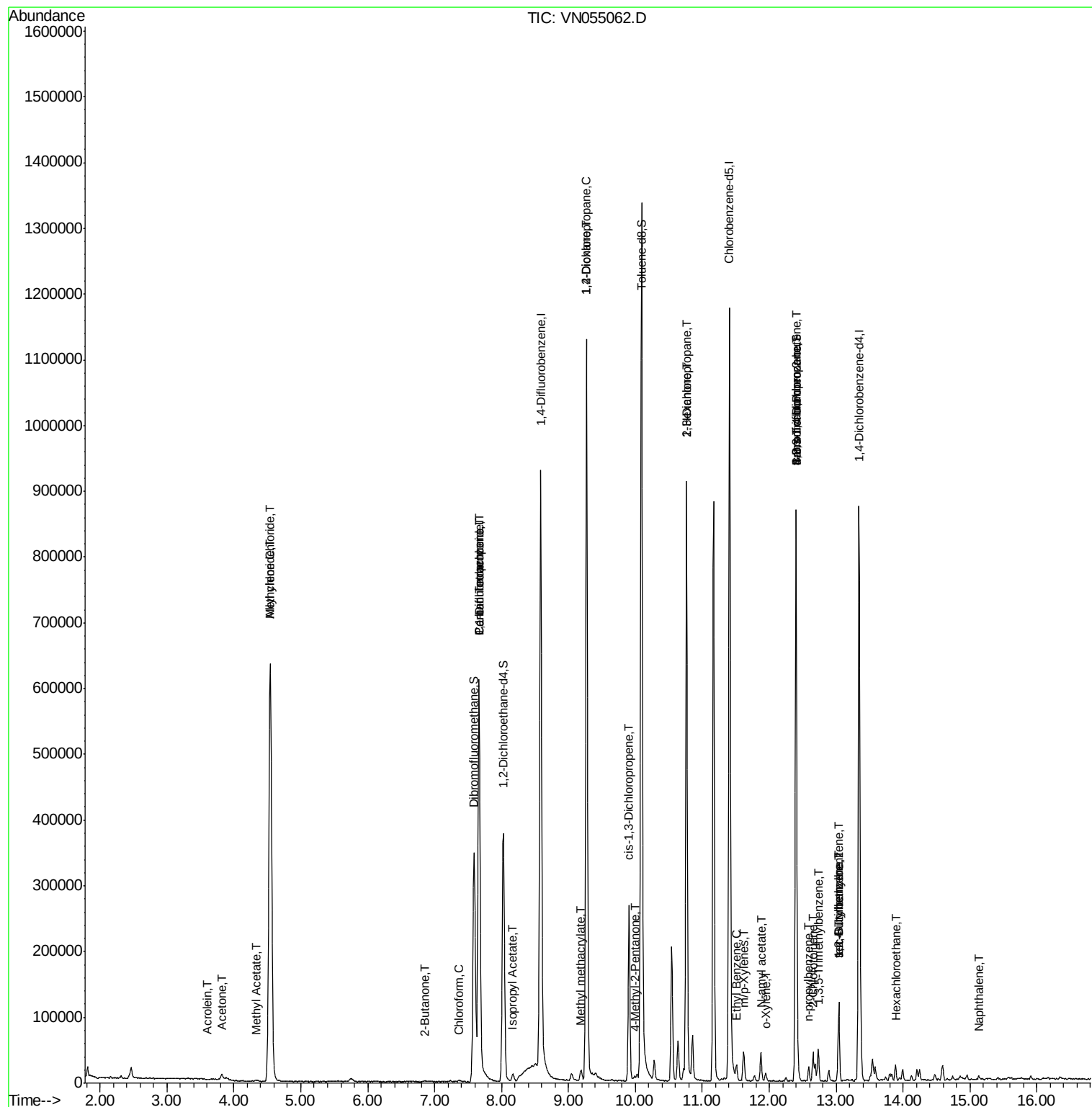
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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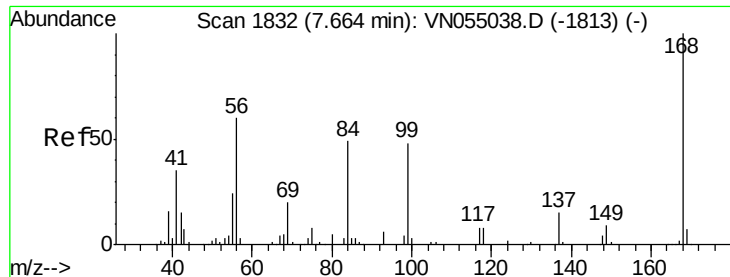
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041519\
Data File : VN055062.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055062.D

Acq: 15 Apr 2019 23:58

Instrument :

MSVOA_N

ClientSampleId :

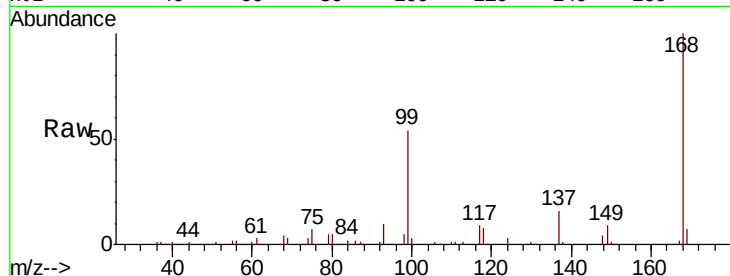
TP-11-S

Tot Ion:168 Resp: 521942

Ion Ratio Lower Upper

168 100

99 54.3 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

250000

200000

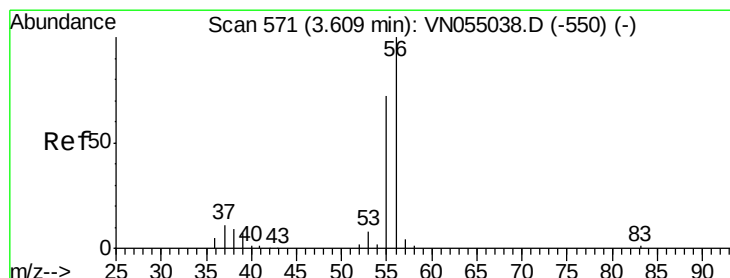
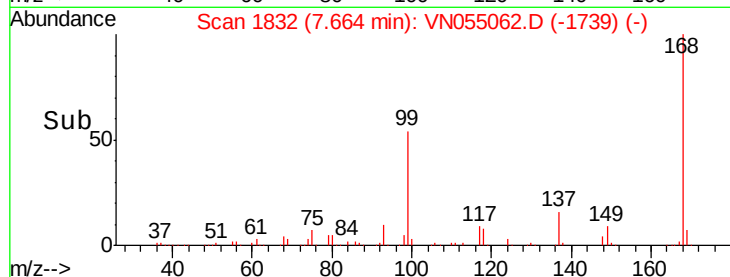
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#13

Acrolein

Concen: 0.219 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055062.D

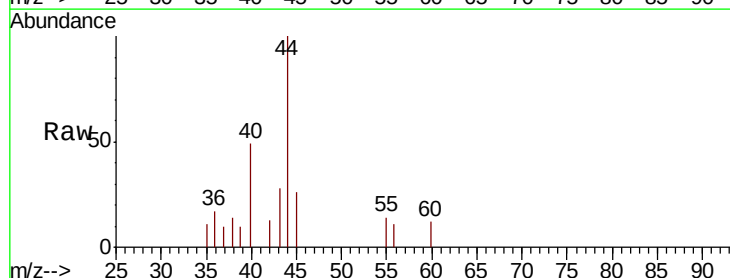
Acq: 15 Apr 2019 23:58

Tgt Ion: 56 Resp: 103

Ion Ratio Lower Upper

56 100

55 202.9 59.5 89.3#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

250

200

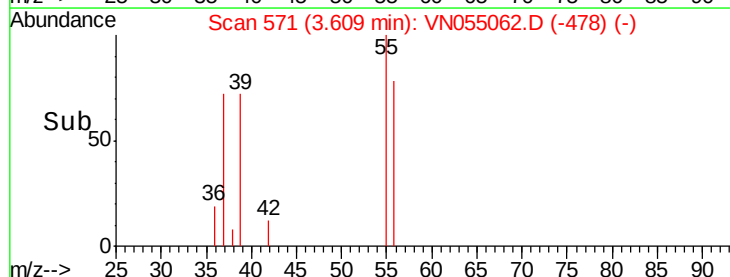
150

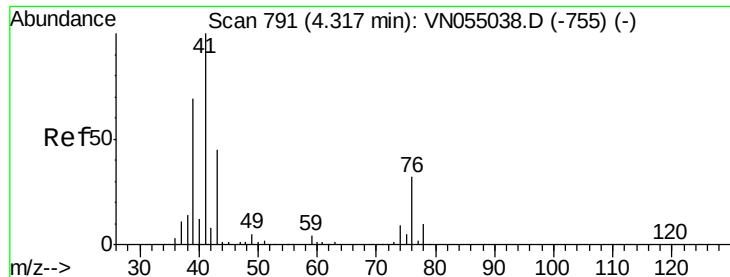
100

50

0

Time--> 3.60 3.61 3.62

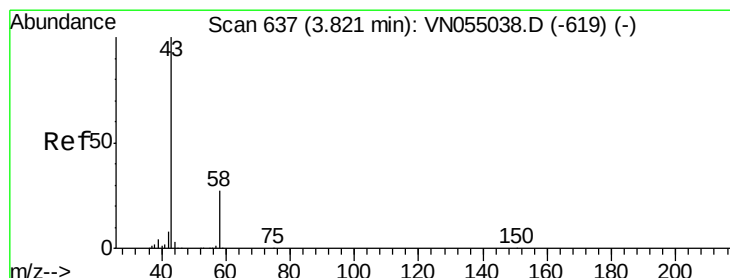
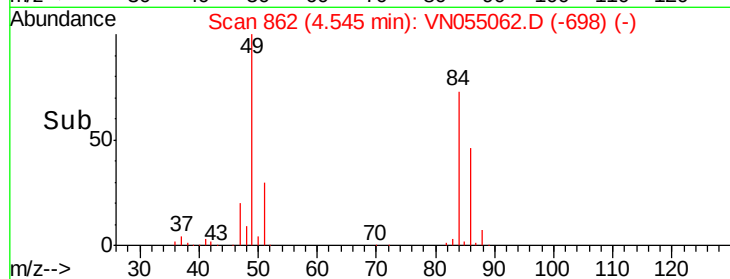
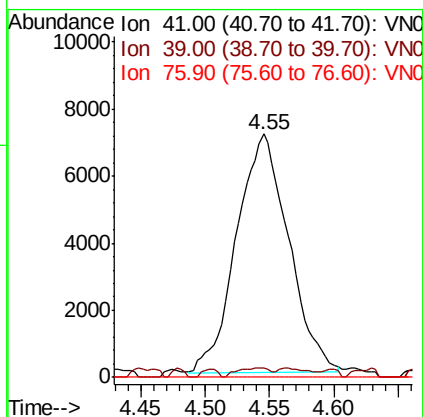
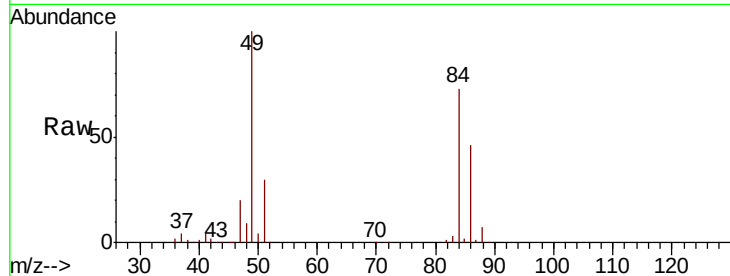




#14
Allvl chloride
Concen: 1.983 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.23 min
Lab File: VN055062.D
Acq: 15 Apr 2019 23:58

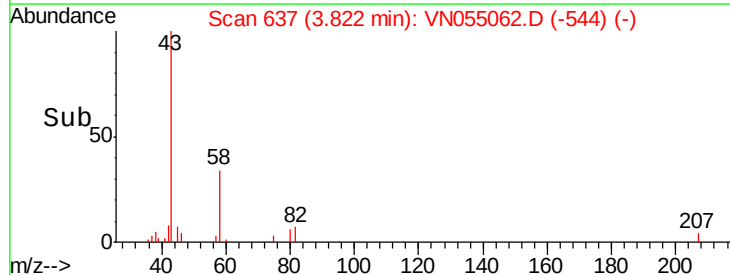
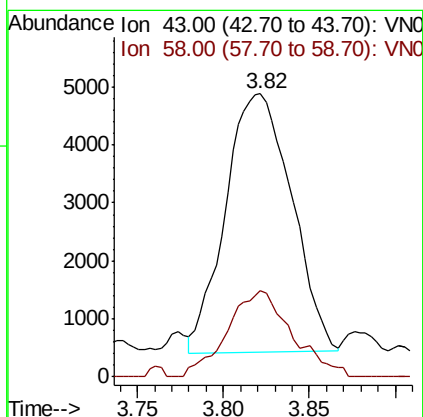
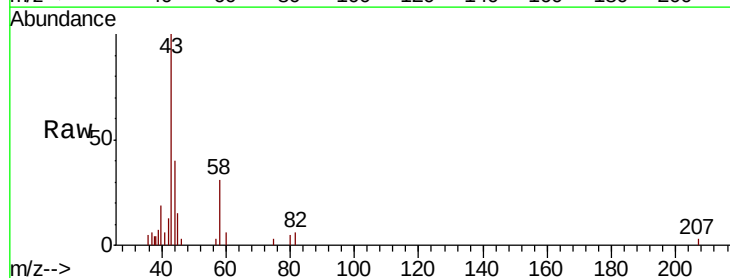
Instrument :
MSVOA_N
ClientSampled :
TP-11-S

