

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021219\
 Data File : VN053739.D
 Acq On : 12 Feb 2019 19:07
 Operator : JC/SP
 Sample : K1462-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-S

Quant Time: Feb 13 04:17:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	714894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1183149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1083644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	477654	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	378153	52.73	ug/l	0.00
Spiked Amount			Recovery	=	105.46%	
35) Dibromofluoromethane	7.59	113	371273	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
50) Toluene-d8	10.09	98	1433421	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.40	95	500315	53.44	ug/l	0.00
Spiked Amount			Recovery	=	106.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.79	59	300	0.707	ug/l #	72
14) Allyl chloride	4.56	41	14181	1.345	ug/l #	27
16) Acetone	3.82	43	12656	6.880	ug/l	96
18) Methyl Acetate	4.34	43	4238	0.778	ug/l #	64
20) Methylene Chloride	4.55	84	339830	44.032	ug/l	97
25) 2-Butanone	6.85	43	2210	0.842	ug/l	93
29) Tetrahydrofuran	7.21	42	740	0.439	ug/l #	83
31) Cyclohexane	7.67	56	10426	0.693	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42613	3.995	ug/l #	49
38) Carbon Tetrachloride	7.67	117	55807	5.194	ug/l #	16
43) Isopropyl Acetate	8.18	43	39176	3.406	ug/l #	78
45) 1,2-Dichloropropane	9.27	63	2260	0.269	ug/l #	43
48) Methyl methacrylate	9.18	41	9683	1.763	ug/l #	12
49) 1,4-Dioxane	9.27	88	209	41.622	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	8934	1.580	ug/l #	34
52) Toluene	10.16	92	34463	1.766	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	72462	5.792	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	14300	1.190	ug/l #	43
59) 2-Hexanone	10.76	43	182390	47.527	ug/l #	51
67) Ethyl Benzene	11.51	91	41722	1.103	ug/l	97
68) m/p-Xylenes	11.62	106	71861	4.980	ug/l	99
69) o-Xylene	11.95	106	30248	2.170	ug/l	100
71) Bromoform	12.41	173	3422	0.621	ug/l #	1
74) N-amyl acetate	11.88	43	21066	2.609	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	232165	37.842	ug/l #	100
78) n-propylbenzene	12.59	91	27944	0.720	ug/l	97
79) 2-Chlorotoluene	12.65	91	10435	0.453	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	58799	2.112	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	232165	106.408	ug/l #	15
82) 4-Chlorotoluene	12.73	91	5762	0.244	ug/l #	39
83) tert-Butylbenzene	13.04	119	23890	0.971	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.04	105	184901	6.518	ug/l	99
85) sec-Butylbenzene	13.04	105	184901	5.521	ug/l #	56
90) Hexachloroethane	13.89	117	2763	0.572	ug/l #	3

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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration

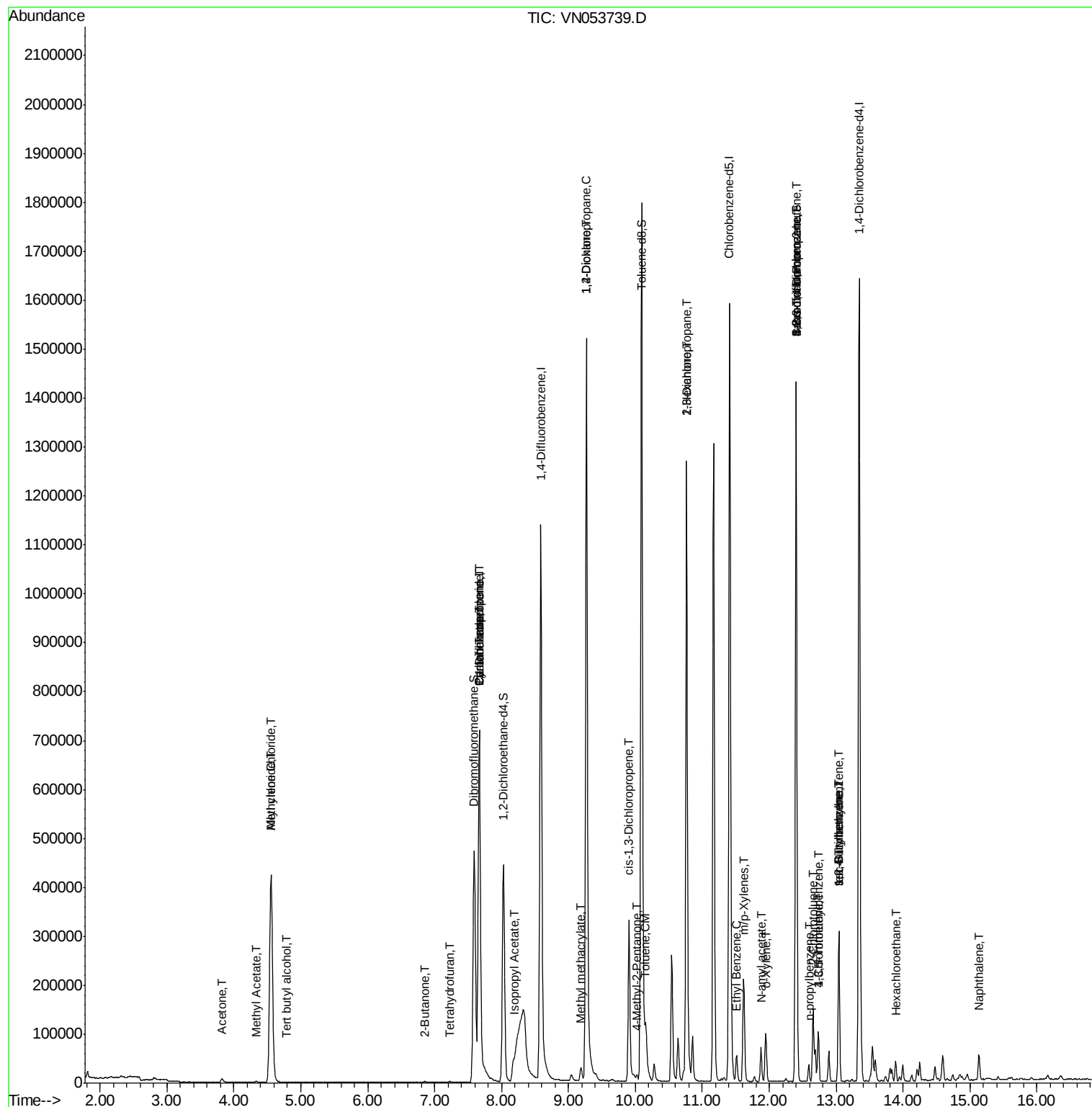
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	46441	3.873	ug/l	99

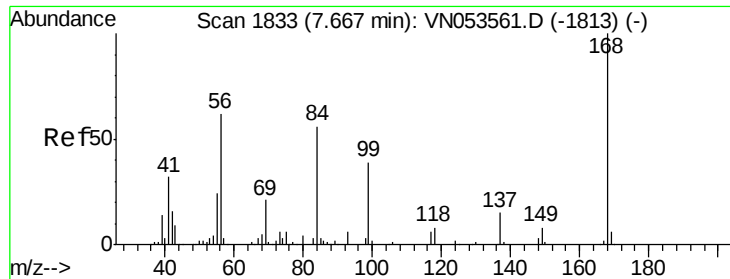
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021219\
Data File : VN053739.D
Acq On : 12 Feb 2019 19:07
Operator : JC/SP
Sample : K1462-12
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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: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampled :

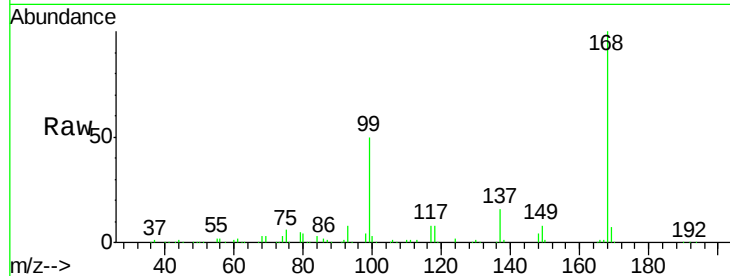
TP-2-S

Tot Ion:168 Resp: 714894

Ion Ratio Lower Upper

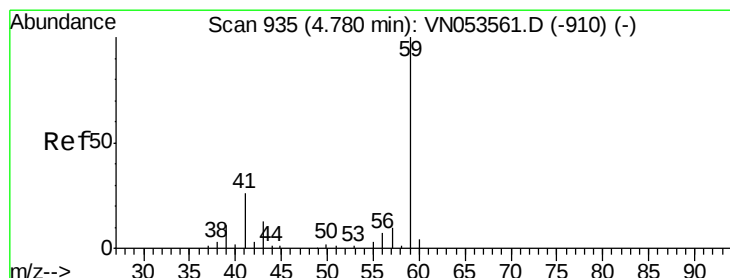
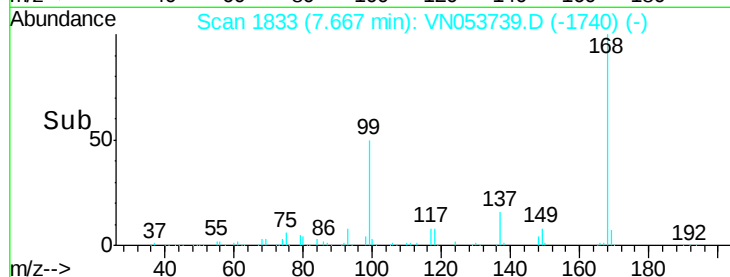
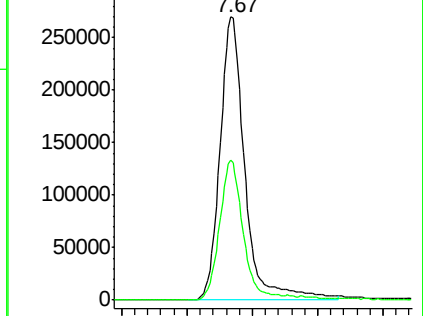
168 100

99 49.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.707 ug/l

RT: 4.79 min Scan# 937

Delta R.T. 0.01 min

Lab File: VN053739.D

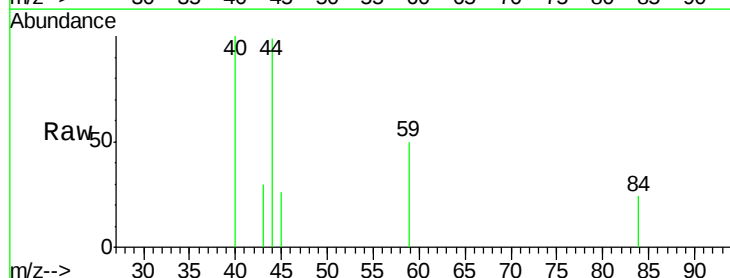
Acq: 12 Feb 2019 19:07

Tgt Ion: 59 Resp: 300

Ion Ratio Lower Upper

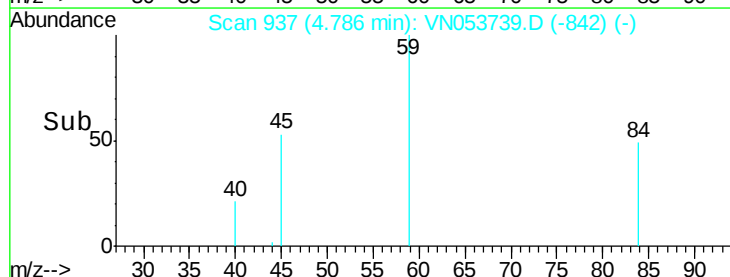
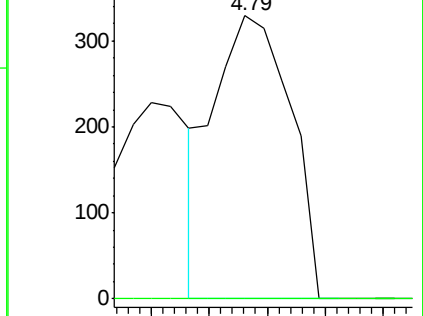
59 100

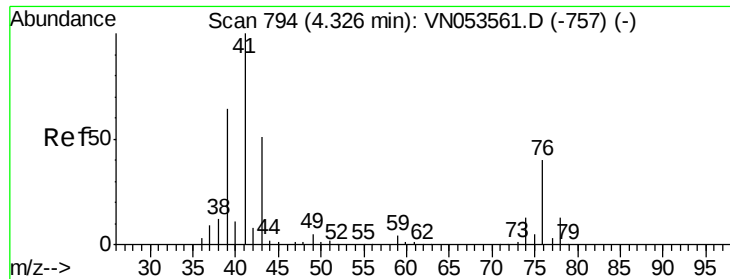
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

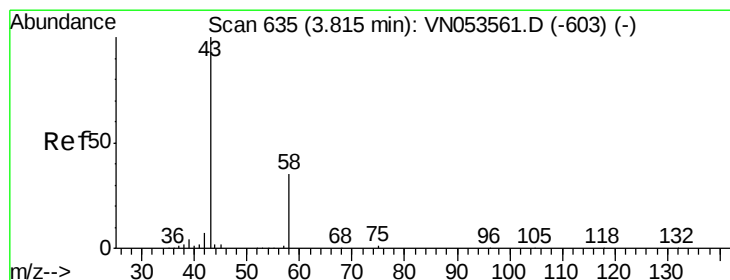
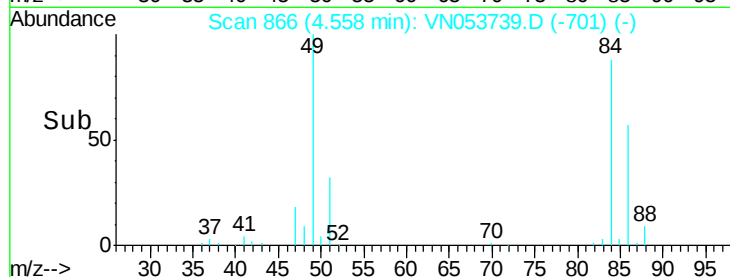
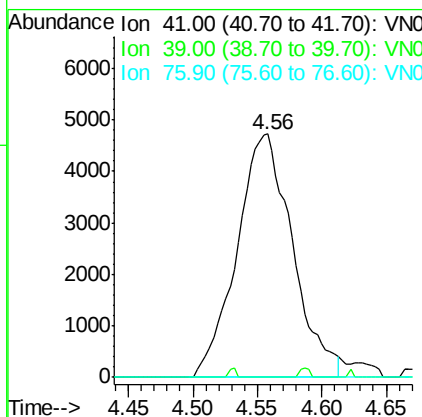
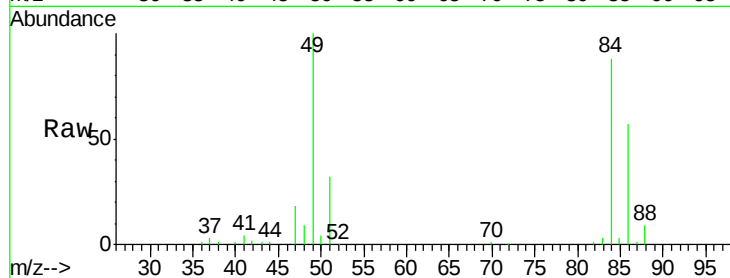




