

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022619\
 Data File : VN053955.D
 Acq On : 26 Feb 2019 15:17
 Operator : JC/SP
 Sample : K1597-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-22

Quant Time: Feb 27 02:27:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	607261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1096698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1053954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	388225	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	390985	54.93	ug/l	0.00
Spiked Amount			Recovery	=	109.86%	
35) Dibromofluoromethane	7.59	113	356875	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	
50) Toluene-d8	10.09	98	1377993	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
62) 4-Bromofluorobenzene	12.40	95	452208	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	

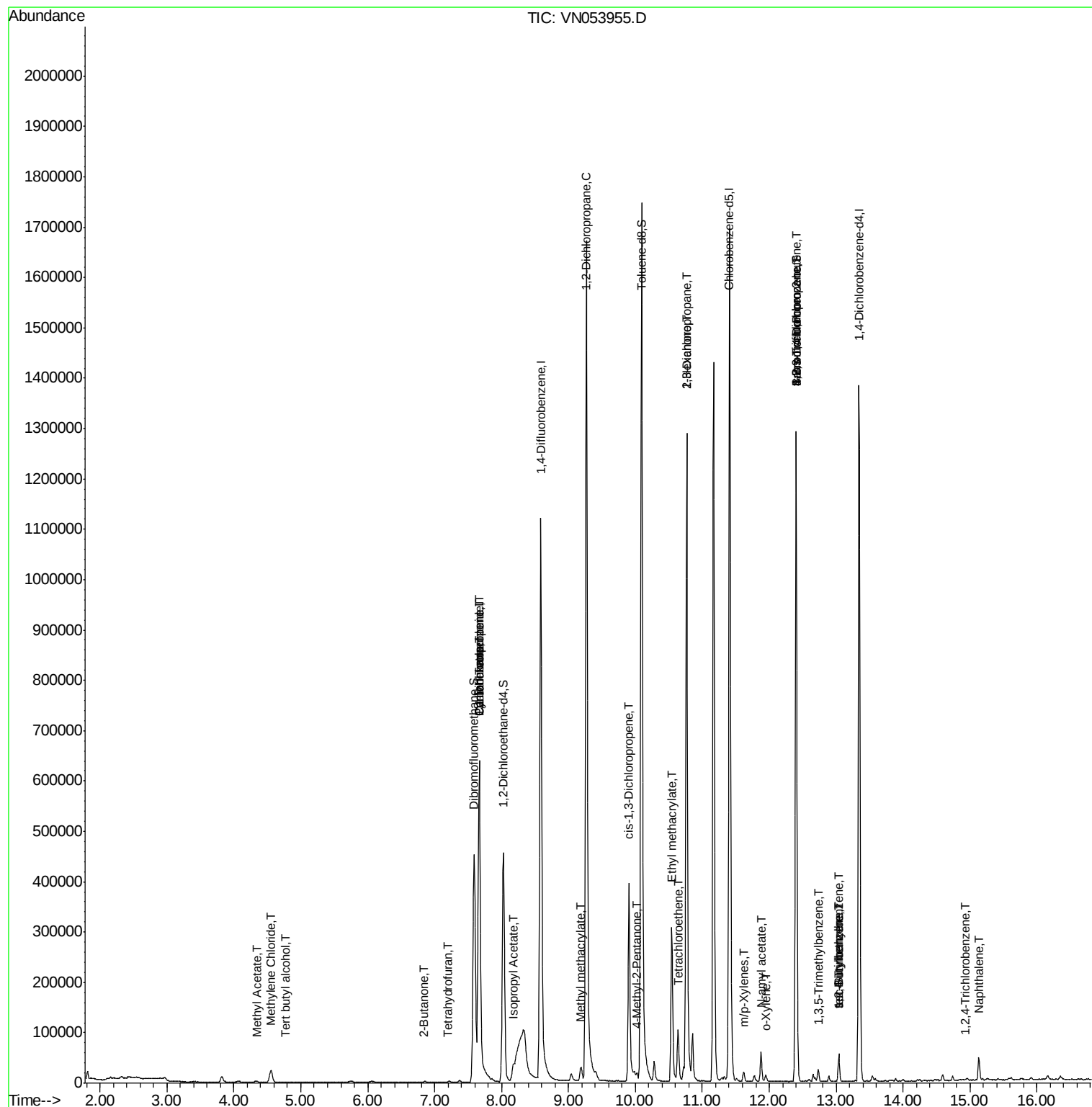
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.79	59	618	1.369	ug/l #	73
16) Acetone	3.82	43	19952	Below Cal		99
18) Methyl Acetate	4.34	43	3897	0.783	ug/l #	65
20) Methylene Chloride	4.55	84	17891	2.539	ug/l	91
25) 2-Butanone	6.85	43	2233	0.799	ug/l #	88
29) Tetrahydrofuran	7.20	42	610	0.328	ug/l #	67
31) Cyclohexane	7.66	56	11215	0.580	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40509	3.972	ug/l #	47
38) Carbon Tetrachloride	7.67	117	51768	4.880	ug/l #	16
43) Isopropyl Acetate	8.17	43	39374	3.202	ug/l #	87
45) 1,2-Dichloropropane	9.27	63	1901	0.225	ug/l #	44
48) Methyl methacrylate	9.18	41	11213	1.983	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	10981	1.738	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	76984	6.489	ug/l #	67
56) Ethyl methacrylate	10.54	69	1550	2.120	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	14047	1.207	ug/l #	43
59) 2-Hexanone	10.76	43	205447	49.995	ug/l #	48
64) Tetrachloroethene	10.63	164	2337	0.262	ug/l	96
68) m/p-Xylenes	11.62	106	6016	0.427	ug/l	93
69) o-Xylene	11.95	106	3197	0.231	ug/l	85
71) Bromoform	12.40	173	3696	0.663	ug/l #	1
74) N-amyl acetate	11.88	43	19003	2.399	ug/l #	48
76) 1,2,3-Trichloropropane	12.40	75	217171	34.871	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11266	0.455	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	217171	110.215	ug/l #	15
83) tert-Butylbenzene	13.04	119	4404	0.201	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.04	105	30716	1.244	ug/l	99
85) sec-Butylbenzene	13.04	105	30716	1.028	ug/l #	56
93) 1,2,4-Trichlorobenzene	14.92	180	33	2.227	ug/l #	1
95) Naphthalene	15.13	128	38732	5.570	ug/l	99

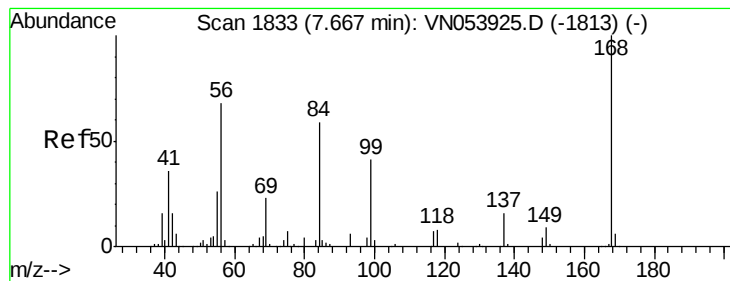
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053955.D

Acq: 26 Feb 2019 15:17

Instrument :

MSVOA_N

ClientSampled :

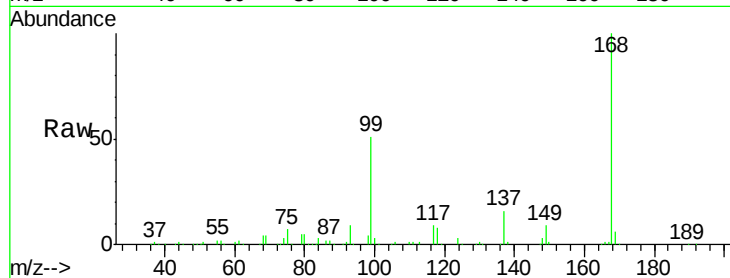
TP-22

Tot Ion:168 Resp: 607261

Ion Ratio Lower Upper

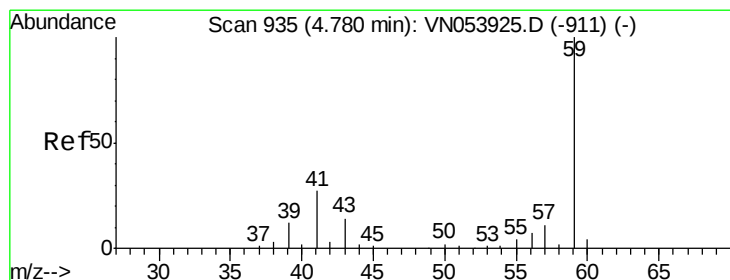
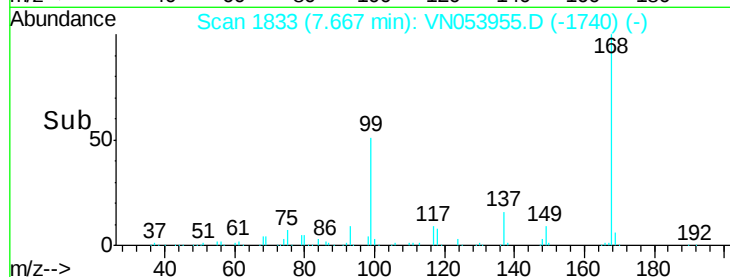
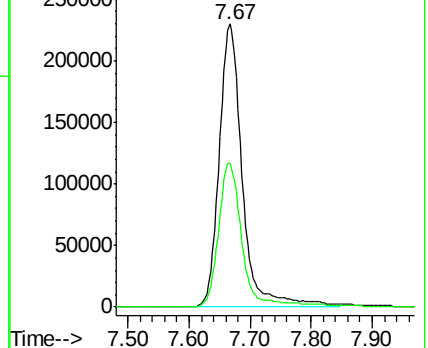
168 100

99 50.6 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053925.D

Ion 98.90 (98.60 to 99.60): VN053925.D



#11

Tert butyl alcohol

Concen: 1.369 ug/l

RT: 4.79 min Scan# 938

Delta R.T. 0.01 min

Lab File: VN053955.D

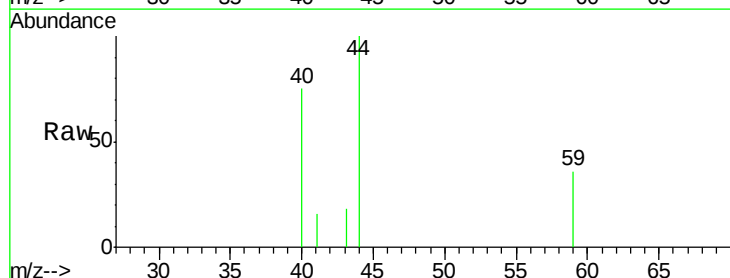
Acq: 26 Feb 2019 15:17

Tgt Ion: 59 Resp: 618

Ion Ratio Lower Upper

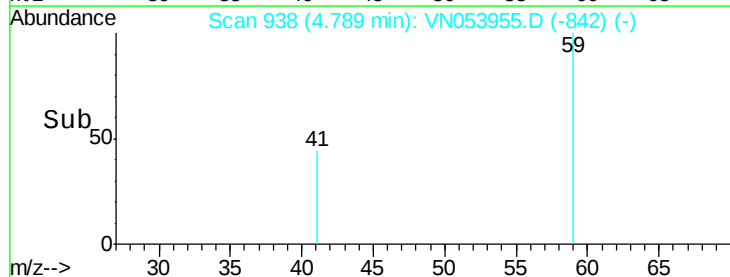
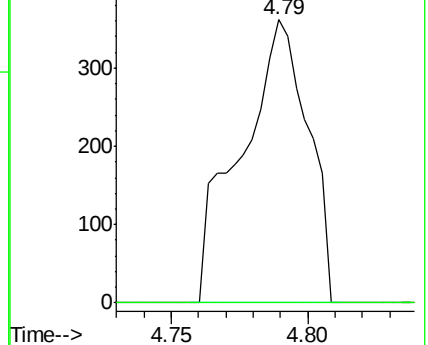
59 100

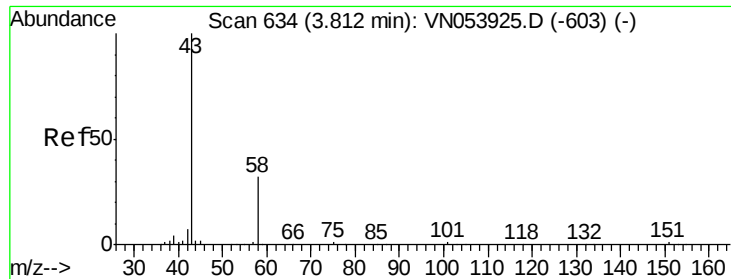
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN053925.D

Ion 57.00 (56.70 to 57.70): VN053925.D





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053955.D

Acq: 26 Feb 2019 15:17

Instrument :

MSVOA_N

ClientSampled :