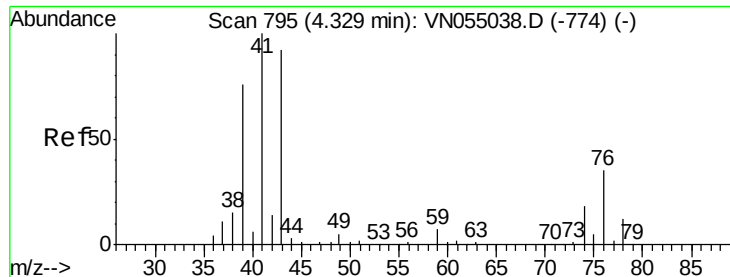
Tot Ion: 41 Resp: 20112
Ion Ratio Lower Upper
41 100
39 2.6 52.7 79.1#
76 0.0 23.2 34.8#



#16
Acetone
Concen: 6.321 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN055062.D
Acq: 15 Apr 2019 23:58

Tgt Ion: 43 Resp: 11903
Ion Ratio Lower Upper
43 100
58 30.4 20.9 31.3

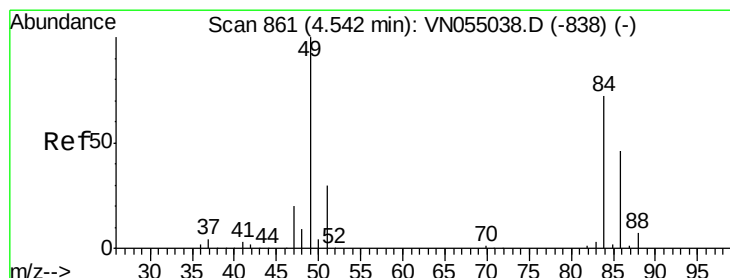
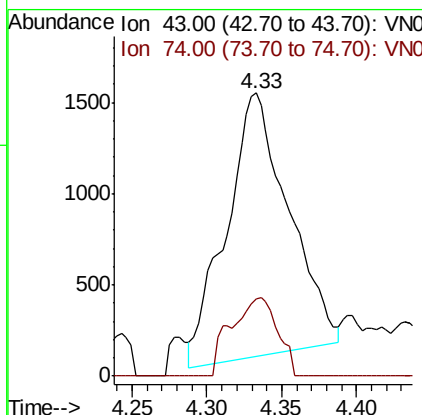
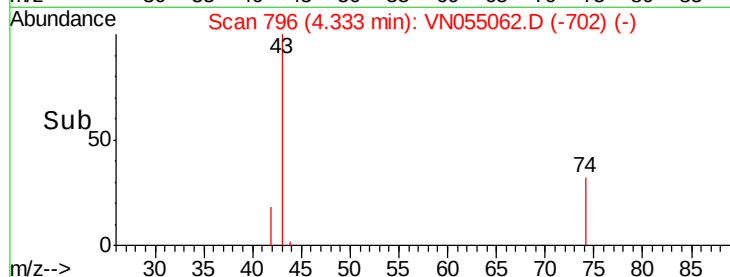
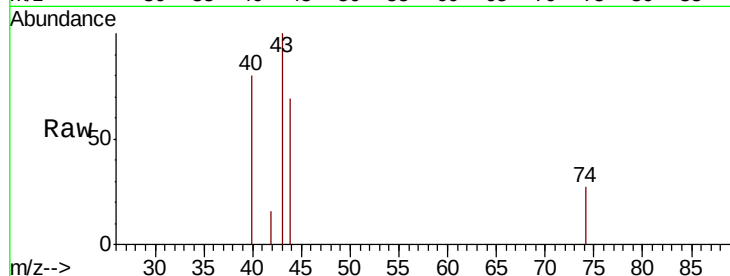




#18
Methyl Acetate
Concen: 0.337 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN055062.D
Acq: 15 Apr 2019 23:58

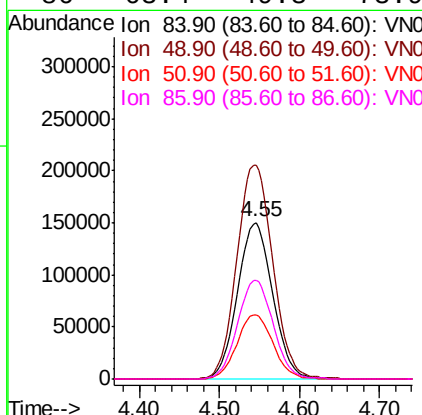
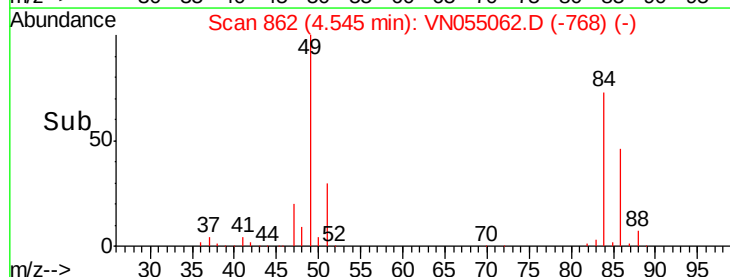
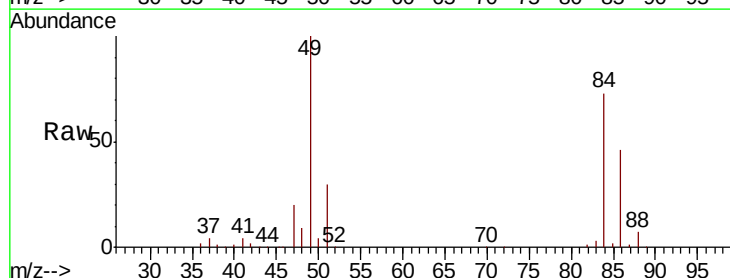
Instrument :
MSVOA_N
ClientSampleId :
TP-11-S

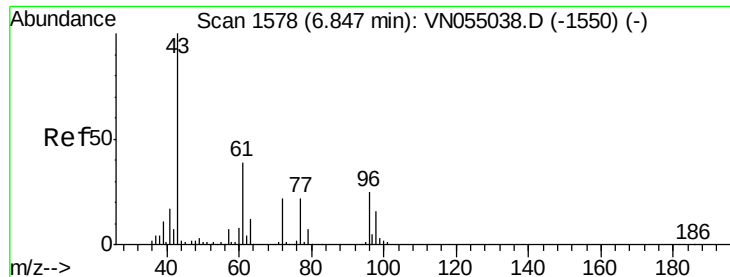
Tot Ion: 43 Resp: 4187
Ion Ratio Lower Upper
43 100
74 22.3 16.1 24.1



#20
Methylene Chloride
Concen: 67.605 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055062.D
Acq: 15 Apr 2019 23:58

Tgt Ion: 84 Resp: 447521
Ion Ratio Lower Upper
84 100
49 136.5 109.4 164.2
51 41.2 32.2 48.4
86 63.4 49.3 73.9





#25

2-Butanone

Concen: 0.927 ug/l

RT: 6.86 min Scan# 1581

Delta R.T. 0.01 min

Lab File: VN055062.D

Acq: 15 Apr 2019 23:58

Instrument :

MSVOA_N

ClientSampled :

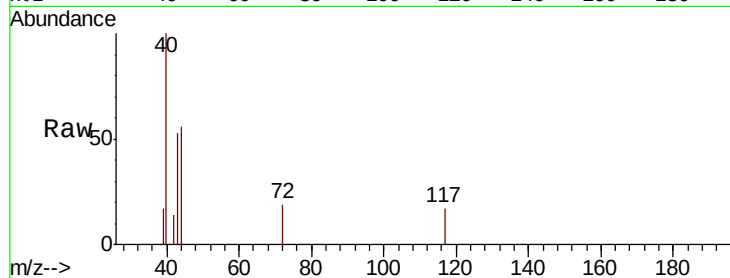
TP-11-S

Tot Ion: 43 Resp: 2606

Ion Ratio Lower Upper

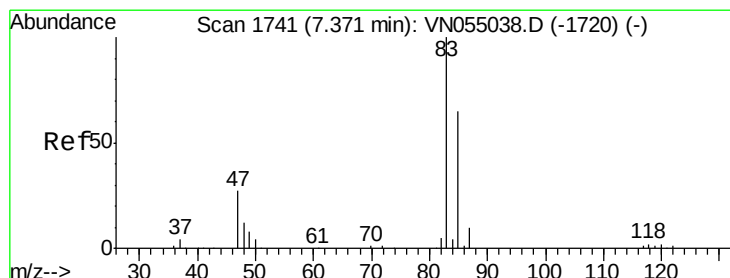
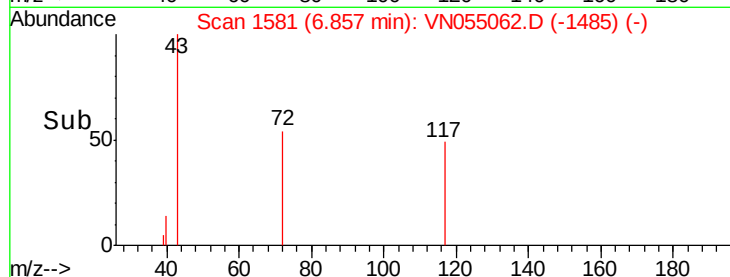
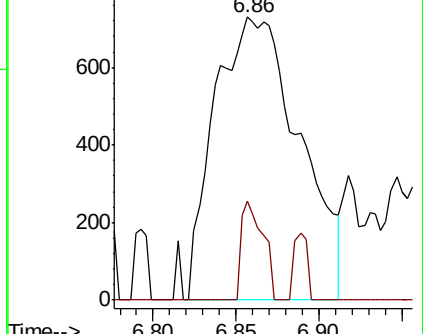
43 100

72 34.9 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#30

Chloroform

Concen: 0.248 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VN055062.D

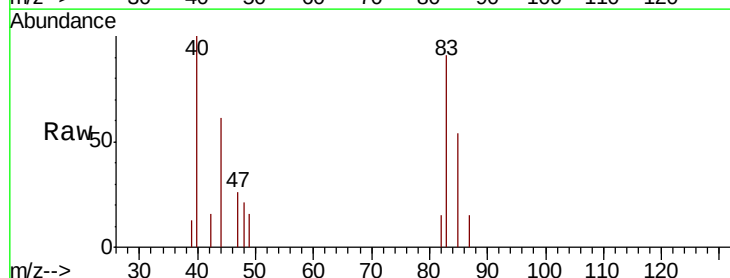
Acq: 15 Apr 2019 23:58

Tgt Ion: 83 Resp: 2679

Ion Ratio Lower Upper

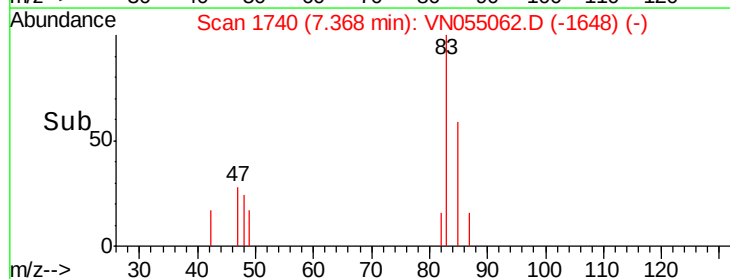
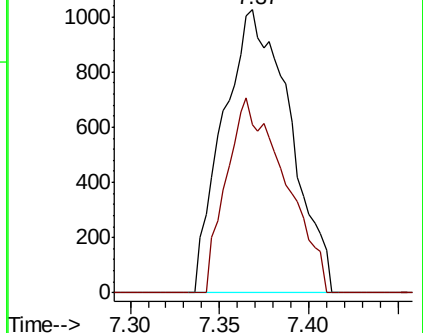
83 100

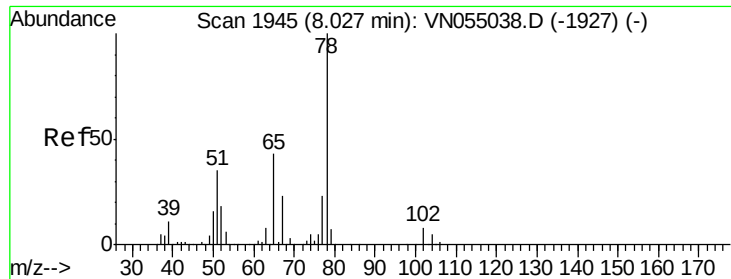
85 59.2 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

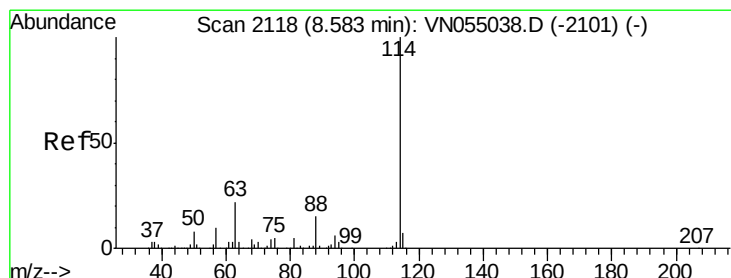
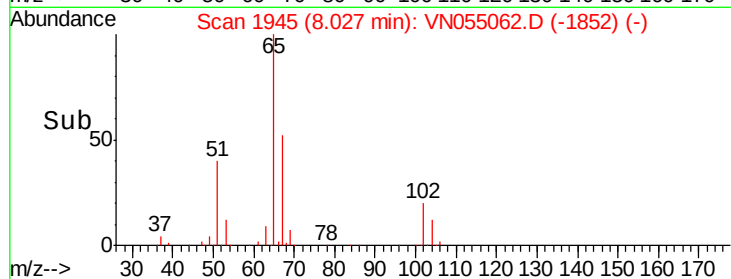
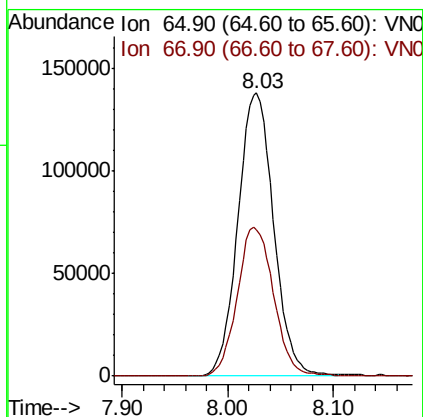
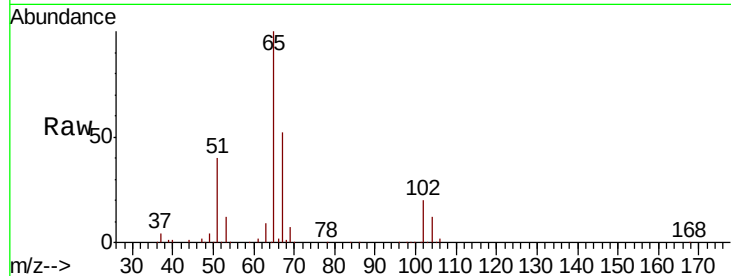