#14
Allvl chloride
Concen: 1.345 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.23 min
Lab File: VN053739.D
Acq: 12 Feb 2019 19:07

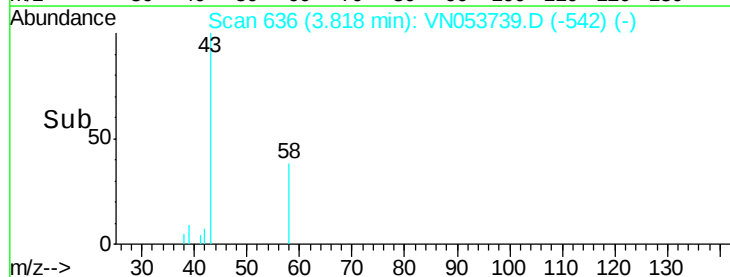
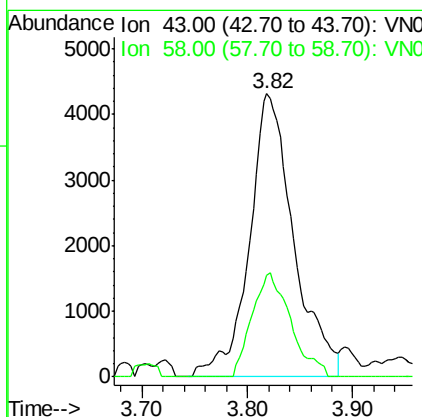
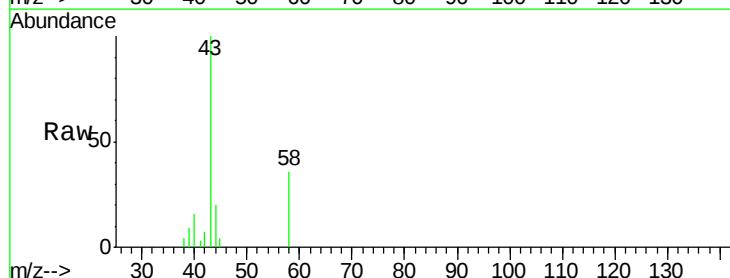
Instrument :
MSVOA_N
ClientSampled :
TP-2-S

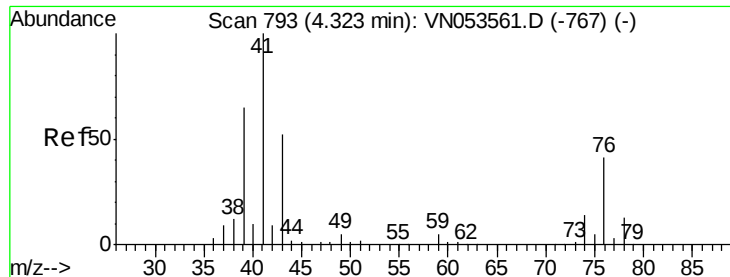
Tot Ion: 41 Resp: 14181
Ion Ratio Lower Upper
41 100
39 0.0 48.9 73.3#
76 0.0 29.4 44.2#



#16
Acetone
Concen: 6.880 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN053739.D
Acq: 12 Feb 2019 19:07

Tgt Ion: 43 Resp: 12656
Ion Ratio Lower Upper
43 100
58 36.0 27.1 40.7

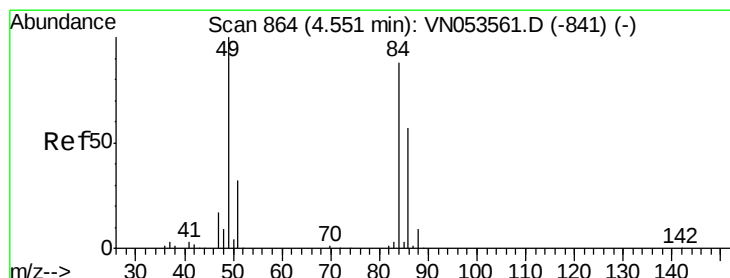
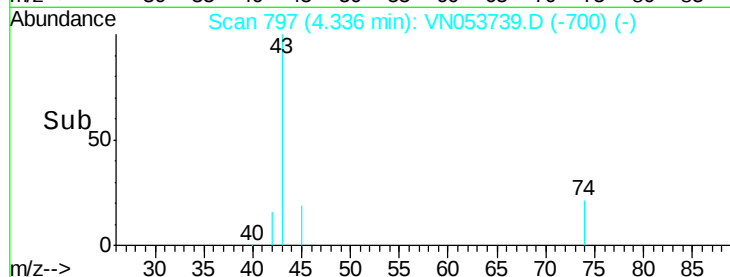
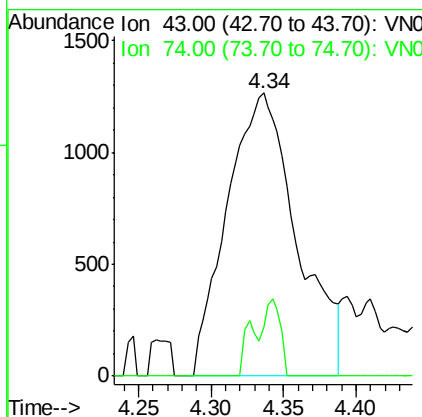
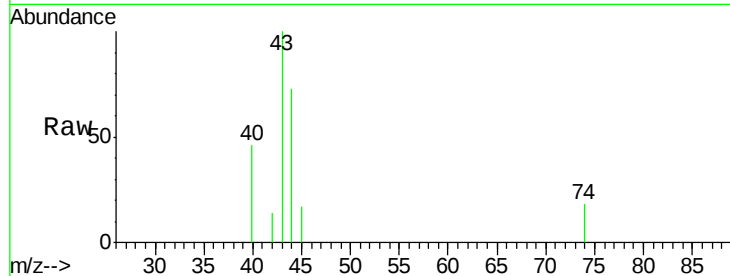




#18
Methyl Acetate
Concen: 0.778 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053739.D
Acq: 12 Feb 2019 19:07

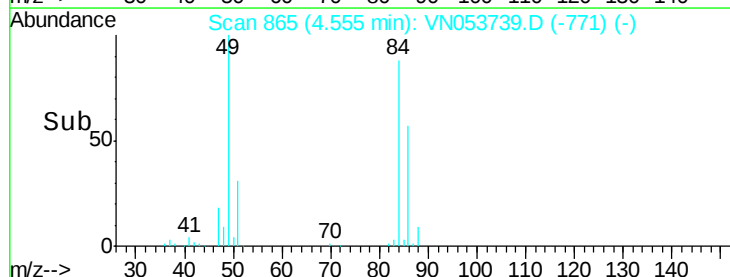
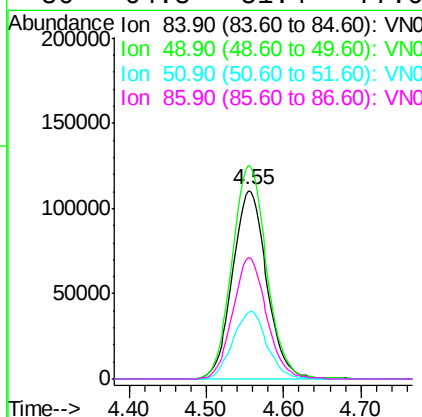
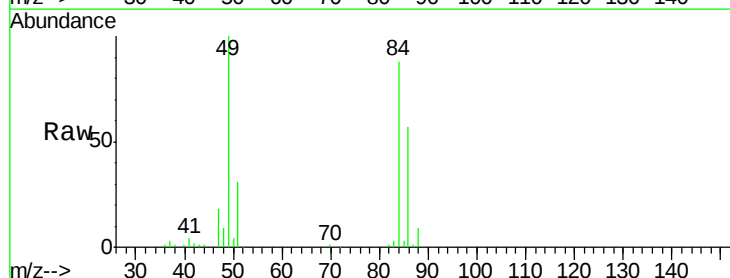
Instrument :
MSVOA_N
ClientSampled :
TP-2-S

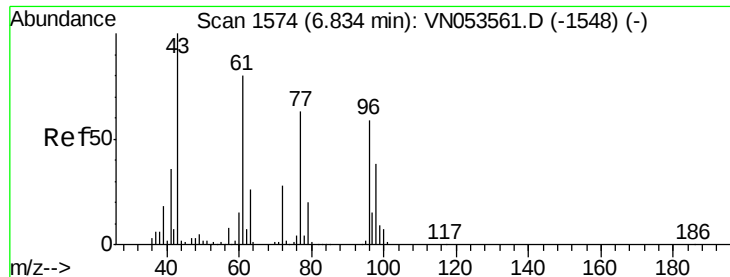
Tot Ion: 43 Resp: 4238
Ion Ratio Lower Upper
43 100
74 6.3 19.4 29.2#



#20
Methylene Chloride
Concen: 44.032 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053739.D
Acq: 12 Feb 2019 19:07

Tgt Ion: 84 Resp: 339830
Ion Ratio Lower Upper
84 100
49 113.4 94.3 141.5
51 35.5 29.4 44.2
86 64.8 51.4 77.0





#25

2-Butanone

Concen: 0.842 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampled :

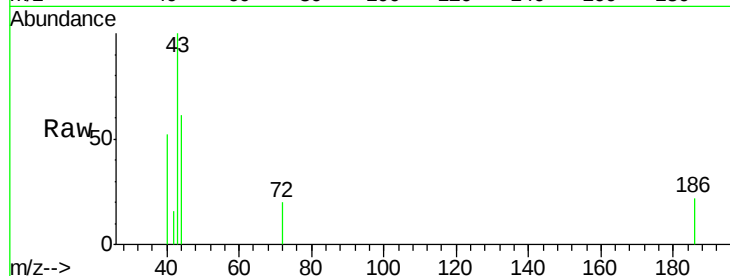
TP-2-S

Tot Ion: 43 Resp: 2210

Ion Ratio Lower Upper

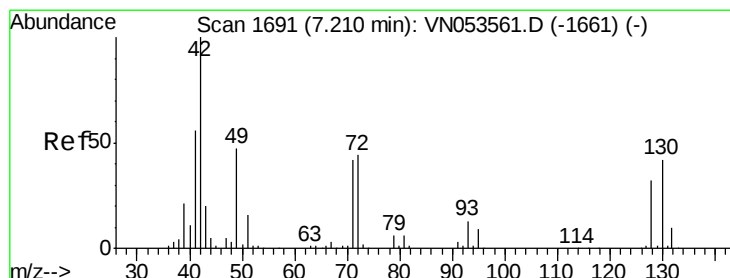
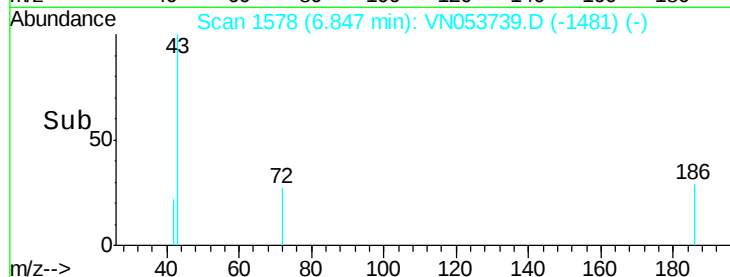
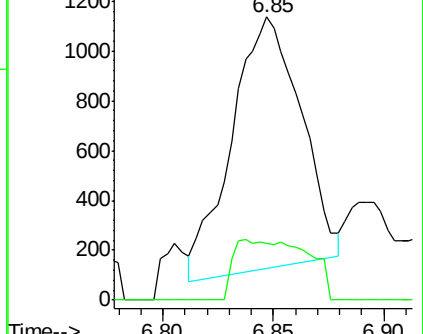
43 100

72 23.7 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 0.439 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

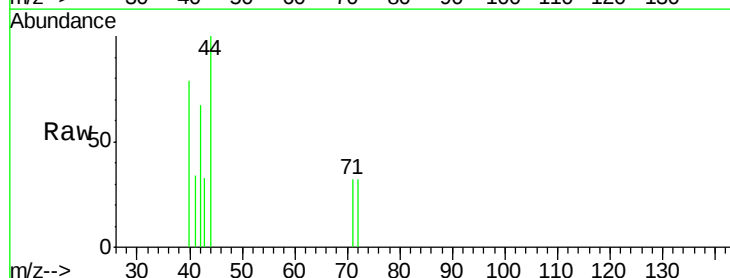
Tgt Ion: 42 Resp: 740

Ion Ratio Lower Upper

42 100

72 23.1 35.2 52.8#

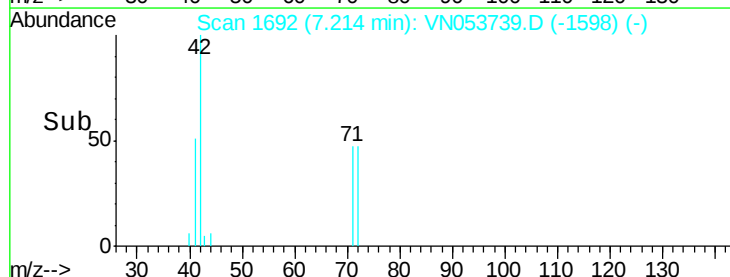
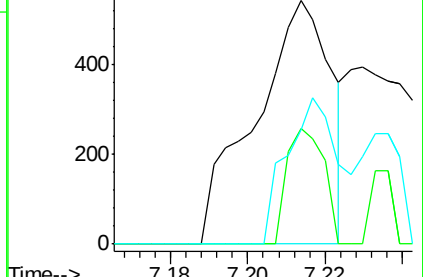
71 41.2 33.0 49.4

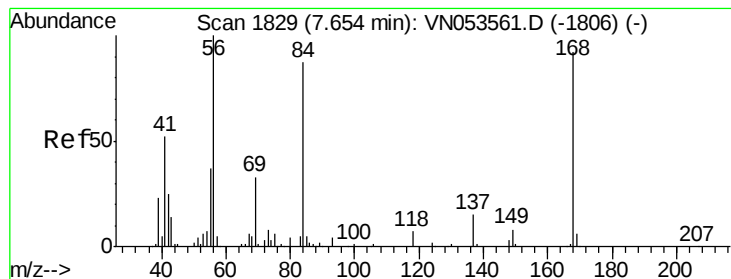


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#31

Cyclohexane

Concen: 0.693 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampled :