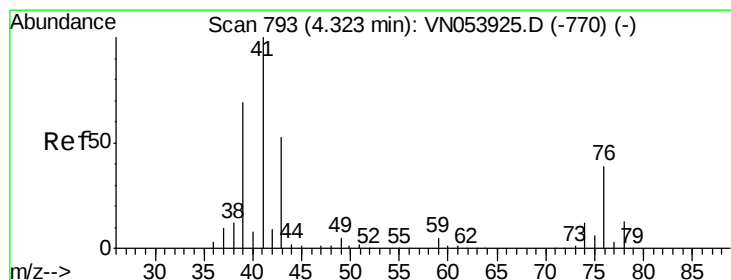
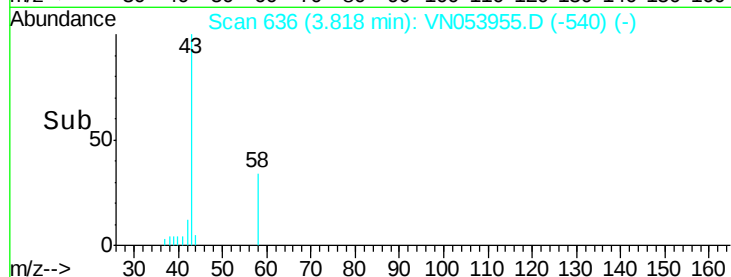
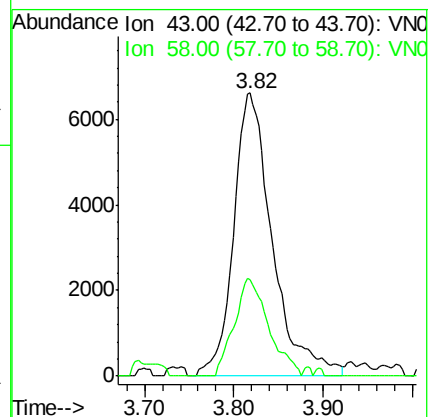
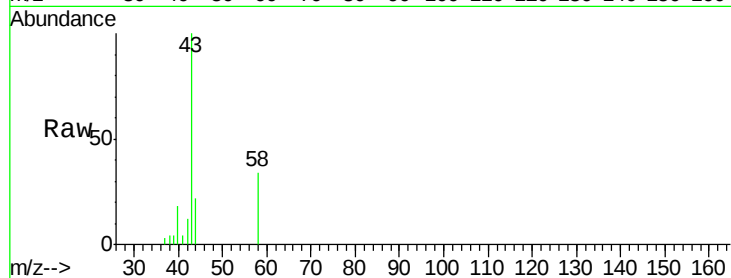
TP-22

Tot Ion: 43 Resp: 19952

Ion Ratio Lower Upper

43 100

58 34.1 27.6 41.4



#18

Methyl Acetate

Concen: 0.783 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN053955.D

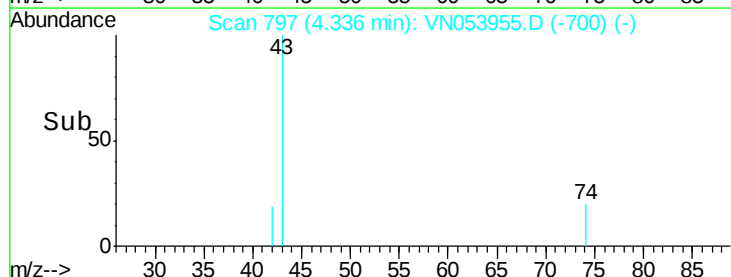
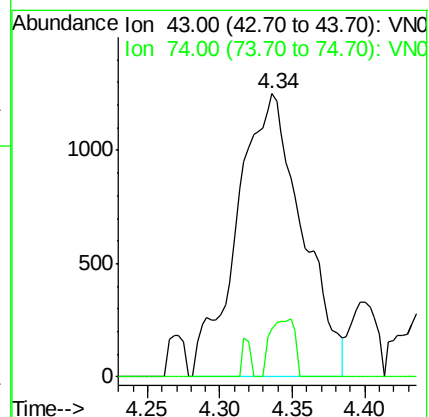
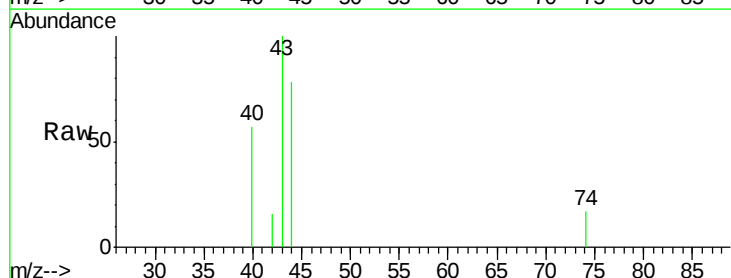
Acq: 26 Feb 2019 15:17

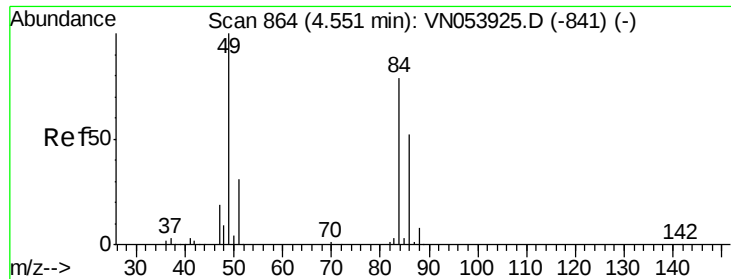
Tgt Ion: 43 Resp: 3897

Ion Ratio Lower Upper

43 100

74 7.8 20.5 30.7#

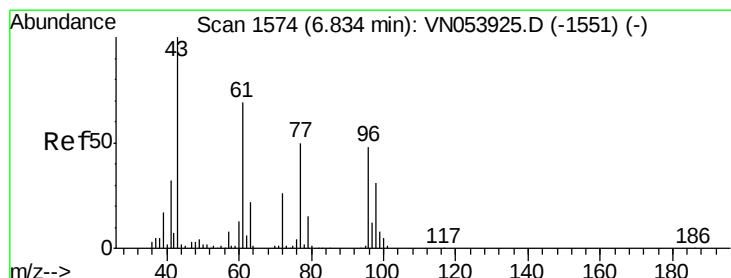
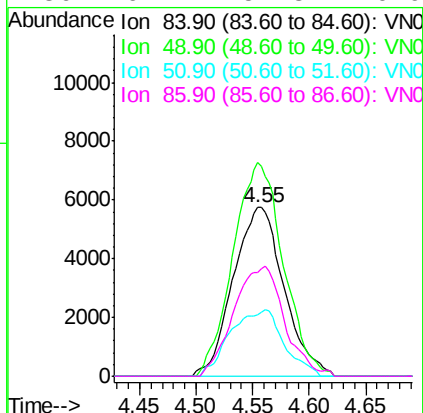
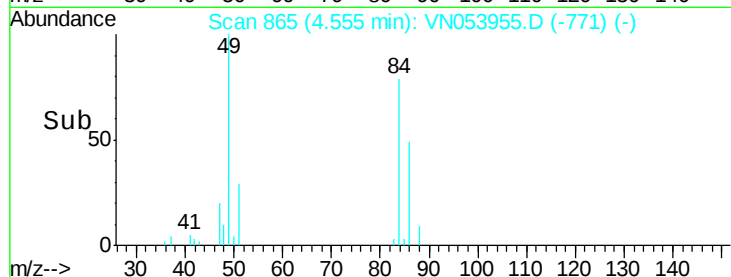
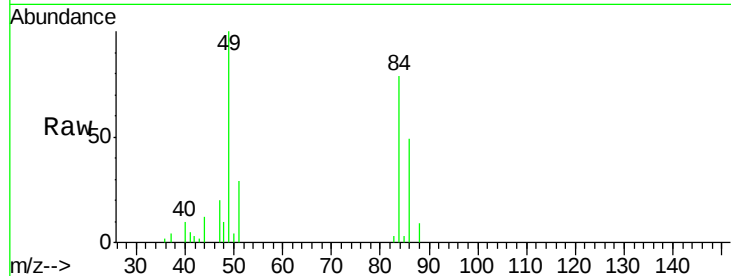




#20
Methvlene Chloride
Concen: 2.539 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053955.D
Acq: 26 Feb 2019 15:17

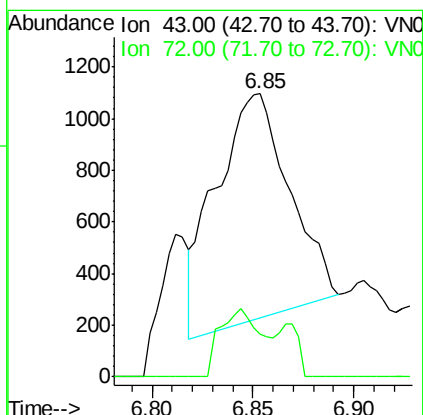
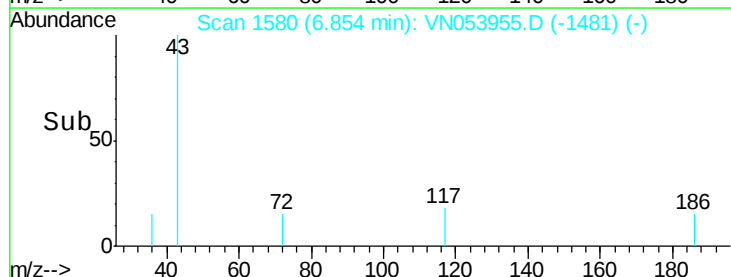
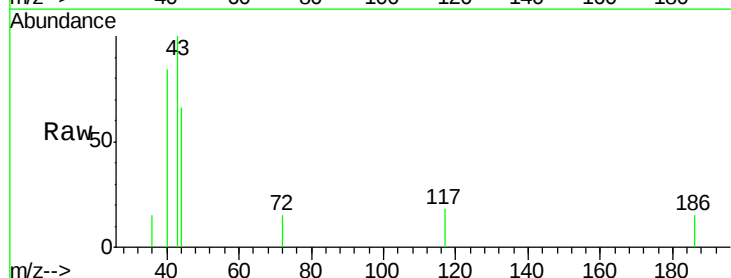
Instrument :
MSVOA_N
ClientSampled :
TP-22

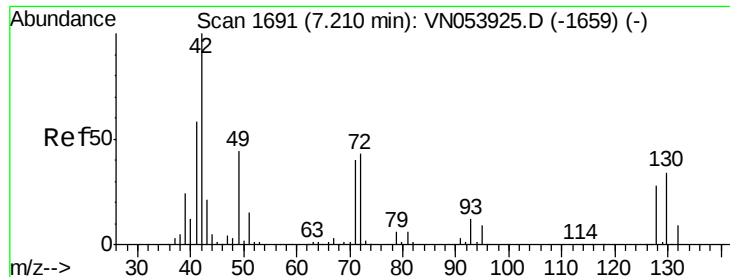
Tot Ion: 84 Resp: 17891
Ion Ratio Lower Upper
84 100
49 126.4 89.7 134.5
51 36.3 27.8 41.8
86 61.7 51.3 76.9



#25
2-Butanone
Concen: 0.799 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN053955.D
Acq: 26 Feb 2019 15:17

Tgt Ion: 43 Resp: 2233
Ion Ratio Lower Upper
43 100
72 21.4 22.1 33.1#





#29

Tetrahydrofuran

Concen: 0.328 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VN053955.D

Acq: 26 Feb 2019 15:17

Instrument :

MSVOA_N

ClientSampled :

TP-22

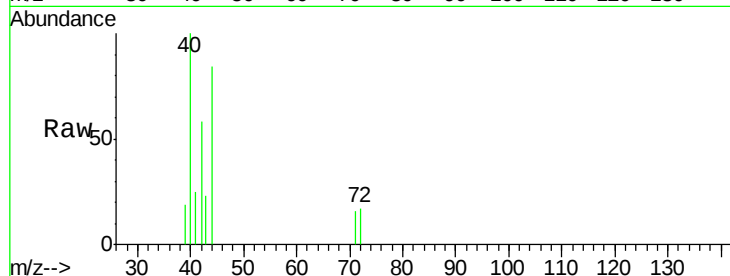
Tot Ion: 42 Resp: 610

Ion Ratio Lower Upper

42 100

72 10.7 36.9 55.3#

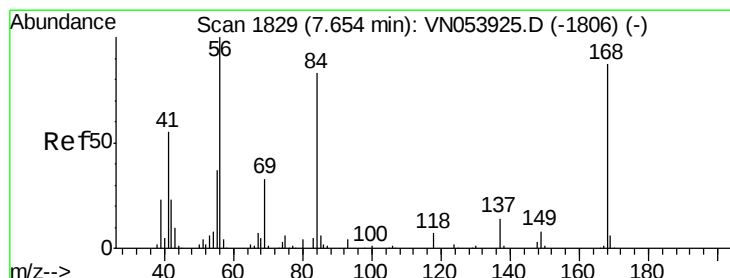
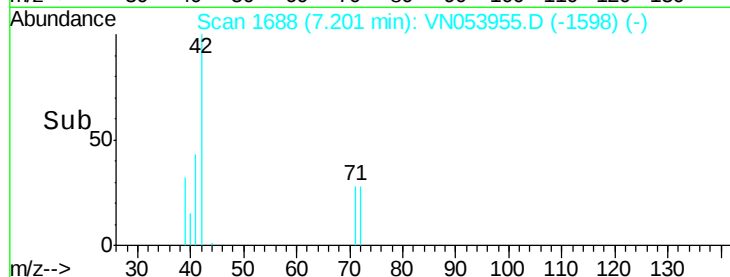
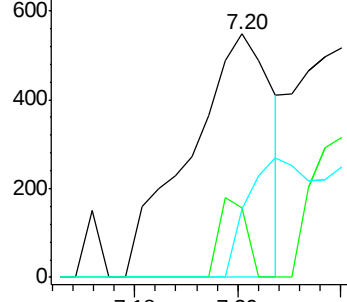
71 35.6 34.6 52.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.580 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053955.D

Acq: 26 Feb 2019 15:17

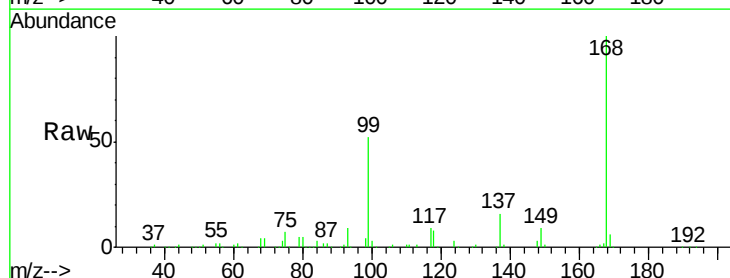
Tgt Ion: 56 Resp: 11215

Ion Ratio Lower Upper

56 100

69 179.1 26.0 39.0#

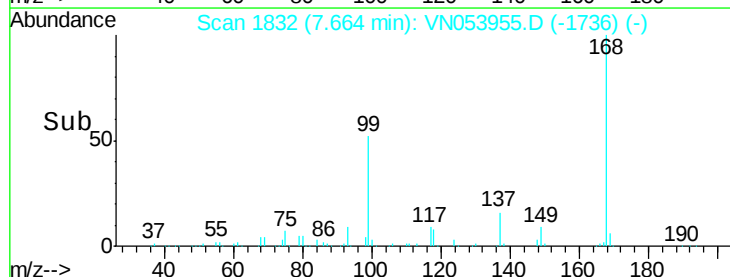
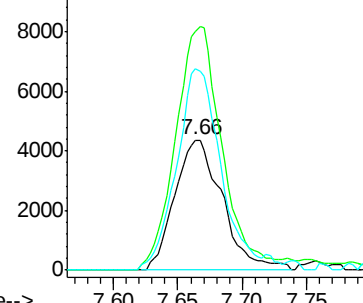
84 150.7 69.1 103.7#