#33
 1,2-Dichloroethane-d4
 Concen: 46.901 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

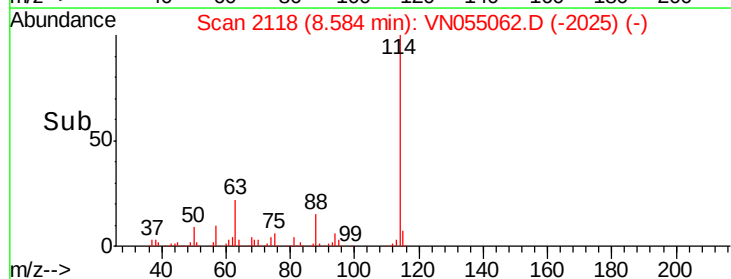
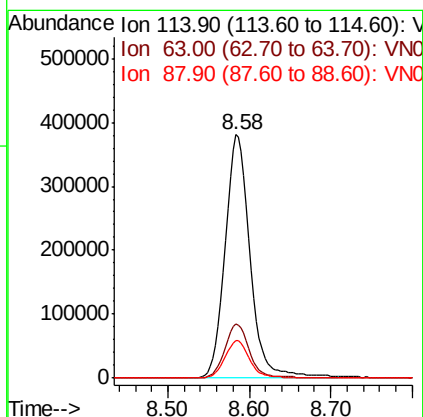
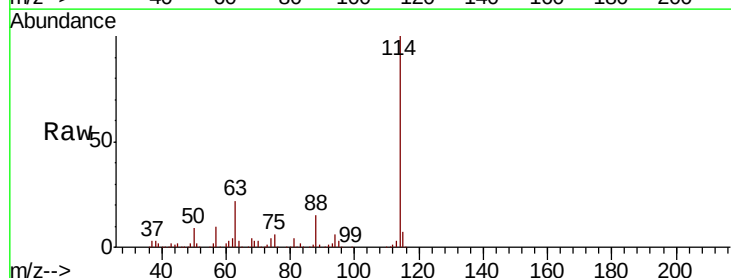
Instrument :
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 TP-11-S

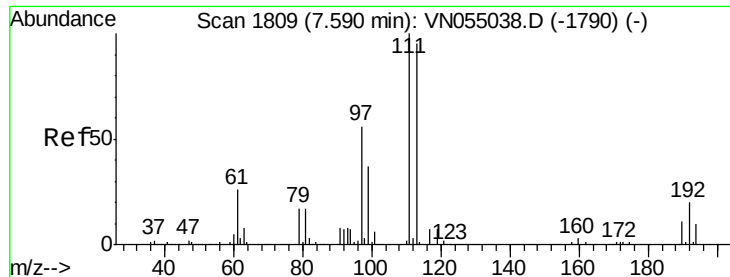
Tot Ion: 65 Resp: 325396
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

Tgt Ion: 114 Resp: 827361
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.2
 88 15.2 0.0 31.8

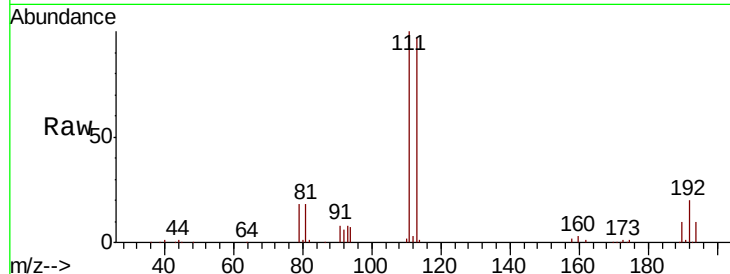




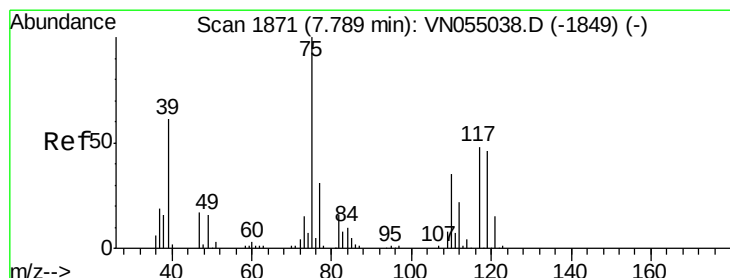
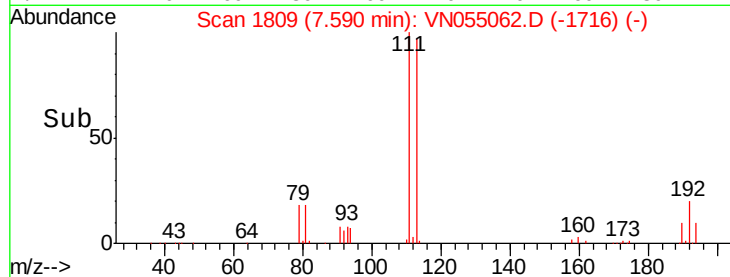
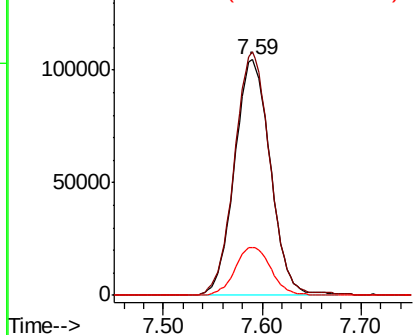
#35
 Dibromofluoromethane
 Concen: 47.661 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-S

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.1	123.1
192	20.6	16.5	24.7

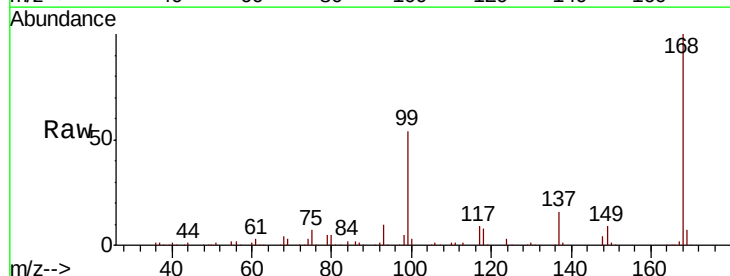


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

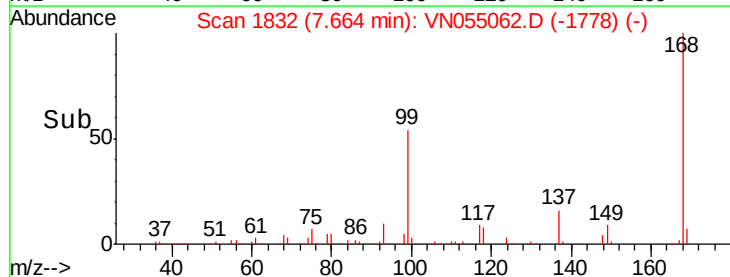
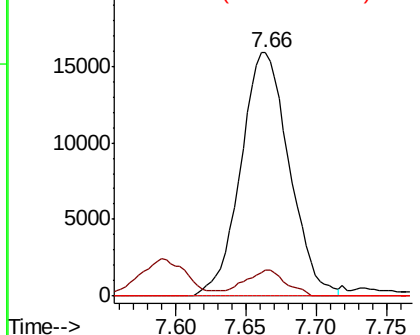


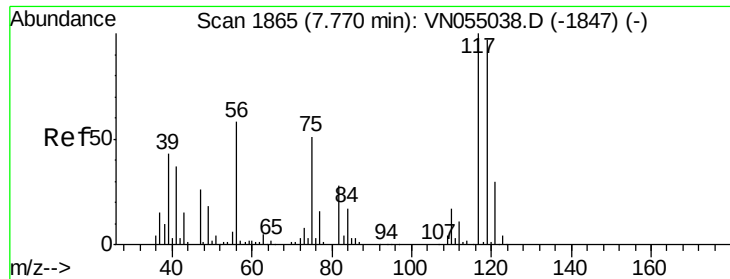
#36
 1,1-Dichloropropene
 Concen: 4.899 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	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

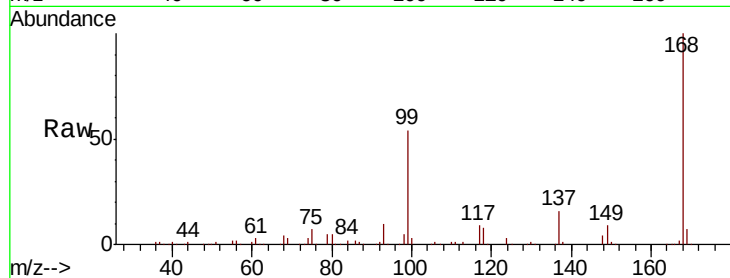




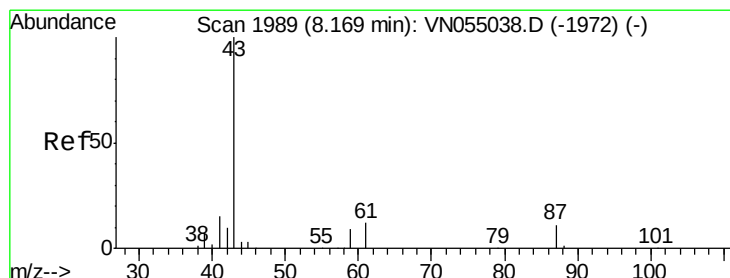
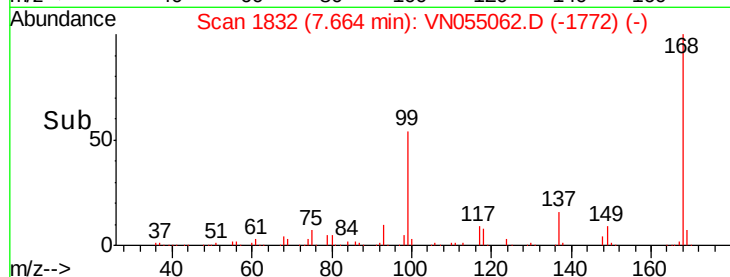
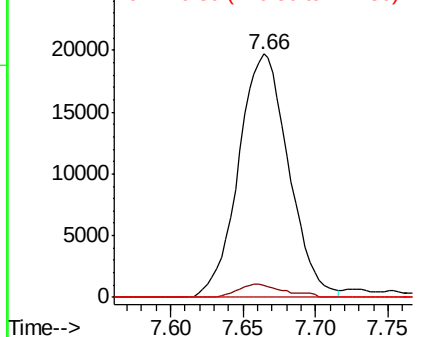
#38
Carbon Tetrachloride
Concen: 6.356 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN055062.D
Acq: 15 Apr 2019 23:58

Instrument :
MSVOA_N
ClientSampled :
TP-11-S

Tot Ion:117 Resp: 47161
Ion Ratio Lower Upper
117 100
119 5.0 76.3 114.5#
121 0.0 23.9 35.9#

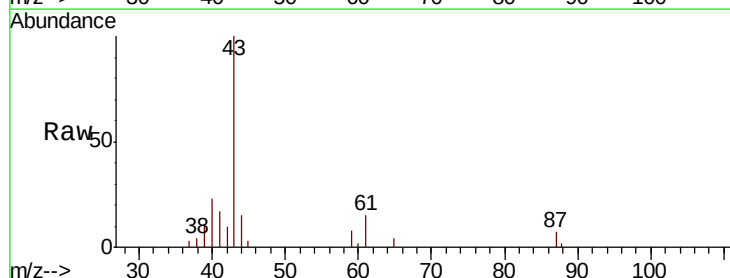


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

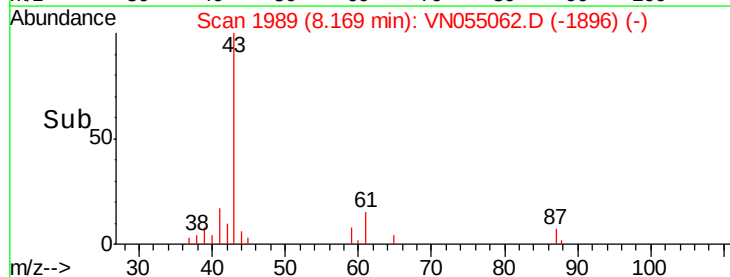
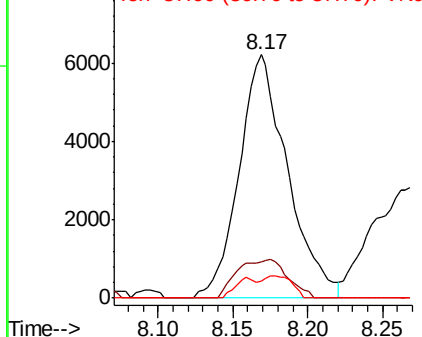


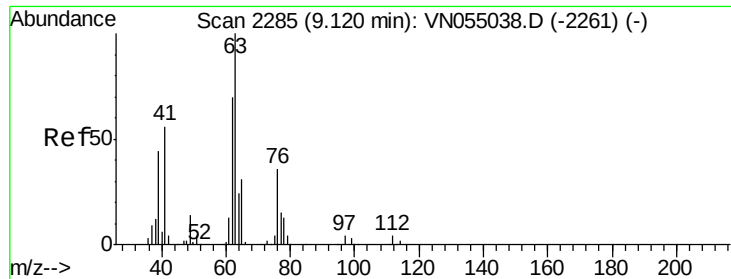
#43
Isopropyl Acetate
Concen: 1.431 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN055062.D
Acq: 15 Apr 2019 23:58

