

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021519\
 Data File : VN053803.D
 Acq On : 15 Feb 2019 16:38
 Operator : JC/SP
 Sample : K1346-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 23:25:56 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	673540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1138455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1050281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	436644	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	359972	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
35) Dibromofluoromethane	7.59	113	363118	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.09	98	1382469	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.40	95	456064	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	

Target Compounds

						Qvalue
14) Allyl chloride	4.55	41	17557	1.768	ug/l #	27
16) Acetone	3.82	43	13667	7.886	ug/l	90
18) Methyl Acetate	4.34	43	3845	0.749	ug/l #	74
20) Methylene Chloride	4.56	84	486717	66.937	ug/l	97
25) 2-Butanone	6.85	43	3682	1.490	ug/l #	76
29) Tetrahydrofuran	7.22	42	1089	0.686	ug/l #	65
31) Cyclohexane	7.67	56	9373	0.653	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	39791	3.877	ug/l #	49
38) Carbon Tetrachloride	7.67	117	54008	5.224	ug/l #	16
43) Isopropyl Acetate	8.18	43	37579	3.395	ug/l #	76
45) 1,2-Dichloropropane	9.27	63	1755	0.217	ug/l #	43
48) Methyl methacrylate	9.18	41	8259	1.563	ug/l #	12
49) 1,4-Dioxane	9.27	88	142	40.880	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	8094	1.488	ug/l #	34
52) Toluene	10.15	92	6682	0.356	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	65719	5.459	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	12586	1.088	ug/l #	43
59) 2-Hexanone	10.76	43	163483	44.273	ug/l #	50
67) Ethyl Benzene	11.51	91	222970	6.084	ug/l	98
68) m/p-Xylenes	11.62	106	448229	32.047	ug/l	99
69) o-Xylene	11.95	106	198166	14.665	ug/l	99
70) Styrene	11.95	104	12468	0.569	ug/l #	1
71) Bromoform	12.40	173	2742	0.513	ug/l #	1
73) Isopropylbenzene	12.25	105	11984	0.390	ug/l	100
74) N-amyl acetate	11.88	43	17457	2.365	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	211231	37.663	ug/l #	100
78) n-propylbenzene	12.59	91	80330	2.264	ug/l	99
79) 2-Chlorotoluene	12.65	91	53442	2.539	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	322218	12.659	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	211231	105.906	ug/l #	15
82) 4-Chlorotoluene	12.73	91	32781	1.517	ug/l #	39
83) tert-Butylbenzene	13.04	119	212352	9.439	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.04	105	1676768	64.658	ug/l	100
85) sec-Butylbenzene	13.04	105	1676768	54.771	ug/l #	56

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

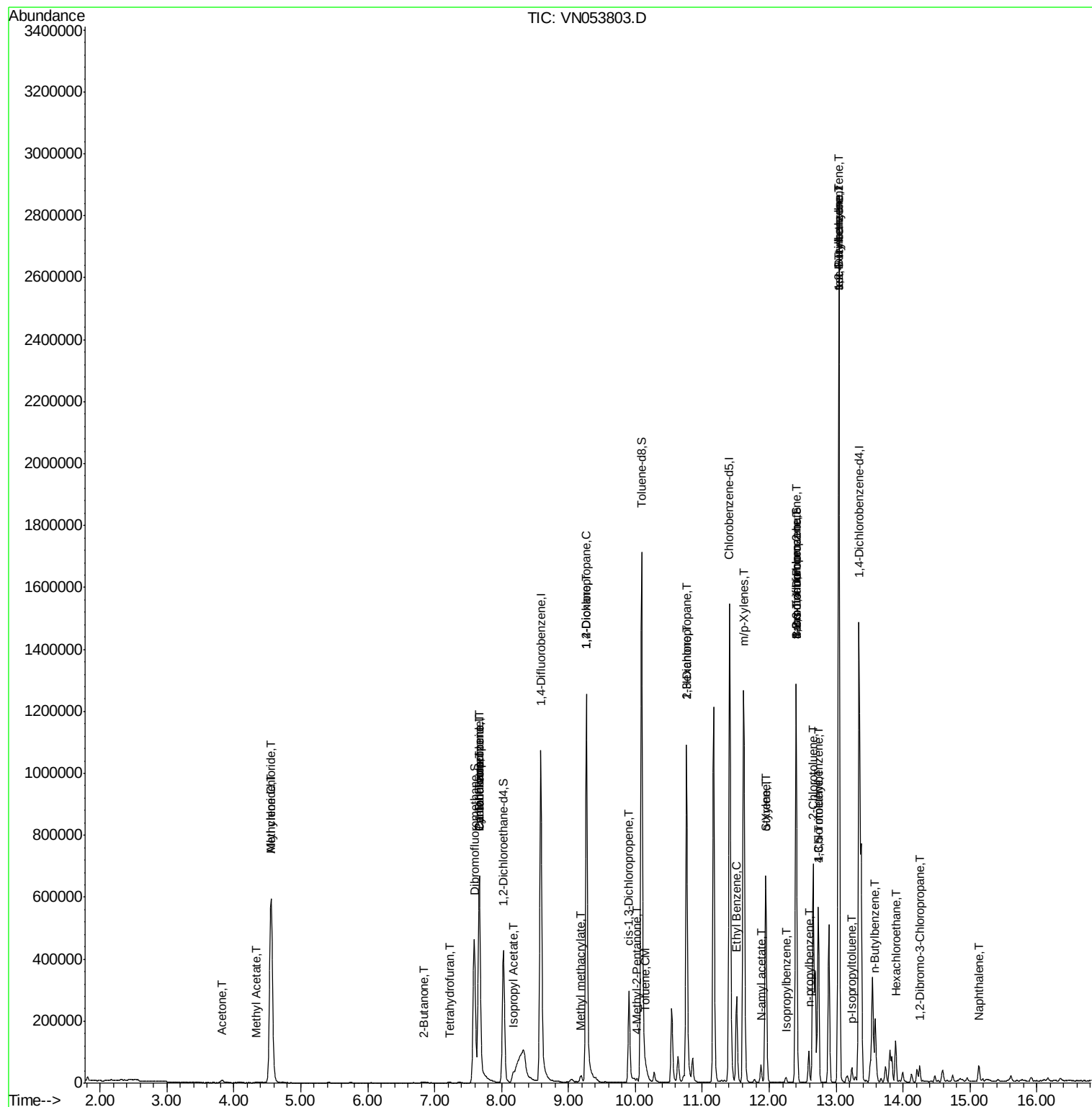
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.23	119	27943	1.044	ug/l	97
89) n-Butylbenzene	13.58	91	10515	0.454	ug/l #	1
90) Hexachloroethane	13.89	117	6986	1.582	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.25	75	235	0.224	ug/l #	1
95) Naphthalene	15.13	128	46377	4.070	ug/l	99

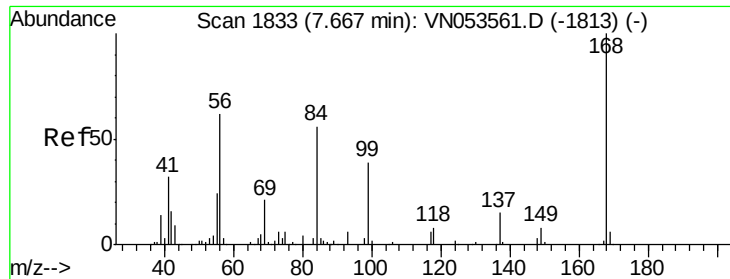
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021519\
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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: VN053803.D

Acq: 15 Feb 2019 16:38

Instrument :

MSVOA_N

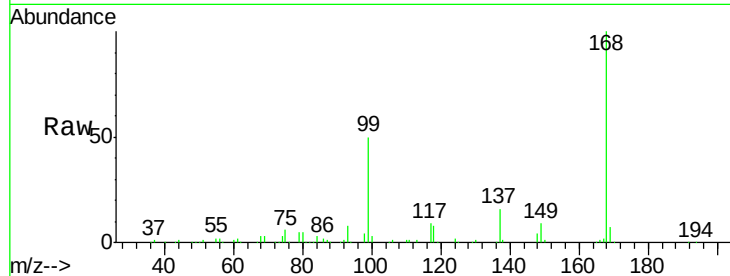
ClientSampleId :

Tot Ion:168 Resp: 673540

Ion Ratio Lower Upper

168 100

99 49.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

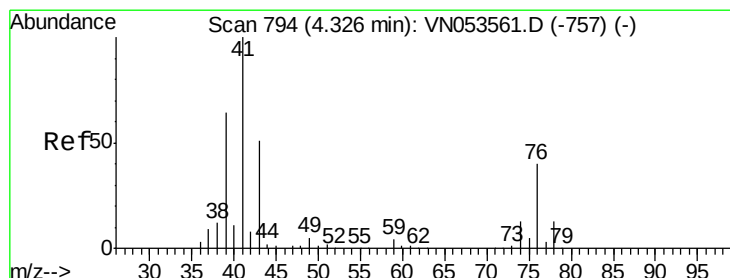
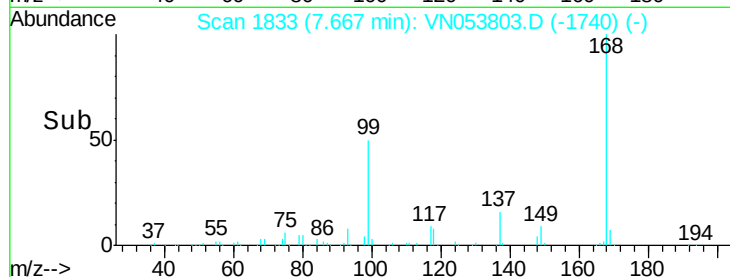
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#14

Allyl chloride

Concen: 1.768 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN053803.D

Acq: 15 Feb 2019 16:38

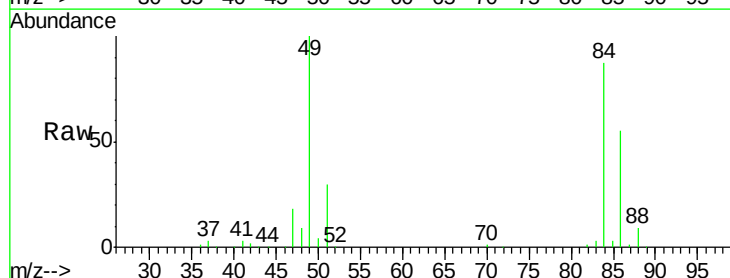
Tgt Ion: 41 Resp: 17557

Ion Ratio Lower Upper

41 100

39 0.0 48.9 73.3#

76 0.0 29.4 44.2#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

4.55

8000

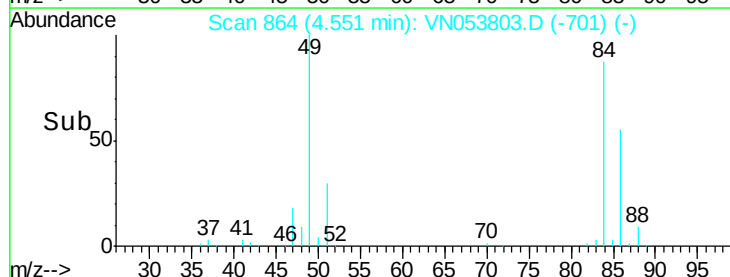
6000

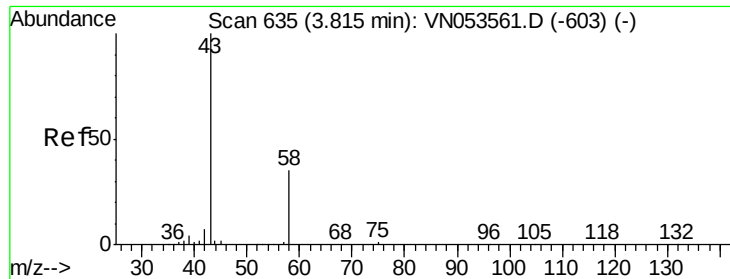
4000

2000

0

Time--> 4.45 4.50 4.55 4.60 4.65





#16

Acetone

Concen: 7.886 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053803.D

Acq: 15 Feb 2019 16:38

Instrument :

MSVOA_N

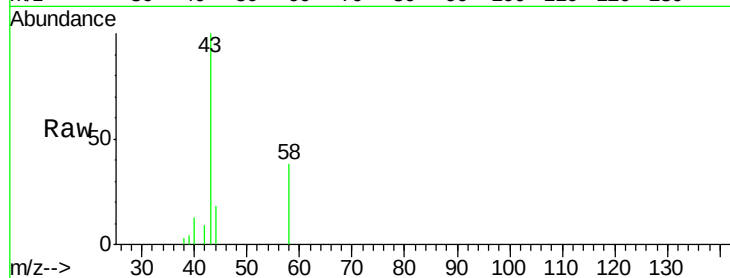
ClientSampleId :