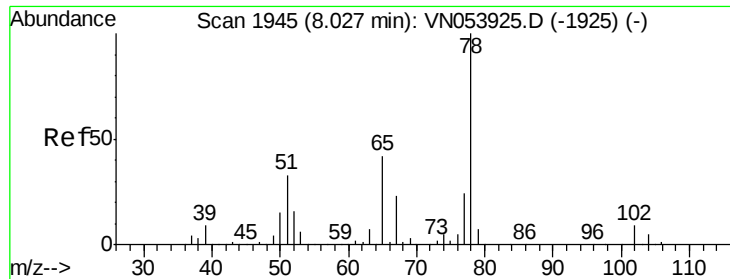


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

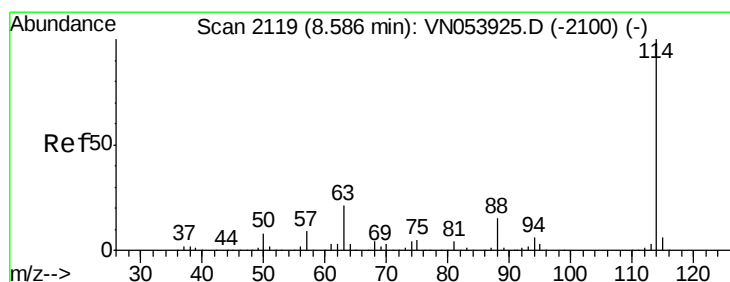
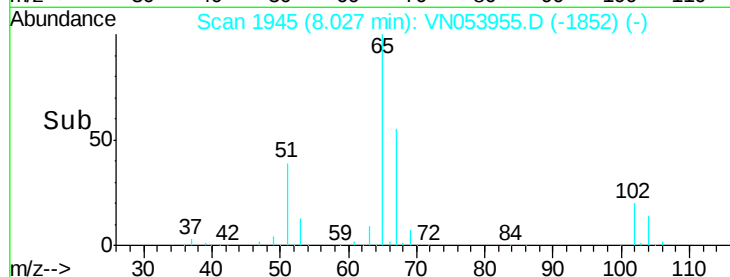
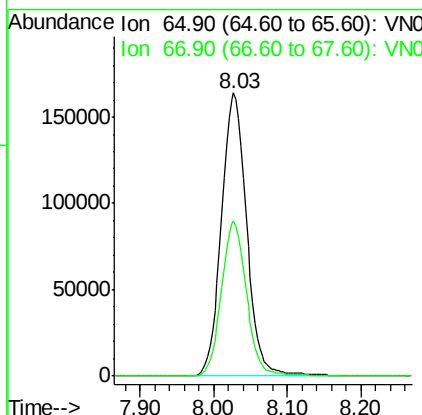
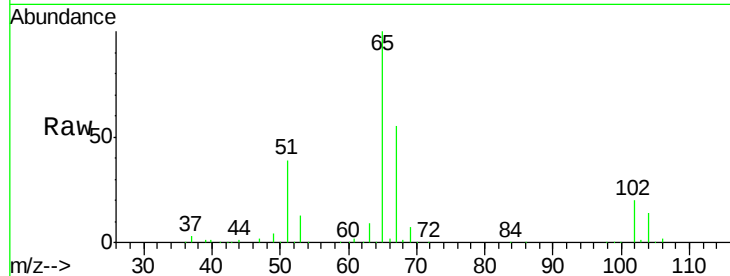




#33
 1,2-Dichloroethane-d4
 Concen: 54.926 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053955.D
 Acq: 26 Feb 2019 15:17

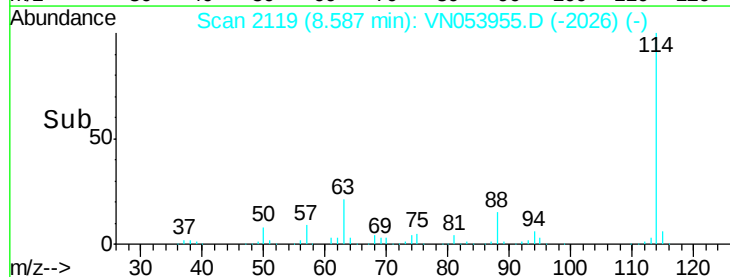
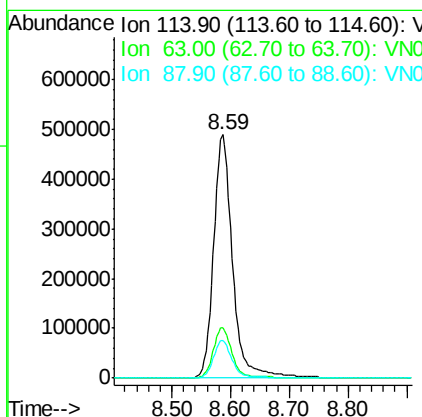
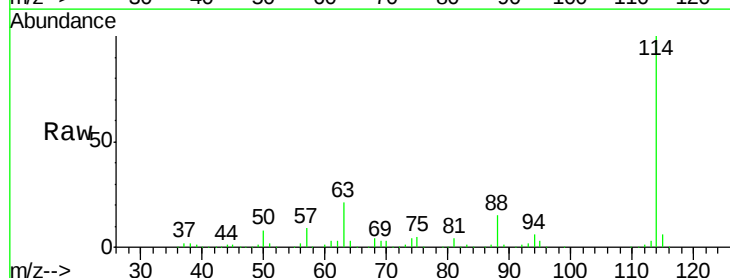
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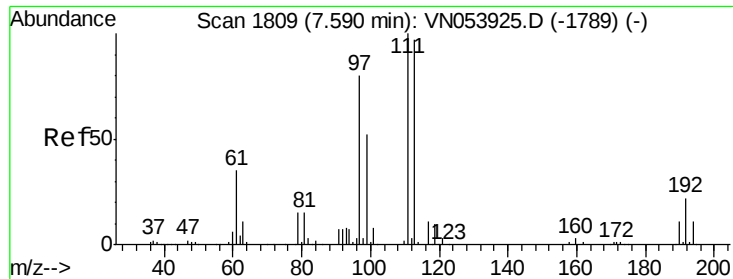
Tot Ion: 65 Resp: 390985
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053955.D
 Acq: 26 Feb 2019 15:17

Tgt Ion: 114 Resp: 1096698
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 37.4
 88 15.4 0.0 30.4

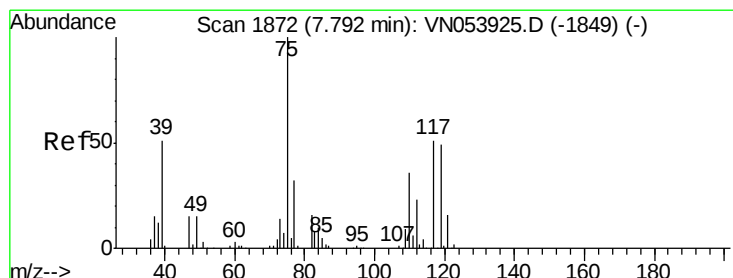
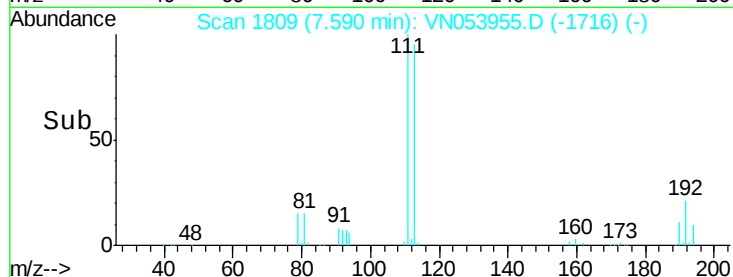
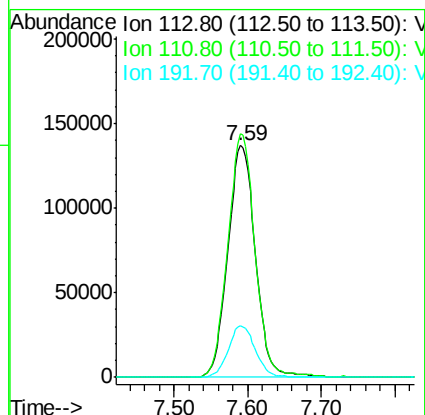
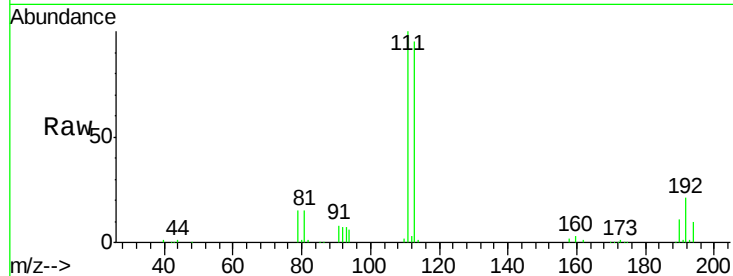




#35
Dibromofluoromethane
Concen: 50.322 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN053955.D
Acq: 26 Feb 2019 15:17

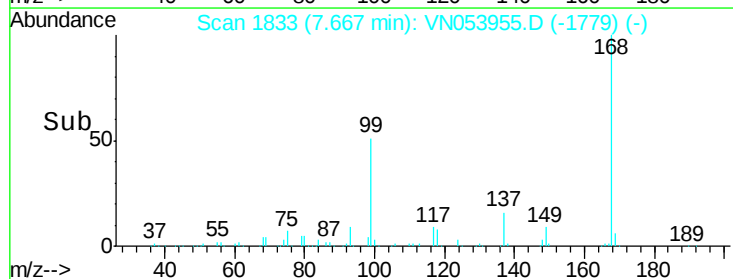
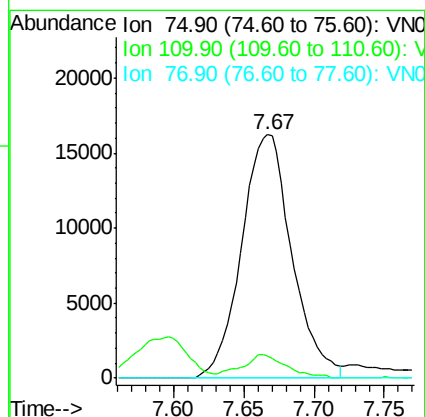
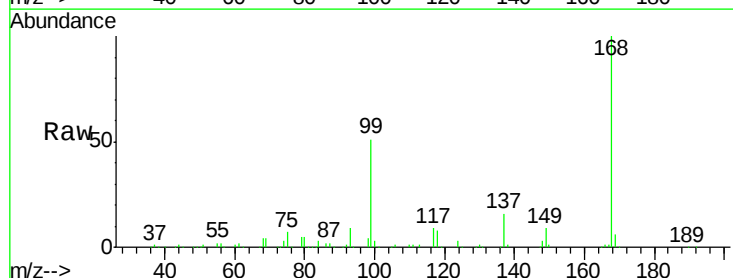
Instrument :
MSVOA_N
ClientSampleId :
TP-22

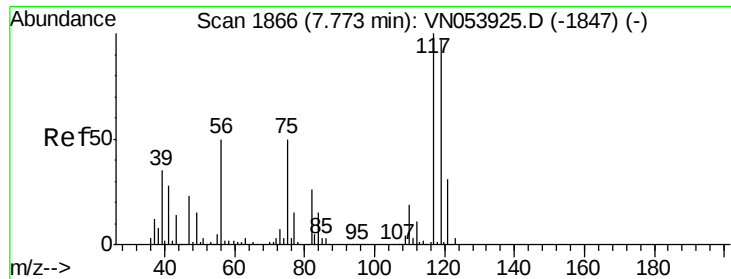
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.1	121.7
192	21.9	18.8	28.2



#36
1,1-Dichloropropene
Concen: 3.972 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053955.D
Acq: 26 Feb 2019 15:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.0	57.0#
77	0.0	25.4	38.0#





#38

Carbon Tetrachloride

Concen: 4.880 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053955.D

Acq: 26 Feb 2019 15:17

Instrument :

MSVOA_N

ClientSampled :