TP-2-S

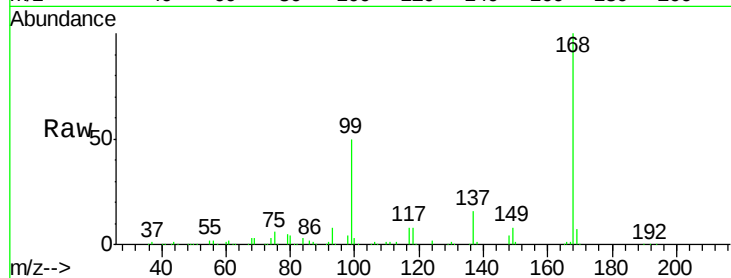
Tot Ion: 56 Resp: 10426

Ion Ratio Lower Upper

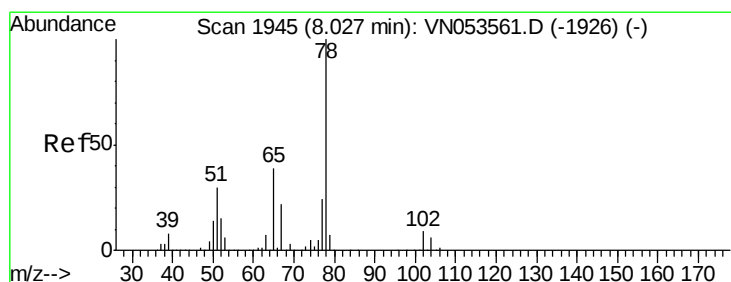
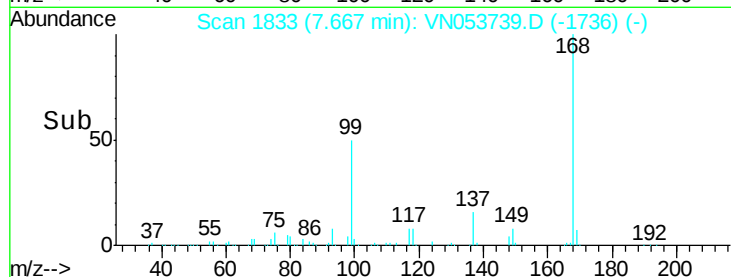
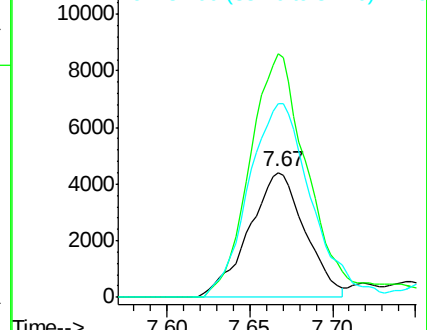
56 100

69 195.0 26.4 39.6#

84 155.2 67.9 101.9#



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#33

1,2-Dichloroethane-d4

Concen: 52.728 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053739.D

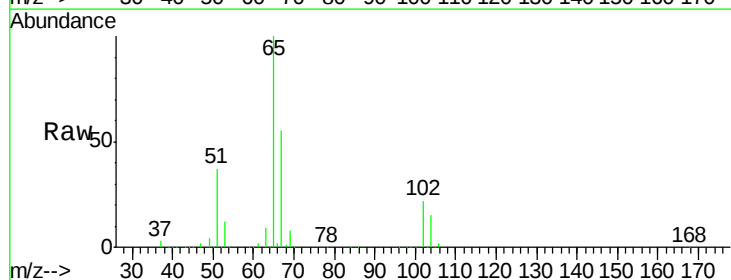
Acq: 12 Feb 2019 19:07

Tgt Ion: 65 Resp: 378153

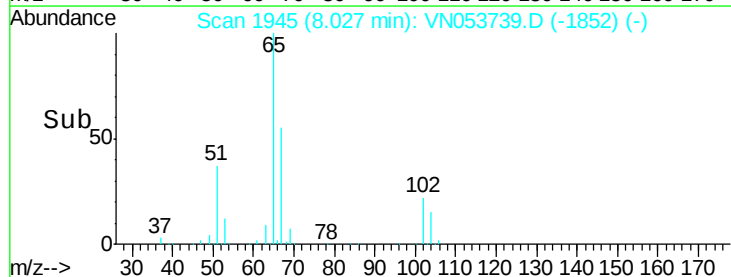
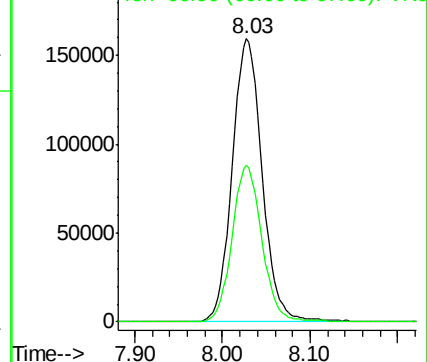
Ion Ratio Lower Upper

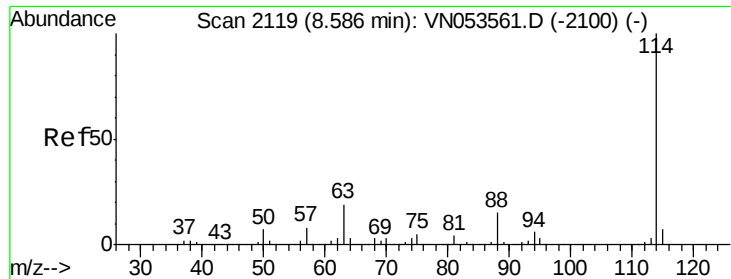
65 100

67 55.3 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

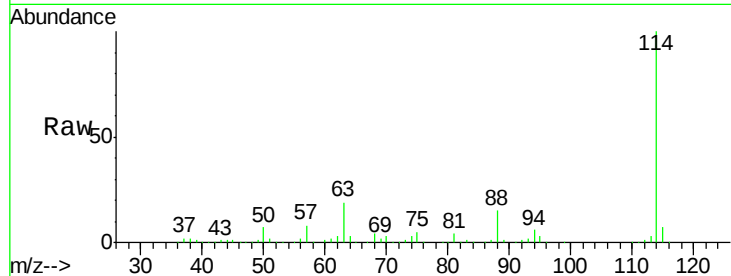




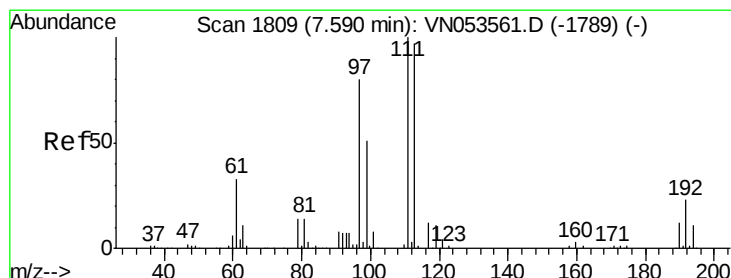
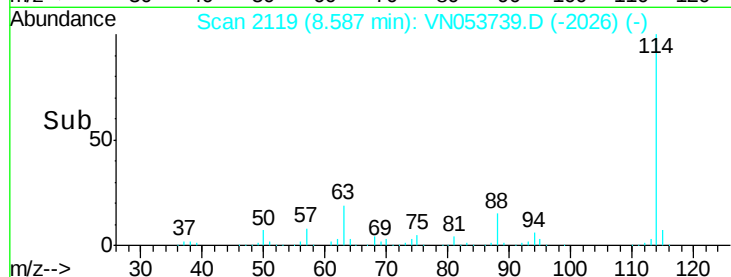
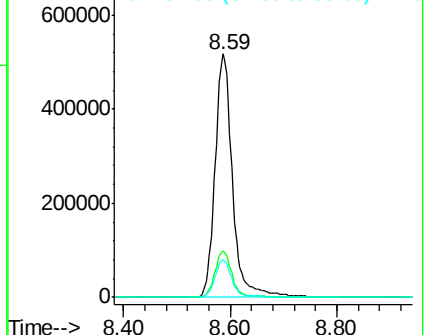
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053739.D
Acq: 12 Feb 2019 19:07

Instrument :
MSVOA_N
ClientSampleId :
TP-2-S

Tot Ion:114 Resp: 1183149
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.6
88 15.3 0.0 30.4

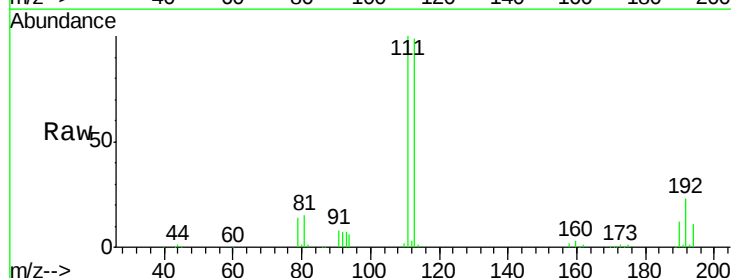


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

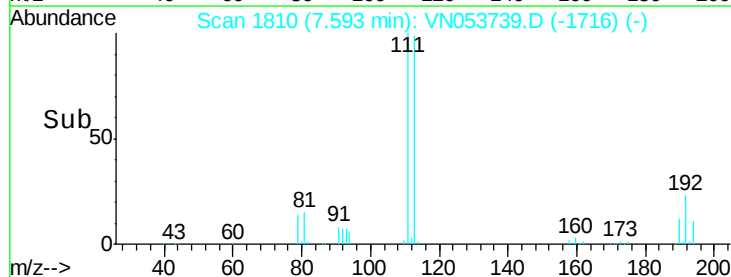
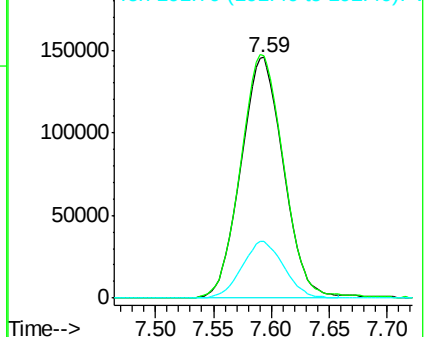


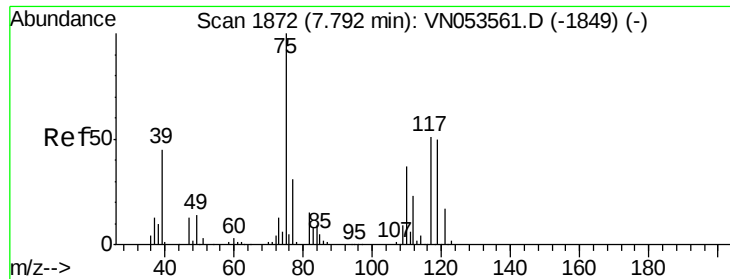
#35
Dibromofluoromethane
Concen: 49.662 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053739.D
Acq: 12 Feb 2019 19:07

Tgt Ion:113 Resp: 371273
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 23.5 18.2 27.2



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: 3.995 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampled :

TP-2-S

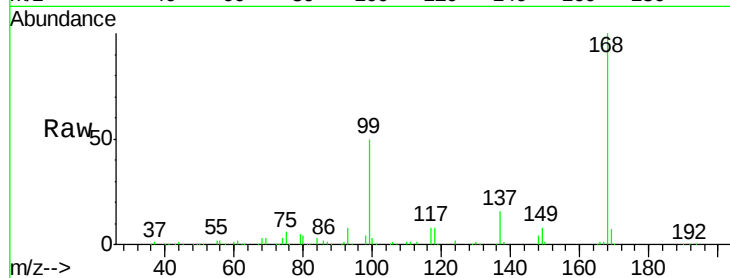
Tot Ion: 75 Resp: 42613

Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.3#

77 0.0 25.1 37.7#

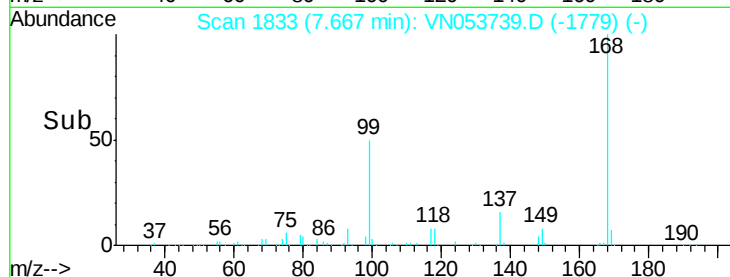


Abundance Ion 74.90 (74.60 to 75.60): VN053739.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN053739.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN053739.D (-1779) (-)

Time-->

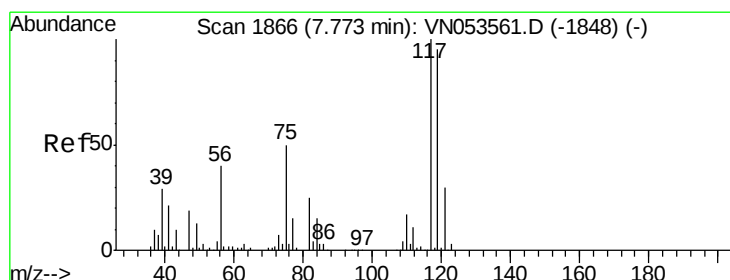


Abundance Ion 74.90 (74.60 to 75.60): VN053739.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN053739.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN053739.D (-1779) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.194 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

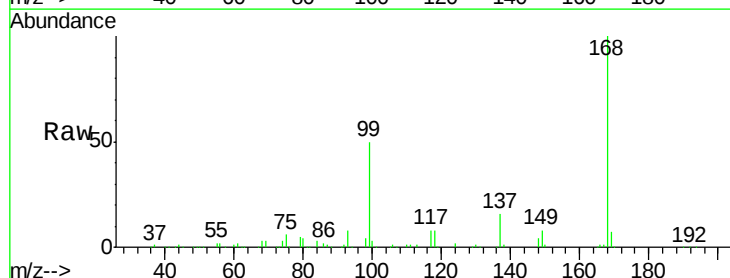
Tgt Ion: 117 Resp: 55807

Ion Ratio Lower Upper

117 100

119 5.6 77.2 115.8#

121 0.0 24.6 37.0#

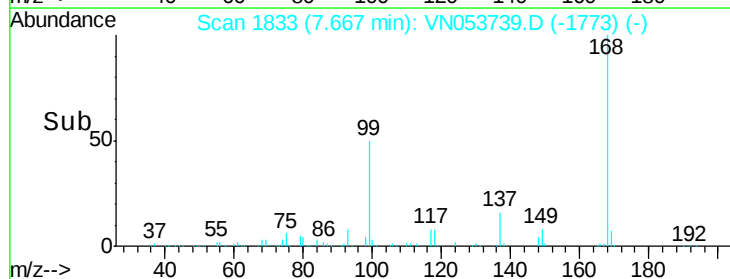


Abundance Ion 116.80 (116.50 to 117.50): VN053739.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN053739.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN053739.D (-1773) (-)

Time-->

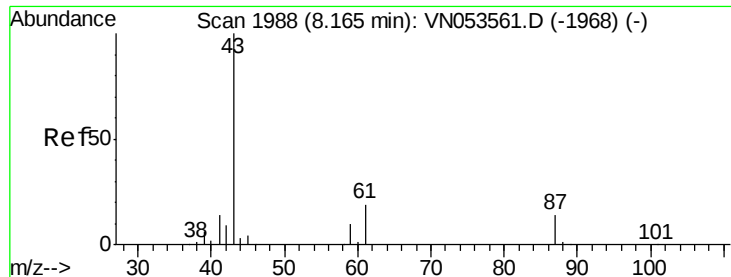


Abundance Ion 116.80 (116.50 to 117.50): VN053739.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN053739.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN053739.D (-1773) (-)

Time-->



#43

Isopropyl Acetate

Concen: 3.406 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampled :

TP-2-S

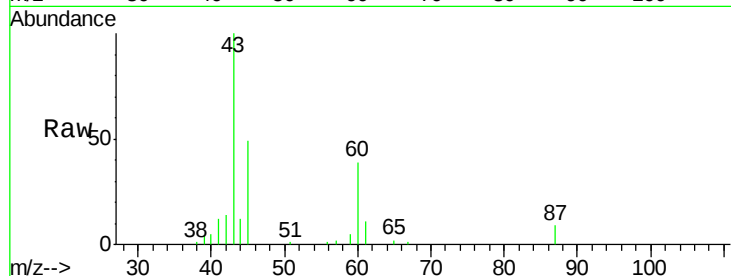
Tot Ion: 43 Resp: 39176

Ion Ratio Lower Upper

43 100

61 14.9 23.9 35.9#

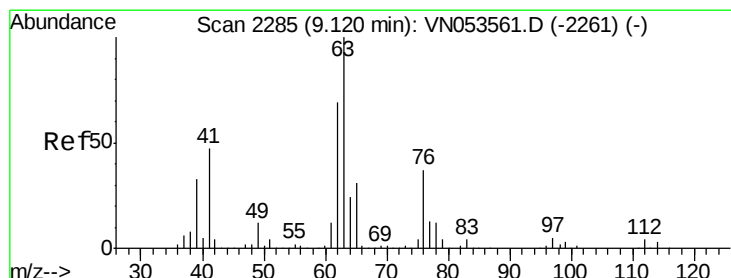
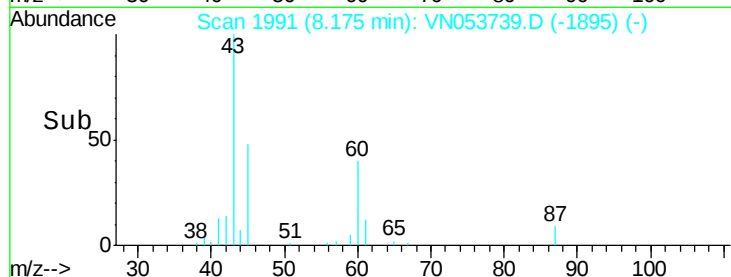
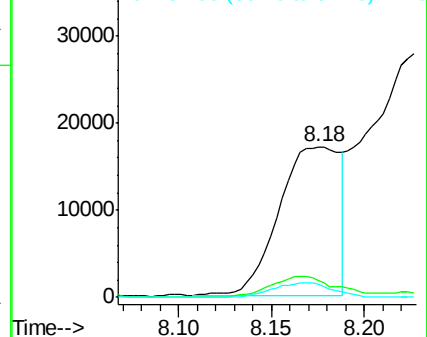
87 9.4 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.269 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN053739.D

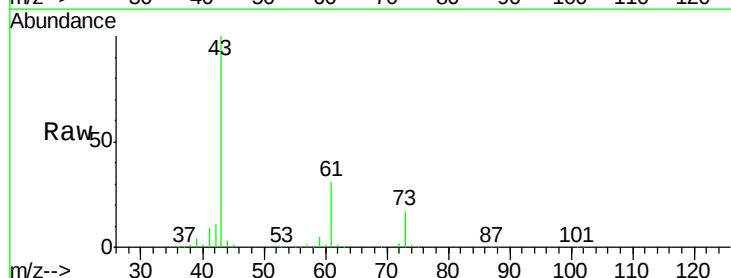
Acq: 12 Feb 2019 19:07

Tgt Ion: 63 Resp: 2260

Ion Ratio Lower Upper

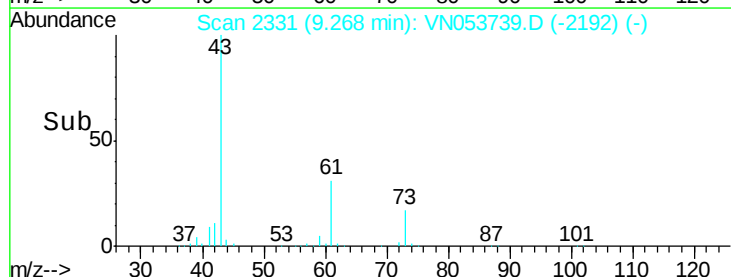
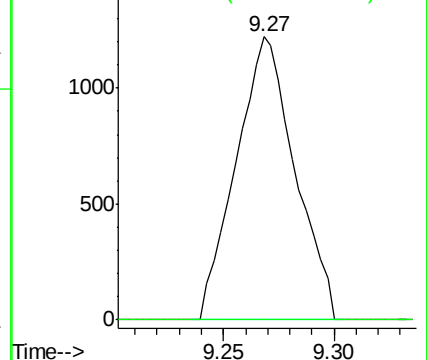
63 100

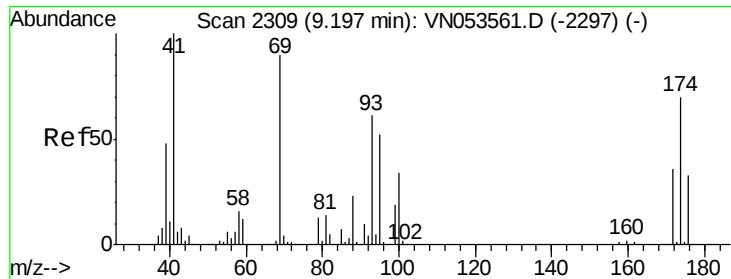
65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

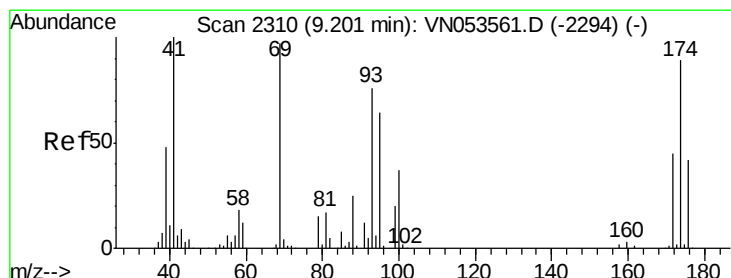
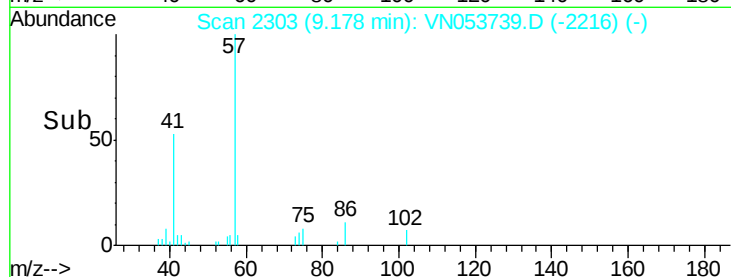
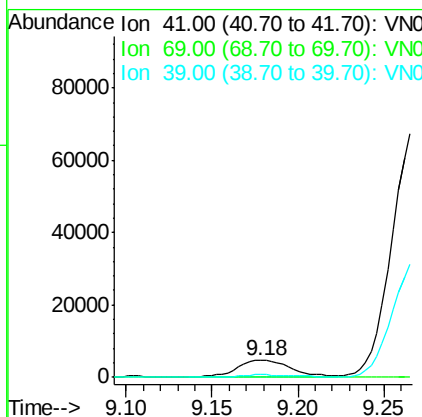
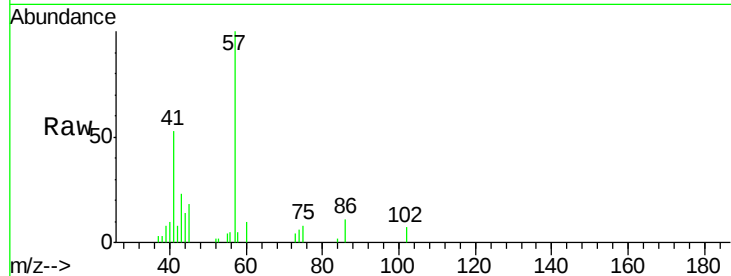




#48
Methvl methacrylate
Concen: 1.763 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053739.D
Acq: 12 Feb 2019 19:07

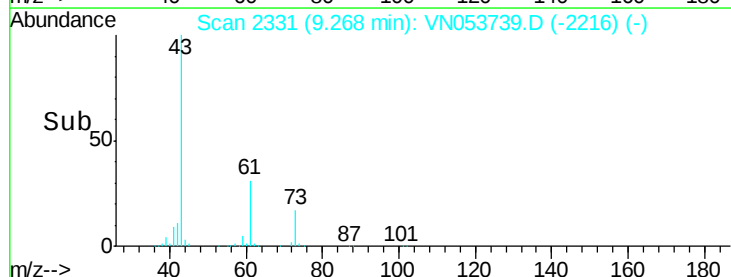
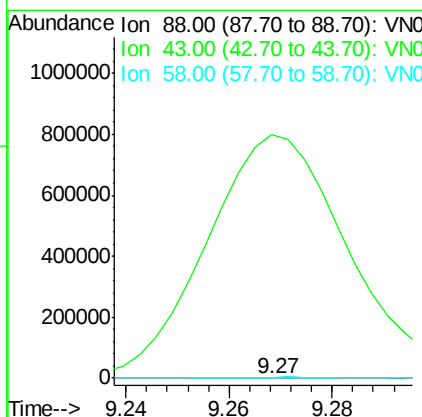
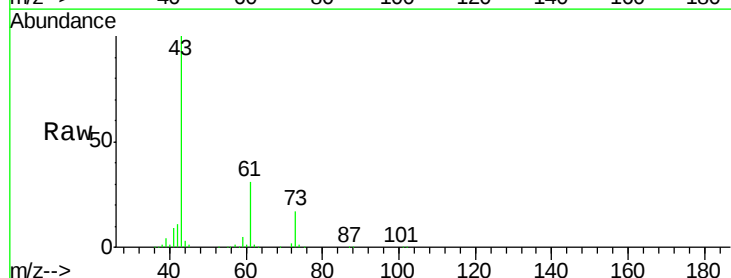
Instrument :
MSVOA_N
ClientSampleId :
TP-2-S

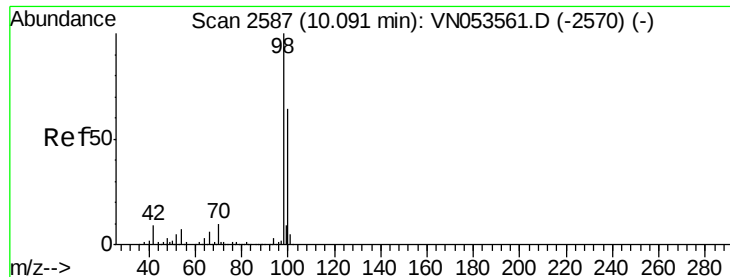
Tot Ion: 41 Resp: 9683
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 0.0 40.0 60.0#



#49
1,4-Dioxane
Concen: 41.622 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN053739.D
Acq: 12 Feb 2019 19:07

Tgt Ion: 88 Resp: 209
Ion Ratio Lower Upper
88 100
43 775971.8 27.8 41.6#
58 3536.4 56.5 84.7#





#50

Toluene-d8

Concen: 51.064 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampled :

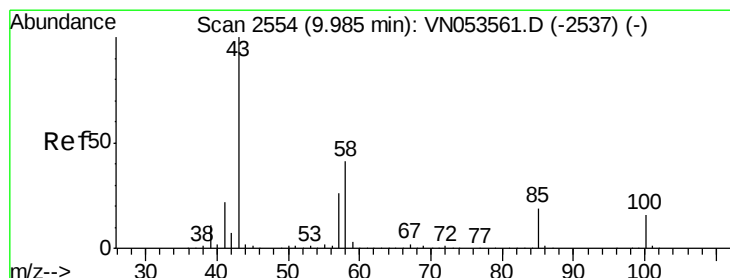
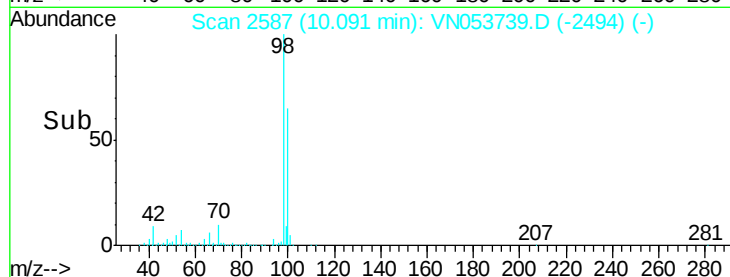
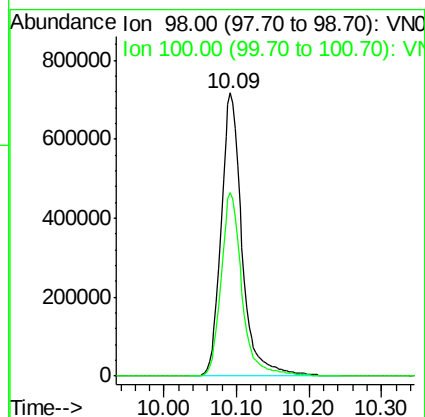
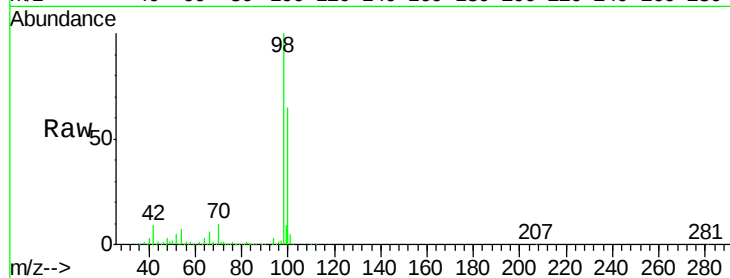
TP-2-S

Tot Ion: 98 Resp: 1433421

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 1.580 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN053739.D

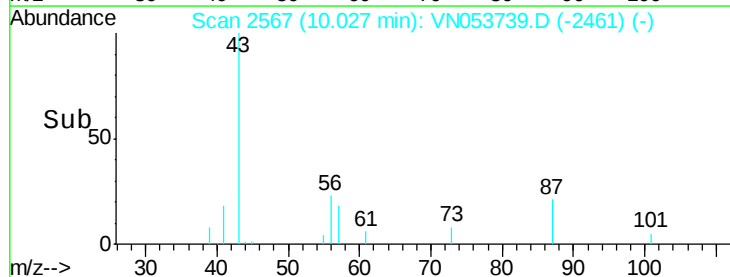
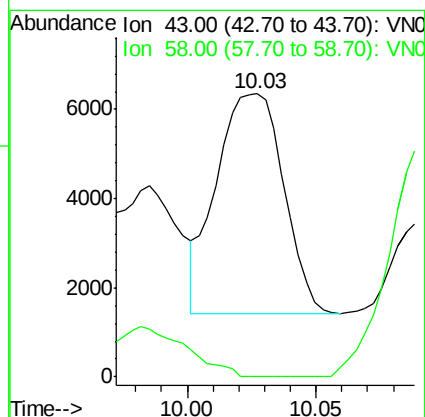
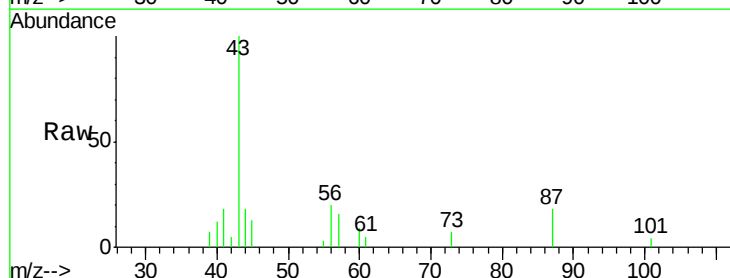
Acq: 12 Feb 2019 19:07