Tot Ion: 43 Resp: 13667

Ion Ratio Lower Upper

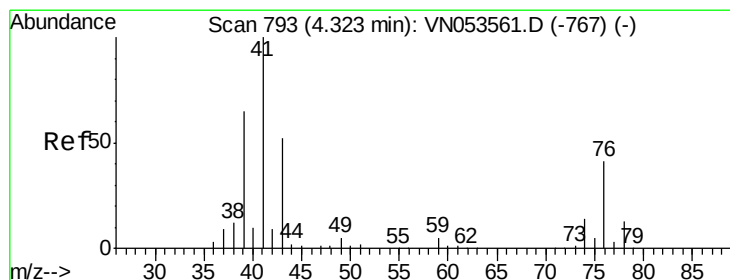
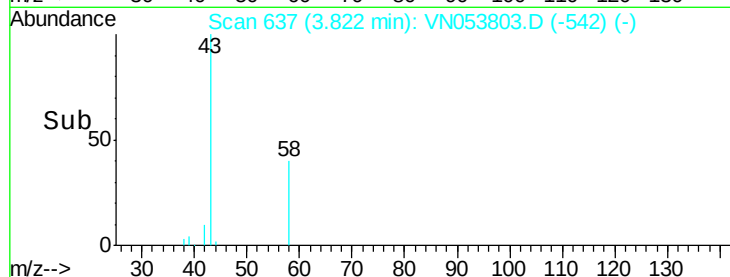
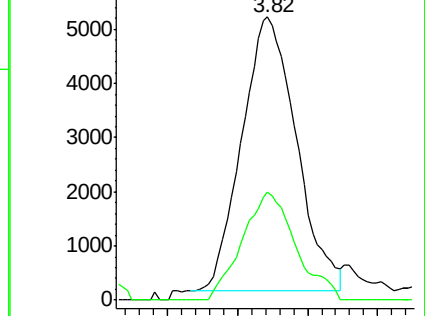
43 100

58 39.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.749 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN053803.D

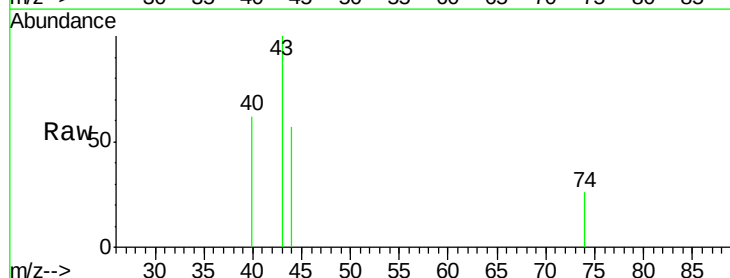
Acq: 15 Feb 2019 16:38

Tgt Ion: 43 Resp: 3845

Ion Ratio Lower Upper

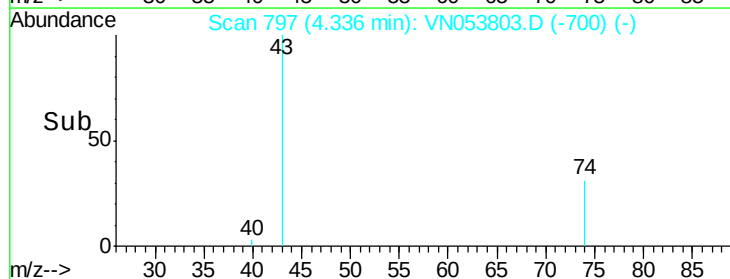
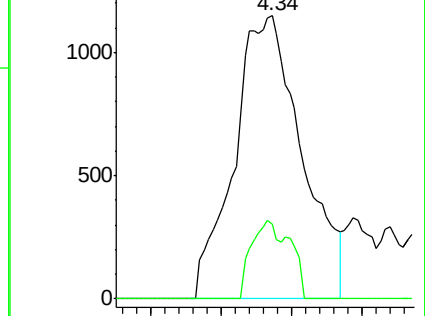
43 100

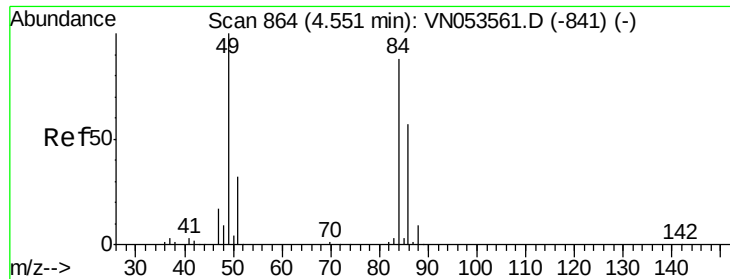
74 11.4 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

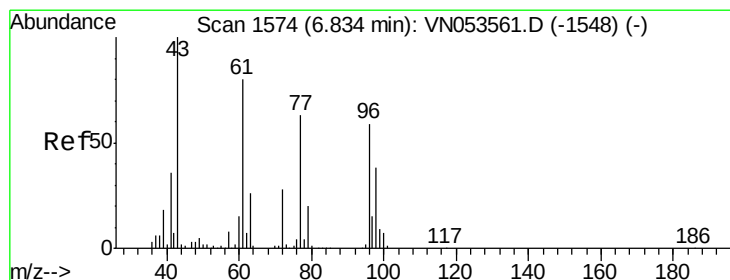
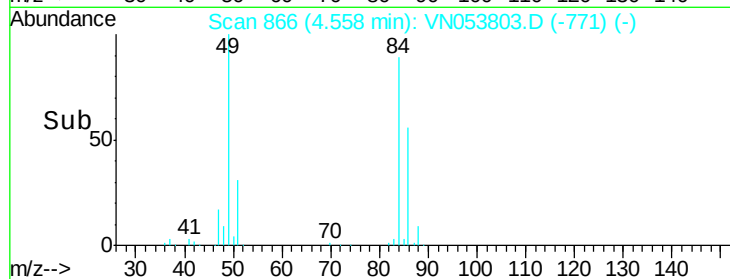
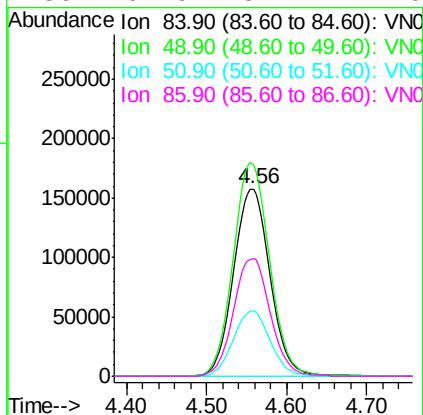
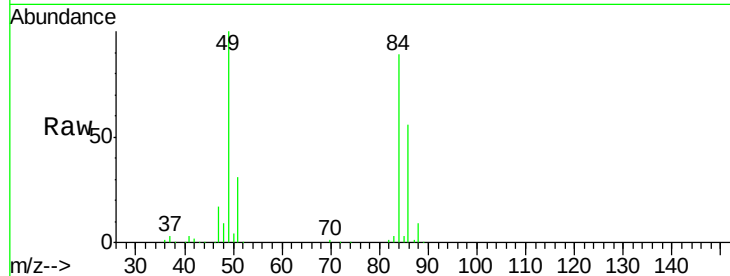




#20
Methvlene Chloride
Concen: 66.937 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

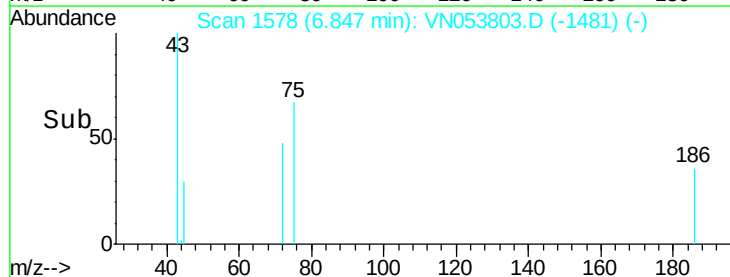
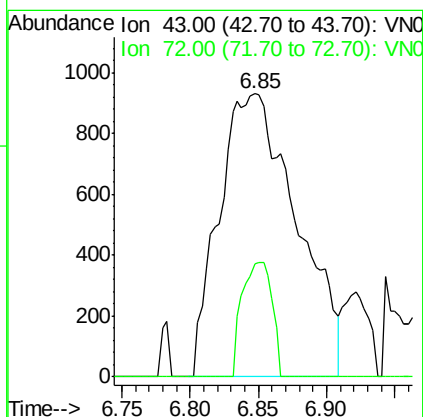
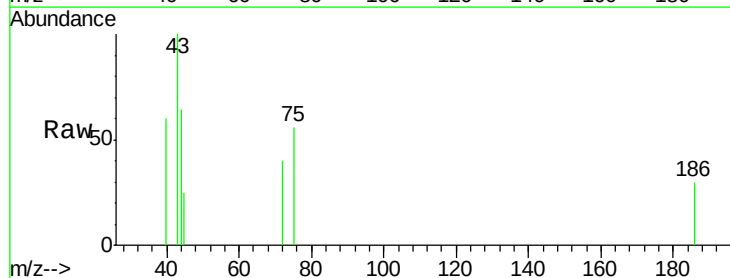
Instrument :
MSVOA_N
ClientSampled :

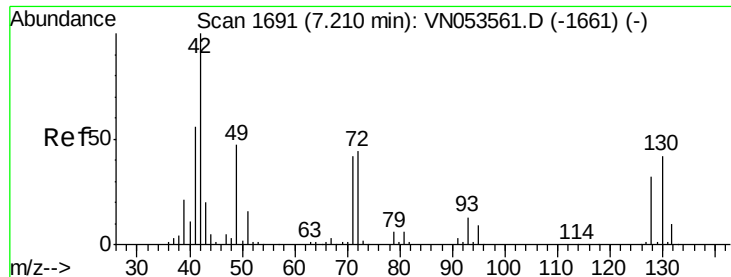
Tot Ion:	84	Resp:	486717
Ion	Ratio	Lower	Upper
84	100		
49	113.0	94.3	141.5
51	35.0	29.4	44.2
86	62.9	51.4	77.0



#25
2-Butanone
Concen: 1.490 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

Tgt Ion:	43	Resp:	3682
Ion	Ratio	Lower	Upper
43	100		
72	39.8	22.0	33.0#

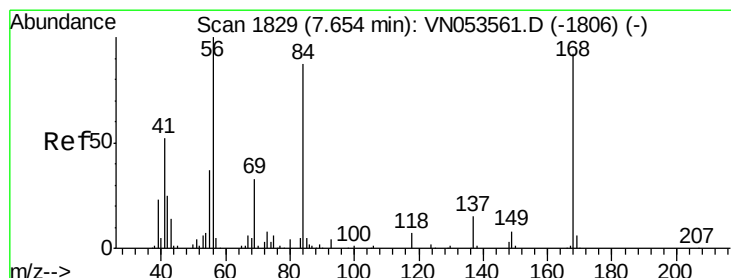
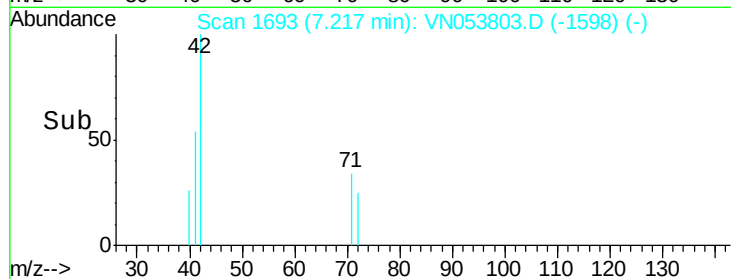
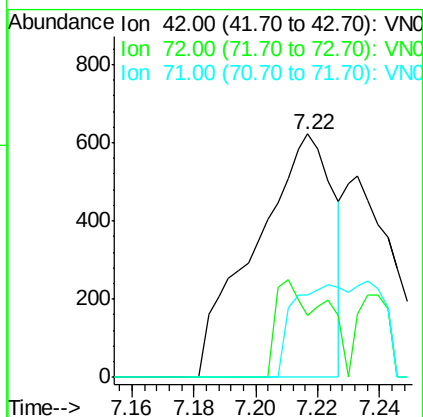
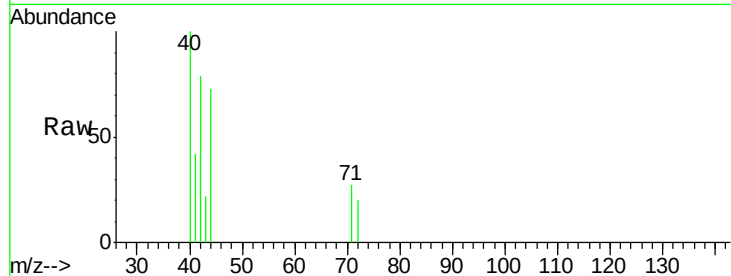




#29
Tetrahydrofuran
Concen: 0.686 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