TP-22

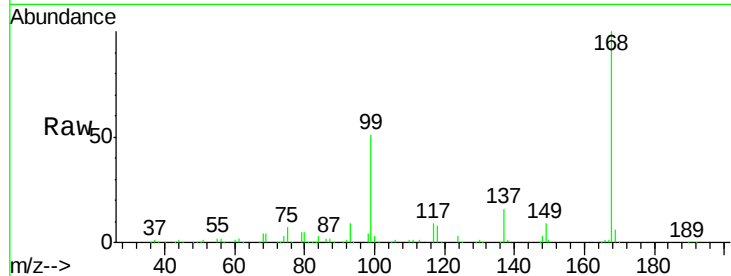
Tot Ion:117 Resp: 51768

Ion Ratio Lower Upper

117 100

119 5.1 76.2 114.2#

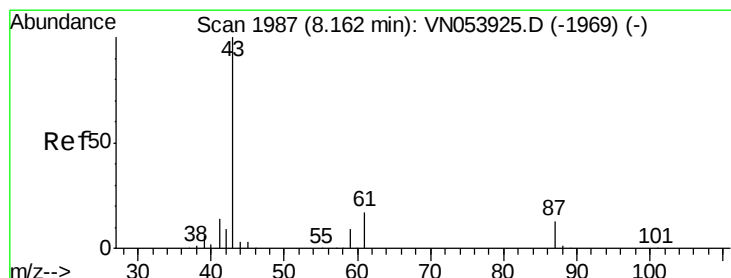
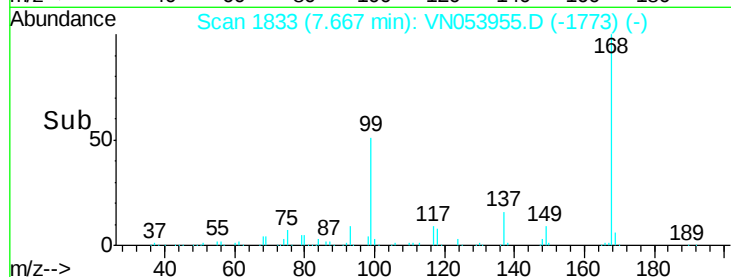
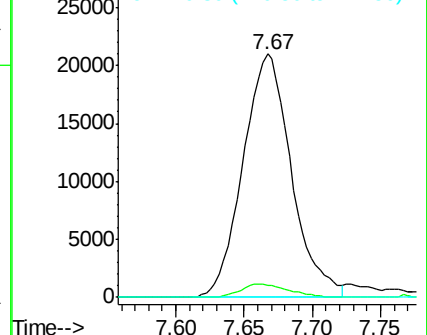
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 3.202 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053955.D

Acq: 26 Feb 2019 15:17

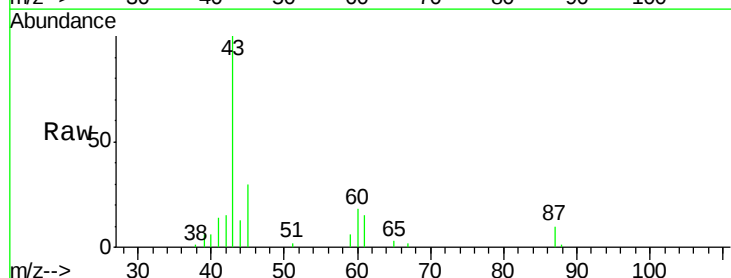
Tgt Ion: 43 Resp: 39374

Ion Ratio Lower Upper

43 100

61 15.1 17.4 26.0#

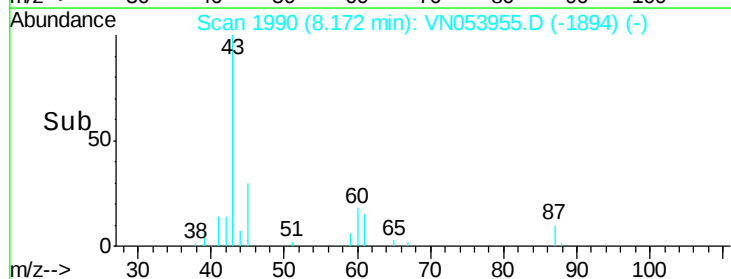
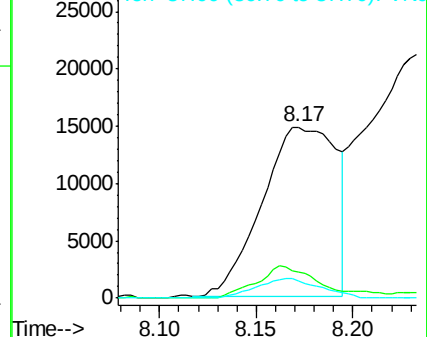
87 9.9 11.5 17.3#

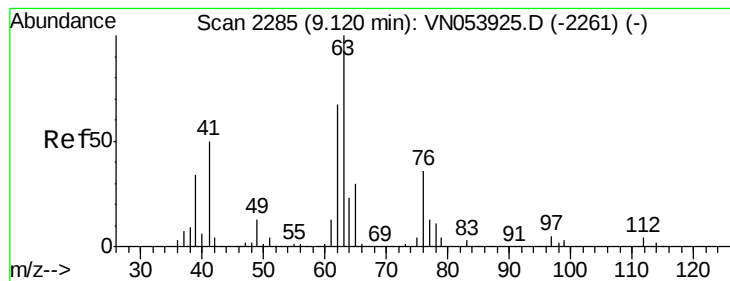


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.225 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.15 min

Lab File: VN053955.D

Acq: 26 Feb 2019 15:17

Instrument :

MSVOA_N

ClientSampled :

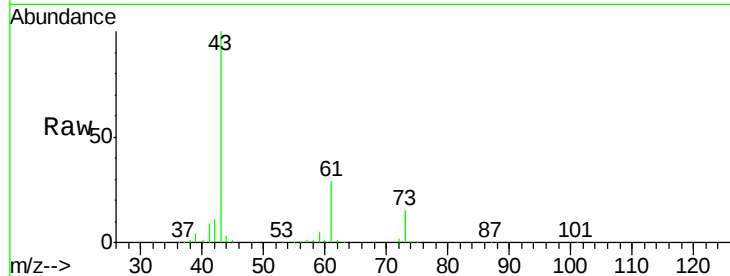
TP-22

Tot Ion: 63 Resp: 1901

Ion Ratio Lower Upper

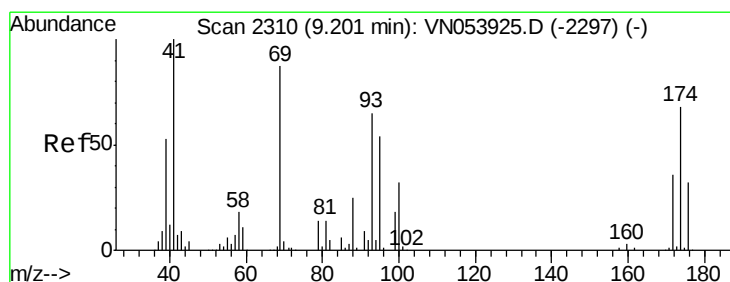
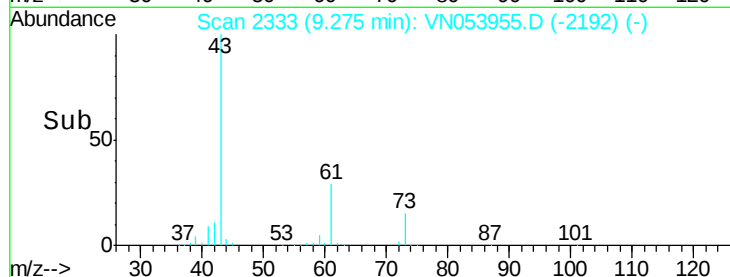
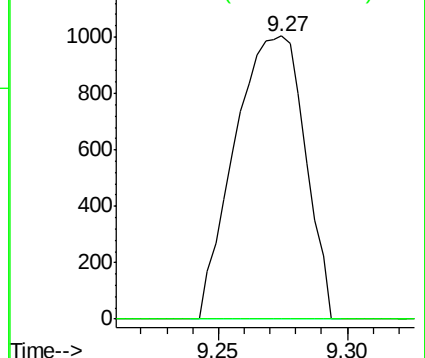
63 100

65 0.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 1.983 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN053955.D

Acq: 26 Feb 2019 15:17

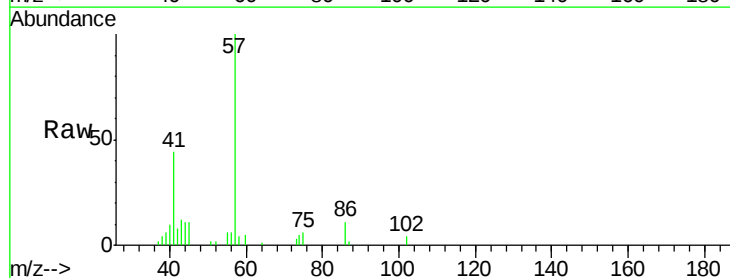
Tgt Ion: 41 Resp: 11213

Ion Ratio Lower Upper

41 100

69 0.0 74.8 112.2#

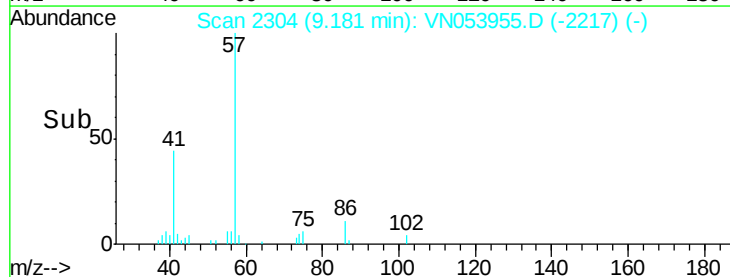
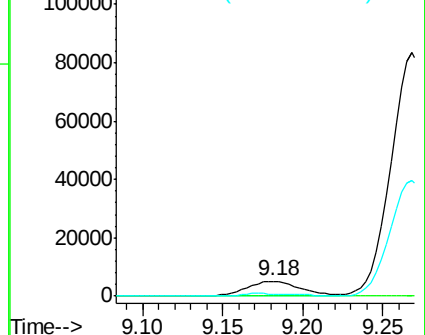
39 0.0 39.0 58.6#

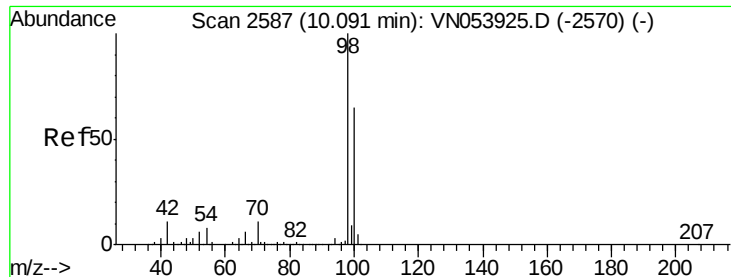


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 52.197 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053955.D

Acq: 26 Feb 2019 15:17

Instrument :

MSVOA_N

ClientSampled :

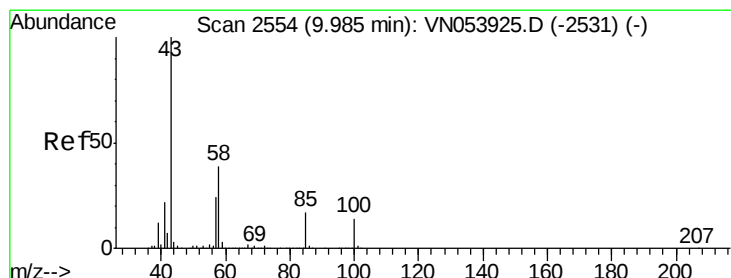
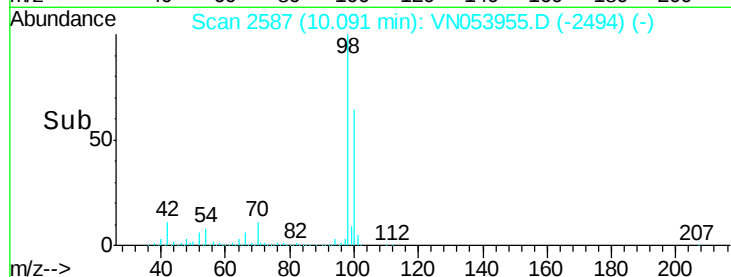
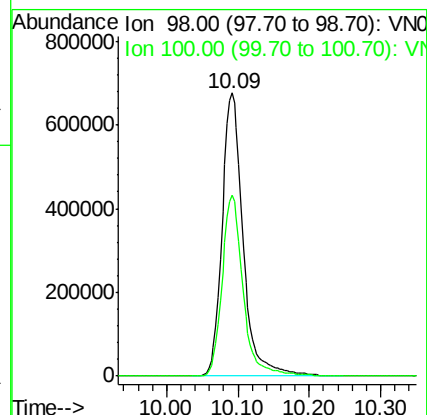
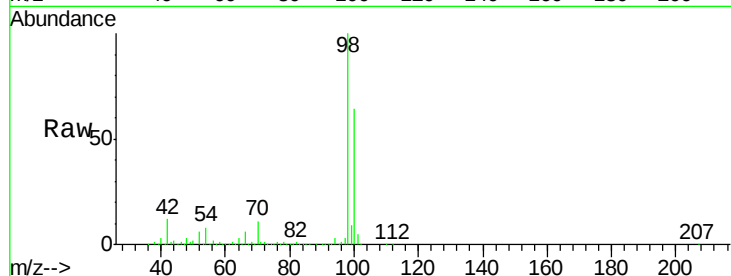
TP-22

Tot Ion: 98 Resp: 1377993

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 1.738 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053955.D

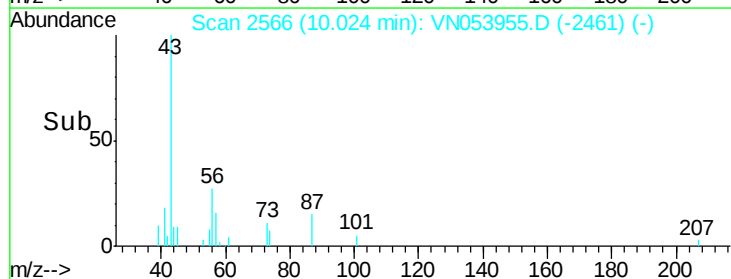
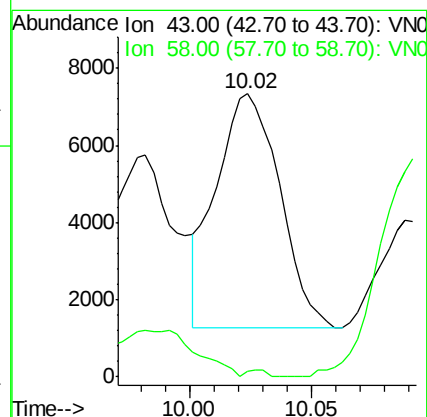
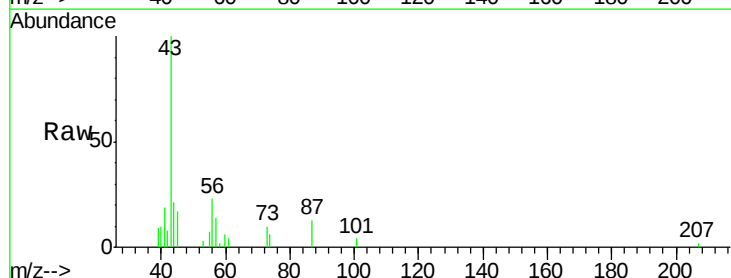
Acq: 26 Feb 2019 15:17