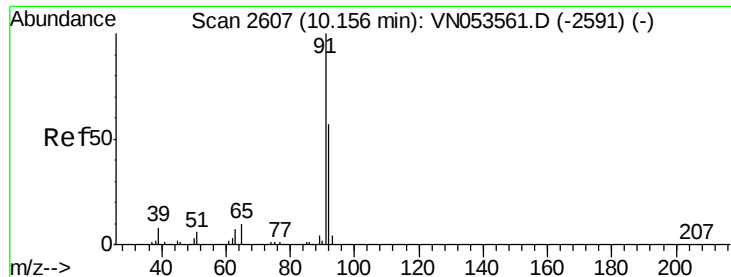
Tgt Ion: 43 Resp: 8934

Ion Ratio Lower Upper

43 100

58 0.0 32.8 49.2#





#52

Toluene

Concen: 1.766 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

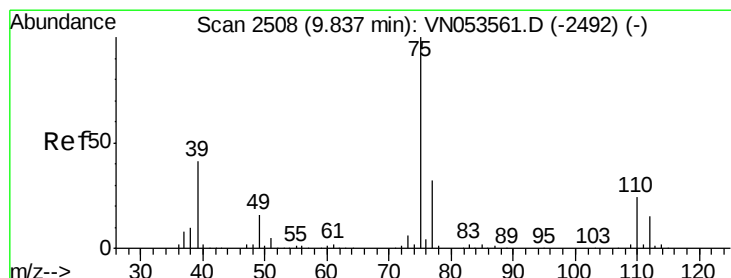
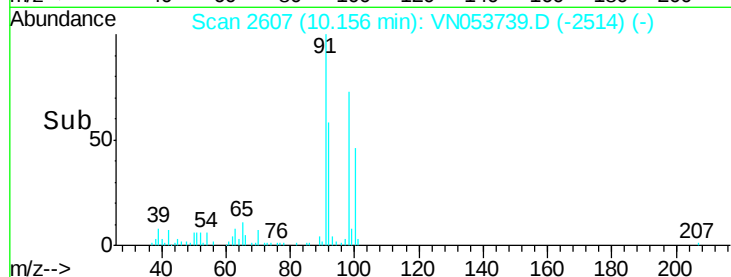
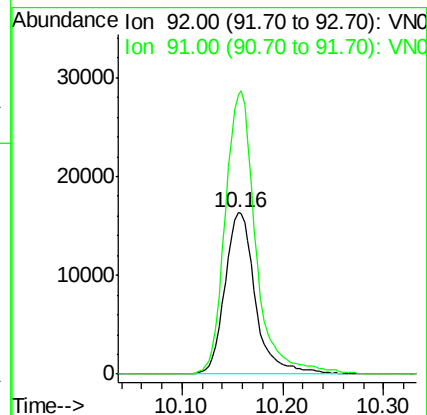
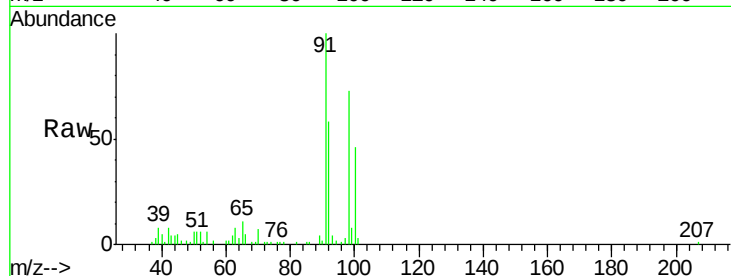
TP-2-S

Tot Ion: 92 Resp: 34463

Ion Ratio Lower Upper

92 100

91 176.7 139.9 209.9



#54

cis-1,3-Dichloropropene

Concen: 5.792 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

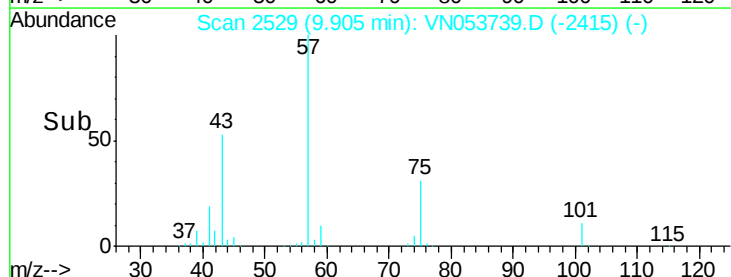
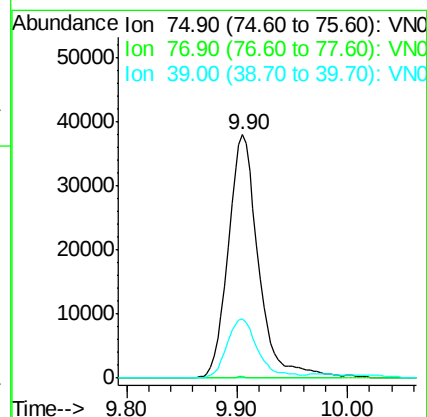
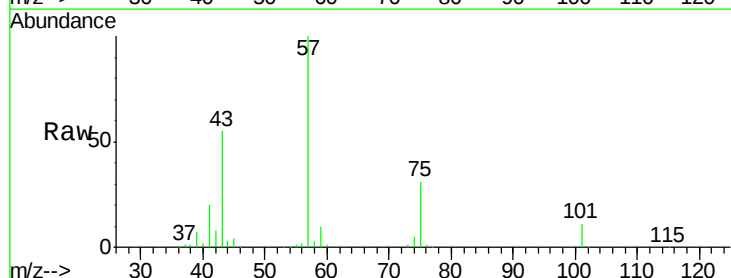
Tgt Ion: 75 Resp: 72462

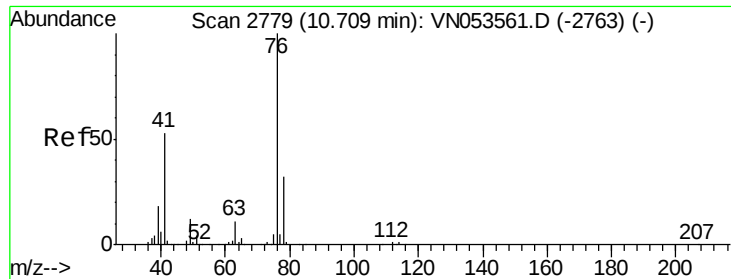
Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

39 24.2 33.4 50.0#

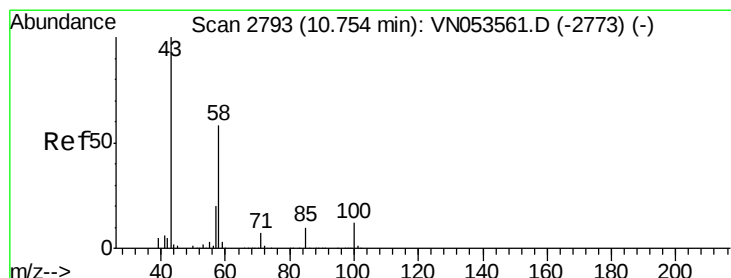
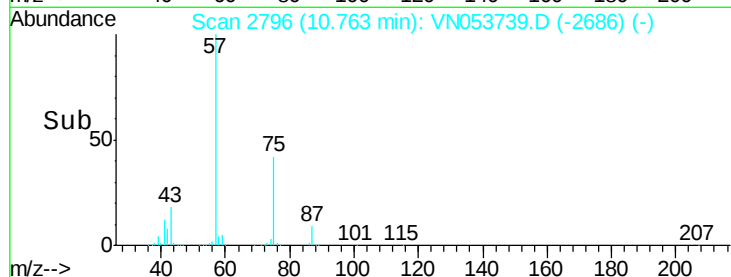
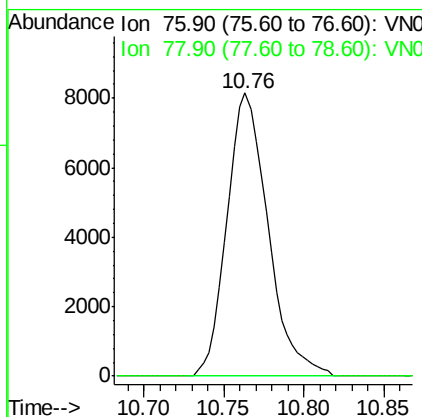
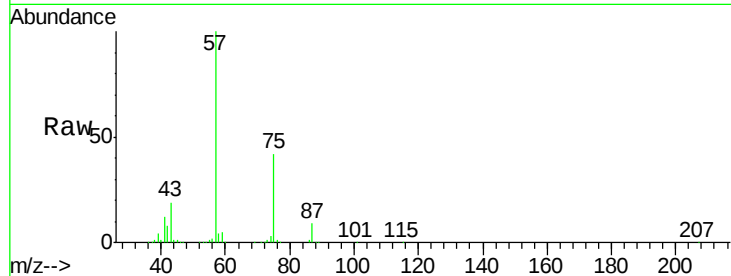




#57
 1,3-Dichloropropane
 Concen: 1.190 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053739.D
 Acq: 12 Feb 2019 19:07

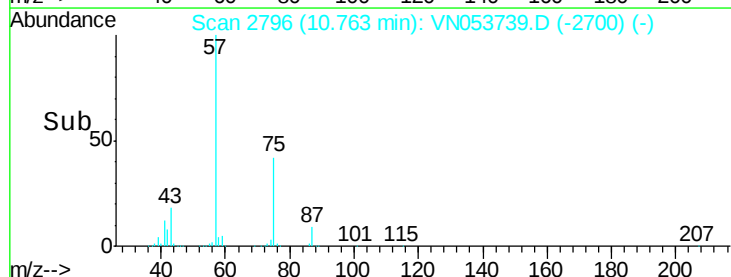
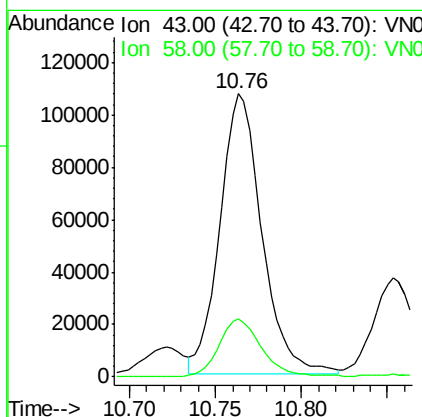
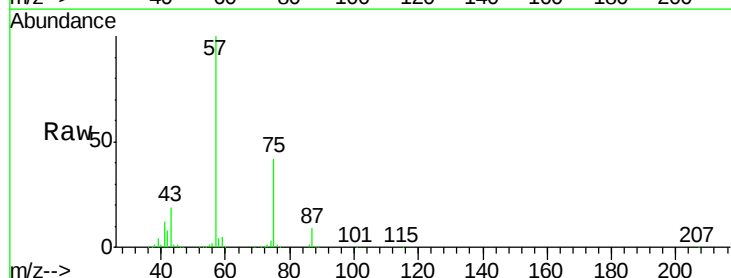
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-S

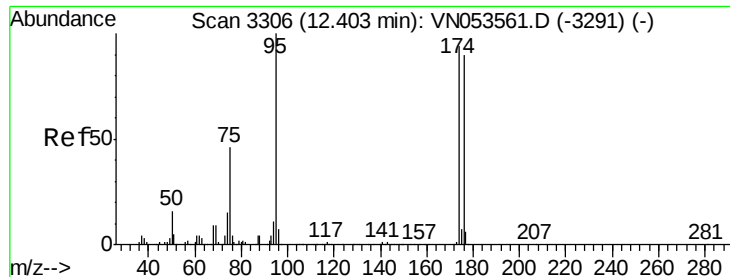
Tot Ion: 76 Resp: 14300
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 47.527 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN053739.D
 Acq: 12 Feb 2019 19:07

Tgt Ion: 43 Resp: 182390
 Ion Ratio Lower Upper
 43 100
 58 21.1 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: 53.441 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

TP-2-S

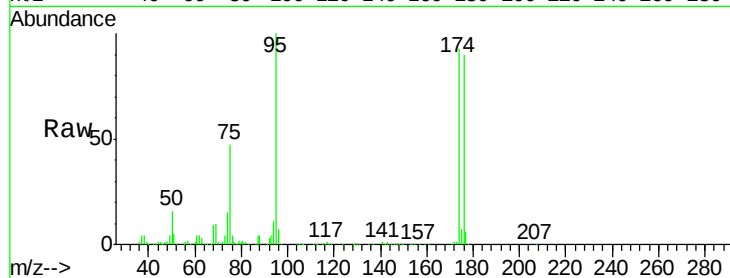
Tot Ion: 95 Resp: 500315

Ion Ratio Lower Upper

95 100

174 94.2 0.0 183.2

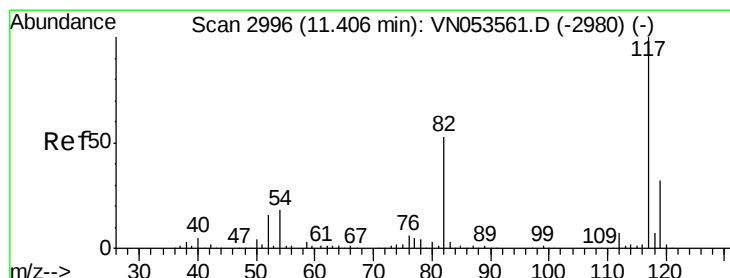
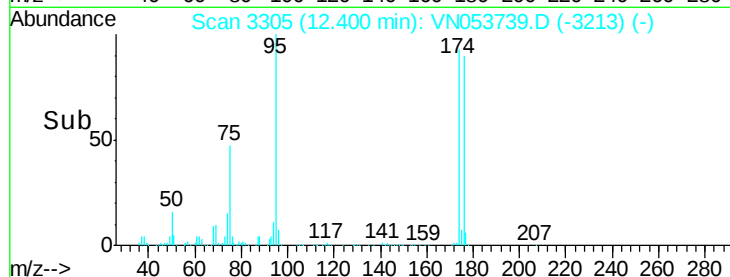
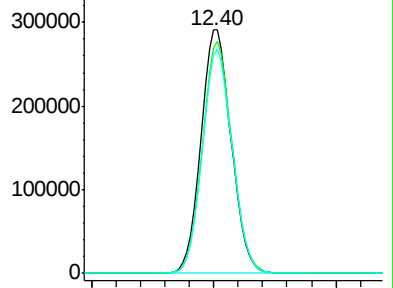
176 91.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053561.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053561.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053561.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