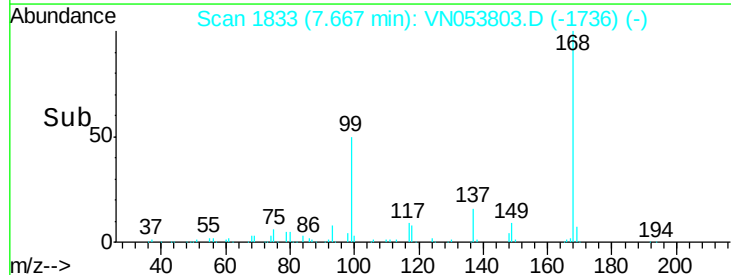
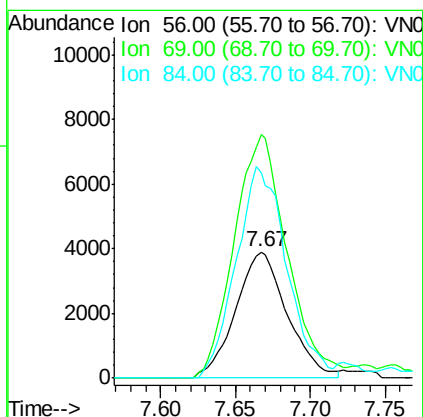
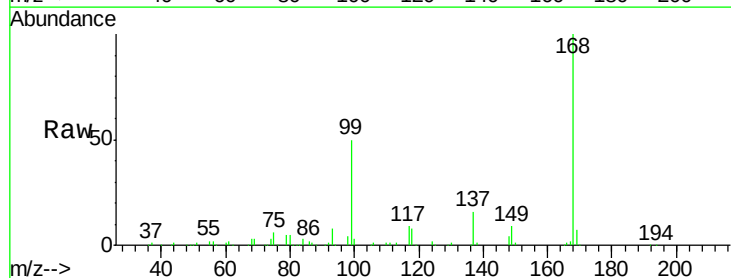
Instrument :
MSVOA_N
ClientSampleId :

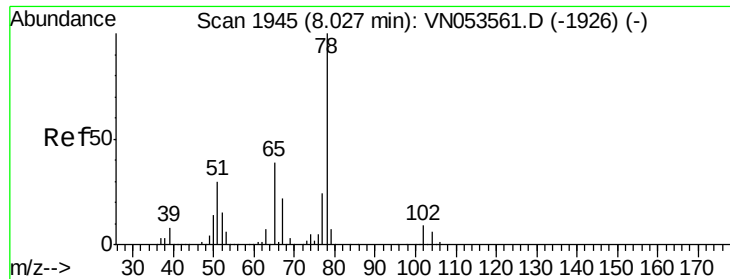
Tot Ion: 42 Resp: 1089
Ion Ratio Lower Upper
42 100
72 14.8 35.2 52.8#
71 26.7 33.0 49.4#



#31
Cyclohexane
Concen: 0.653 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

Tgt Ion: 56 Resp: 9373
Ion Ratio Lower Upper
56 100
69 193.2 26.4 39.6#
84 162.8 67.9 101.9#

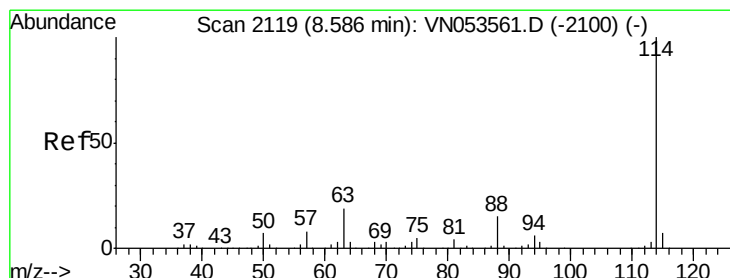
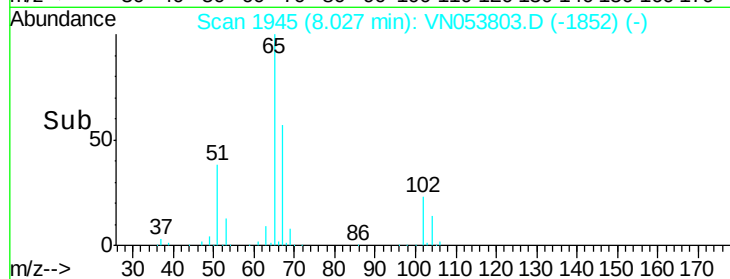
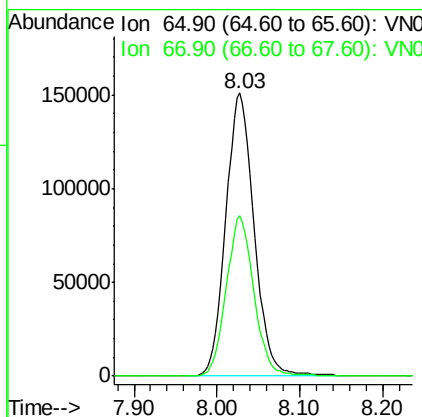
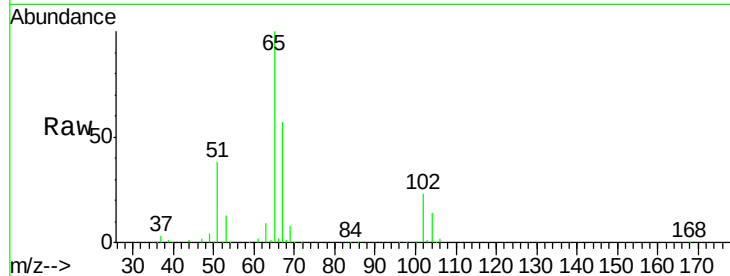




#33
 1,2-Dichloroethane-d4
 Concen: 53.275 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053803.D
 Acq: 15 Feb 2019 16:38

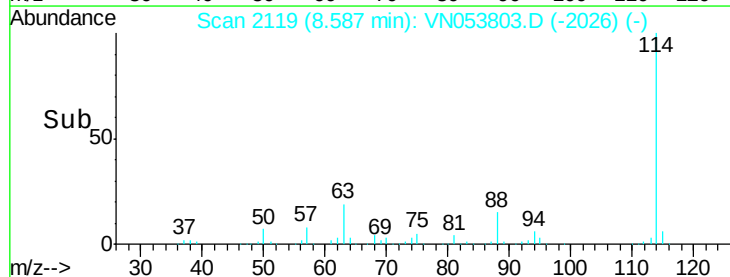
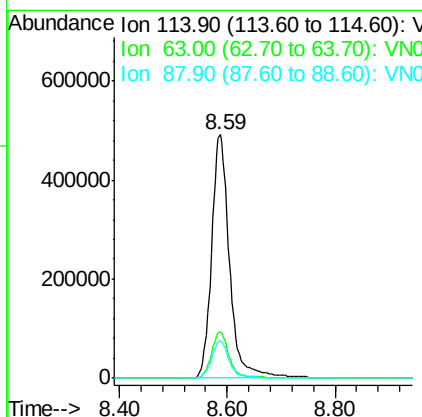
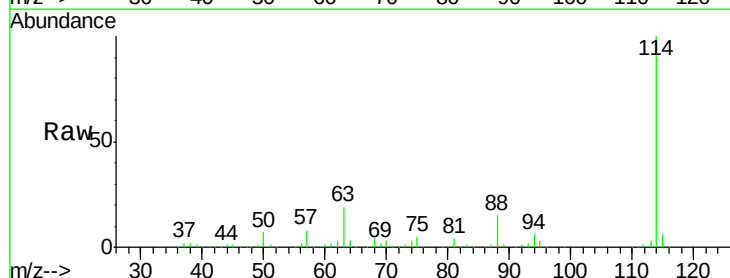
Instrument :
 MSVOA_N
 ClientSampleId :

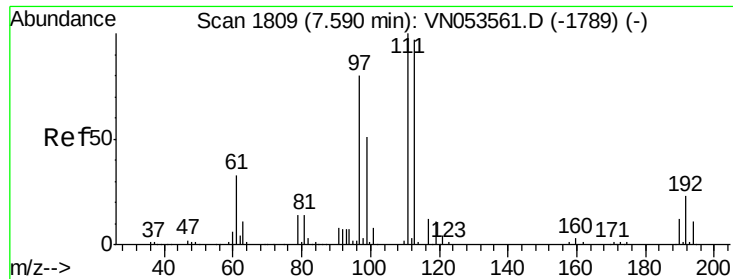
Tot Ion: 65 Resp: 359972
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053803.D
 Acq: 15 Feb 2019 16:38

Tgt Ion: 114 Resp: 1138455
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.478 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053803.D

Acq: 15 Feb 2019 16:38

Instrument :
MSVOA_N
ClientSampleId :

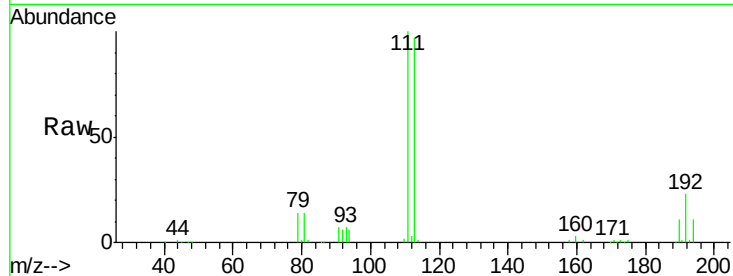
Tot Ion:113 Resp: 363118

Ion Ratio Lower Upper

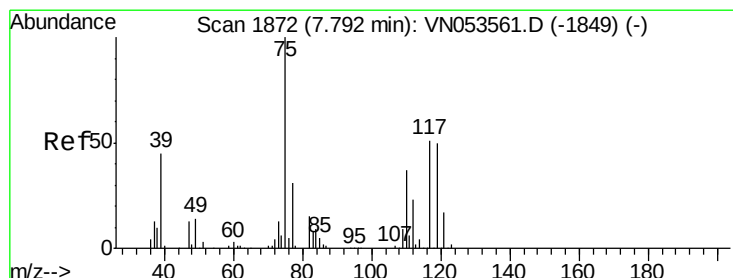
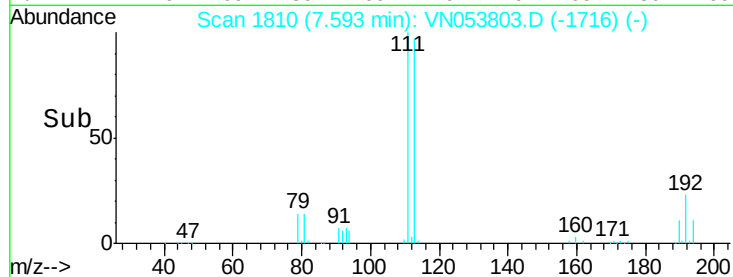
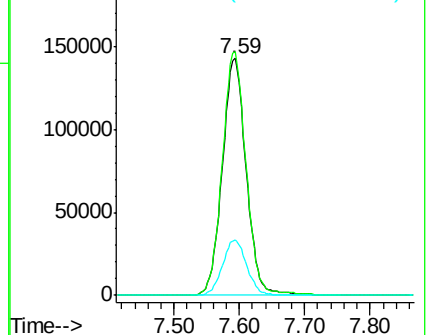
113 100

111 102.4 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: 3.877 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053803.D

Acq: 15 Feb 2019 16:38

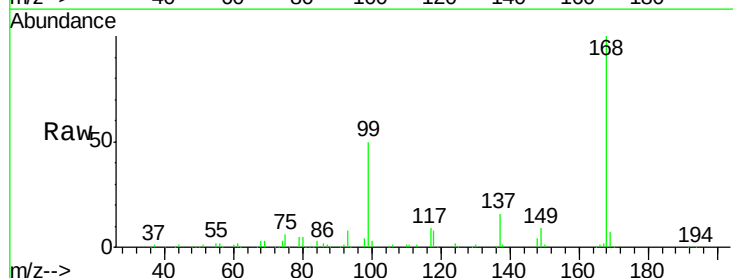
Tgt Ion: 75 Resp: 39791

Ion Ratio Lower Upper

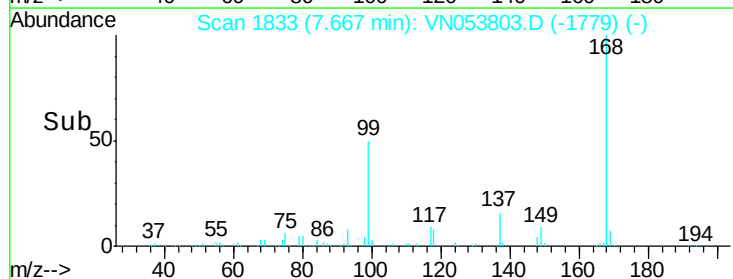
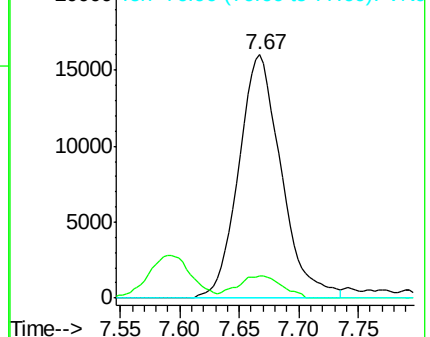
75 100