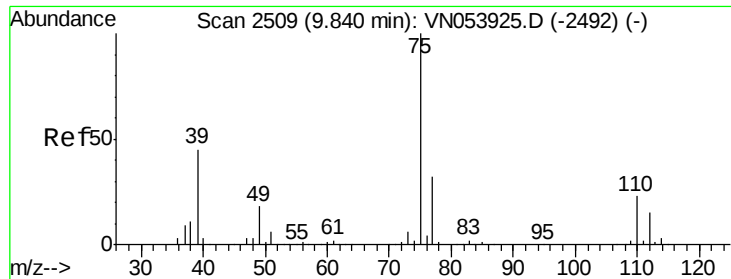
Tgt Ion: 43 Resp: 10981

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#





#54

cis-1,3-Dichloropropene

Concen: 6.489 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053955.D

Acq: 26 Feb 2019 15:17

Instrument :

MSVOA_N

ClientSampled :

TP-22

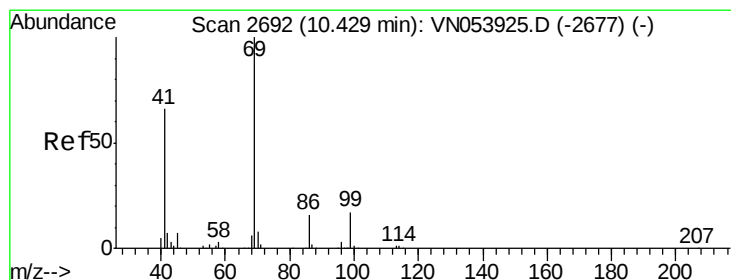
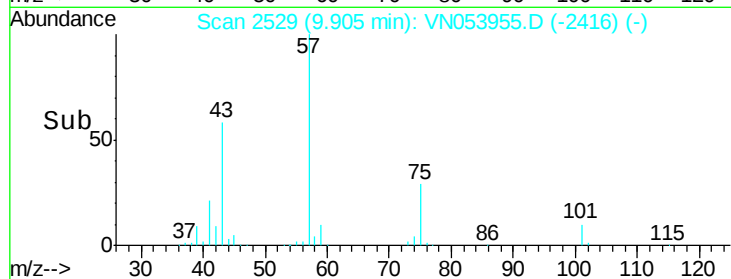
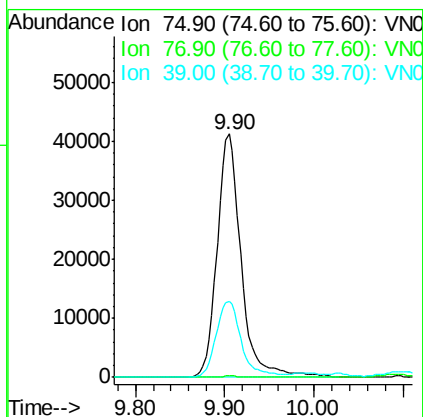
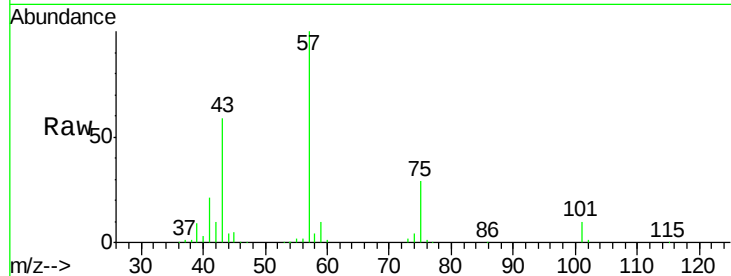
Tot Ion: 75 Resp: 76984

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

39 31.0 31.4 47.0#



#56

Ethyl methacrylate

Concen: 2.120 ug/l

RT: 10.54 min Scan# 2726

Delta R.T. 0.11 min

Lab File: VN053955.D

Acq: 26 Feb 2019 15:17

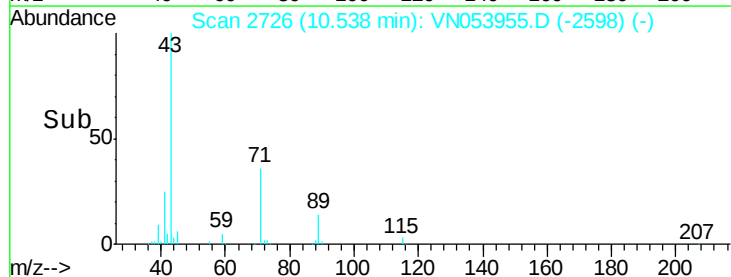
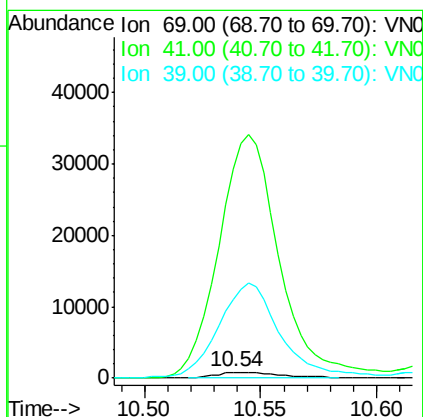
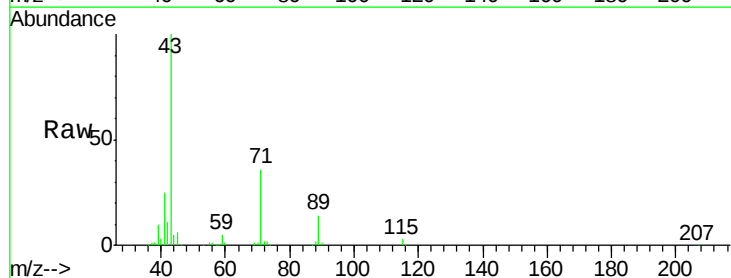
Tgt Ion: 69 Resp: 1550

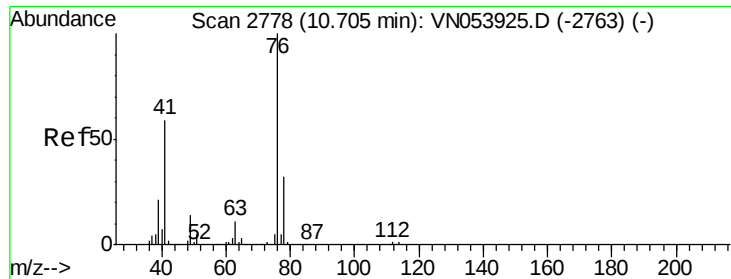
Ion Ratio Lower Upper

69 100

41 4025.9 47.5 71.3#

39 1599.9 23.4 35.0#





#57

1,3-Dichloropropane

Concen: 1.207 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053955.D

Acq: 26 Feb 2019 15:17

Instrument :

MSVOA_N

ClientSampleId :

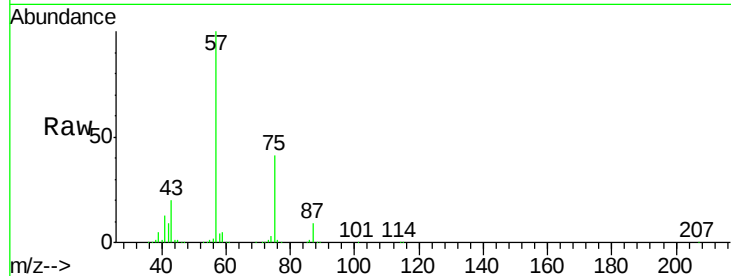
TP-22

Tot Ion: 76 Resp: 14047

Ion Ratio Lower Upper

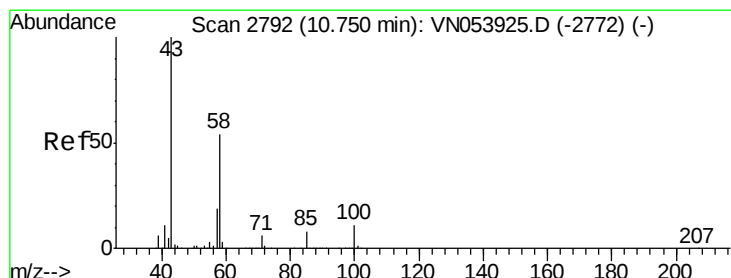
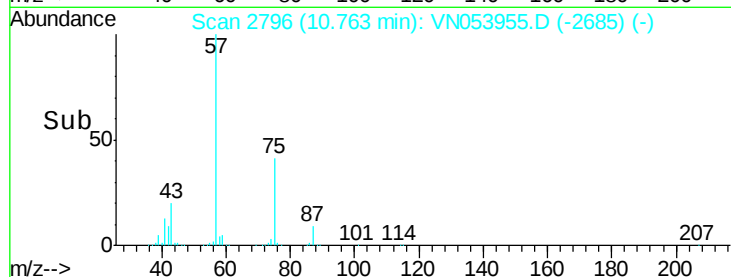
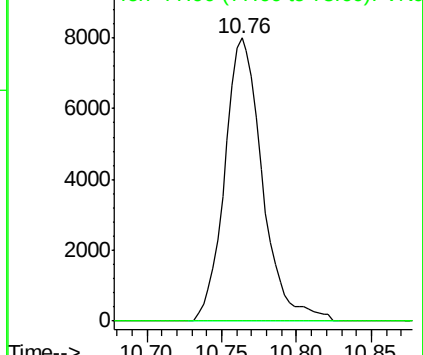
76 100

78 0.0 25.2 37.8#



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#59

2-Hexanone

Concen: 49.995 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN053955.D

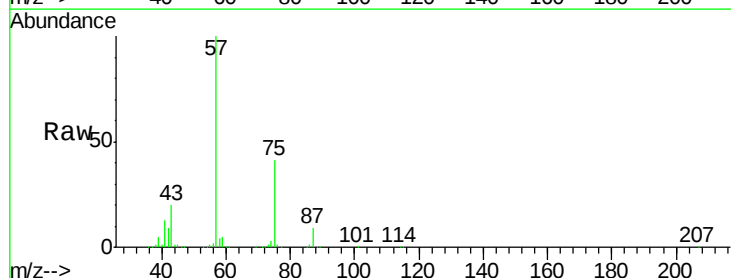
Acq: 26 Feb 2019 15:17

Tgt Ion: 43 Resp: 205447

Ion Ratio Lower Upper

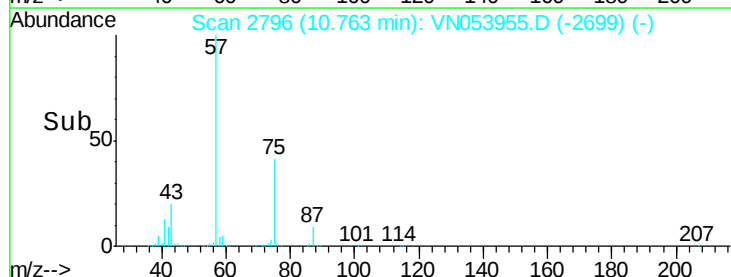
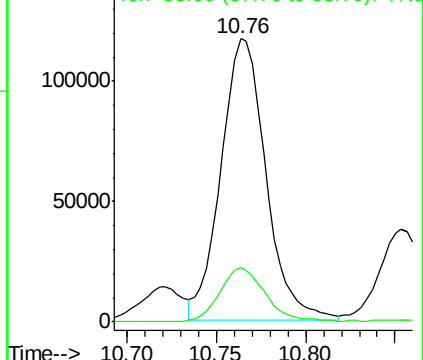
43 100

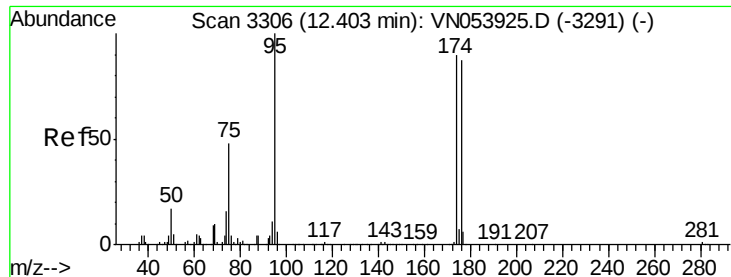
58 19.5 29.1 87.4#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#62

4-Bromofluorobenzene

Concen: 51.412 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053955.D

Acq: 26 Feb 2019 15:17

Instrument :

MSVOA_N

ClientSampleId :