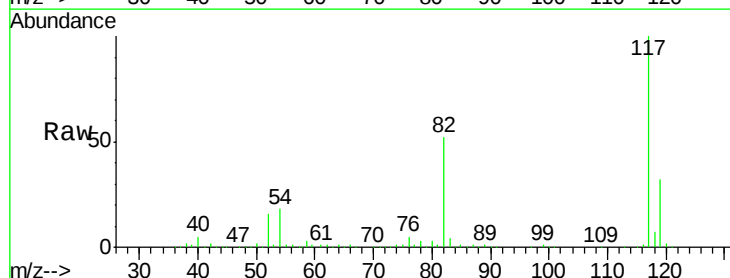
Tgt Ion: 117 Resp: 1083644

Ion Ratio Lower Upper

117 100

82 52.3 42.9 64.3

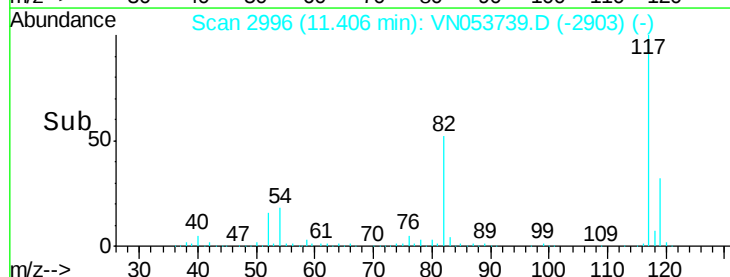
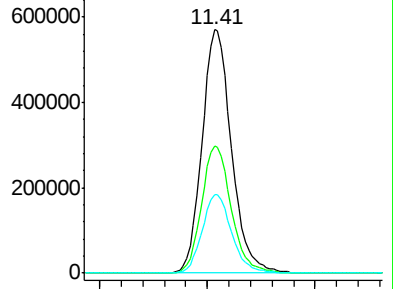
119 32.3 26.0 39.0

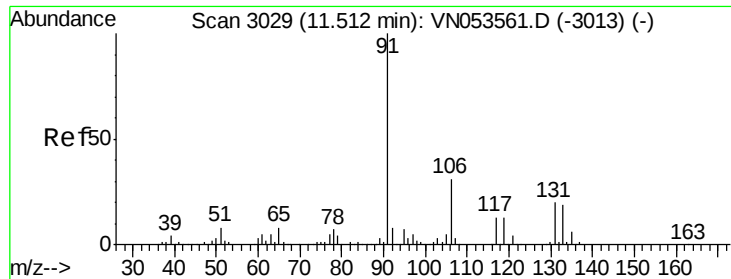


Abundance Ion 116.90 (116.60 to 117.60): VN053561.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053561.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053561.D (-2980) (-)





#67

Ethyl Benzene

Concen: 1.103 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampled :

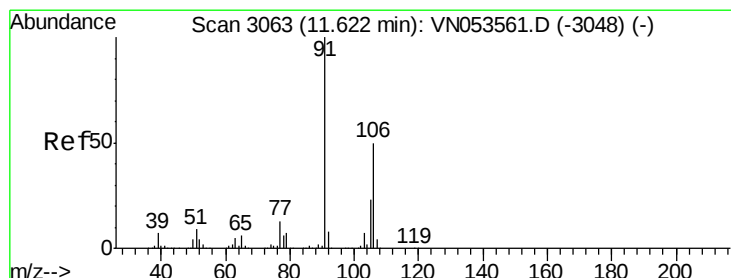
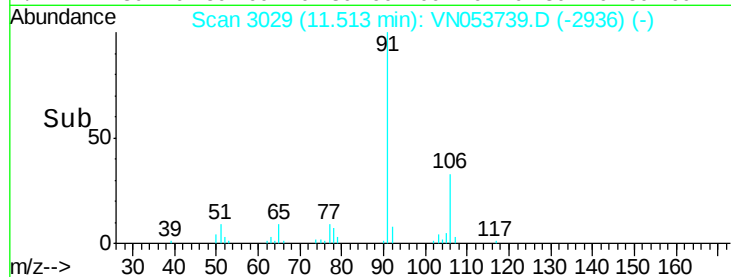
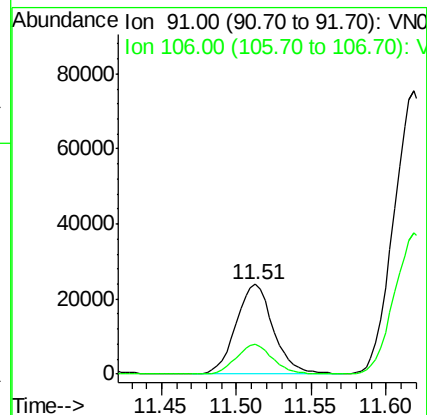
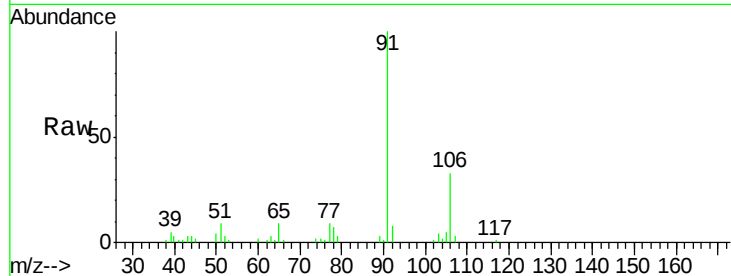
TP-2-S

Tot Ion: 91 Resp: 41722

Ion Ratio Lower Upper

91 100

106 32.9 25.0 37.6



#68

m/p-Xylenes

Concen: 4.980 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN053739.D

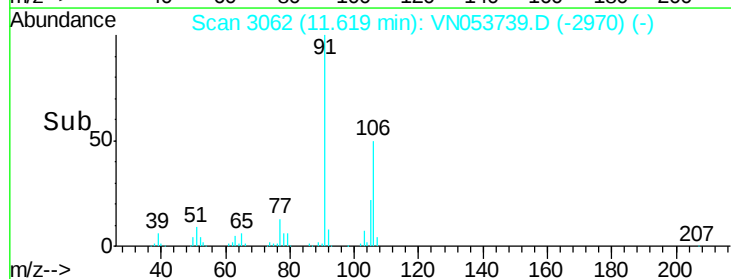
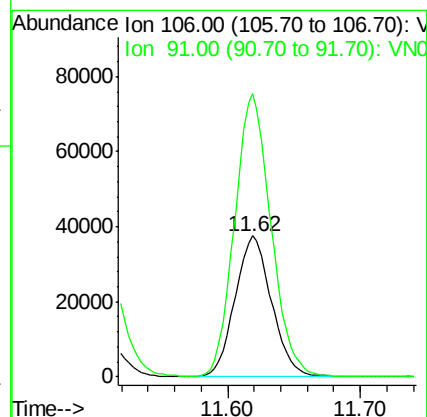
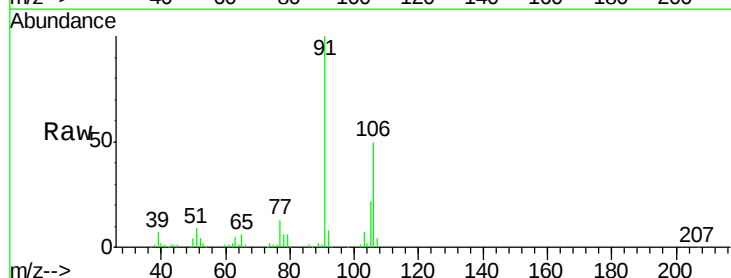
Acq: 12 Feb 2019 19:07

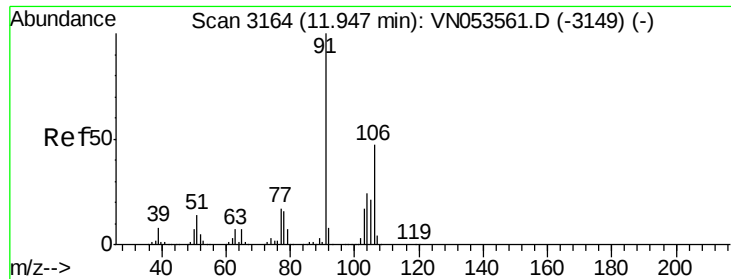
Tgt Ion: 106 Resp: 71861

Ion Ratio Lower Upper

106 100

91 200.2 161.4 242.2

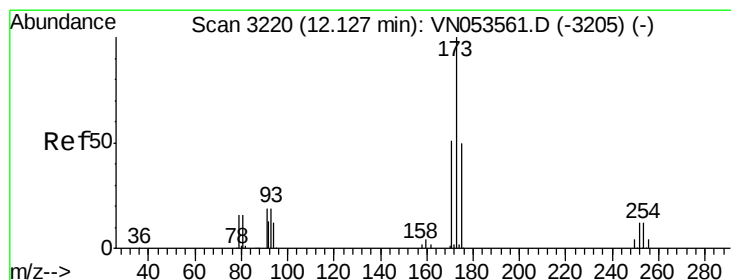
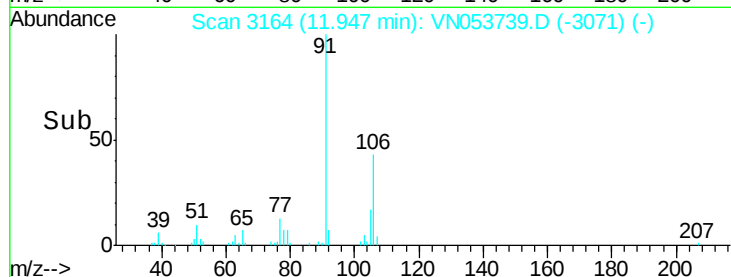
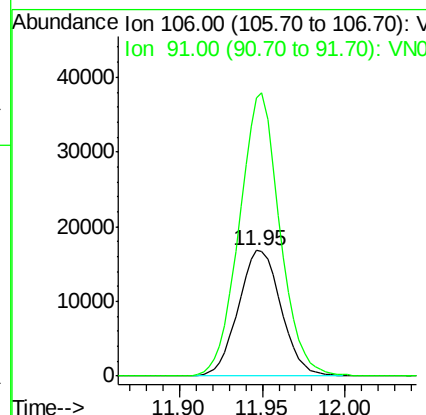
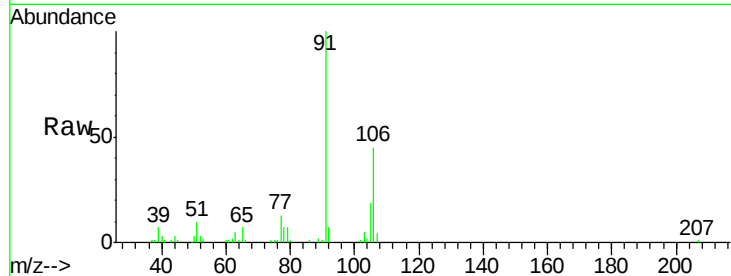




#69
o-Xylene
Concen: 2.170 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053739.D
Acq: 12 Feb 2019 19:07

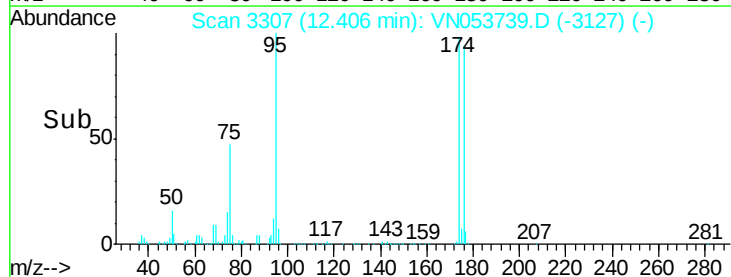
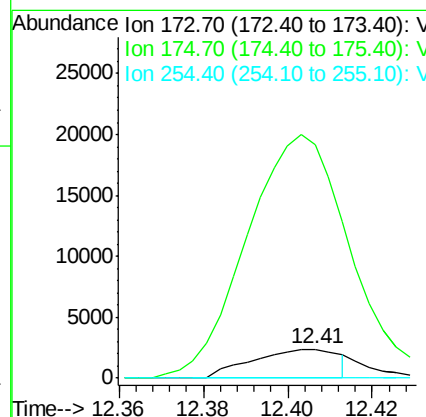
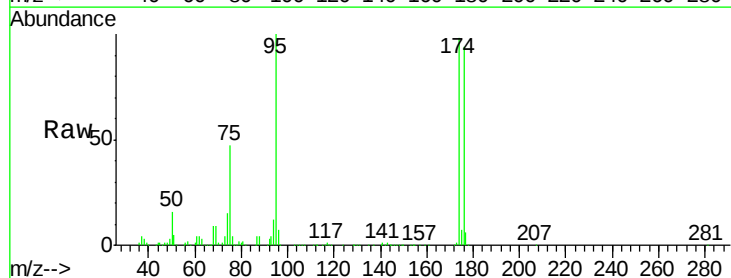
Instrument :
MSVOA_N
ClientSampleId :
TP-2-S

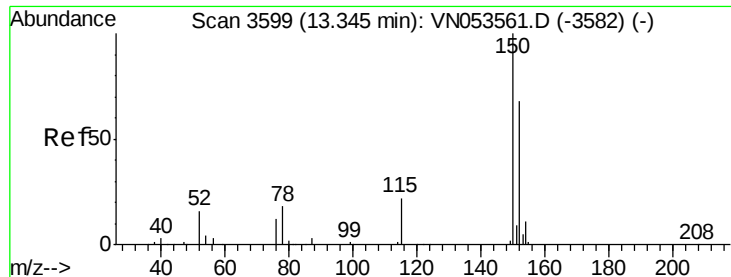
Tot Ion:106 Resp: 30248
Ion Ratio Lower Upper
106 100
91 213.2 106.9 320.8



#71
Bromoform
Concen: 0.621 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN053739.D
Acq: 12 Feb 2019 19:07

Tgt Ion:173 Resp: 3422
Ion Ratio Lower Upper
173 100
175 847.3 24.6 74.0#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampled :

TP-2-S

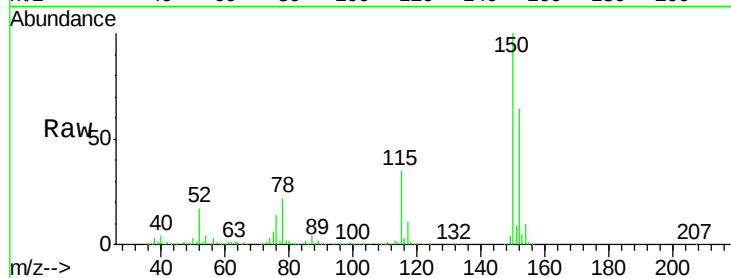
Tot Ion:152 Resp: 477654

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

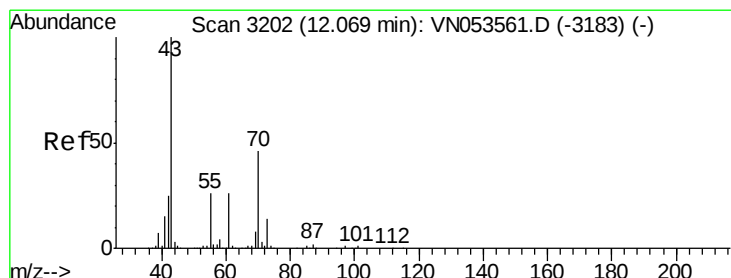
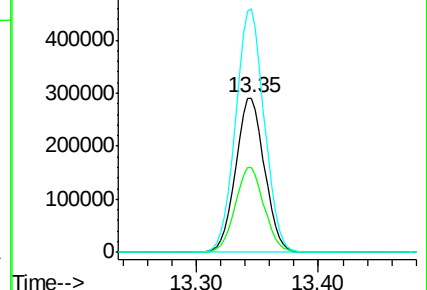
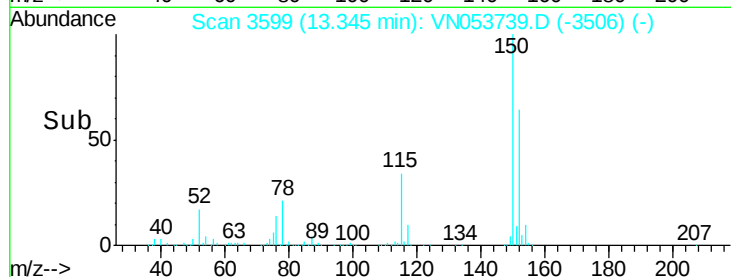
150 156.8 0.0 349.0