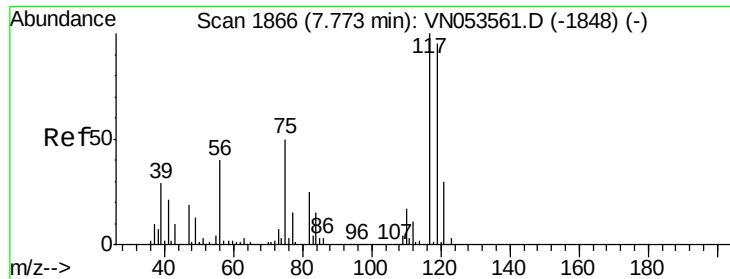
110 9.6 18.1 54.3#

77 0.0 25.1 37.7#



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

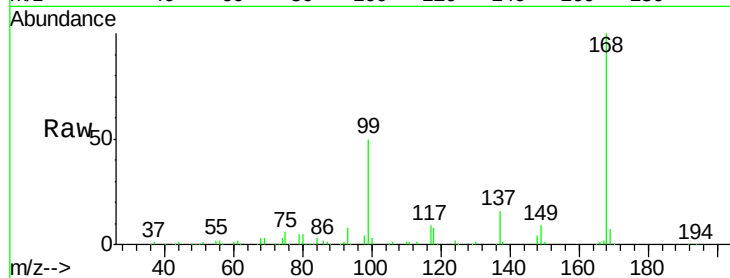




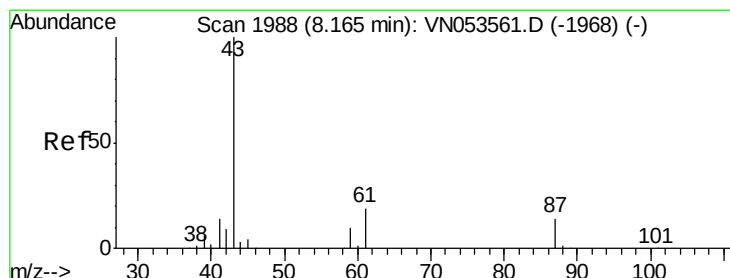
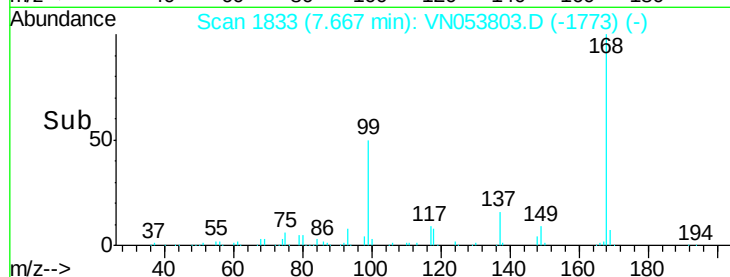
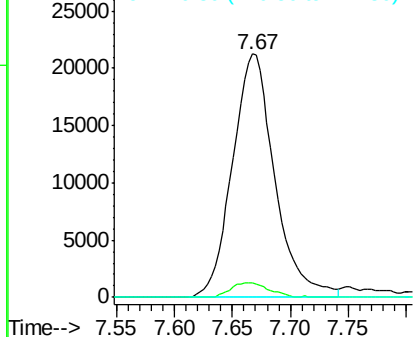
#38
Carbon Tetrachloride
Concen: 5.224 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 54008
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 24.6 37.0#

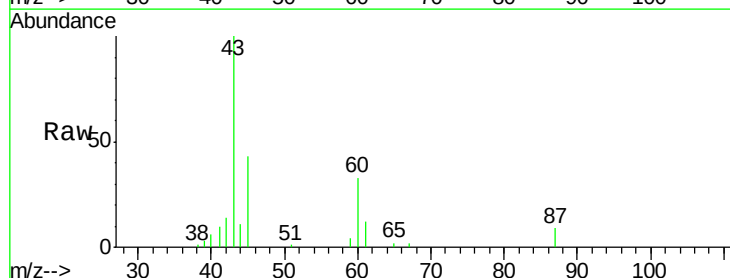


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

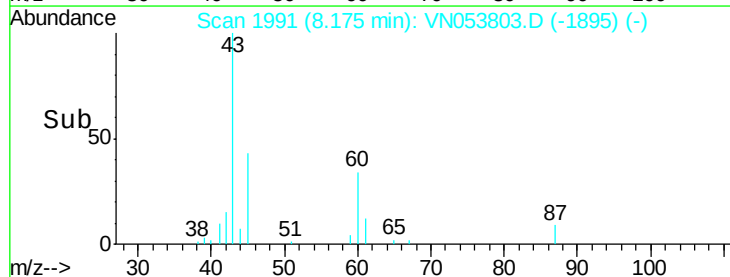
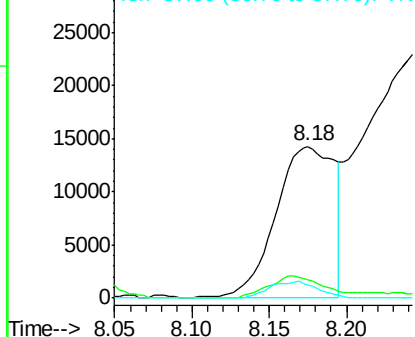


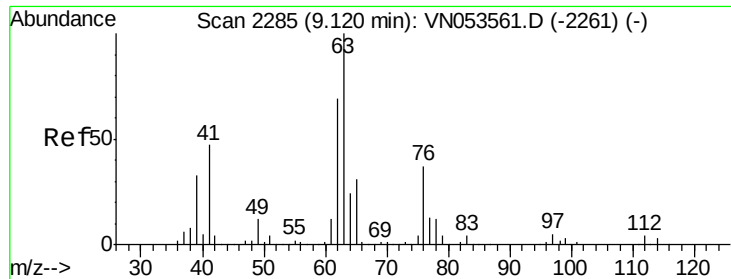
#43
Isopropyl Acetate
Concen: 3.395 ug/l
RT: 8.18 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

Tgt Ion: 43 Resp: 37579
Ion Ratio Lower Upper
43 100
61 13.8 23.9 35.9#
87 9.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO

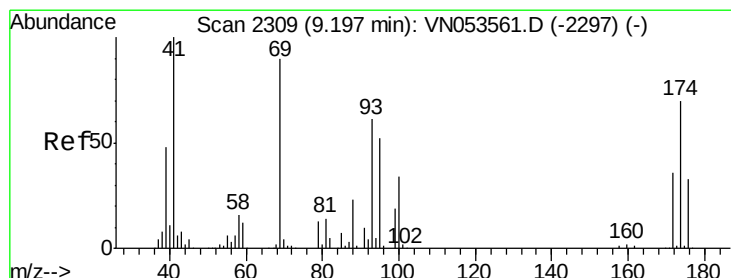
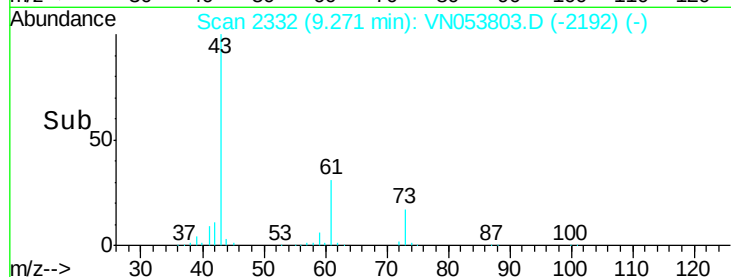
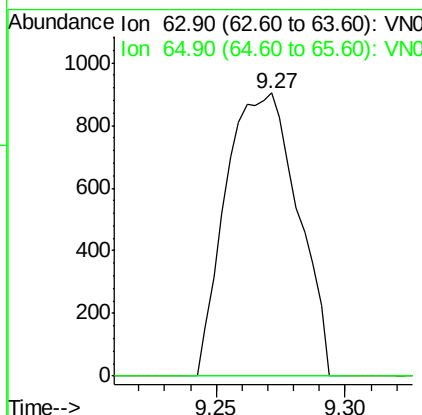
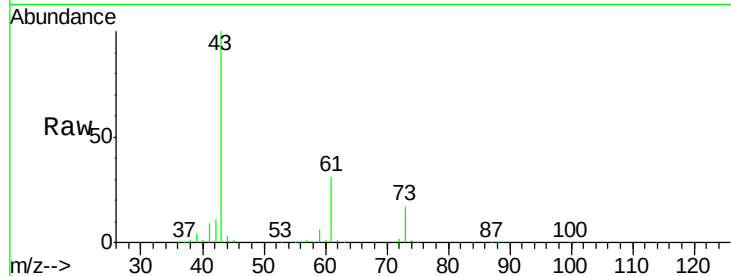




#45
 1,2-Dichloropropane
 Concen: 0.217 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN053803.D
 Acq: 15 Feb 2019 16:38

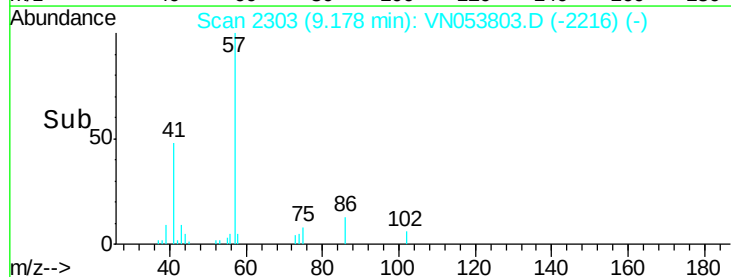
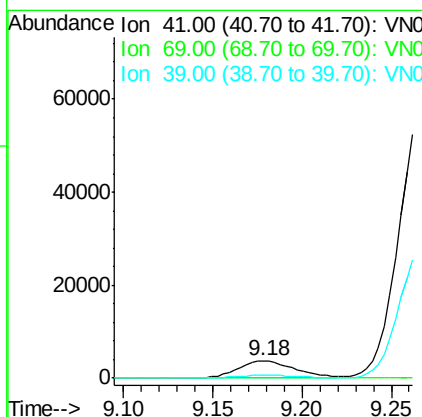
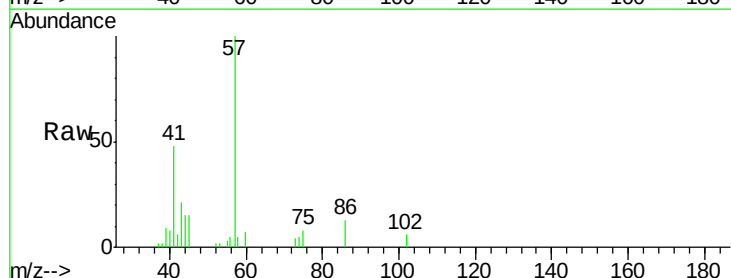
Instrument :
 MSVOA_N
 ClientSampled :

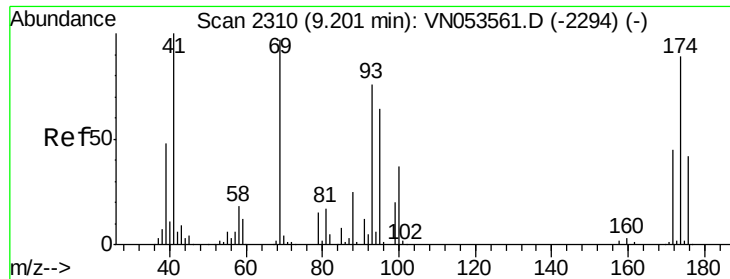
Tot Ion: 63 Resp: 1755
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 1.563 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN053803.D
 Acq: 15 Feb 2019 16:38

Tgt Ion: 41 Resp: 8259
 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: 40.880 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN053803.D

Acq: 15 Feb 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

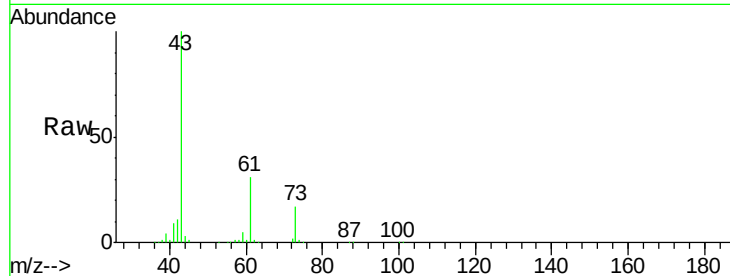
Tot Ion: 88 Resp: 142

Ion Ratio Lower Upper

88 100

43 955364.1 27.8 41.6#

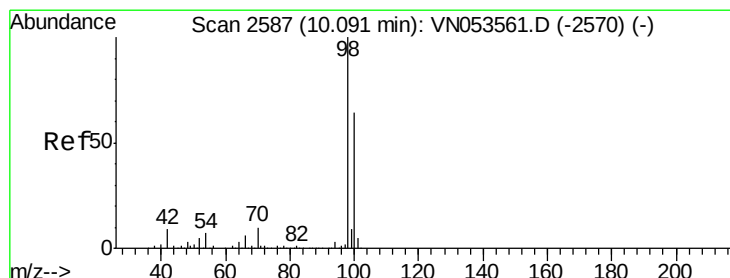
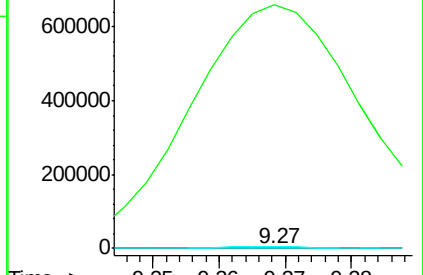
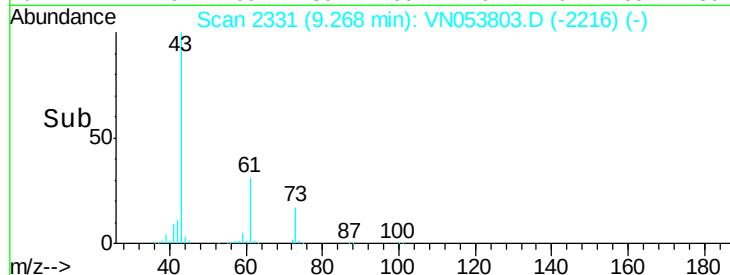
58 4884.5 56.5 84.7#