Tgt Ion: 43 Resp: 14005
Ion Ratio Lower Upper
43 100
61 16.5 14.3 21.5
87 5.0 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

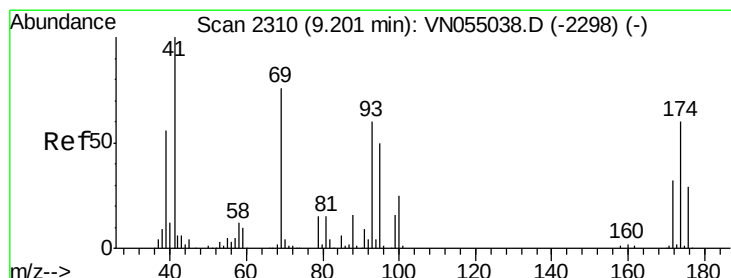
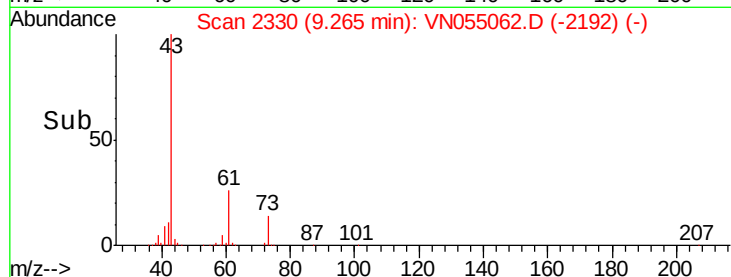
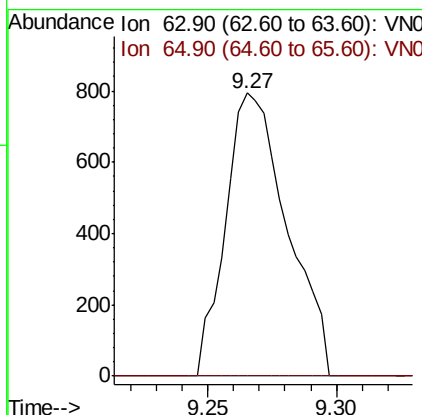
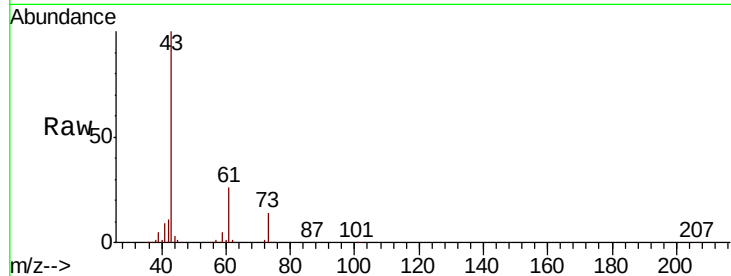




#45
 1,2-Dichloropropane
 Concen: 0.202 ug/l
 RT: 9.27 min Scan# 2330
 Delta R.T. 0.14 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

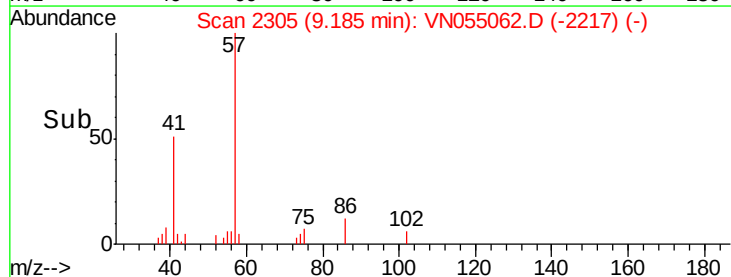
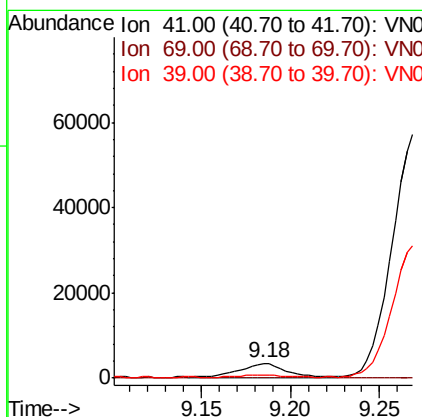
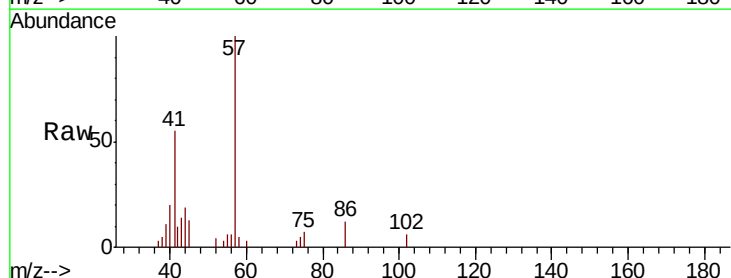
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-S

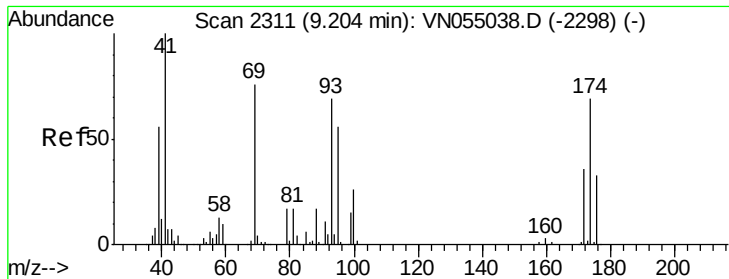
Tot Ion: 63 Resp: 1322
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.4 36.6#



#48
 Methyl methacrylate
 Concen: 1.228 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.02 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

Tgt Ion: 41 Resp: 5957
 Ion Ratio Lower Upper
 41 100
 69 0.5 60.5 90.7#
 39 28.9 43.9 65.9#





#49

1,4-Dioxane

Concen: 2.421 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.07 min

Lab File: VN055062.D

Acq: 15 Apr 2019 23:58

Instrument :

MSVOA_N

ClientSampleId :

TP-11-S

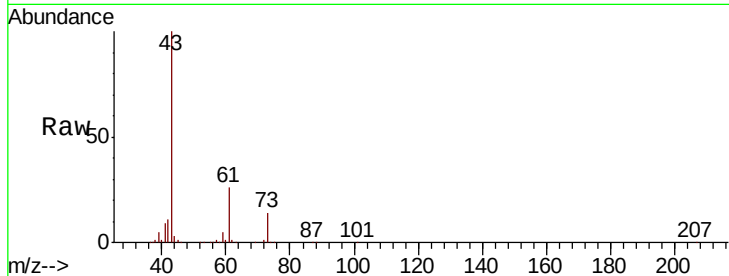
Tot Ion: 88 Resp: 110

Ion Ratio Lower Upper

88 100

43 1048468.2 31.8 47.8#

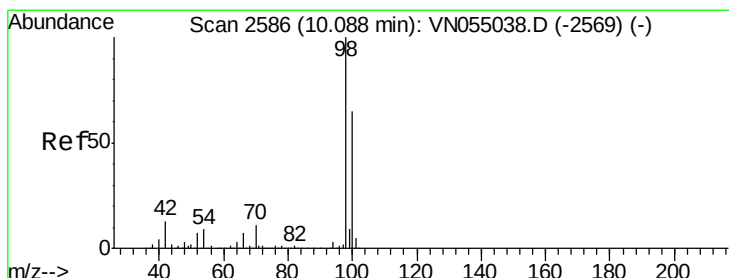
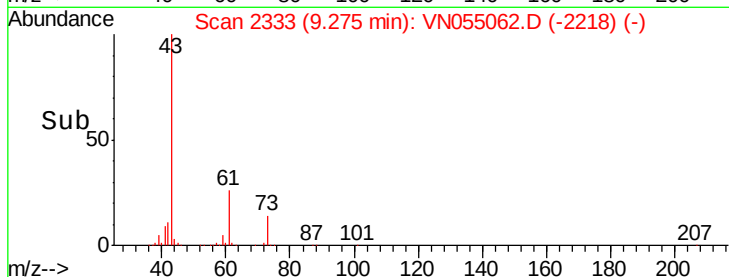
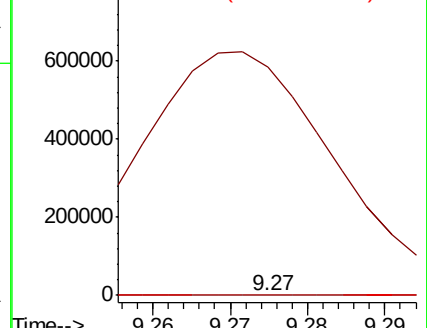
58 5247.3 61.6 92.4#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.368 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055062.D

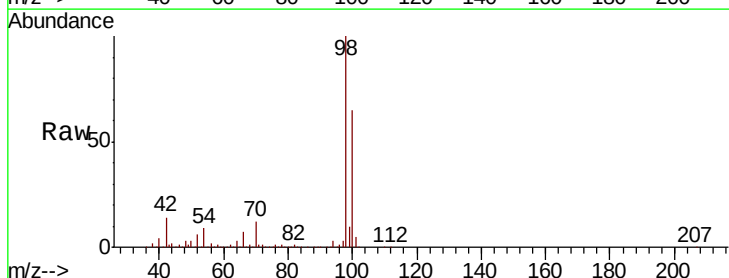
Acq: 15 Apr 2019 23:58

Tgt Ion: 98 Resp: 996772

Ion Ratio Lower Upper

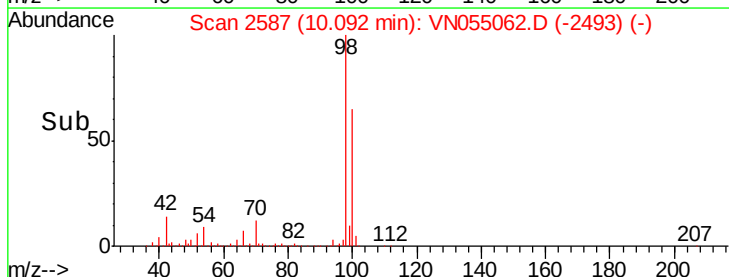
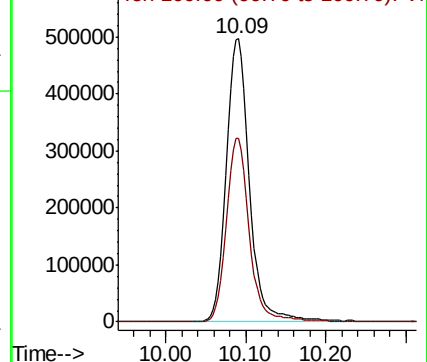
98 100

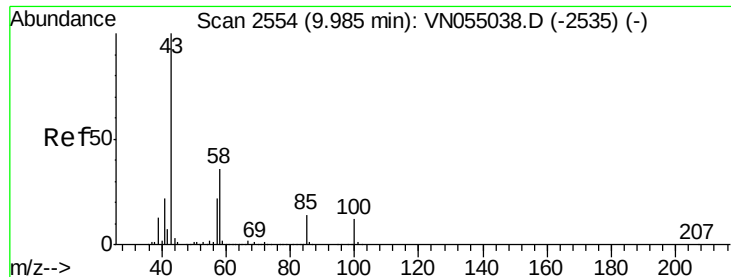
100 64.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

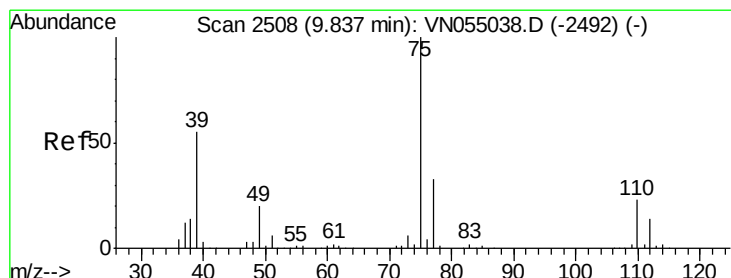
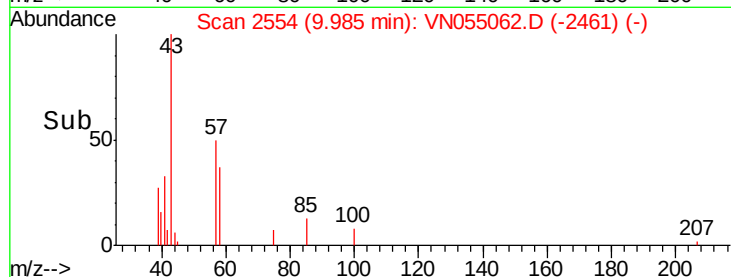
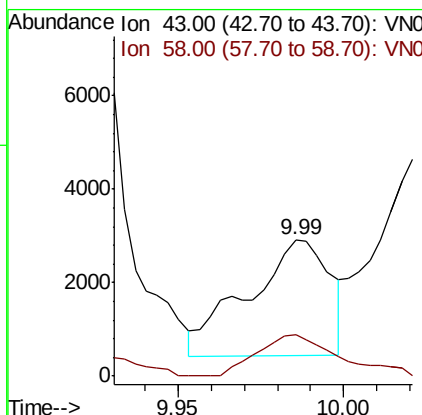
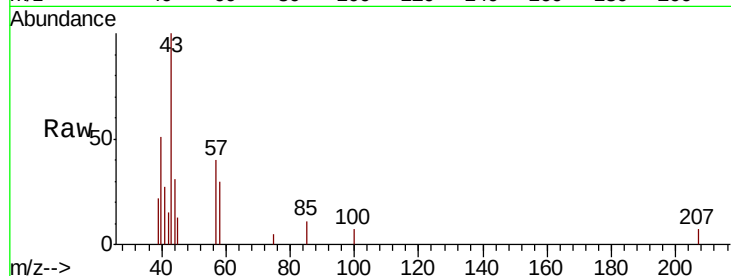




#51
 4-Methyl-2-Pentanone
 Concen: 0.758 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