TP-22

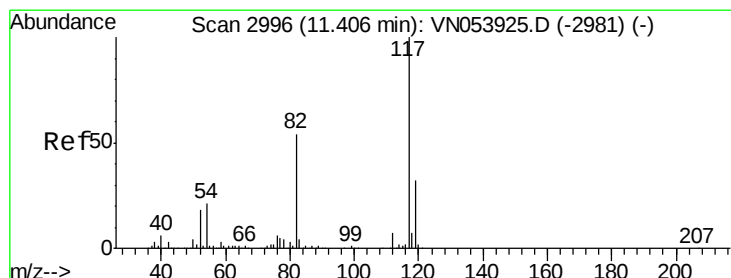
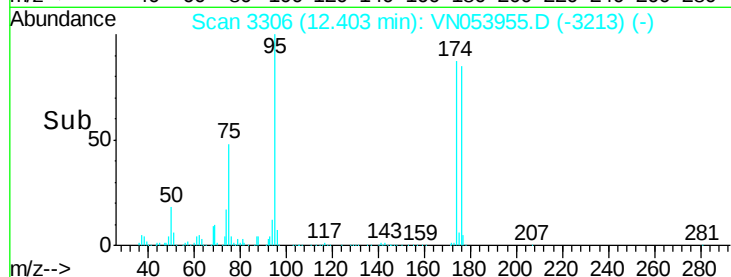
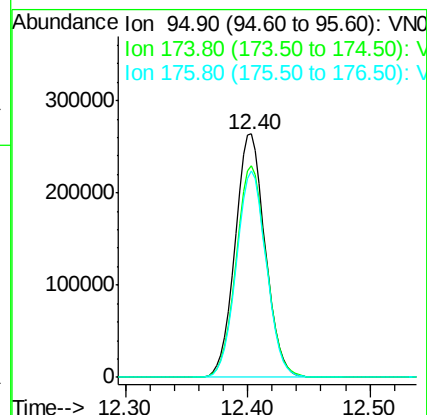
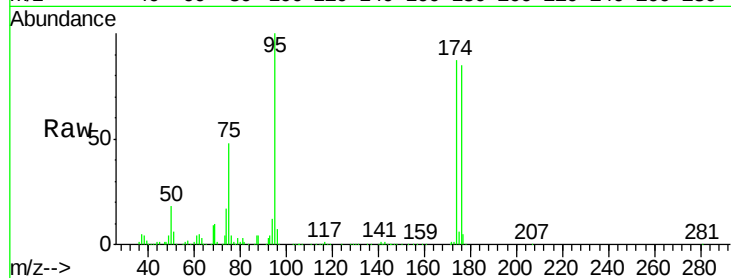
Tot Ion: 95 Resp: 452208

Ion Ratio Lower Upper

95 100

174 87.7 0.0 188.8

176 84.3 0.0 182.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053955.D

Acq: 26 Feb 2019 15:17

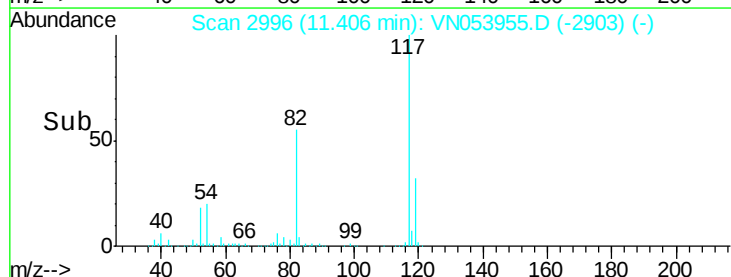
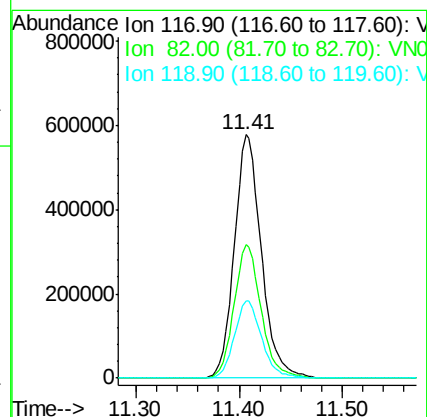
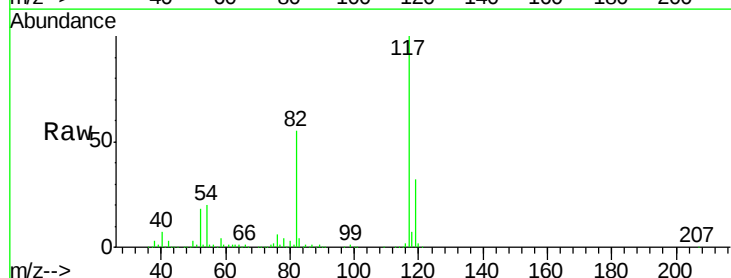
Tgt Ion: 117 Resp: 1053954

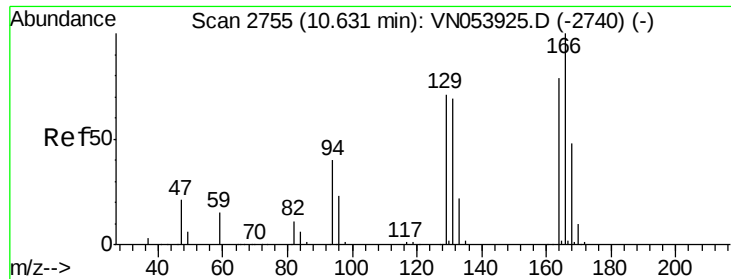
Ion Ratio Lower Upper

117 100

82 54.8 41.4 62.2

119 31.9 25.3 37.9

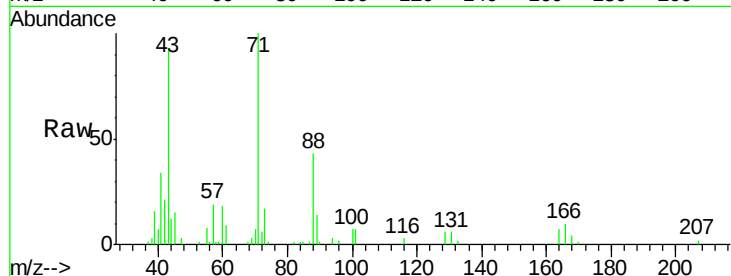




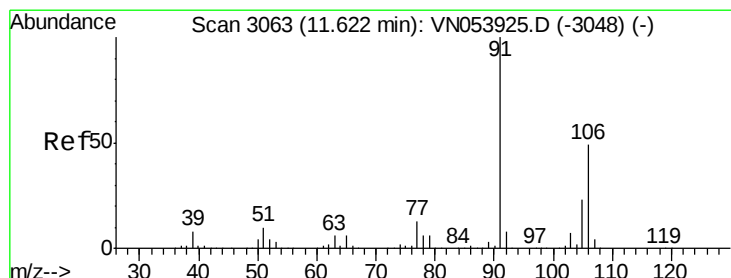
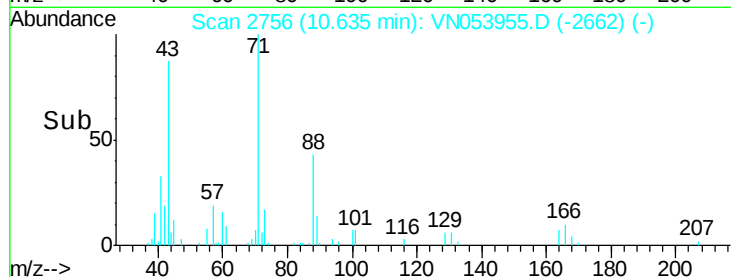
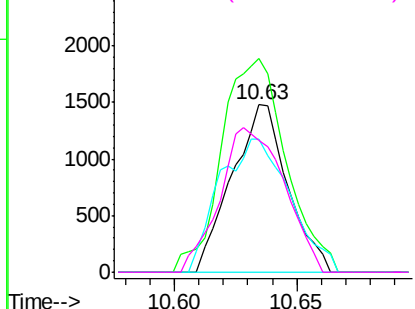
#64
Tetrachloroethene
Concen: 0.262 ug/l
RT: 10.63 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN053955.D
Acq: 26 Feb 2019 15:17

Instrument :
MSVOA_N
ClientSampleId :
TP-22

Tot Ion:164 Resp: 2337
Ion Ratio Lower Upper
164 100
166 127.6 102.6 153.8
129 79.2 69.4 104.0
131 79.0 68.1 102.1

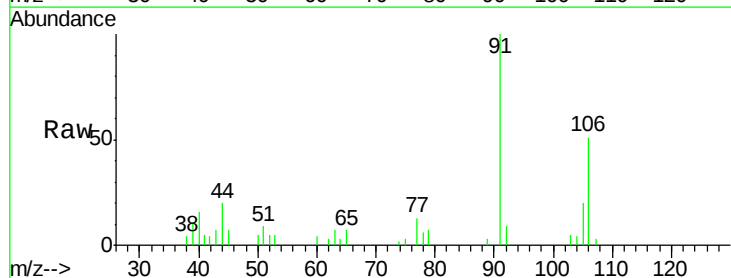


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

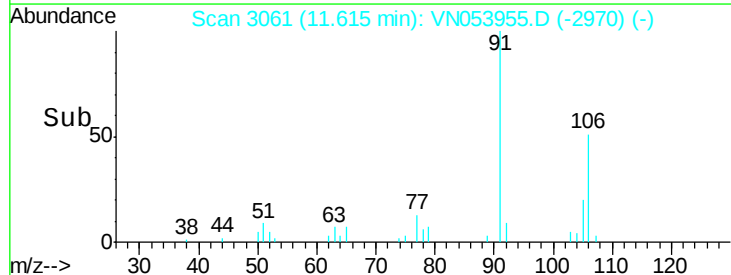
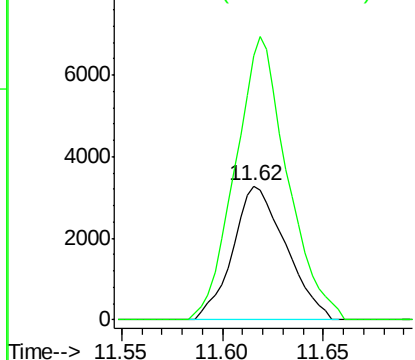


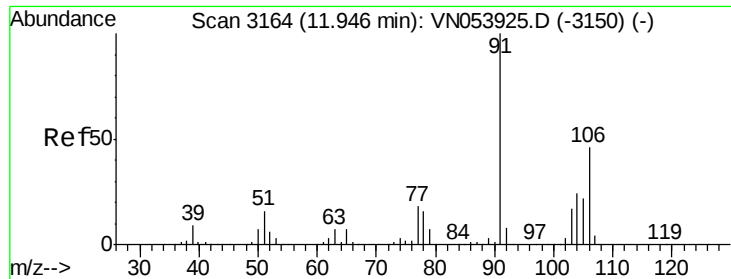
#68
m/p-Xylenes
Concen: 0.427 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053955.D
Acq: 26 Feb 2019 15:17

Tgt Ion:106 Resp: 6016
Ion Ratio Lower Upper
106 100
91 208.5 158.9 238.3



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

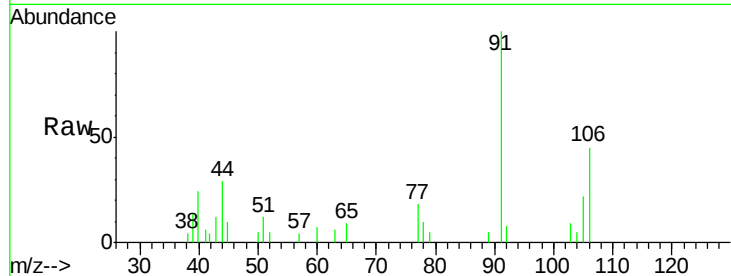




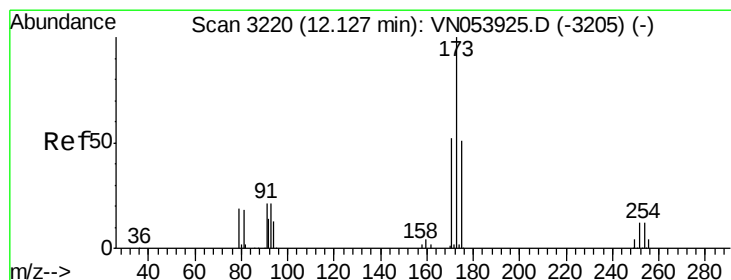
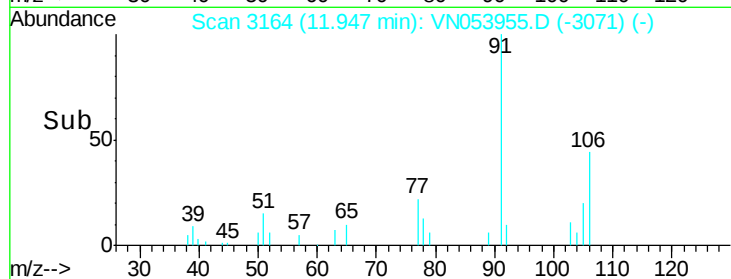
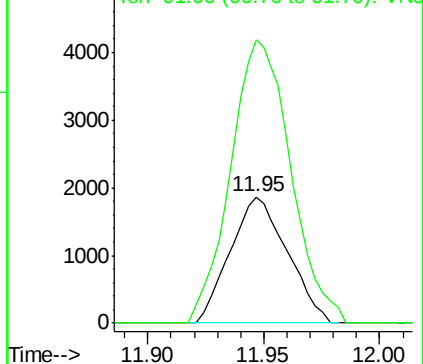
#69
o-Xylene
Concen: 0.231 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053955.D
Acq: 26 Feb 2019 15:17

Instrument :
MSVOA_N
ClientSampled :
TP-22

Tot Ion:106 Resp: 3197
Ion Ratio Lower Upper
106 100
91 235.3 106.0 318.0

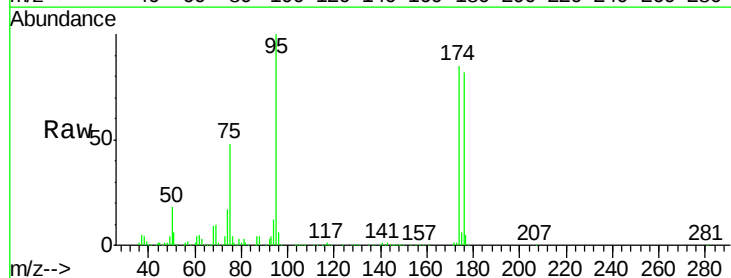


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

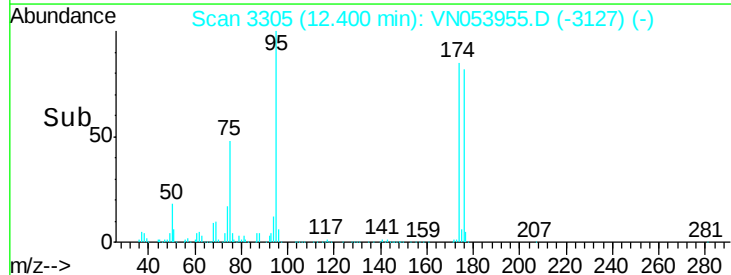
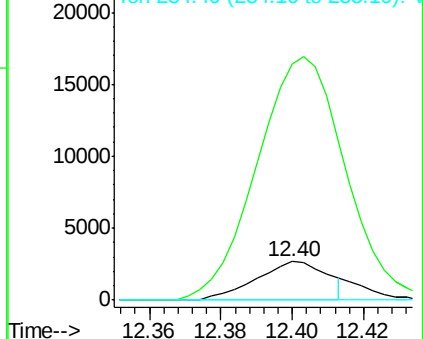