Abundance Ion 88.00 (87.70 to 88.70): VN053803.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN053803.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN053803.D (-2216) (-)



#50

Toluene-d8

Concen: 51.183 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053803.D

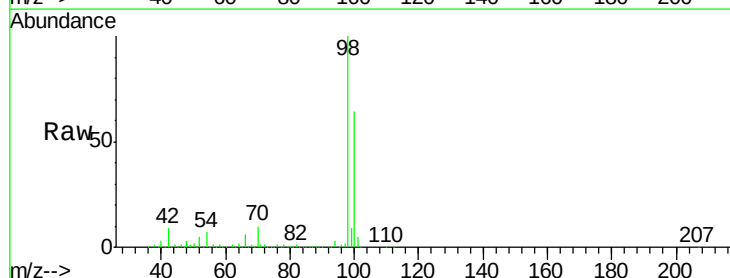
Acq: 15 Feb 2019 16:38

Tgt Ion: 98 Resp: 1382469

Ion Ratio Lower Upper

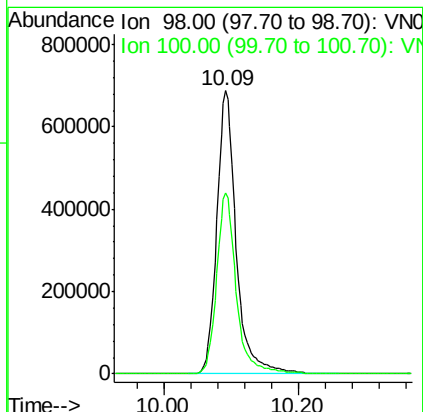
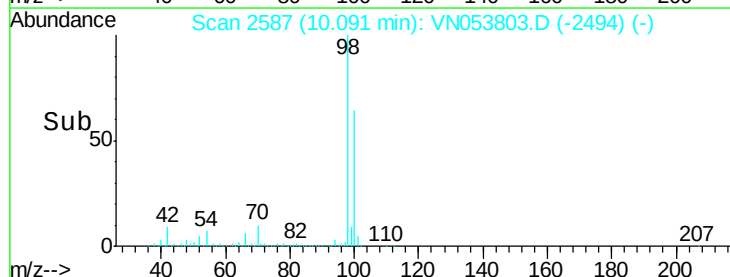
98 100

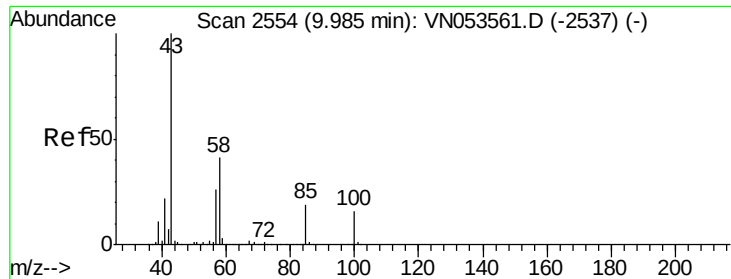
100 64.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053803.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053803.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 1.488 ug/l

RT: 10.02 min Scan# 2565

Delta R.T. 0.04 min

Lab File: VN053803.D

Acq: 15 Feb 2019 16:38

Instrument :

MSVOA_N

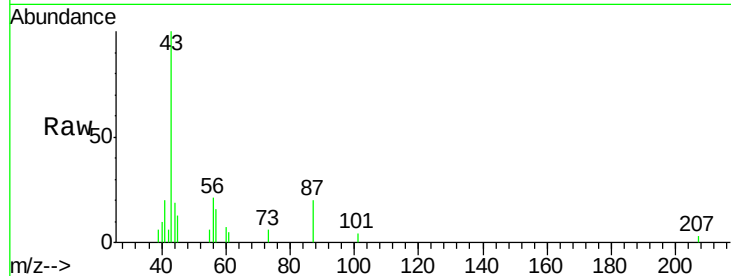
ClientSampled :

Tot Ion: 43 Resp: 8094

Ion Ratio Lower Upper

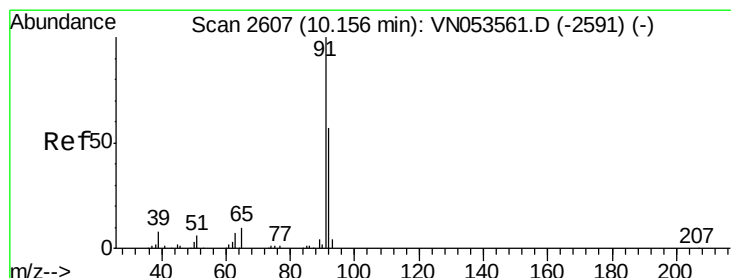
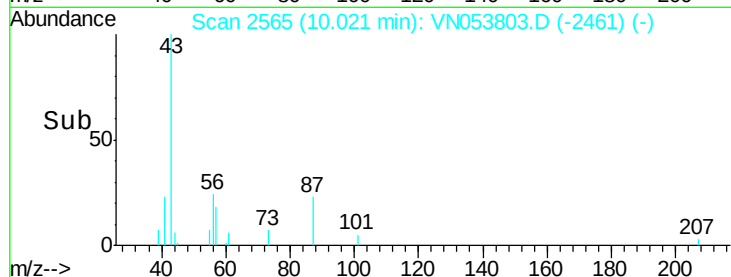
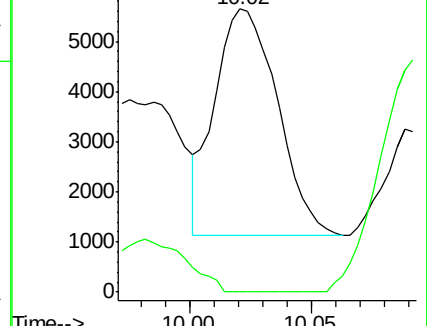
43 100

58 0.0 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.356 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN053803.D

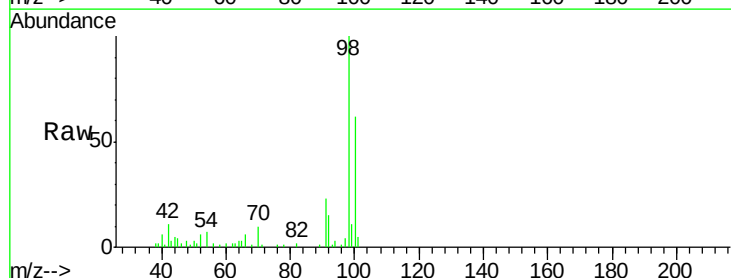
Acq: 15 Feb 2019 16:38

Tgt Ion: 92 Resp: 6682

Ion Ratio Lower Upper

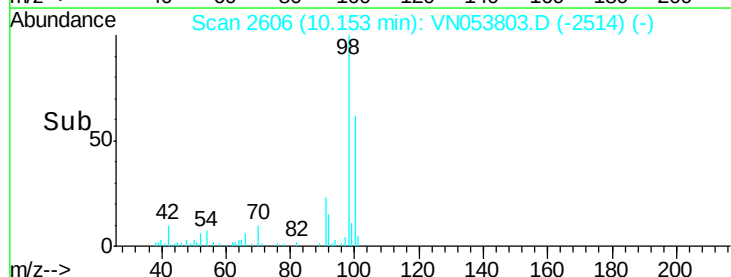
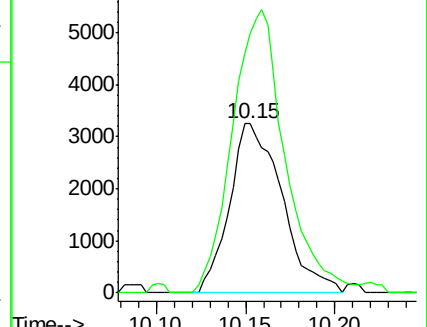
92 100

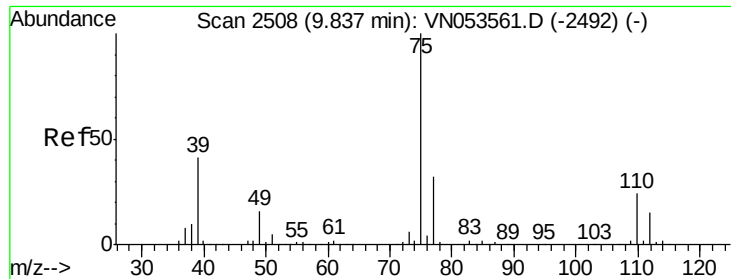
91 168.3 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



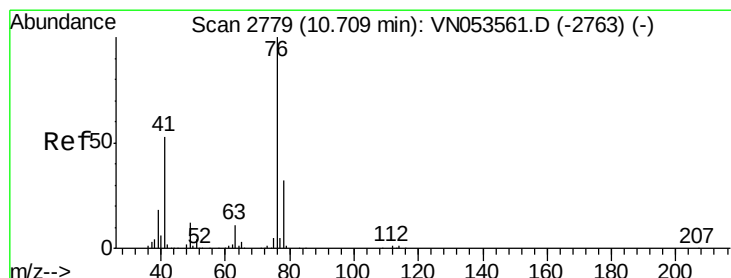
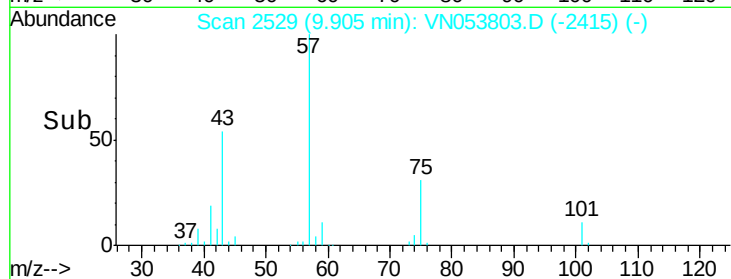
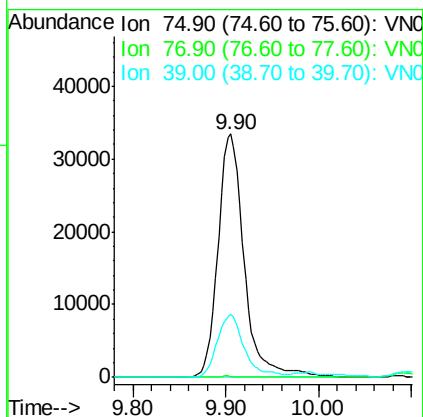
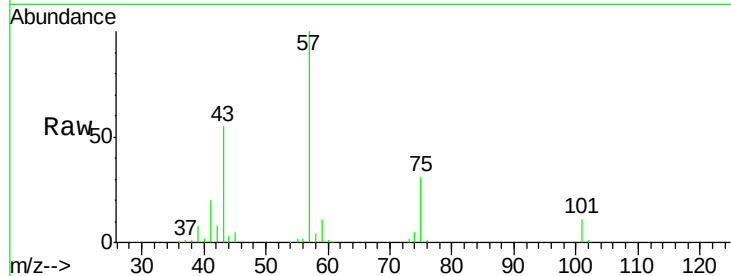


#54

cis-1,3-Dichloropropene
 Concen: 5.459 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN053803.D
 Acq: 15 Feb 2019 16:38

Instrument :
 MSVOA_N
 ClientSampled :

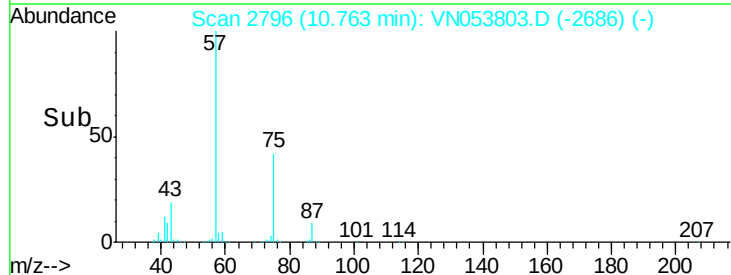
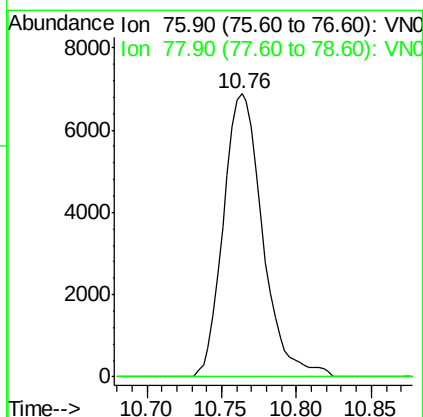
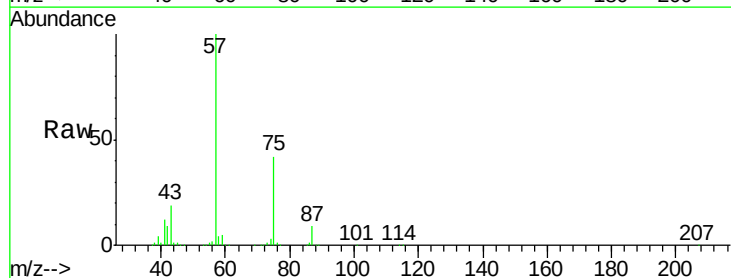
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.6#
39	26.1	33.4	50.0#