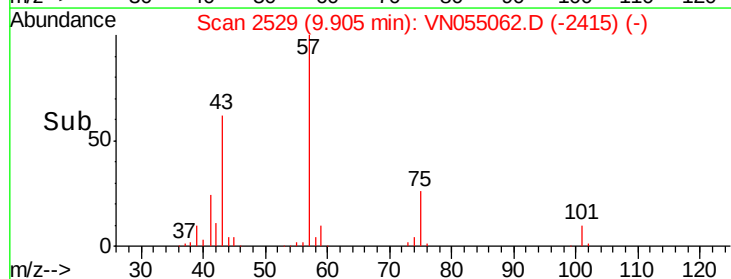
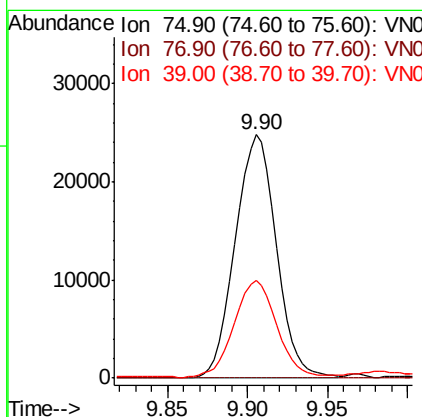
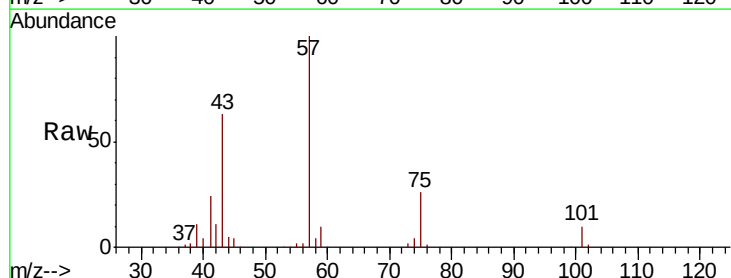
Instrument :
 MSVOA_N
 ClientSampleID :
 TP-11-S

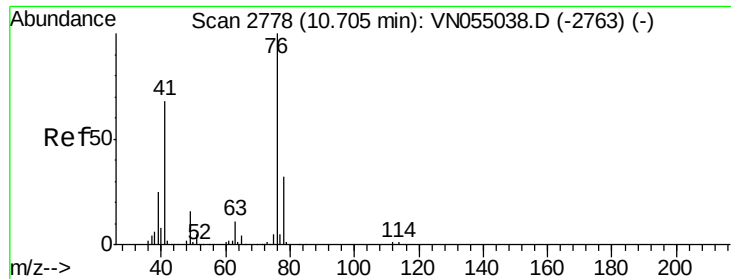
Tot Ion: 43 Resp: 4282
 Ion Ratio Lower Upper
 43 100
 58 35.2 29.0 43.4



#54
 cis-1,3-Dichloropropene
 Concen: 5.219 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

Tgt Ion: 75 Resp: 43549
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.8 38.6#
 39 39.3 43.8 65.8#

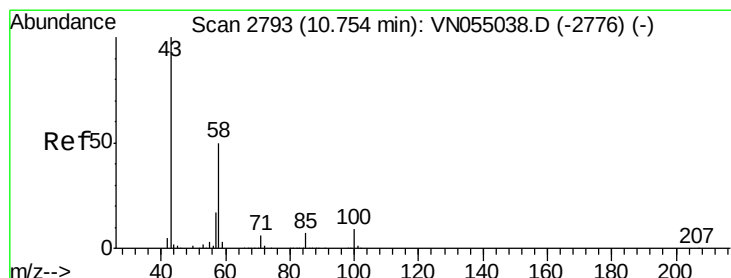
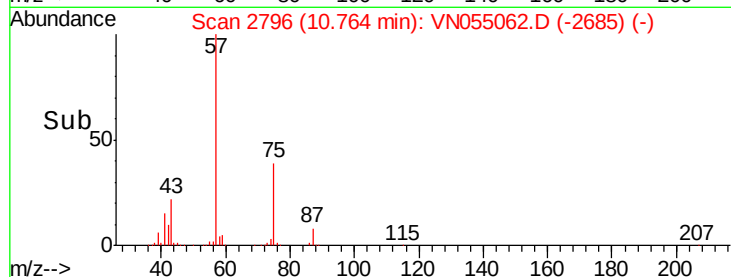
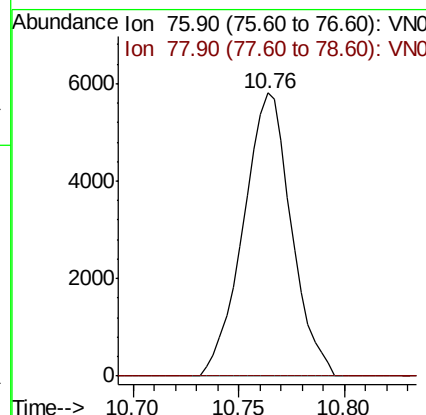
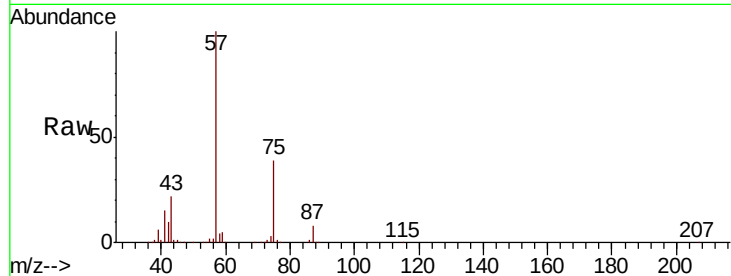




#57
 1,3-Dichloropropane
 Concen: 1.041 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

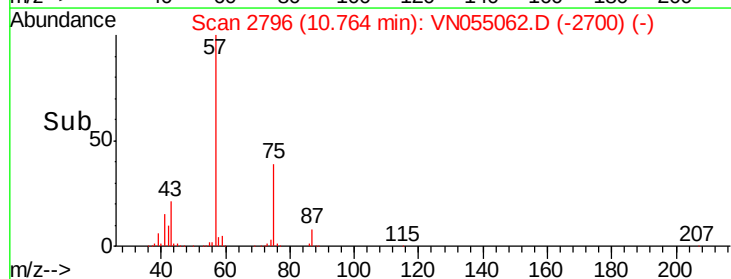
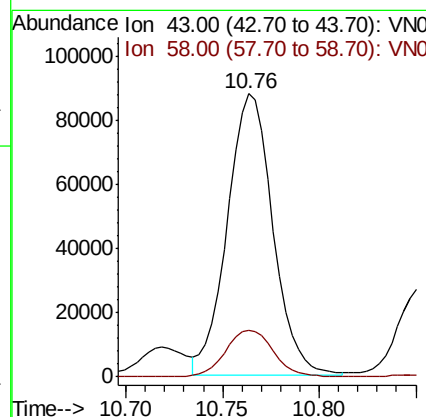
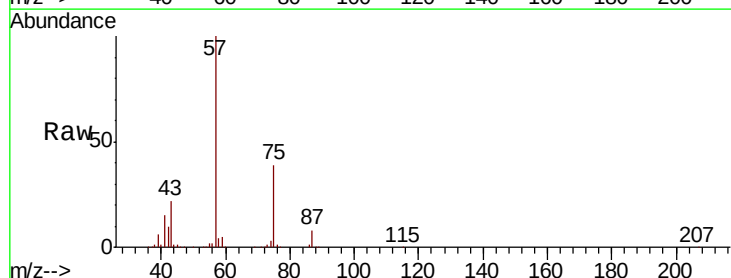
Instrument :
 MSVOA_N
 ClientSampled :
 TP-11-S

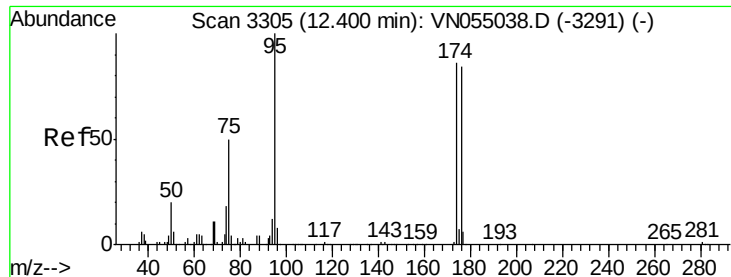
Tot Ion: 76 Resp: 9193
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 40.414 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

Tgt Ion: 43 Resp: 143481
 Ion Ratio Lower Upper
 43 100
 58 17.8 25.1 75.2#





#62

4-Bromofluorobenzene

Concen: 46.355 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055062.D

Acq: 15 Apr 2019 23:58

Instrument :

MSVOA_N

ClientSampleId :

TP-11-S

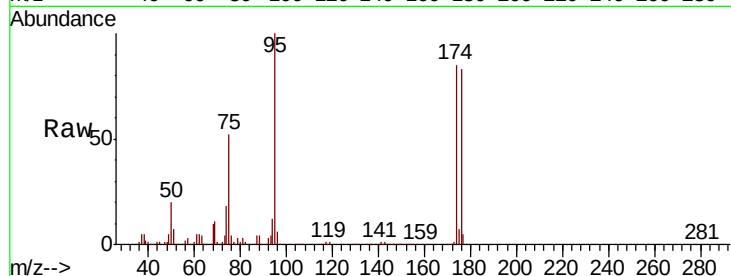
Tot Ion: 95 Resp: 298230

Ion Ratio Lower Upper

95 100

174 85.9 0.0 174.4

176 82.5 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055038.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055038.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055038.D (-3291) (-)

12.40

200000

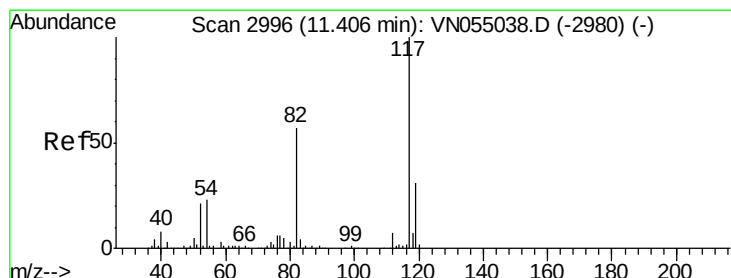
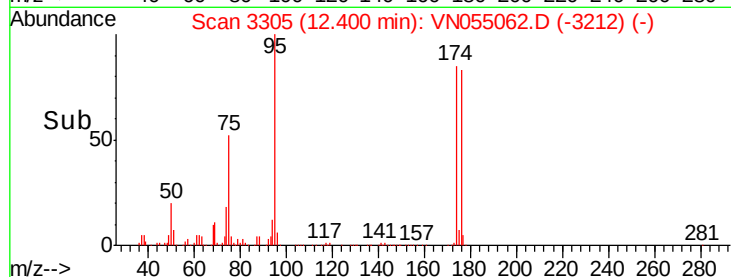
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055062.D

Acq: 15 Apr 2019 23:58

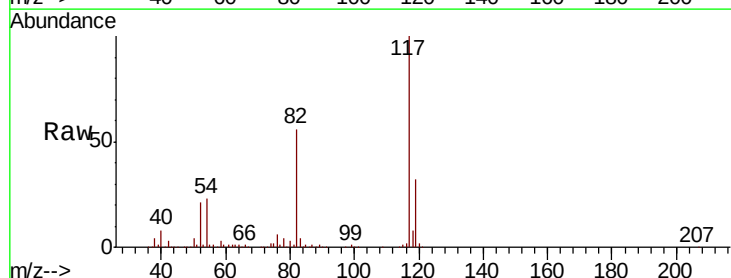
Tgt Ion: 117 Resp: 709130

Ion Ratio Lower Upper

117 100

82 56.5 44.6 66.8

119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN055038.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055038.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055038.D (-2980) (-)

11.41

500000

400000

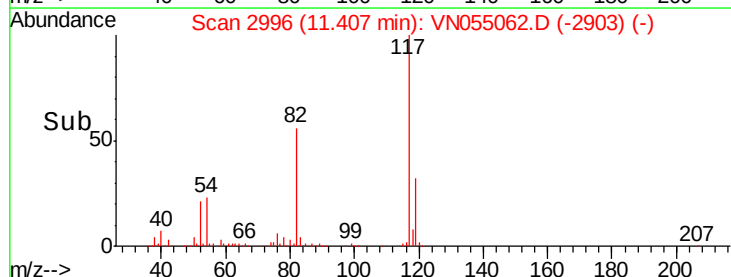
300000

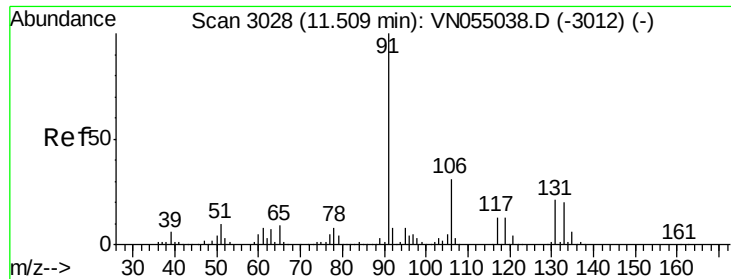
200000

100000

0

Time--> 11.30 11.40 11.50 11.60

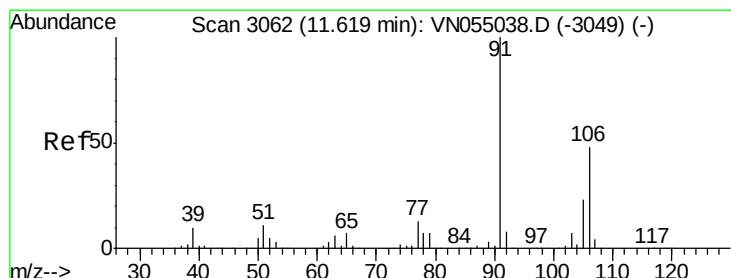
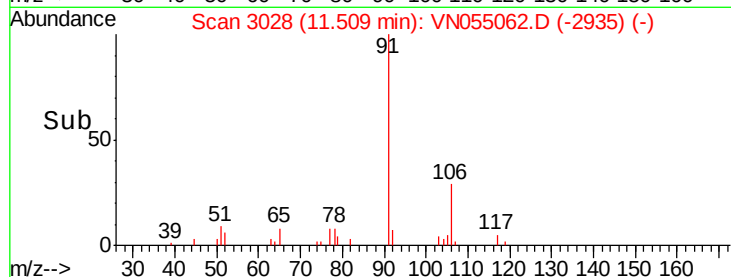
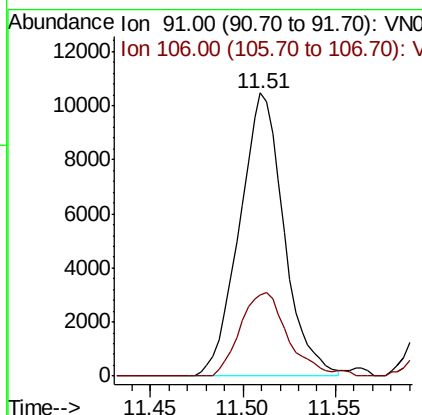
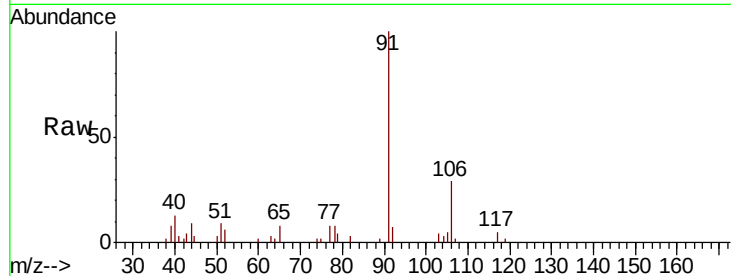