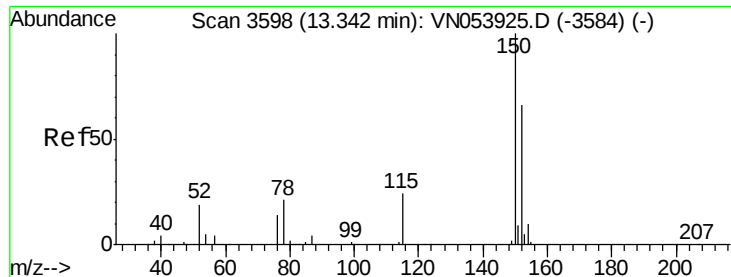
#71
Bromoform
Concen: 0.663 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053955.D
Acq: 26 Feb 2019 15:17

Tgt Ion:173 Resp: 3696
Ion Ratio Lower Upper
173 100
175 669.3 24.3 72.8#
254 0.0 0.2 0.2#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053955.D

Acq: 26 Feb 2019 15:17

Instrument :

MSVOA_N

ClientSampled :

TP-22

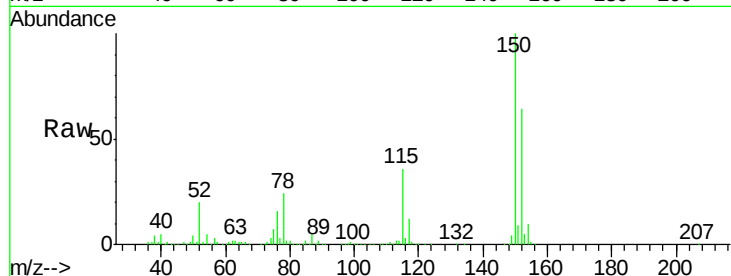
Tot Ion:152 Resp: 388225

Ion Ratio Lower Upper

152 100

115 57.3 27.2 81.6

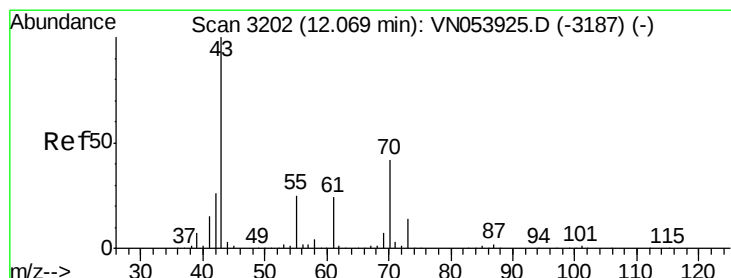
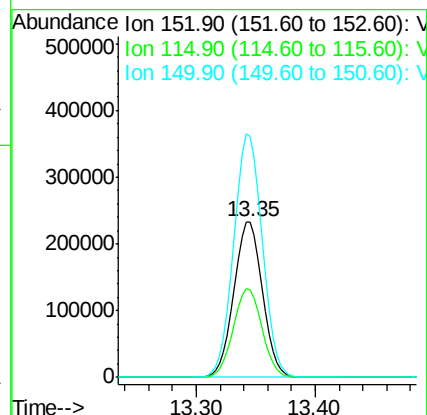
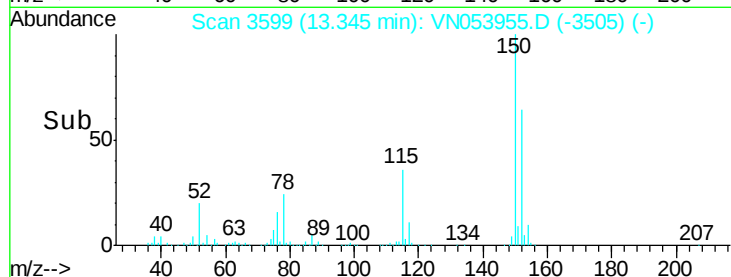
150 156.7 0.0 348.2



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: 2.399 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053955.D

Acq: 26 Feb 2019 15:17

Tgt Ion: 43 Resp: 19003

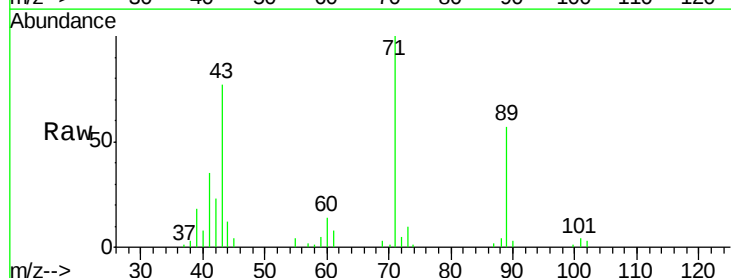
Ion Ratio Lower Upper

43 100

70 1.6 37.4 56.2#

55 4.9 21.4 32.0#

61 9.7 20.9 31.3#

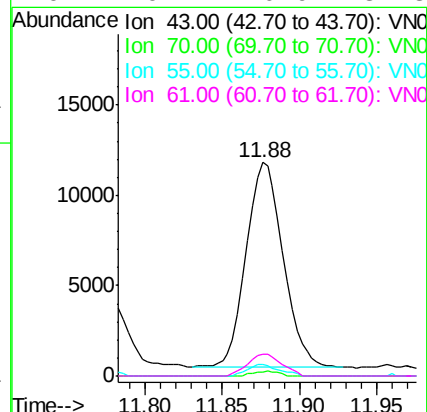
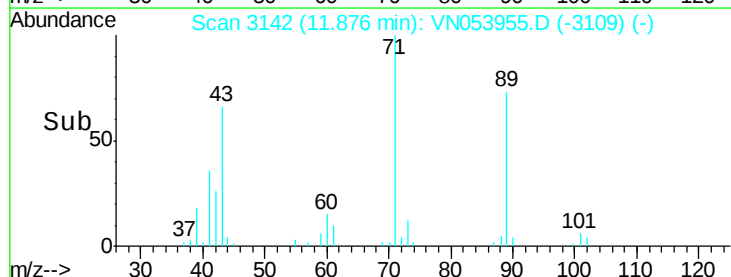


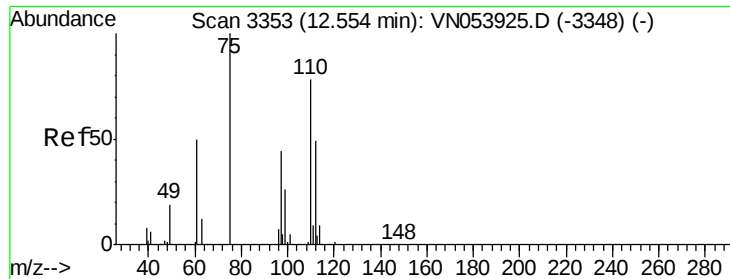
Abundance Ion 43.00 (42.70 to 43.70): V

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

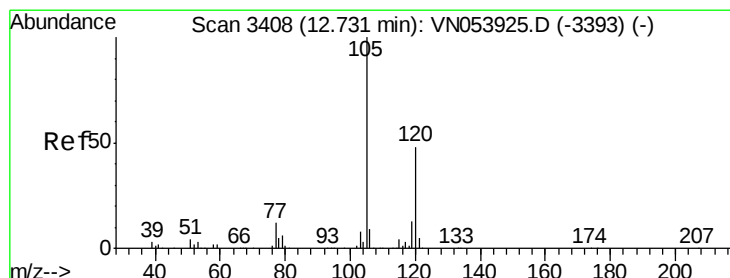
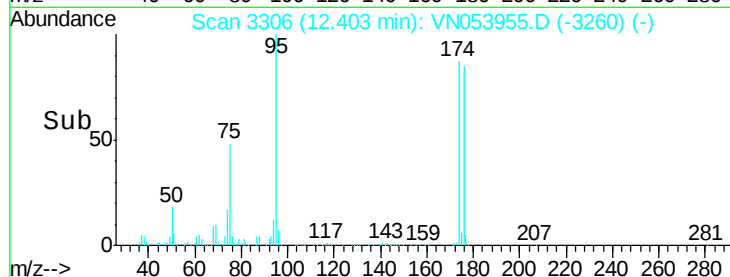
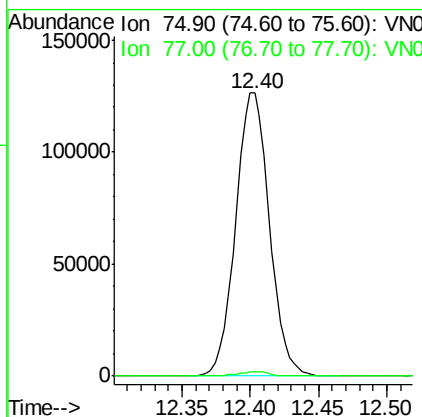
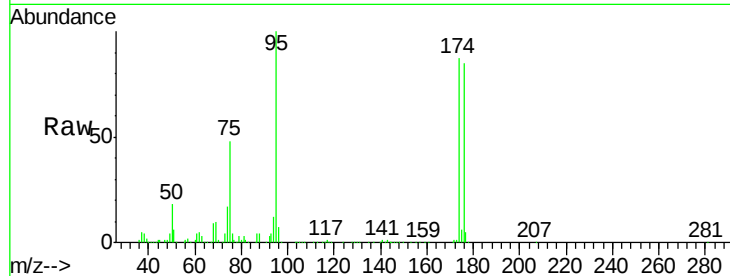




#76
 1,2,3-Trichloropropane
 Concen: 34.871 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN053955.D
 Acq: 26 Feb 2019 15:17

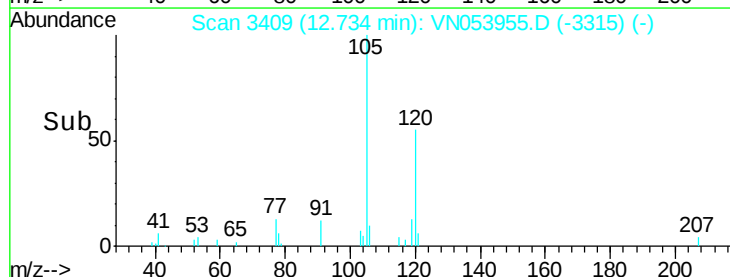
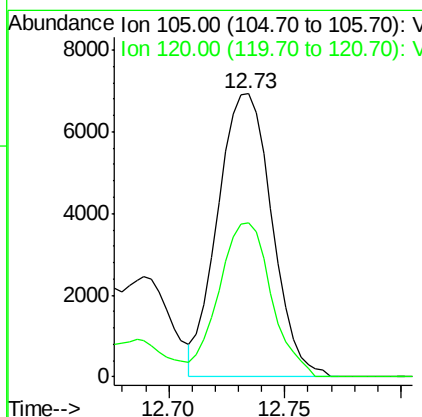
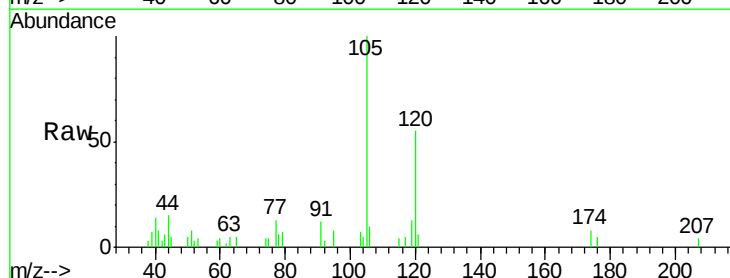
Instrument :
 MSVOA_N
 ClientSampled :
 TP-22

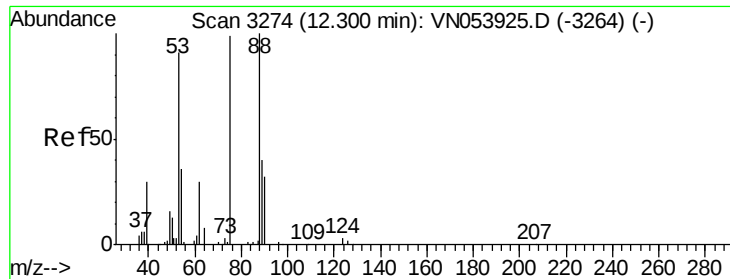
Tot Ion: 75 Resp: 217171
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.455 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053955.D
 Acq: 26 Feb 2019 15:17