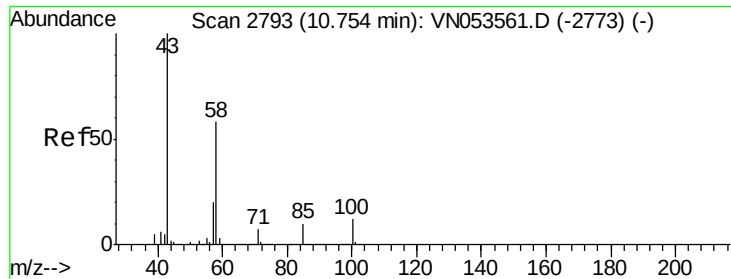


#57

1,3-Dichloropropane
 Concen: 1.088 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053803.D
 Acq: 15 Feb 2019 16:38

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#

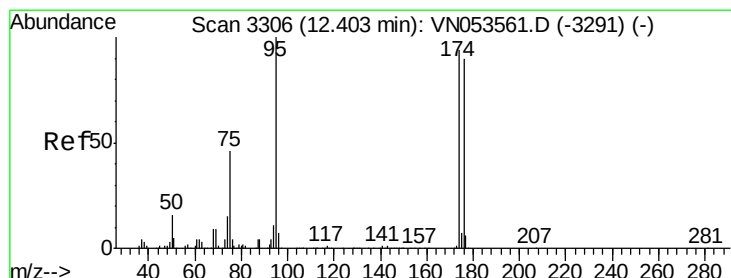
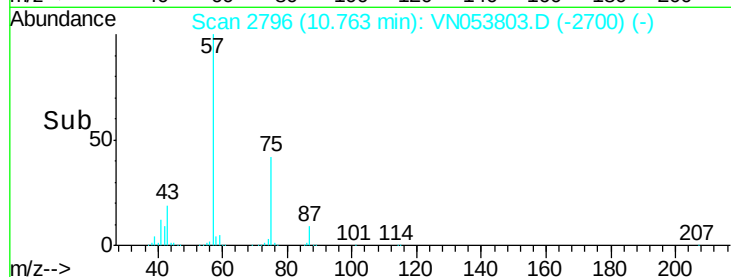
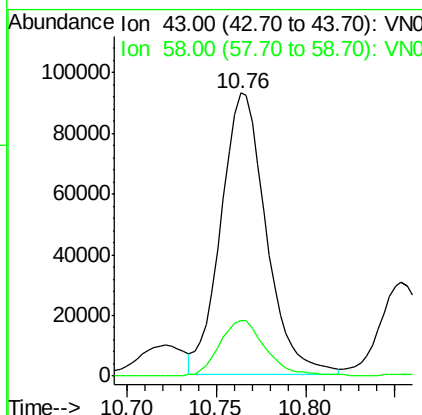
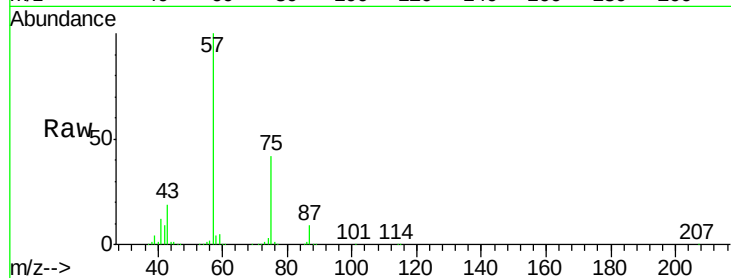




#59
2-Hexanone
Concen: 44.273 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

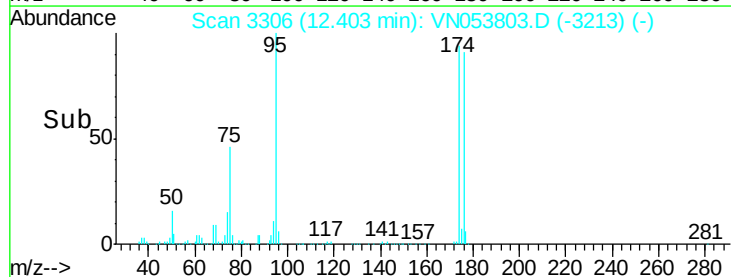
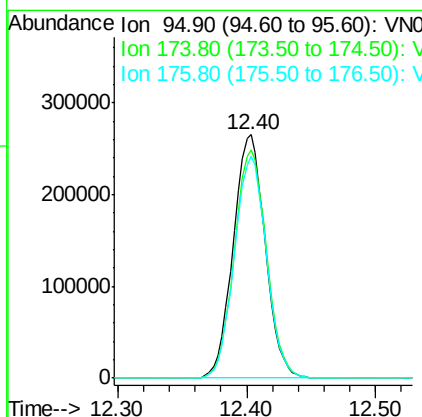
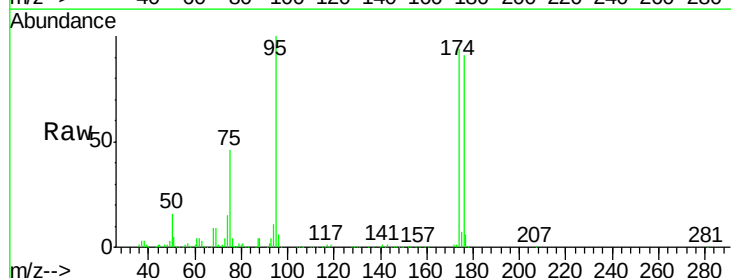
Instrument :
MSVOA_N
ClientSampled :

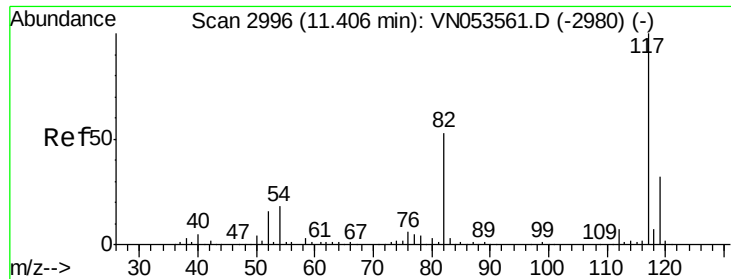
Tot Ion: 43 Resp: 163483
Ion Ratio Lower Upper
43 100
58 20.4 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: 50.626 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

Tgt Ion: 95 Resp: 456064
Ion Ratio Lower Upper
95 100
174 94.9 0.0 183.2
176 91.5 0.0 177.4

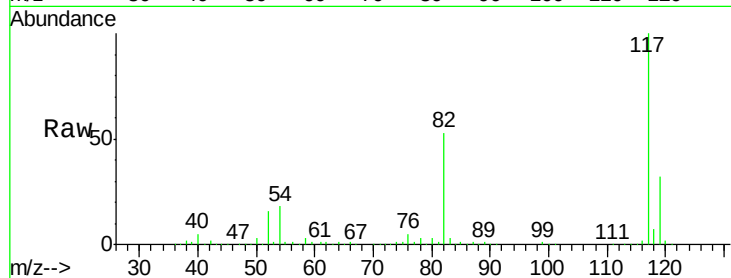




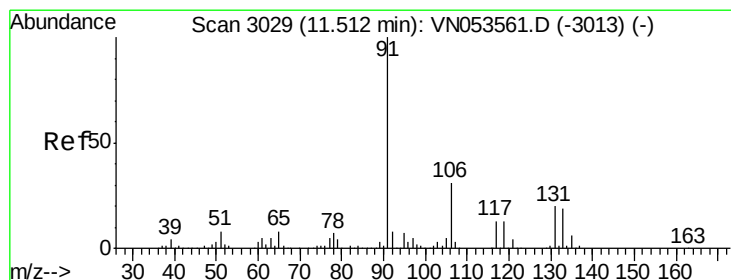
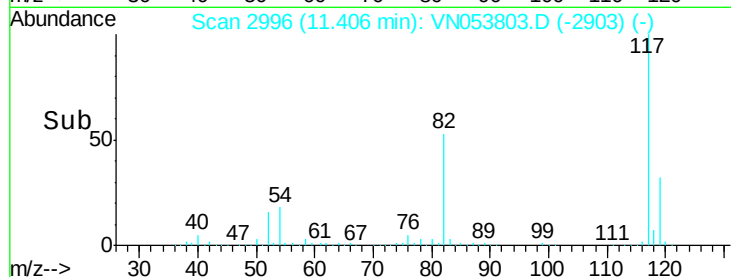
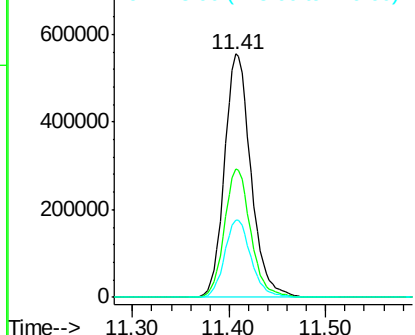
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1050281
Ion Ratio Lower Upper
117 100
82 52.6 42.9 64.3
119 31.6 26.0 39.0

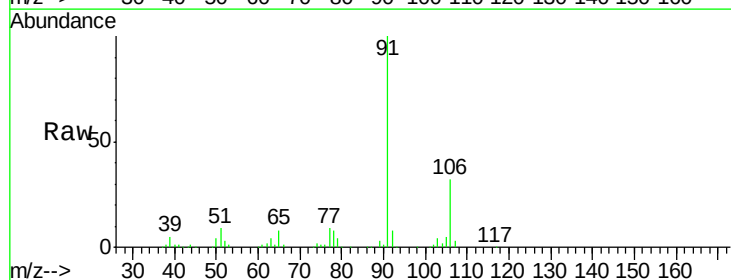


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

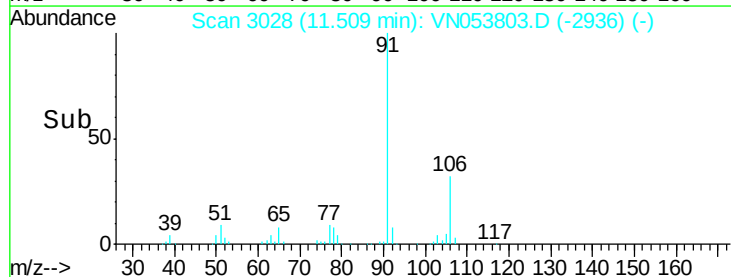
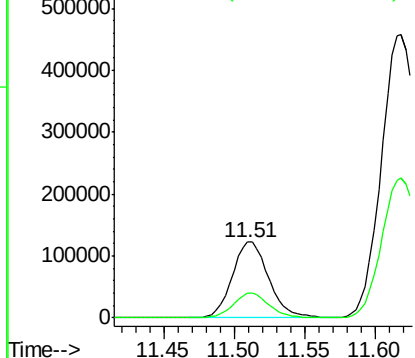


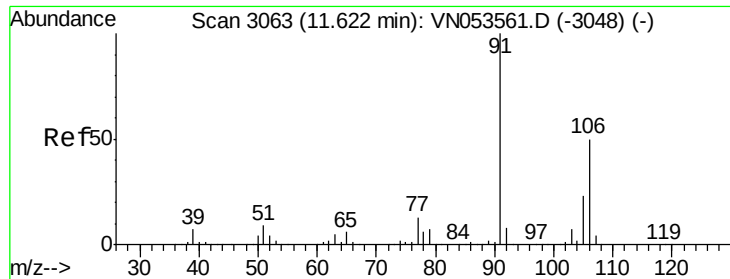
#67
Ethyl Benzene
Concen: 6.084 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