#67
Ethyl Benzene
Concen: 0.686 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055062.D
Acq: 15 Apr 2019 23:58

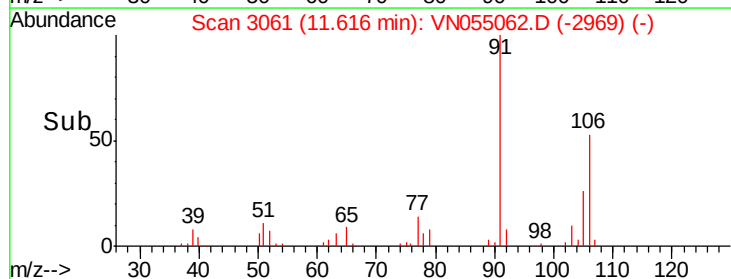
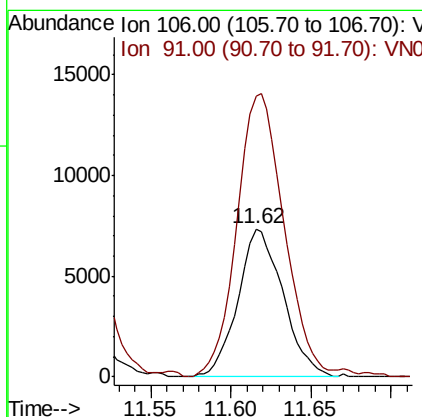
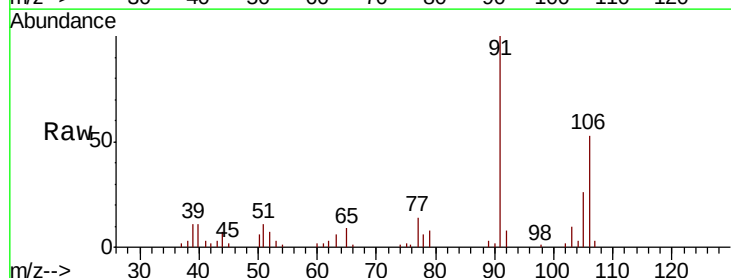
Instrument :
MSVOA_N
ClientSampleId :
TP-11-S

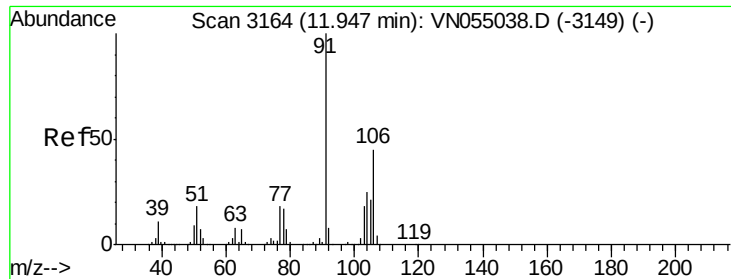
Tot Ion: 91 Resp: 17492
Ion Ratio Lower Upper
91 100
106 28.7 24.3 36.5



#68
m/p-Xylenes
Concen: 1.535 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055062.D
Acq: 15 Apr 2019 23:58

Tgt Ion: 106 Resp: 14165
Ion Ratio Lower Upper
106 100
91 199.4 165.9 248.9

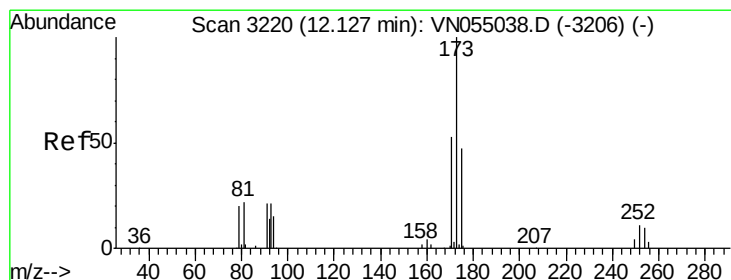
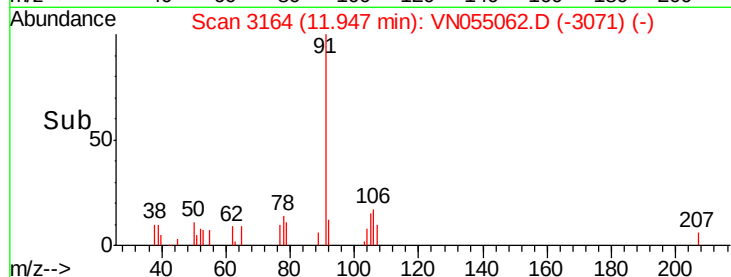
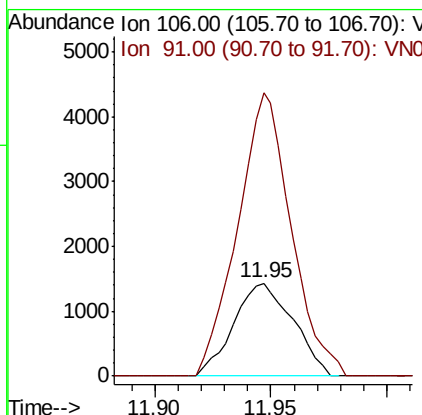
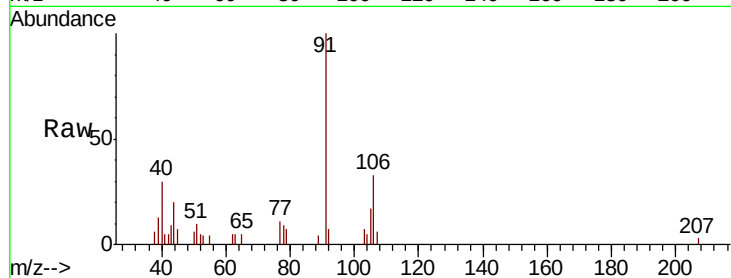




#69
o-Xylene
Concen: 0.285 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055062.D
Acq: 15 Apr 2019 23:58

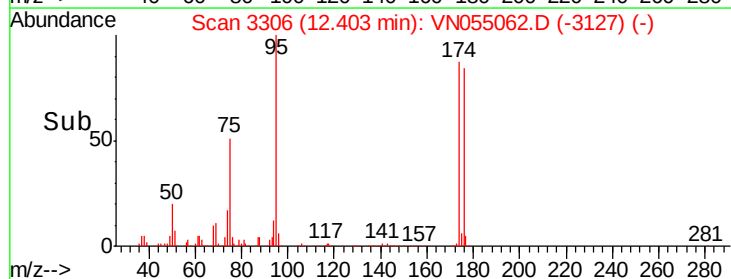
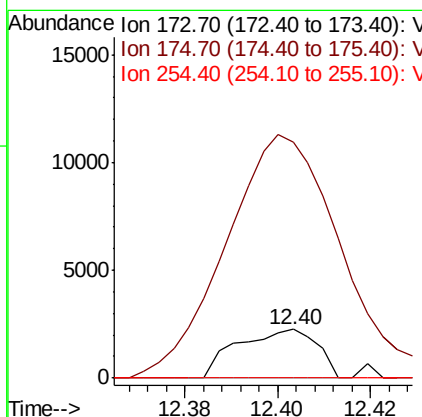
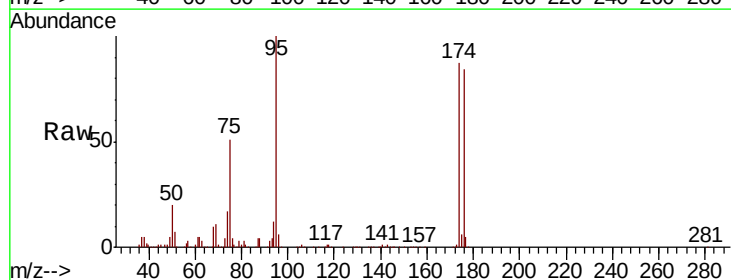
Instrument :
MSVOA_N
ClientSampled :
TP-11-S

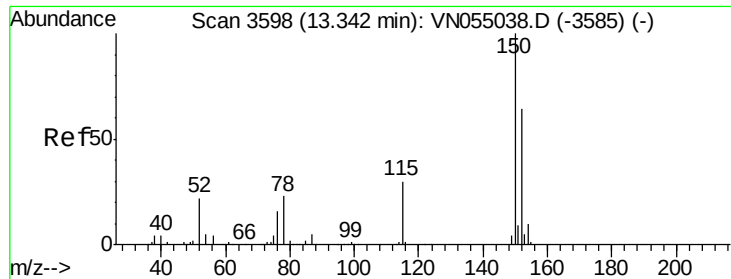
Tot Ion:106 Resp: 2551
Ion Ratio Lower Upper
106 100
91 274.8 109.9 329.8



#71
Bromoform
Concen: 0.899 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055062.D
Acq: 15 Apr 2019 23:58

Tgt Ion:173 Resp: 2706
Ion Ratio Lower Upper
173 100
175 624.8 24.3 73.0#
254 0.0 0.1 0.1#

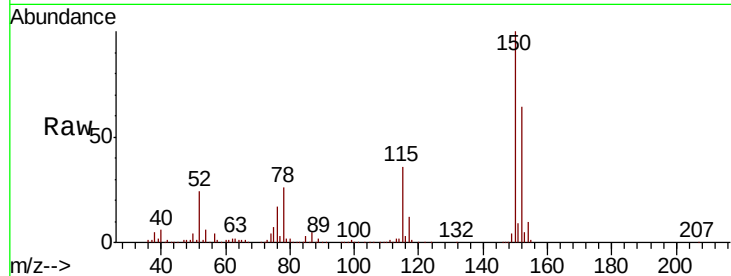




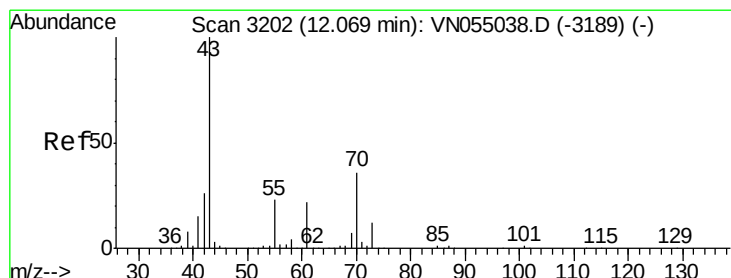
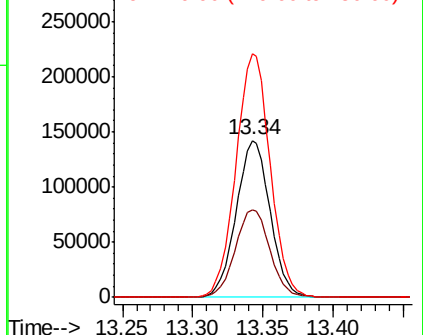
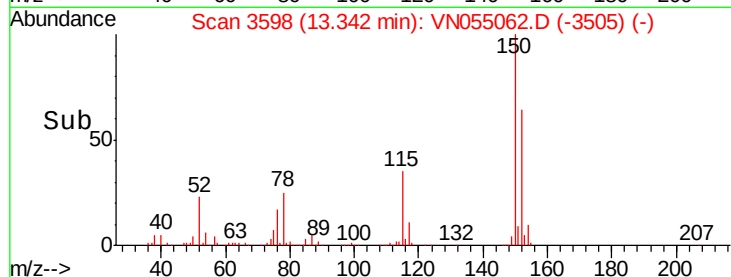
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

Instrument :
 MSVOA_N
 ClientSampled :
 TP-11-S

Tot Ion:152 Resp: 239424
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.5 85.6
 150 157.0 0.0 347.2