Tgt Ion: 105 Resp: 11266
 Ion Ratio Lower Upper
 105 100
 120 52.5 25.1 75.2

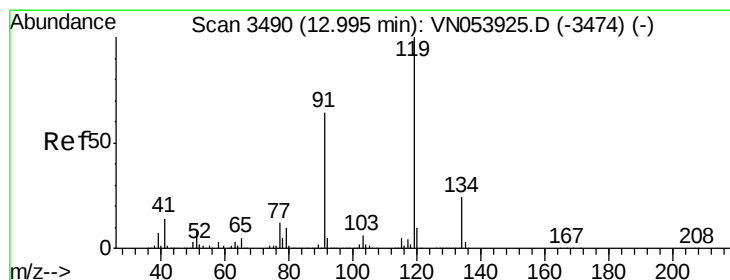
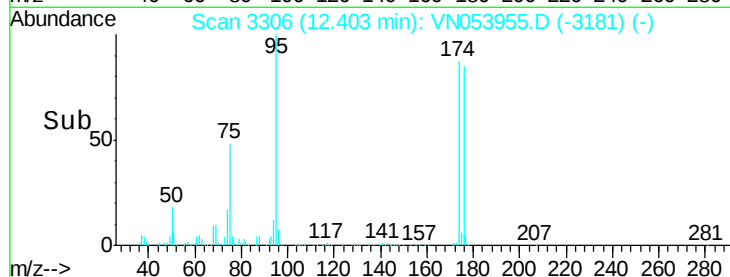
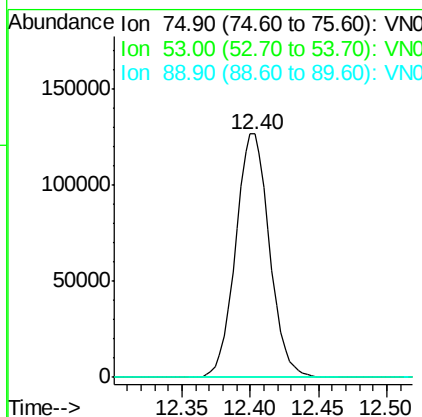
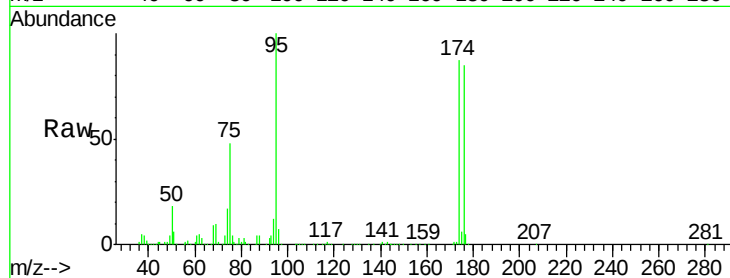




#81
trans-1,4-Dichloro-2-butene
Concen: 110.215 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN053955.D
Acq: 26 Feb 2019 15:17

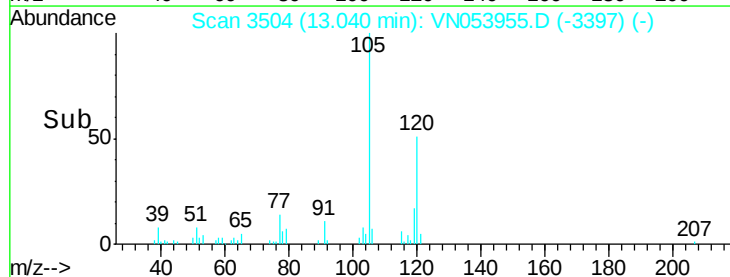
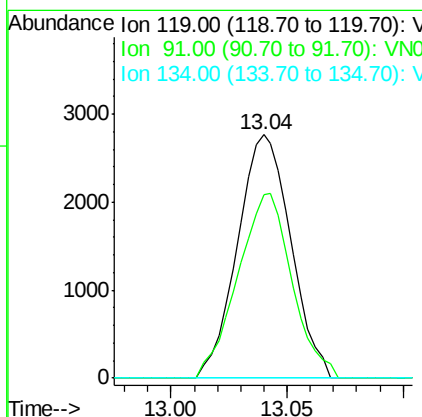
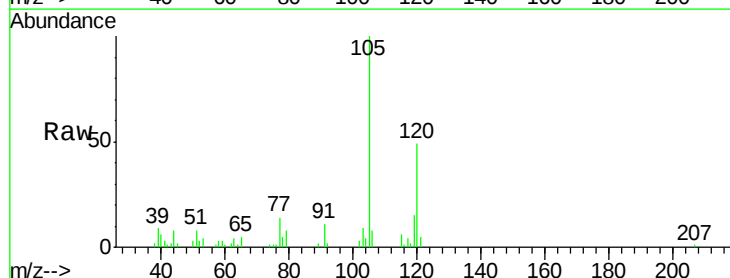
Instrument :
MSVOA_N
ClientSampleId :
TP-22

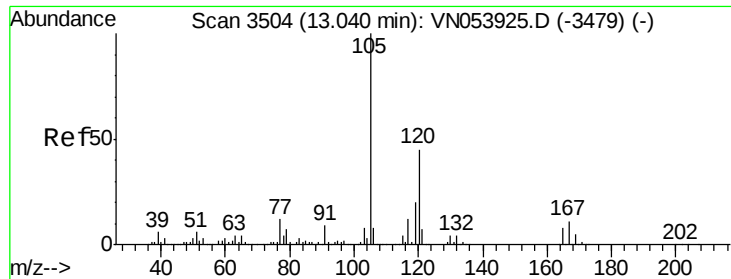
Tot Ion: 75 Resp: 217171
Ion Ratio Lower Upper
75 100
53 0.0 68.6 102.8#
89 0.0 35.3 52.9#



#83
tert-Butylbenzene
Concen: 0.201 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN053955.D
Acq: 26 Feb 2019 15:17

Tgt Ion: 119 Resp: 4404
Ion Ratio Lower Upper
119 100
91 77.3 30.6 91.8
134 0.0 13.0 39.0#





#84

1,2,4-Trimethylbenzene

Concen: 1.244 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053955.D

Acq: 26 Feb 2019 15:17

Instrument :

MSVOA_N

ClientSampled :

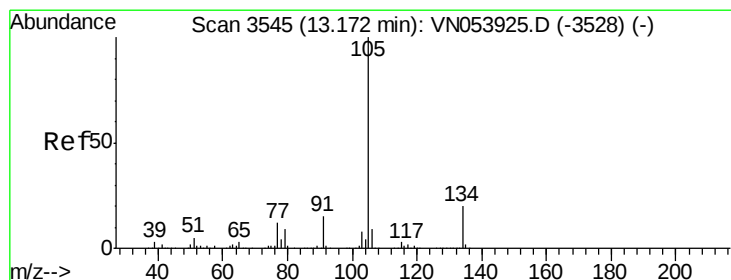
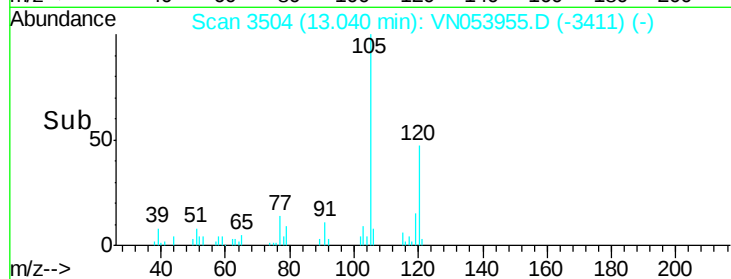
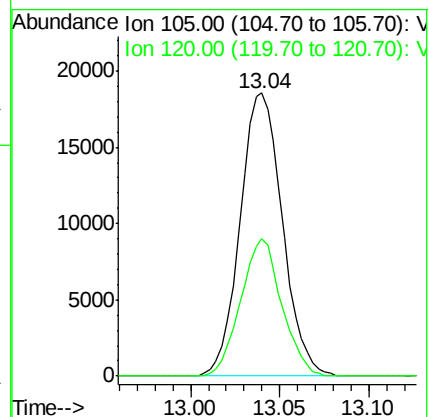
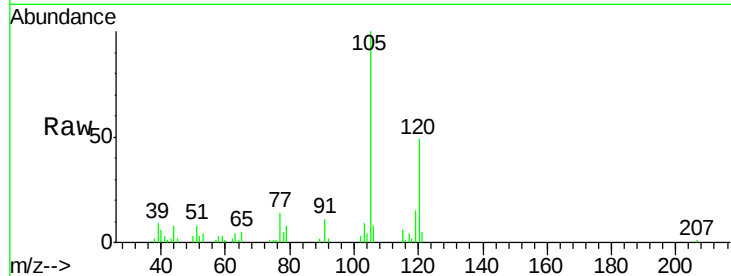
TP-22

Tot Ion:105 Resp: 30716

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.5



#85

sec-Butylbenzene

Concen: 1.028 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN053955.D

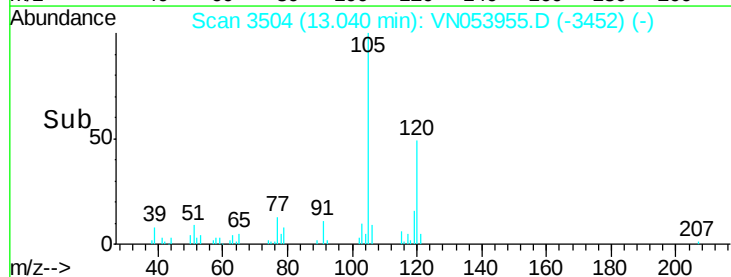
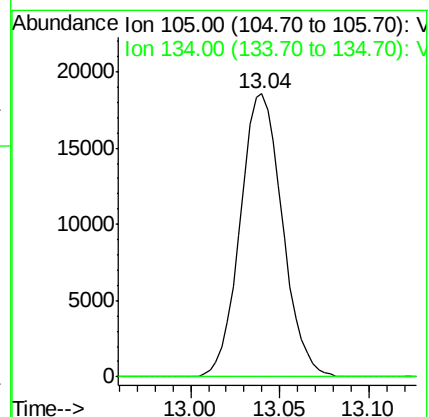
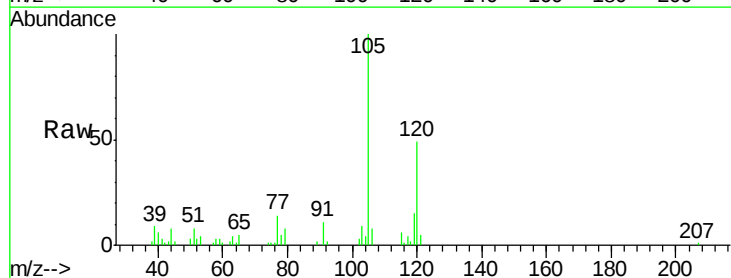
Acq: 26 Feb 2019 15:17

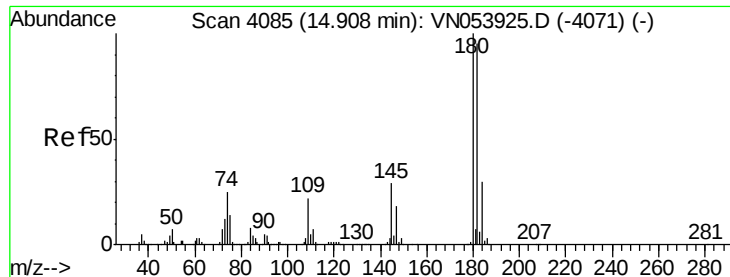
Tgt Ion:105 Resp: 30716

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#

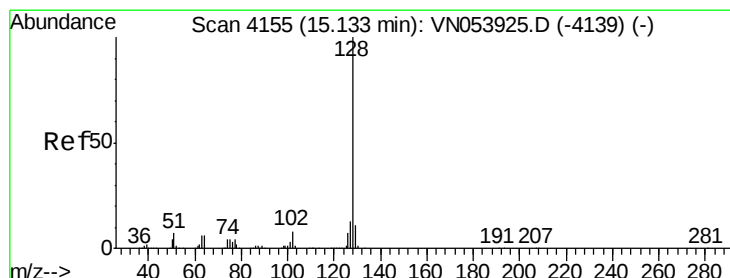
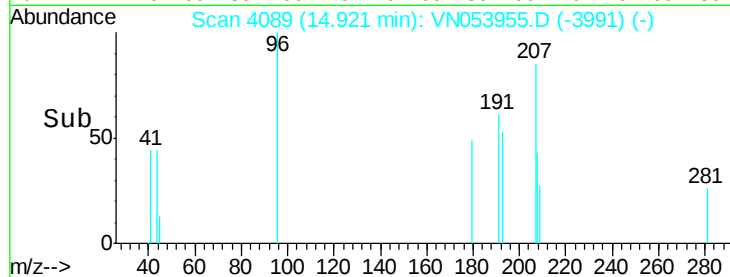
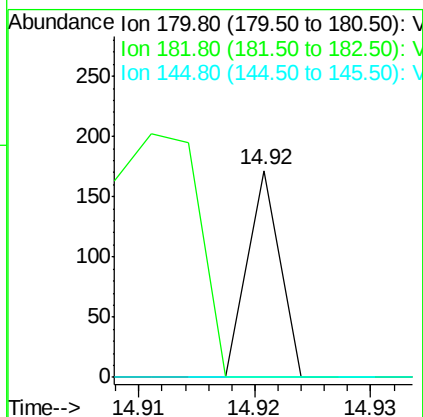
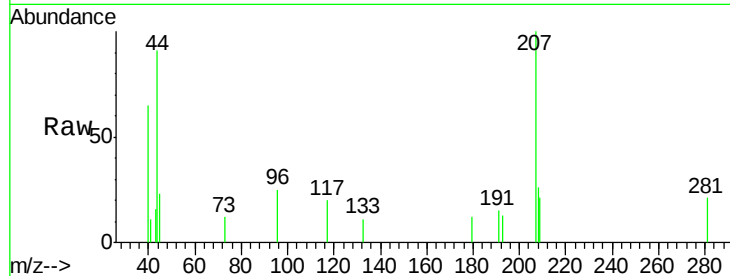




#93
 1,2,4-Trichlorobenzene
 Concen: 2.227 ug/l
 RT: 14.92 min Scan# 4089
 Delta R.T. 0.01 min
 Lab File: VN053955.D
 Acq: 26 Feb 2019 15:17

Instrument :
 MSVOA_N
 ClientSampled :
 TP-22

Tot Ion:180 Resp: 33
 Ion Ratio Lower Upper
 180 100
 182 327.3 48.6 145.9#
 145 0.0 13.8 41.3#



#95
 Naphthalene
 Concen: 5.570 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. -0.00 min
 Lab File: VN053955.D
 Acq: 26 Feb 2019 15:17

Tgt Ion:128 Resp: 38732
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.2 15.2
 129 11.5 8.6 12.8