Tgt Ion: 91 Resp: 222970
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.6



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

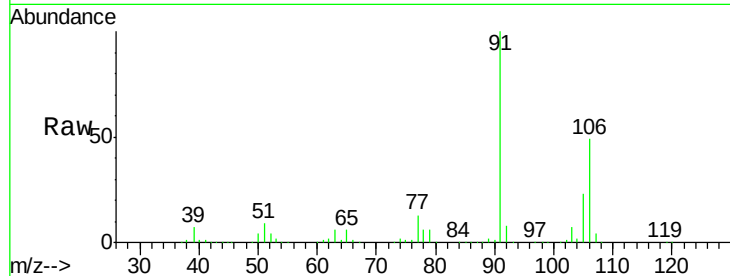




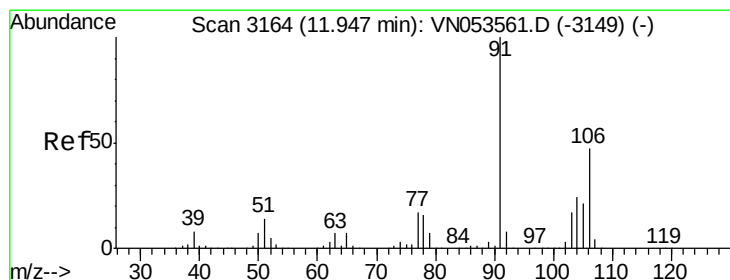
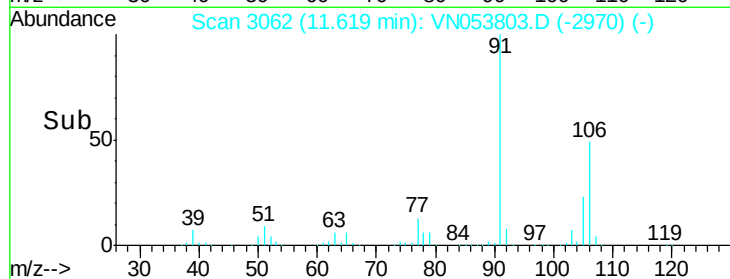
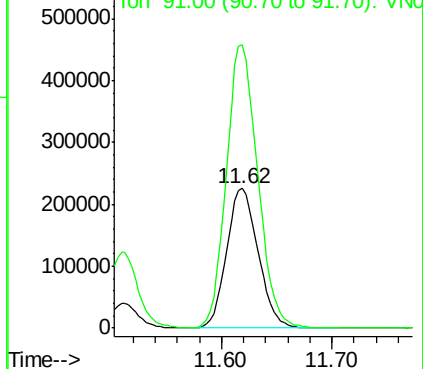
#68
m/p-Xylenes
Concen: 32.047 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 448229
Ion Ratio Lower Upper
106 100
91 201.0 161.4 242.2

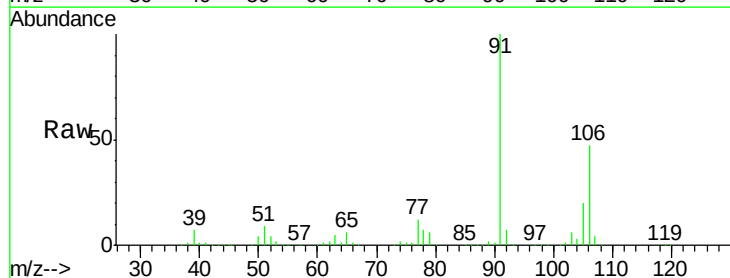


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

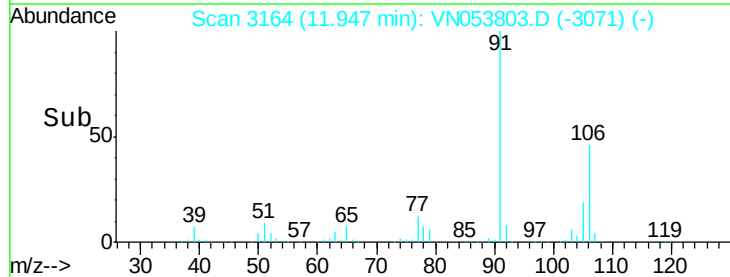
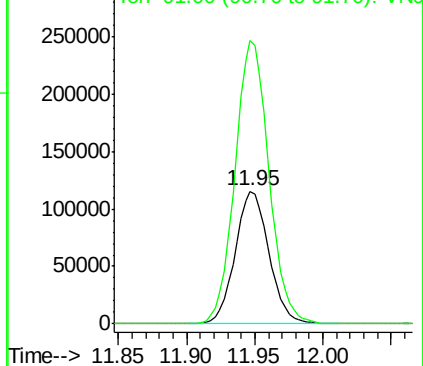


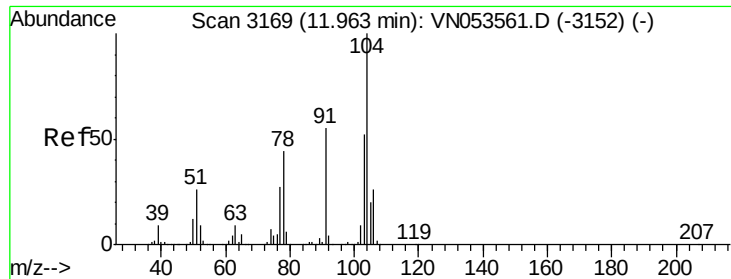
#69
o-Xylene
Concen: 14.665 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

Tgt Ion:106 Resp: 198166
Ion Ratio Lower Upper
106 100
91 214.9 106.9 320.8



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





#70

Stvrene

Concen: 0.569 ug/l

RT: 11.95 min Scan# 3165

Delta R.T. -0.01 min

Lab File: VN053803.D

Acq: 15 Feb 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

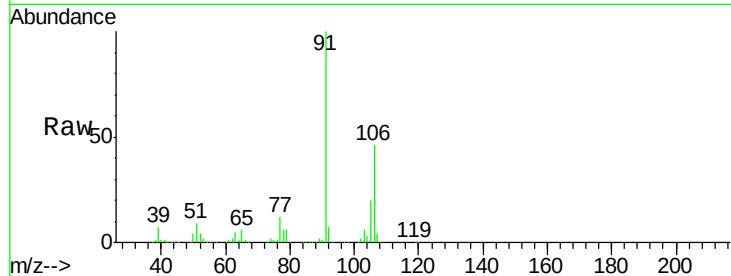
Tot Ion:104 Resp: 12468

Ion Ratio Lower Upper

104 100

78 229.0 38.2 57.2#

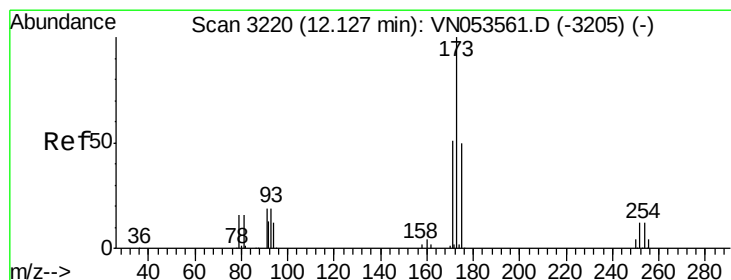
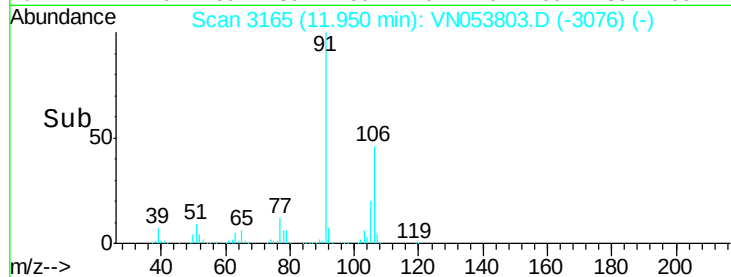
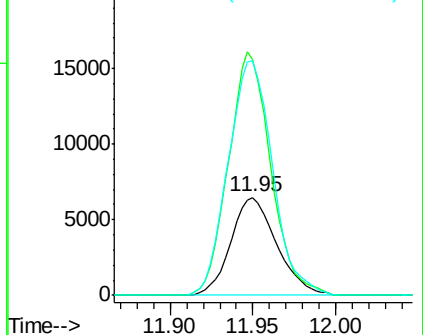
103 232.5 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.513 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053803.D

Acq: 15 Feb 2019 16:38

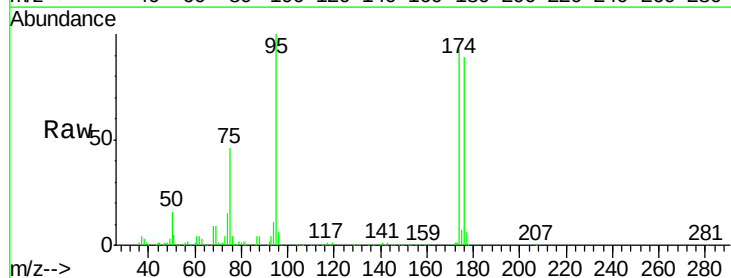
Tgt Ion:173 Resp: 2742

Ion Ratio Lower Upper

173 100

175 975.0 24.6 74.0#

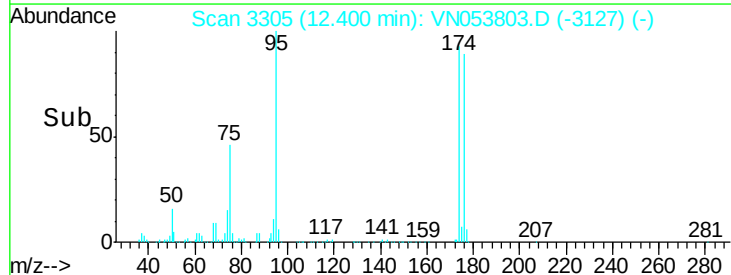
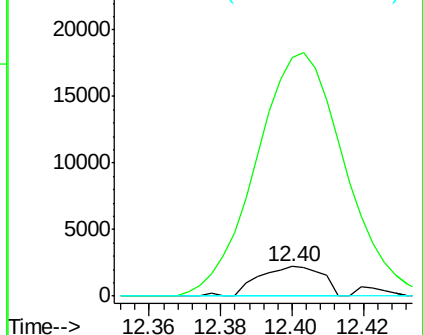
254 0.0 0.2 0.2#

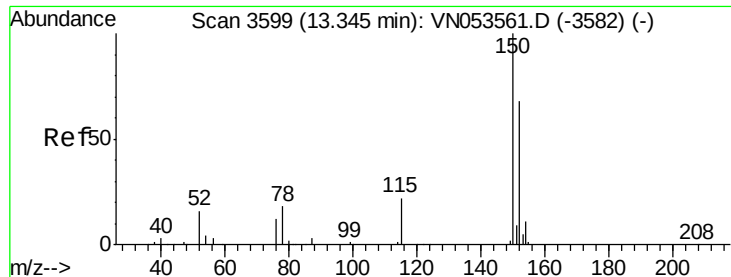


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



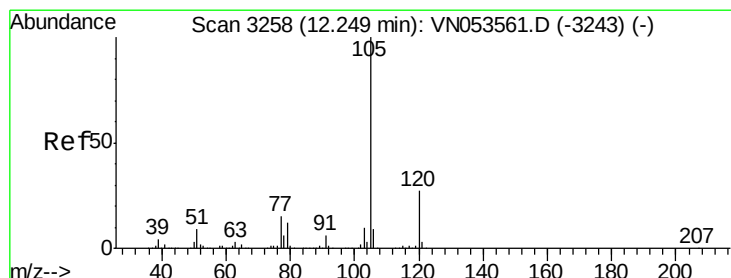
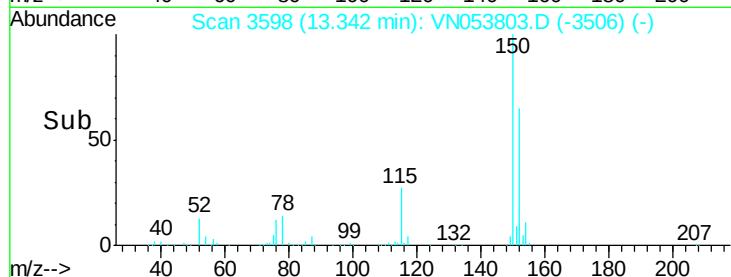
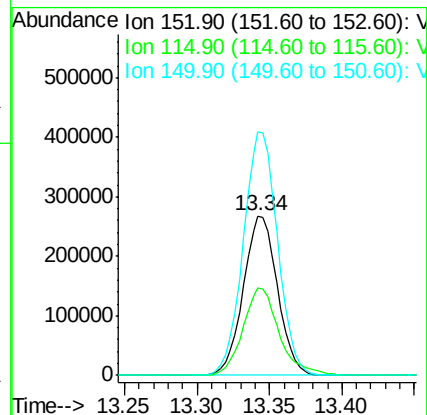
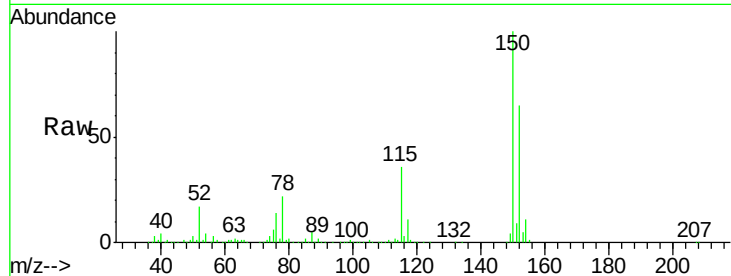


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

Instrument :
MSVOA_N
ClientSampled :