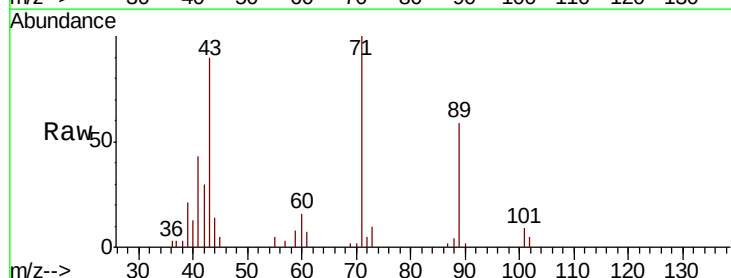


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

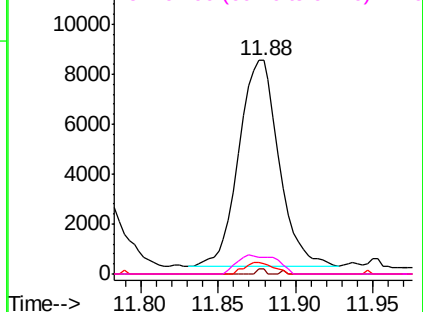
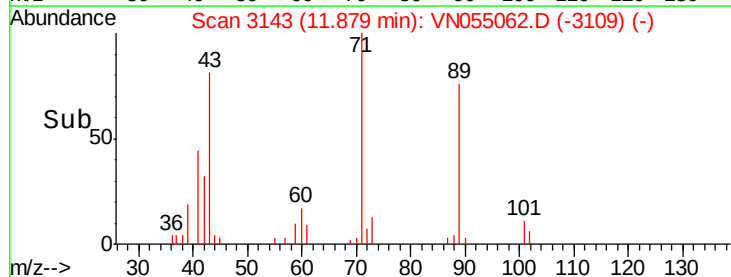


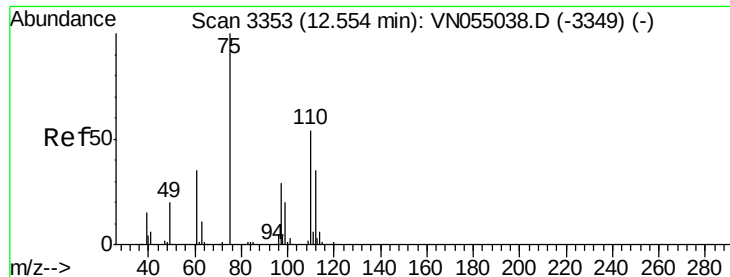
#74
 N-ethyl acetate
 Concen: 2.508 ug/l
 RT: 11.88 min Scan# 3143
 Delta R.T. -0.19 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

Tgt Ion: 43 Resp: 14998
 Ion Ratio Lower Upper
 43 100
 70 0.5 29.4 44.0#
 55 4.0 19.0 28.4#
 61 9.1 17.7 26.5#



Abundance Ion 43.00 (42.70 to 43.70): V
 Ion 70.00 (69.70 to 70.70): V
 Ion 55.00 (54.70 to 55.70): V
 Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 35.668 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055062.D

Acq: 15 Apr 2019 23:58

Instrument :

MSVOA_N

ClientSampled :

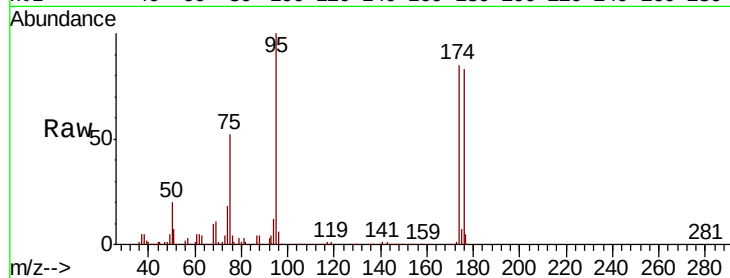
TP-11-S

Tot Ion: 75 Resp: 153566

Ion Ratio Lower Upper

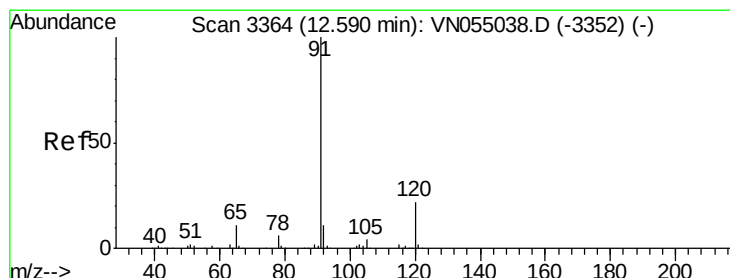
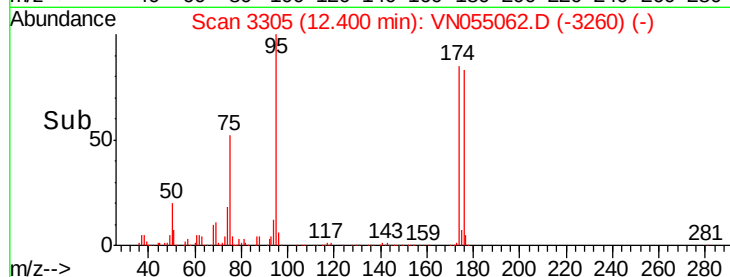
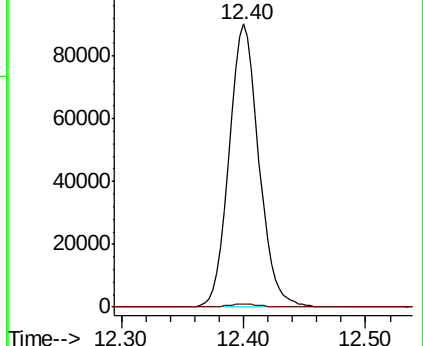
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.737 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055062.D

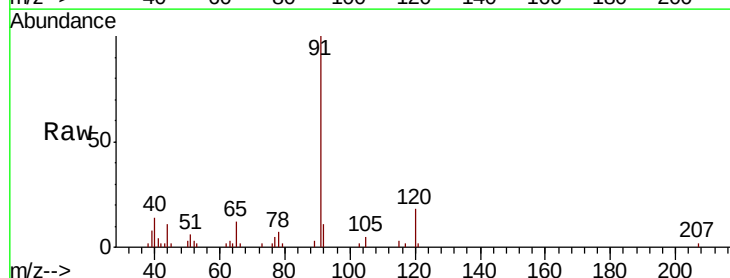
Acq: 15 Apr 2019 23:58

Tgt Ion: 91 Resp: 16927

Ion Ratio Lower Upper

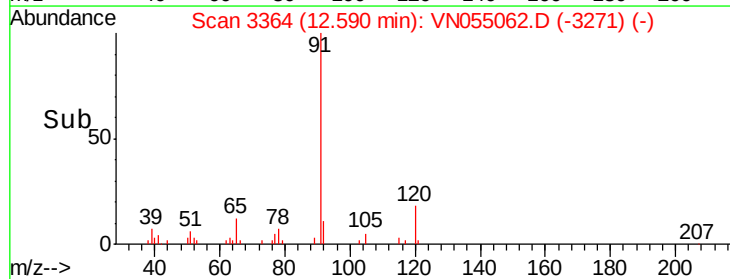
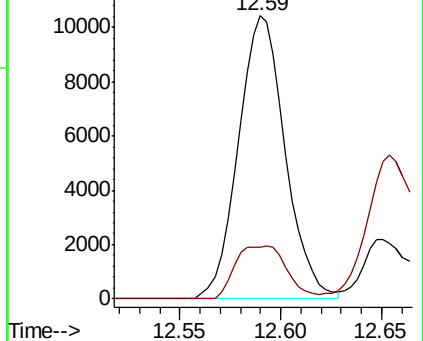
91 100

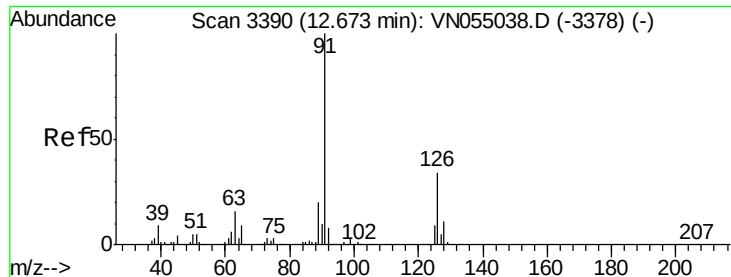
120 20.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.217 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.03 min

Lab File: VN055062.D

Acq: 15 Apr 2019 23:58

Instrument :

MSVOA_N

ClientSampled :

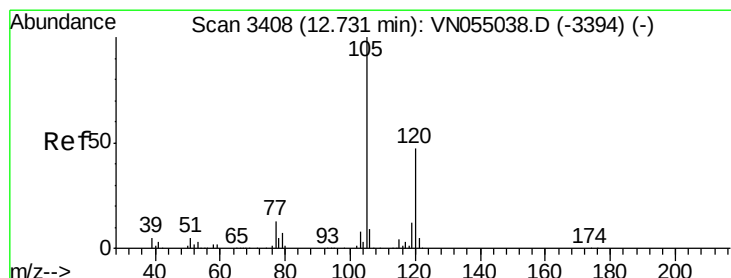
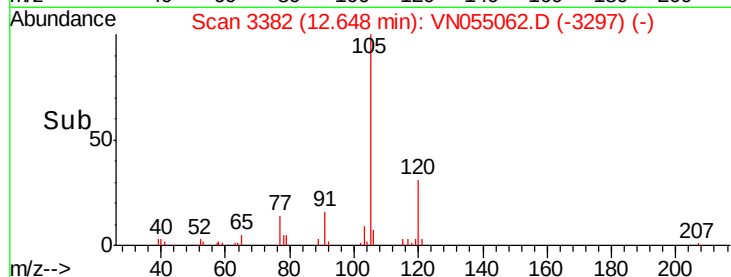
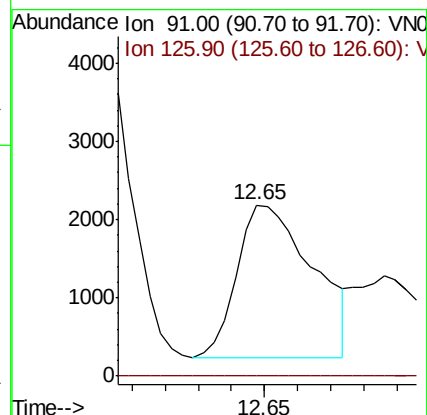
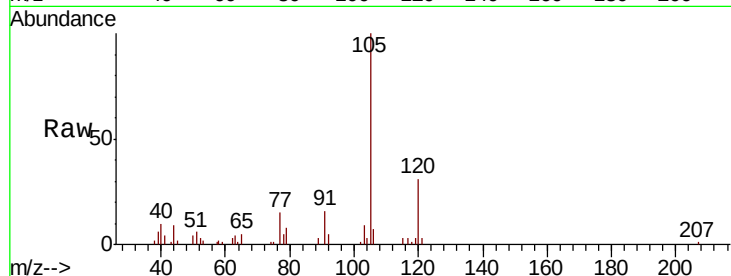
TP-11-S

Tot Ion: 91 Resp: 3102

Ion Ratio Lower Upper

91 100

126 0.0 17.1 51.2#



#80

1,3,5-Trimethylbenzene

Concen: 1.468 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055062.D

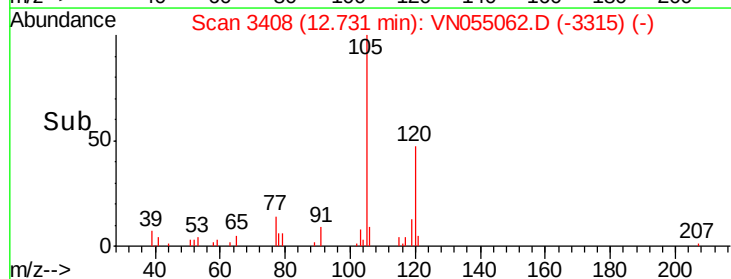
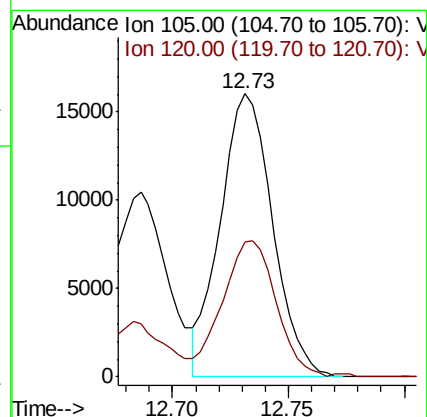
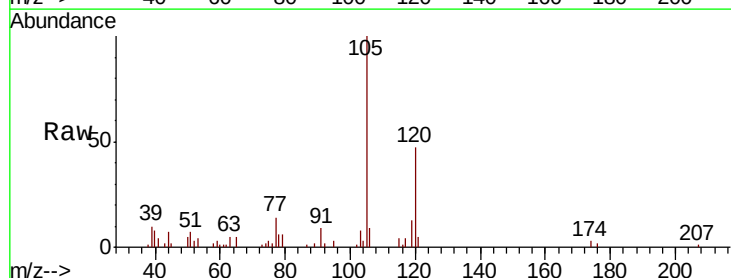
Acq: 15 Apr 2019 23:58