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: 2.609 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Tgt Ion: 43 Resp: 21066

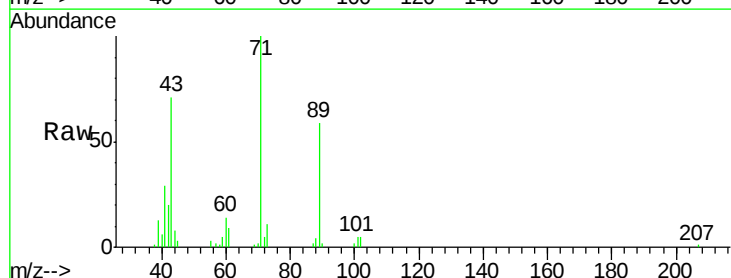
Ion Ratio Lower Upper

43 100

70 2.2 35.4 53.2#

55 5.3 20.9 31.3#

61 11.6 20.5 30.7#

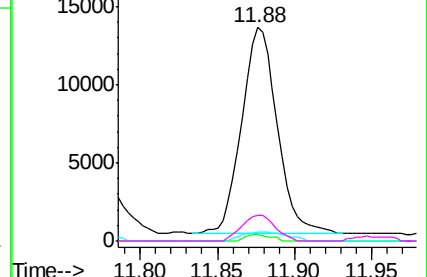
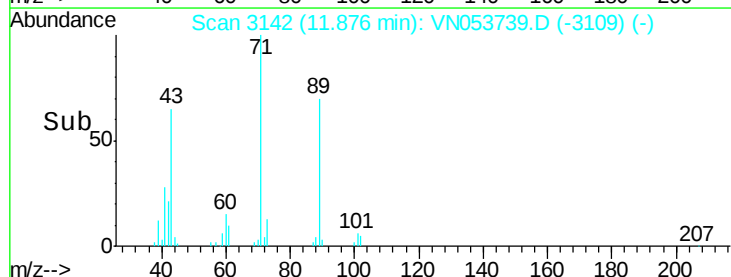


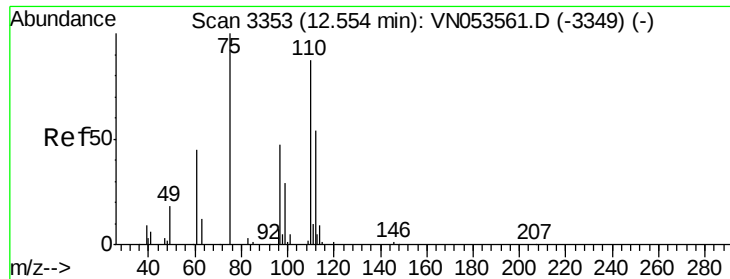
Abundance Ion 43.00 (42.70 to 43.70): V

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: 37.842 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampled :

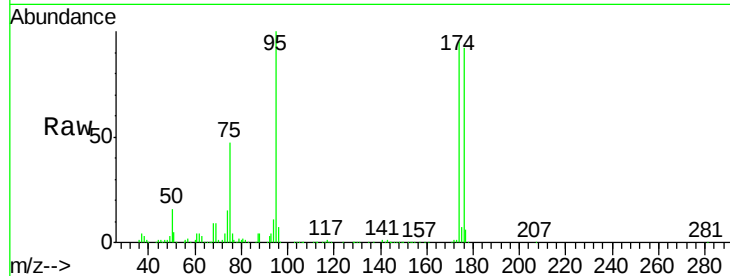
TP-2-S

Tot Ion: 75 Resp: 232165

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

12.40

150000

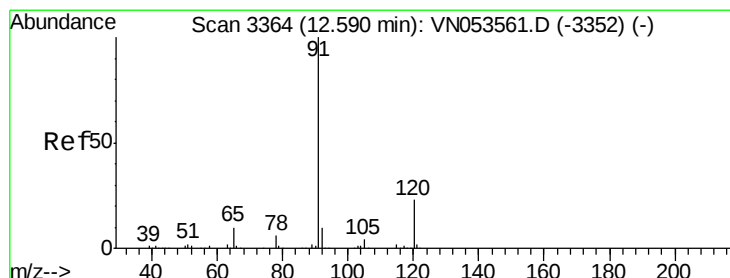
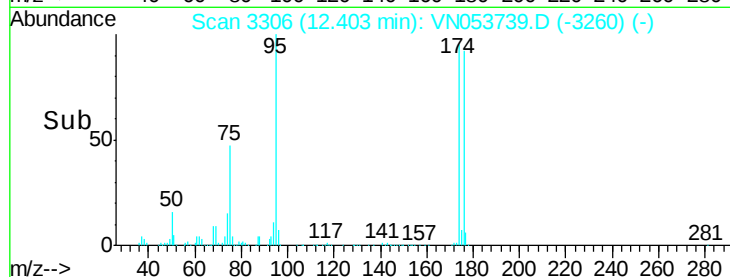
100000

50000

0

Time-->

12.35 12.40 12.45 12.50



#78

n-propylbenzene

Concen: 0.720 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053739.D

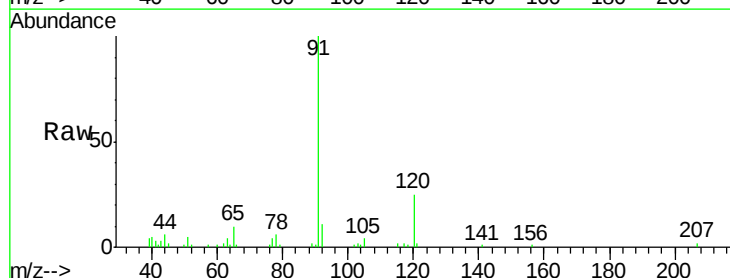
Acq: 12 Feb 2019 19:07

Tgt Ion: 91 Resp: 27944

Ion Ratio Lower Upper

91 100

120 25.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.59

20000

15000

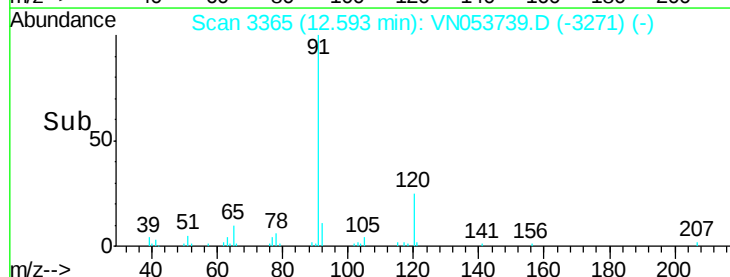
10000

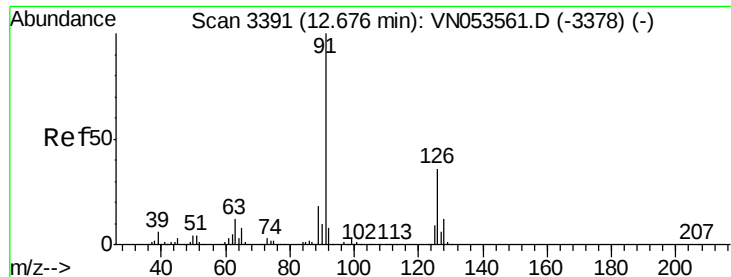
5000

0

Time-->

12.55 12.60 12.65





#79

2-Chlorotoluene

Concen: 0.453 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampled :

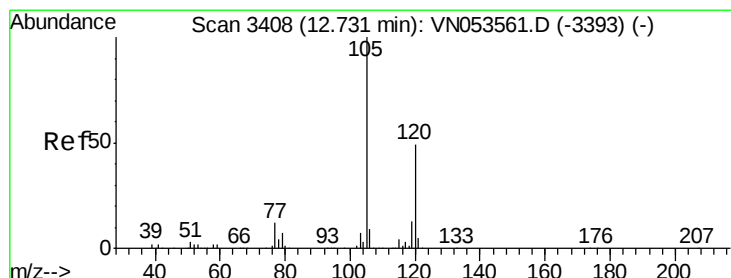
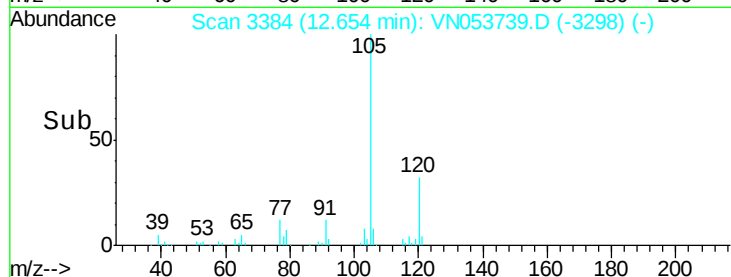
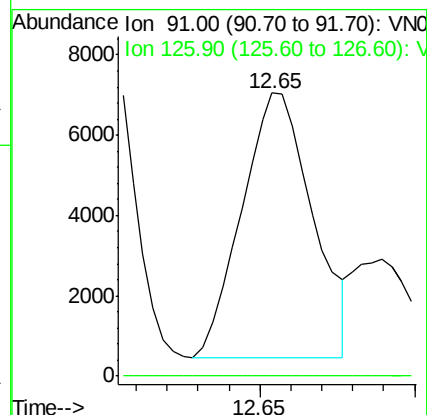
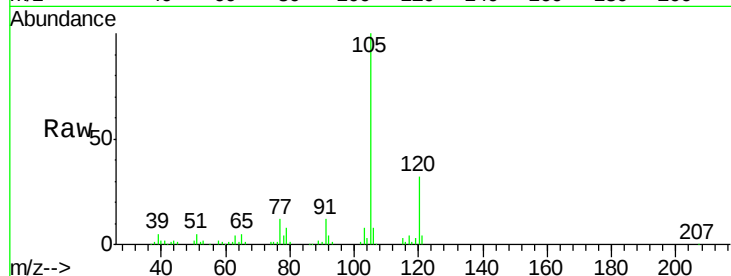
TP-2-S

Tot Ion: 91 Resp: 10435

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#



#80

1,3,5-Trimethylbenzene

Concen: 2.112 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053739.D

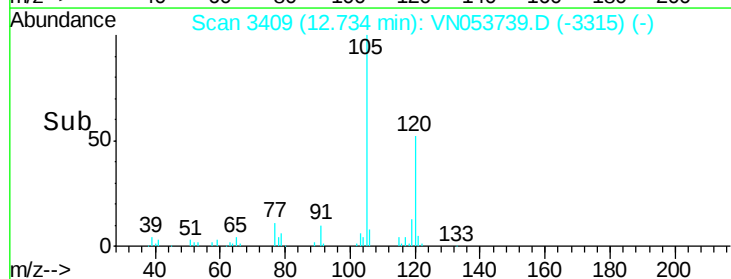
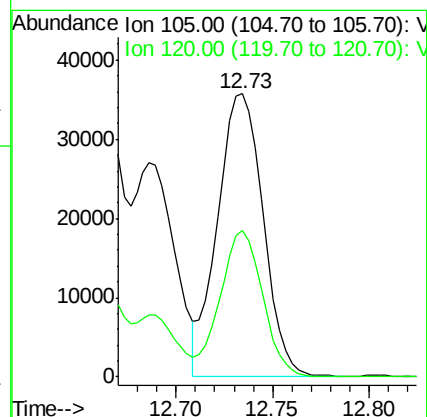
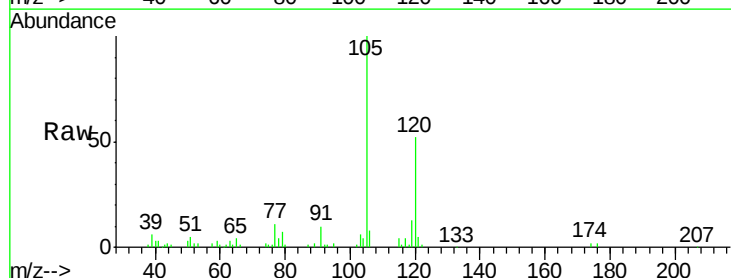
Acq: 12 Feb 2019 19:07

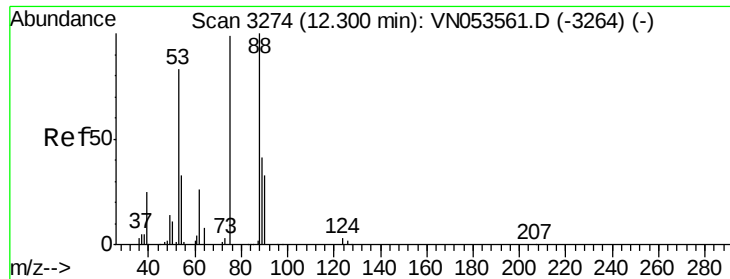
Tgt Ion: 105 Resp: 58799

Ion Ratio Lower Upper

105 100

120 48.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 106.408 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampled :

TP-2-S

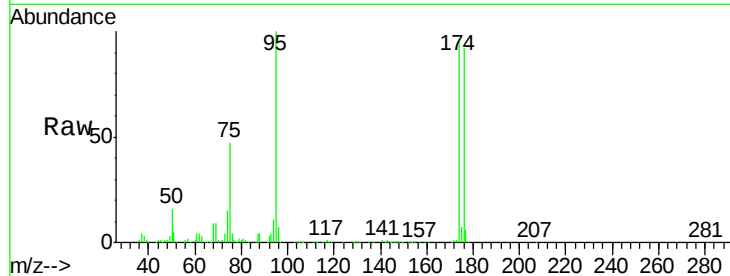
Tot Ion: 75 Resp: 232165

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

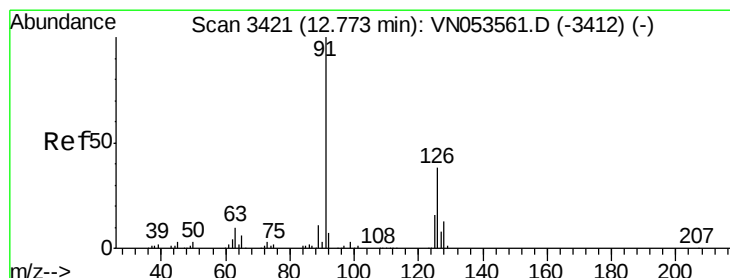
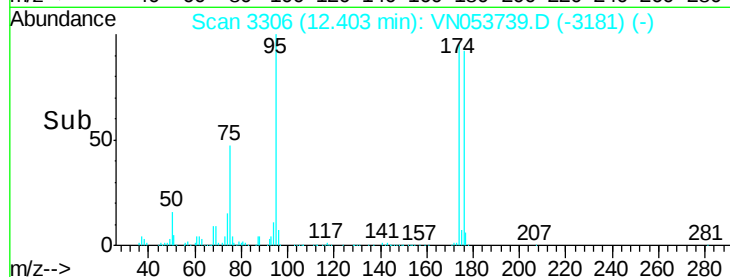
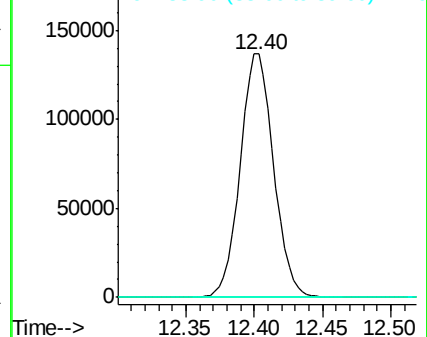
89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 0.244 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN053739.D