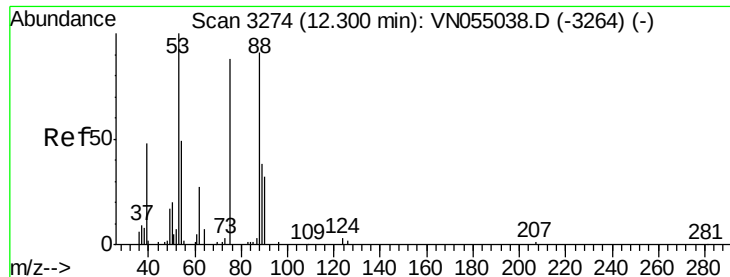
Tgt Ion: 105 Resp: 25161

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8

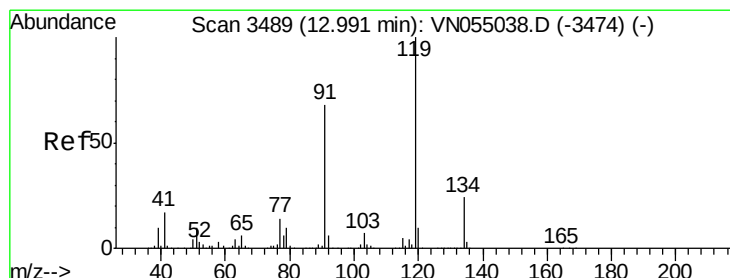
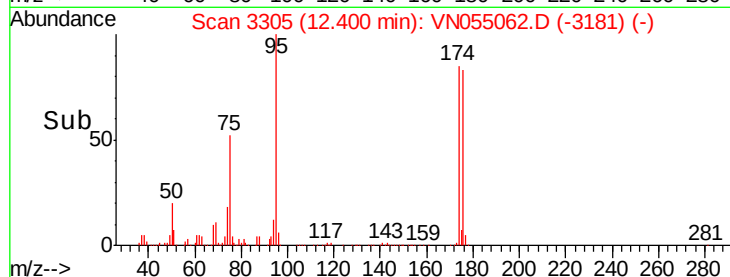
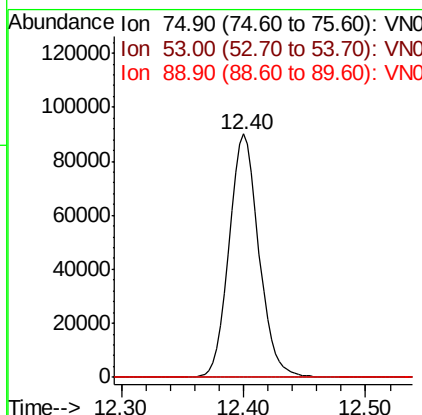
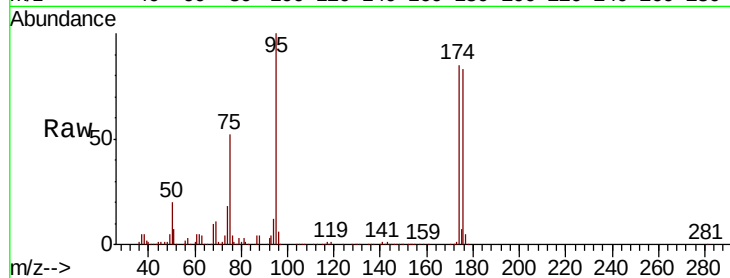




#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.631 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

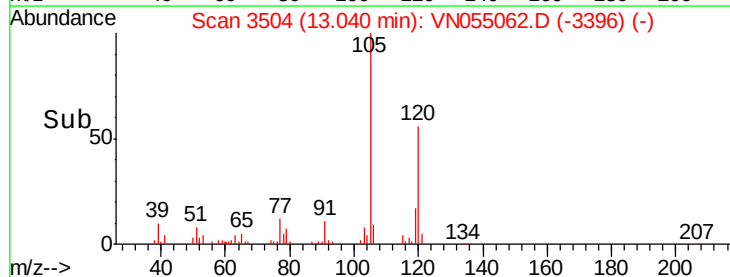
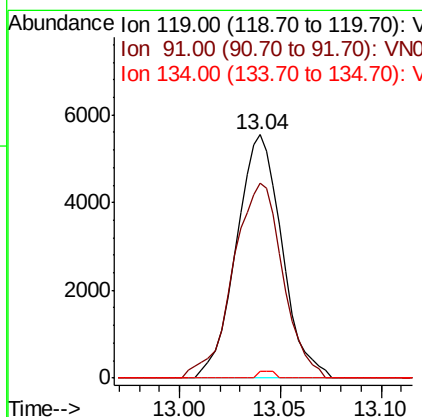
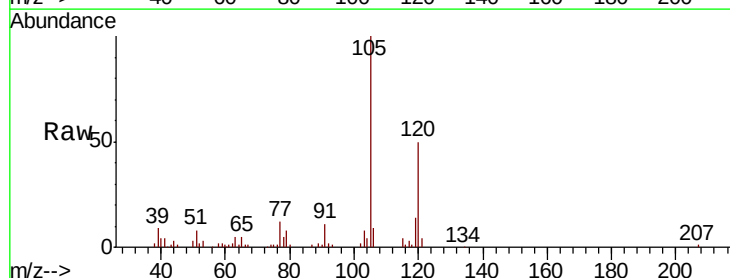
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-11-S

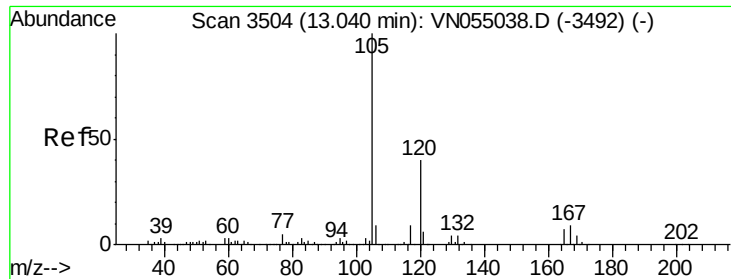
Tot Ion: 75 Resp: 153566
 Ion Ratio Lower Upper
 75 100
 53 0.1 96.3 144.5#
 89 0.0 38.6 57.8#



#83
 tert-Butylbenzene
 Concen: 0.606 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

Tgt Ion: 119 Resp: 8777
 Ion Ratio Lower Upper
 119 100
 91 87.1 33.3 99.8
 134 1.0 12.3 36.9#

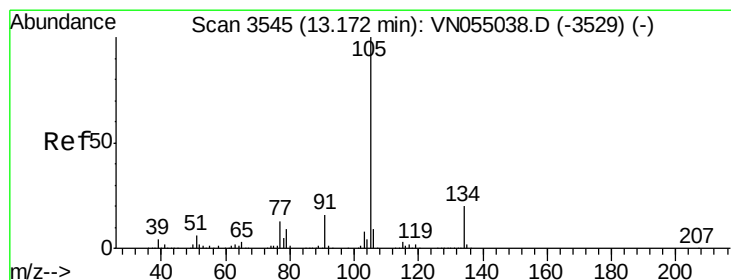
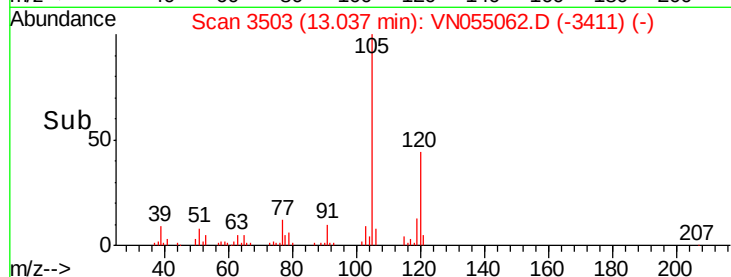
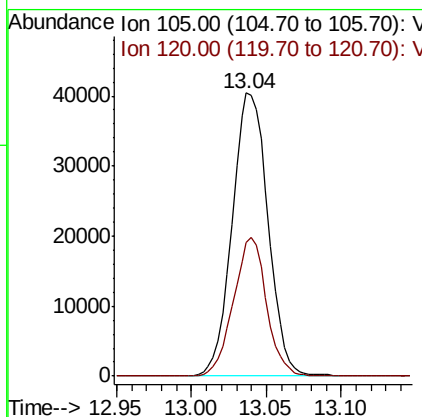
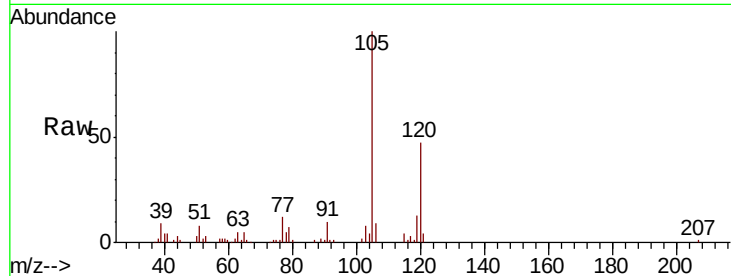




#84
 1,2,4-Trimethylbenzene
 Concen: 4.145 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

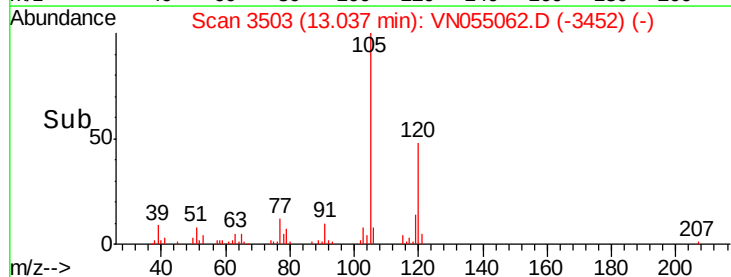
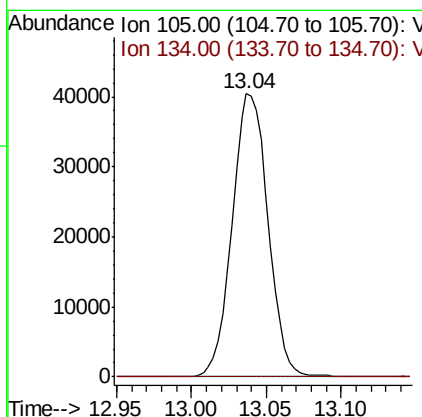
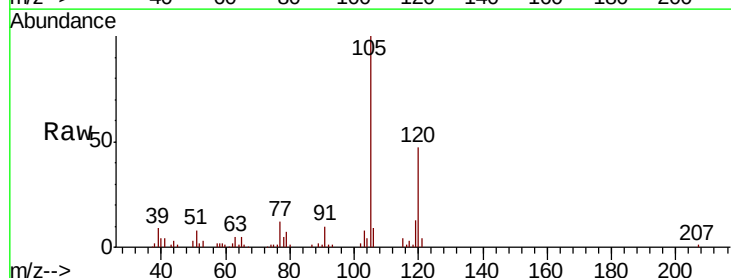
Instrument :
 MSVOA_N
 ClientSampled :
 TP-11-S

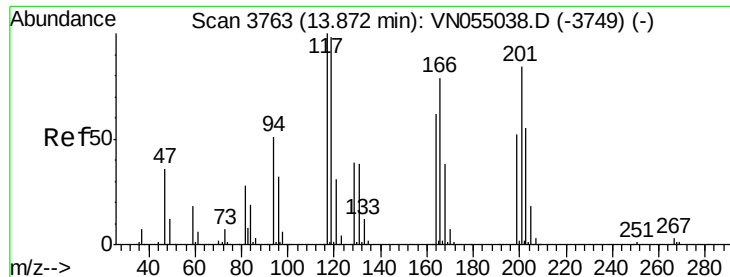
Tot Ion:105 Resp: 67357
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 3.651 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.13 min
 Lab File: VN055062.D
 Acq: 15 Apr 2019 23:58

Tgt Ion:105 Resp: 67357
 Ion Ratio Lower Upper
 105 100
 134 0.1 9.8 29.3#





#90

Hexachloroethane

Concen: 0.422 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.01 min

Lab File: VN055062.D

Acq: 15 Apr 2019 23:58

Instrument :

MSVOA_N

ClientSampled :

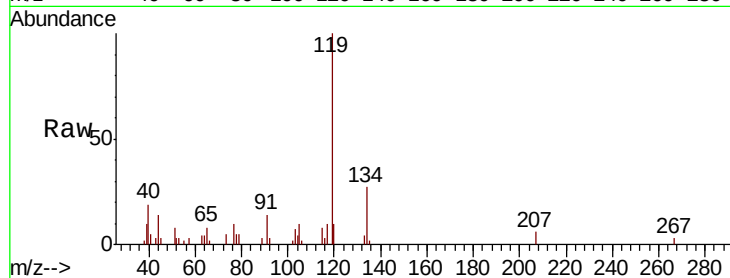
TP-11-S

Tot Ion:117 Resp: 1088

Ion Ratio Lower Upper

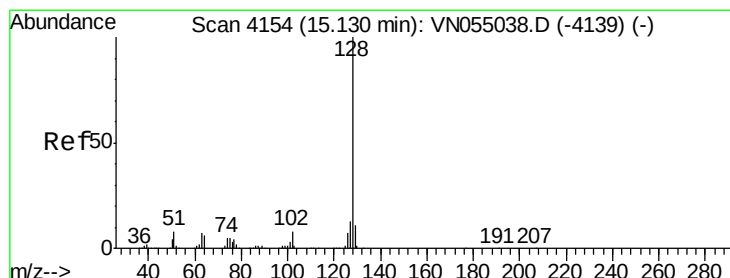
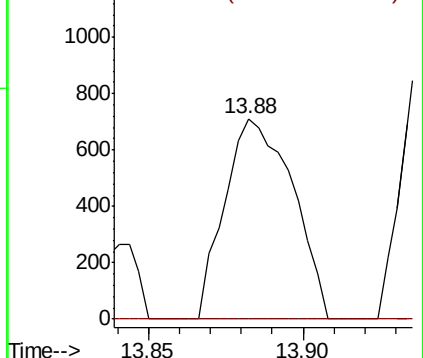
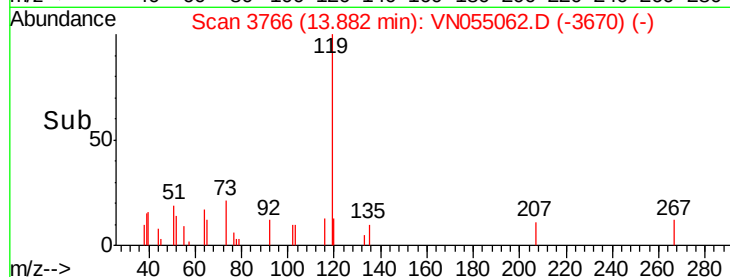
117 100

201 0.0 43.4 130.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 3.580 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055062.D

Acq: 15 Apr 2019 23:58

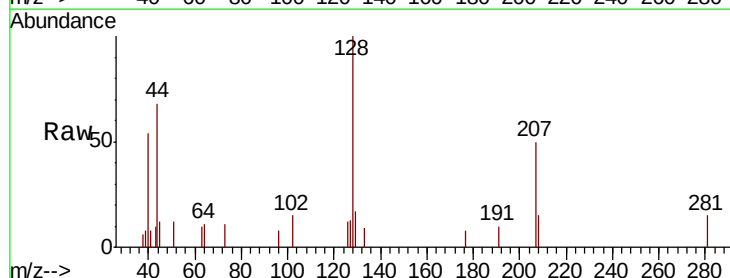
Tgt Ion:128 Resp: 4578

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 12.3 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