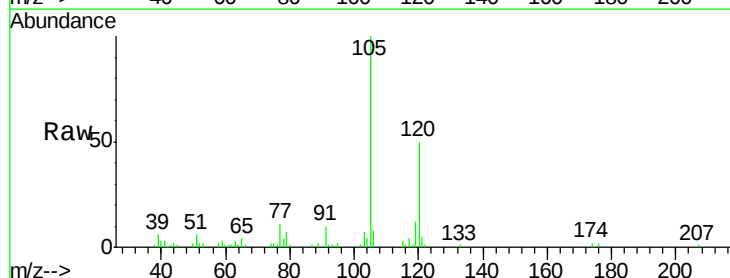
Acq: 12 Feb 2019 19:07

Tgt Ion: 91 Resp: 5762

Ion Ratio Lower Upper

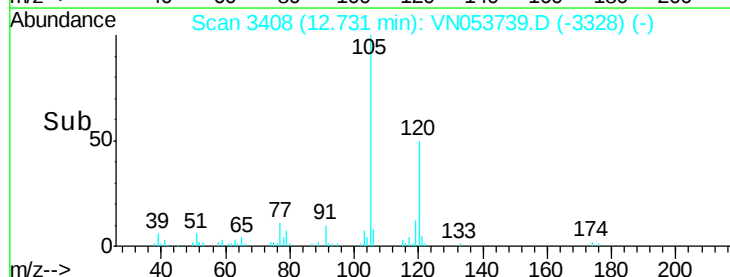
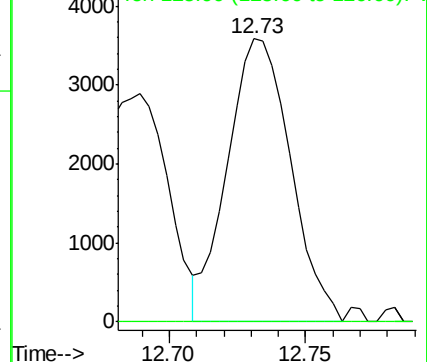
91 100

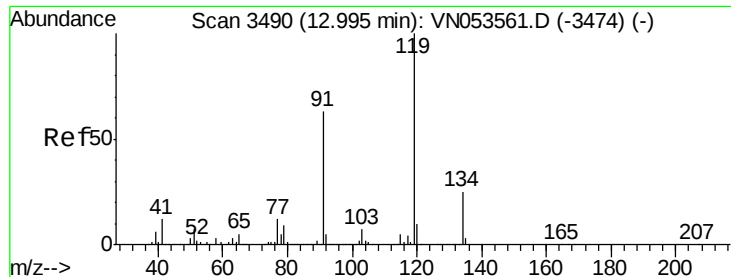
126 0.0 17.6 52.9#



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): V

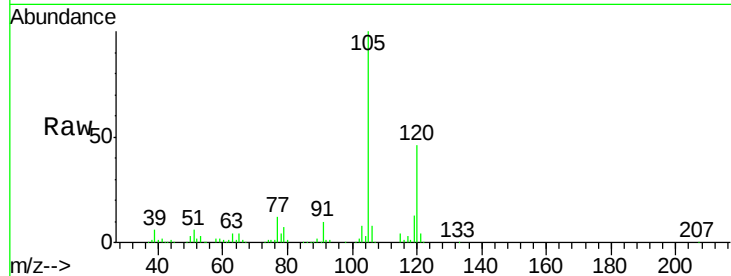




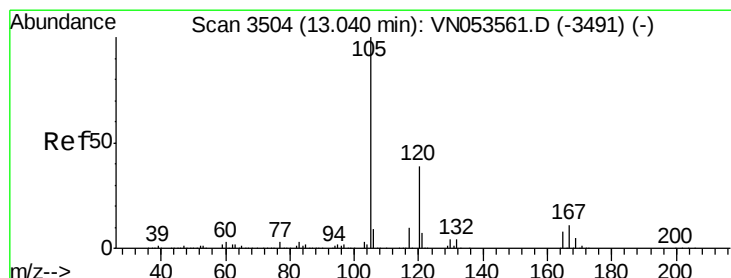
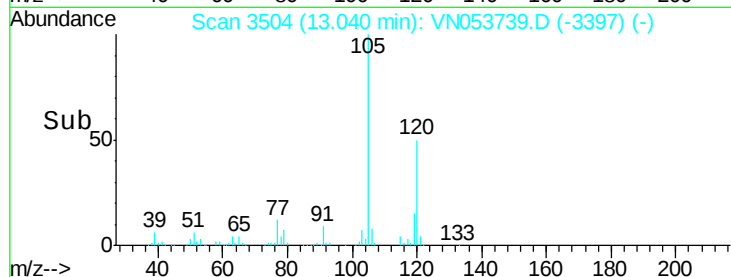
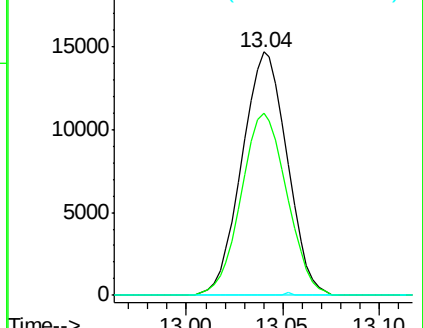
#83
tert-Butylbenzene
Concen: 0.971 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN053739.D
Acq: 12 Feb 2019 19:07

Instrument :
MSVOA_N
ClientSampleId :
TP-2-S

Tot Ion:119 Resp: 23890
Ion Ratio Lower Upper
119 100
91 75.7 31.3 93.8
134 0.1 12.9 38.7#

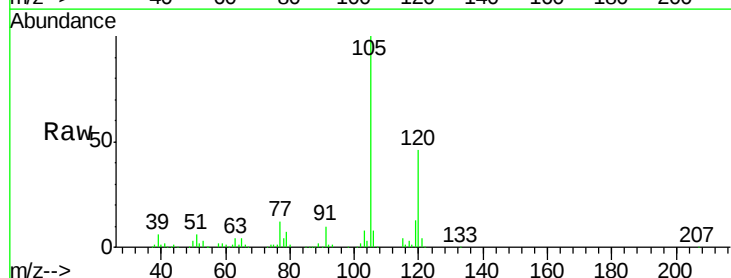


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

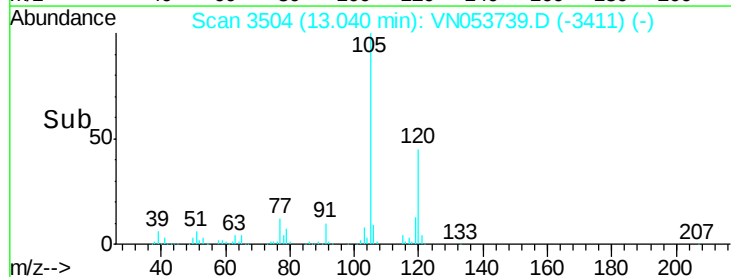
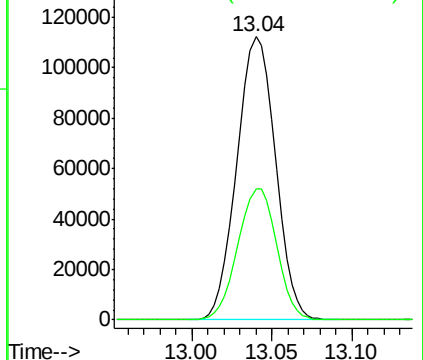


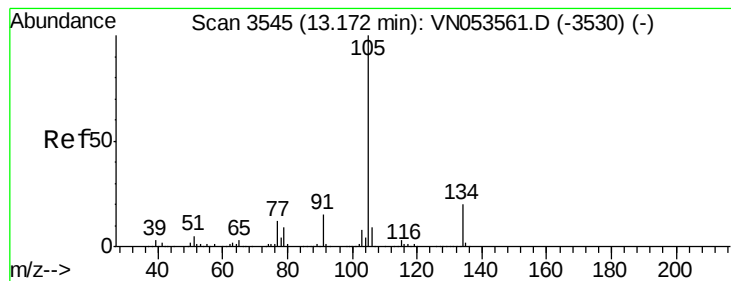
#84
1,2,4-Trimethylbenzene
Concen: 6.518 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053739.D
Acq: 12 Feb 2019 19:07

Tgt Ion:105 Resp: 184901
Ion Ratio Lower Upper
105 100
120 46.6 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.521 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

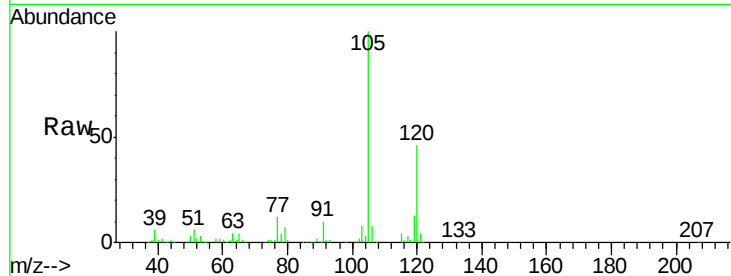
TP-2-S

Tot Ion:105 Resp: 184901

Ion Ratio Lower Upper

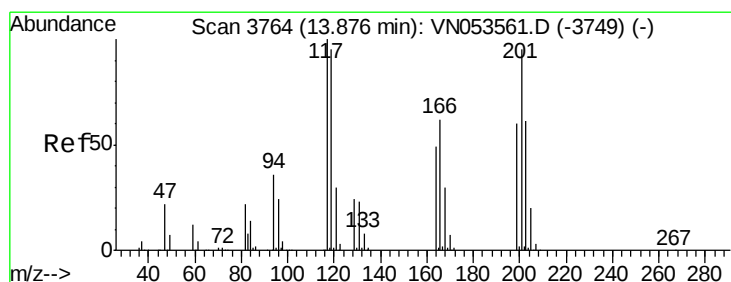
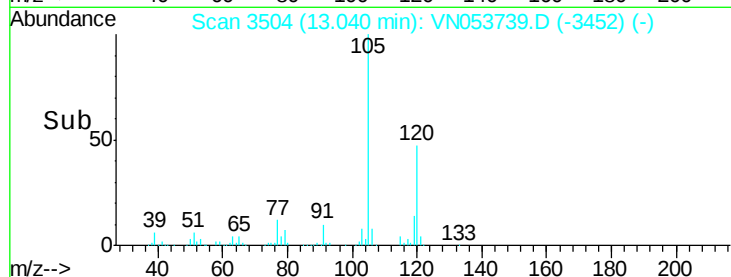
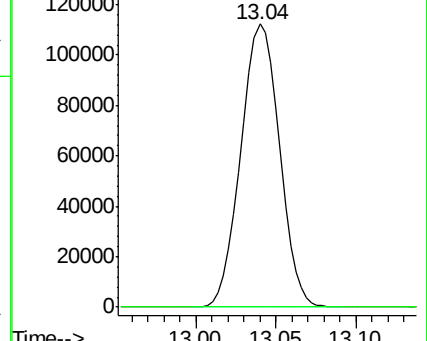
105 100

134 0.0 10.2 30.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.572 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN053739.D

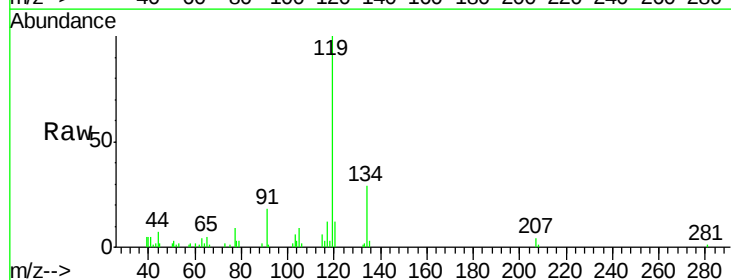
Acq: 12 Feb 2019 19:07

Tgt Ion:117 Resp: 2763

Ion Ratio Lower Upper

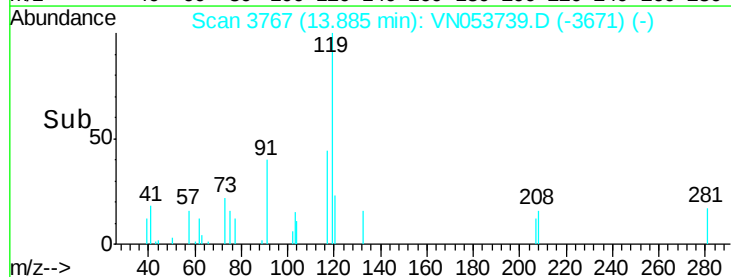
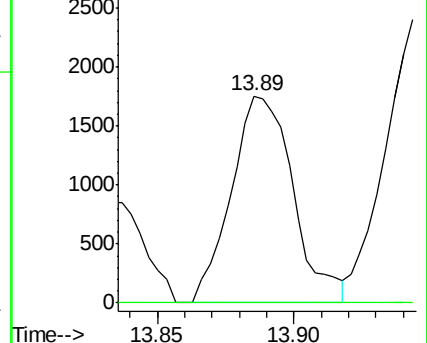
117 100

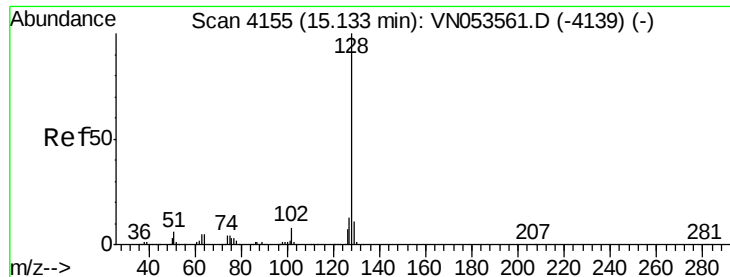
201 0.0 46.8 140.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95

Naphthalene

Concen: 3.873 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053739.D

Acq: 12 Feb 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

TP-2-S

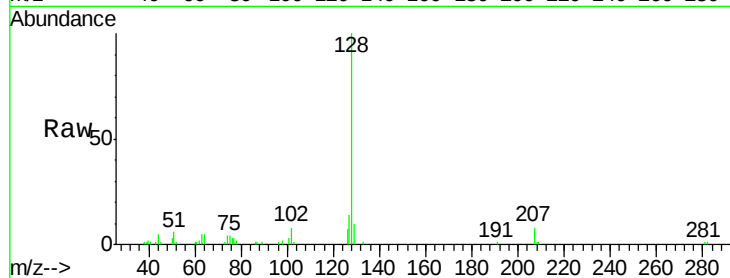
Tot Ion:128 Resp: 46441

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