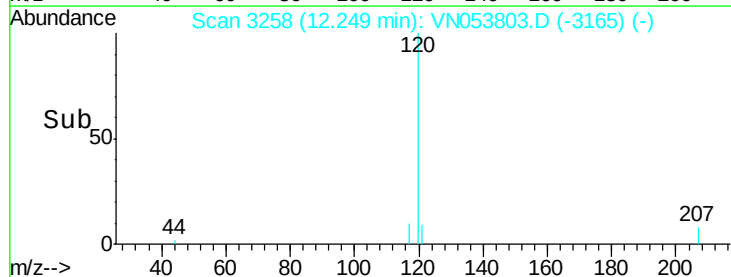
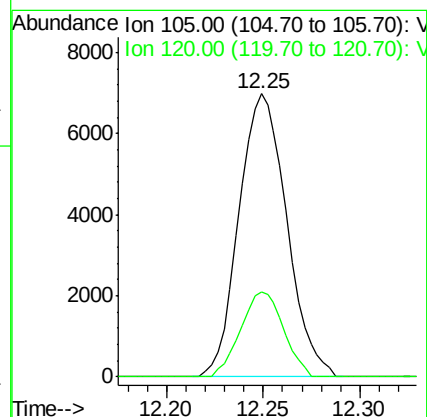
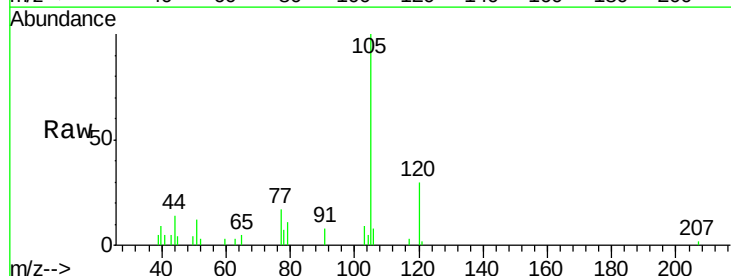
Tot Ion:152 Resp: 436644
Ion Ratio Lower Upper
152 100
115 58.4 27.8 83.4
150 153.9 0.0 349.0

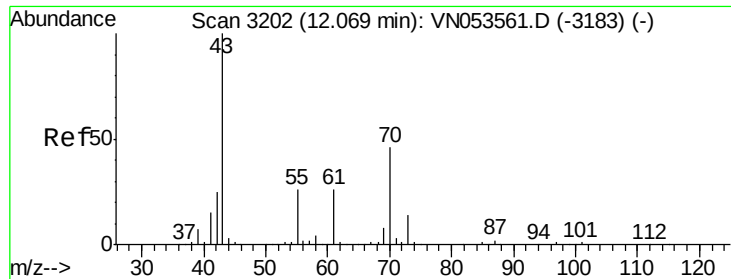


#73

Isopropylbenzene
Concen: 0.390 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

Tgt Ion:105 Resp: 11984
Ion Ratio Lower Upper
105 100
120 26.9 13.6 40.7





#74

N-amvl acetate

Concen: 2.365 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053803.D

Acq: 15 Feb 2019 16:38

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 17457

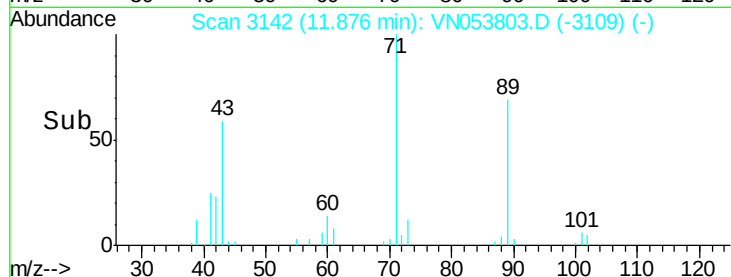
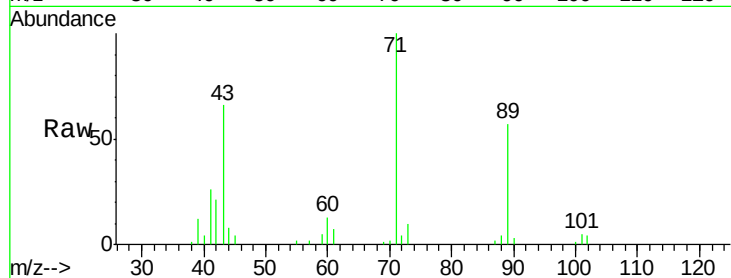
Ion Ratio Lower Upper

43 100

70 2.2 35.4 53.2#

55 3.4 20.9 31.3#

61 11.0 20.5 30.7#

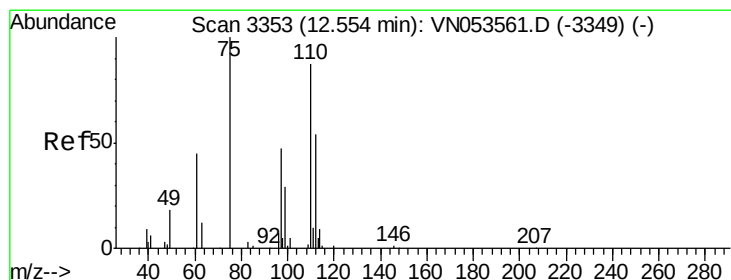
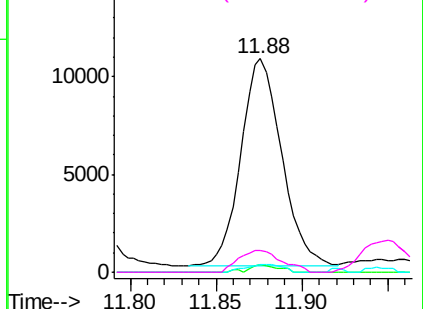


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 37.663 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053803.D

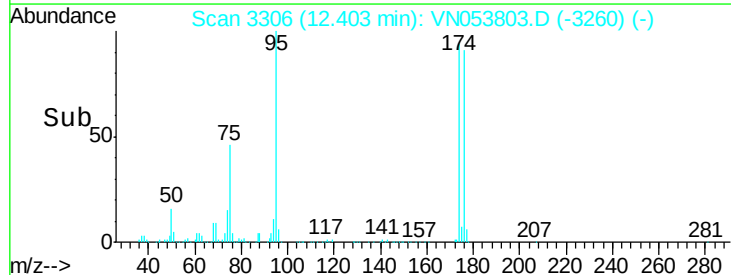
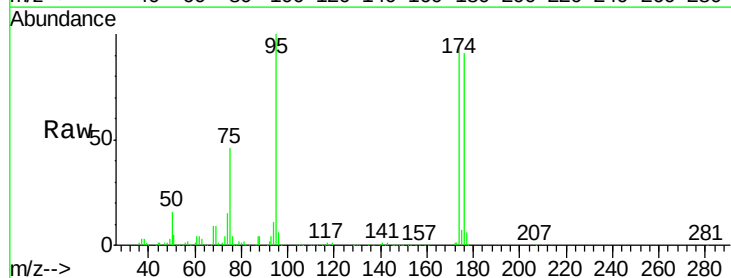
Acq: 15 Feb 2019 16:38

Tgt Ion: 75 Resp: 211231

Ion Ratio Lower Upper

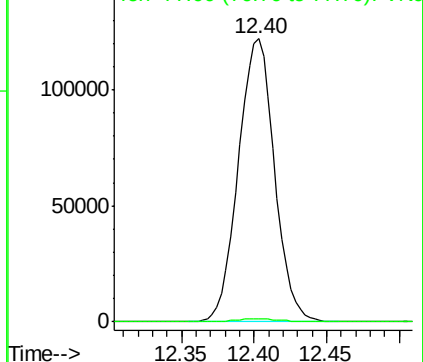
75 100

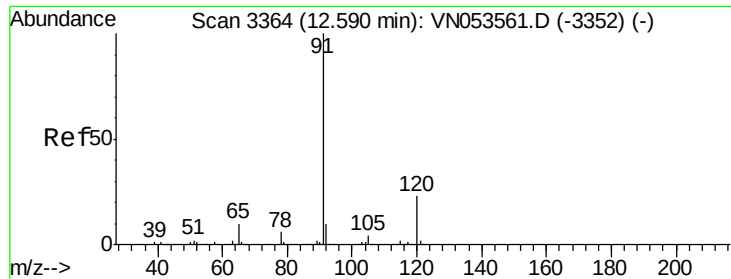
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 2.264 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053803.D

Acq: 15 Feb 2019 16:38

Instrument :

MSVOA_N

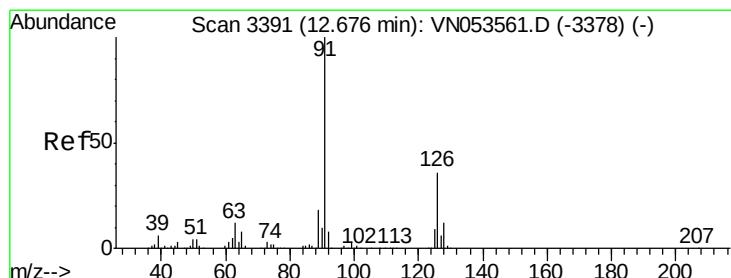
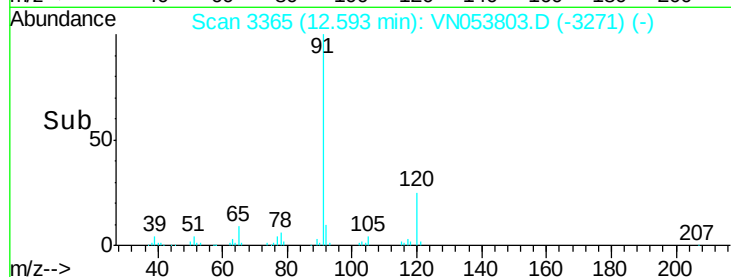
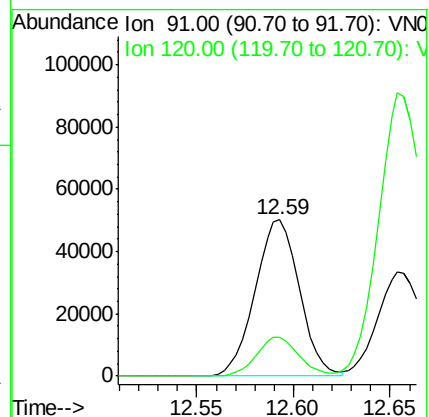
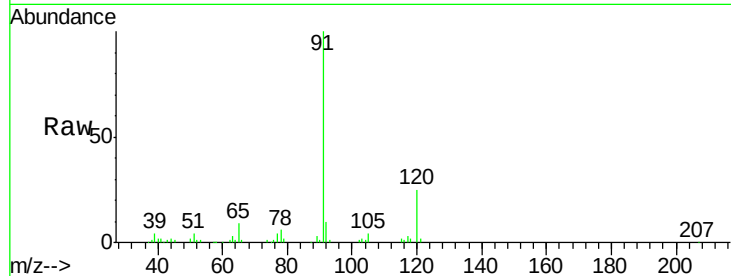
ClientSampled :

Tot Ion: 91 Resp: 80330

Ion Ratio Lower Upper

91 100

120 24.3 11.9 35.5



#79

2-Chlorotoluene

Concen: 2.539 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN053803.D

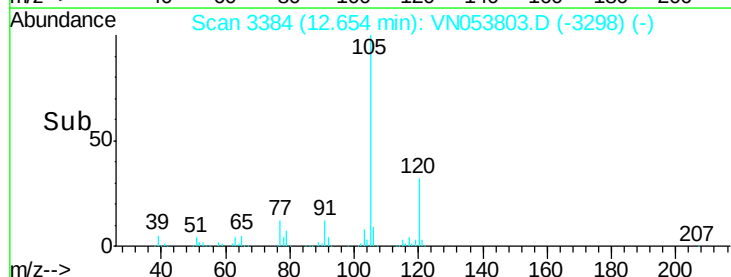
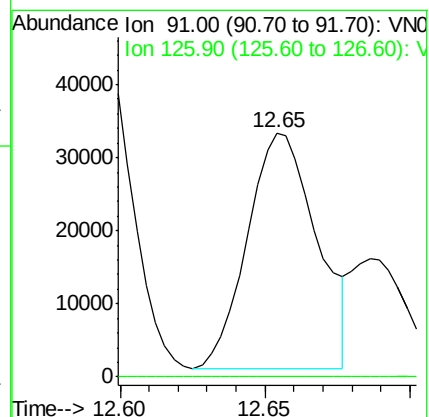
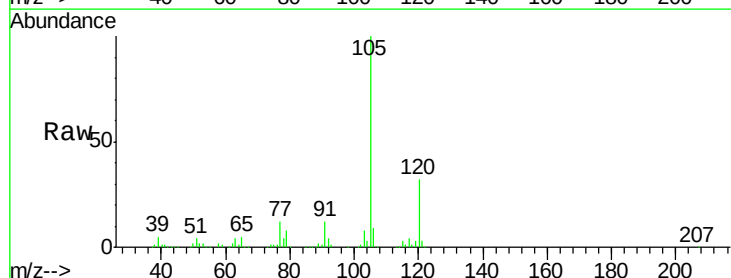
Acq: 15 Feb 2019 16:38

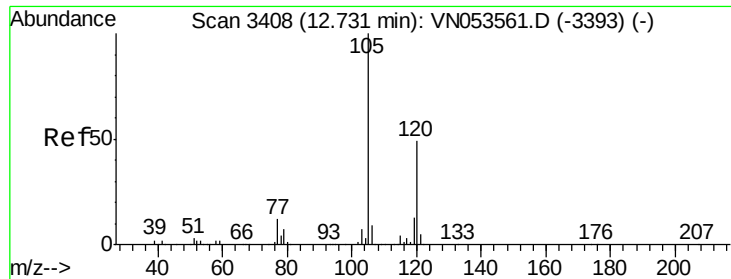
Tgt Ion: 91 Resp: 53442

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#

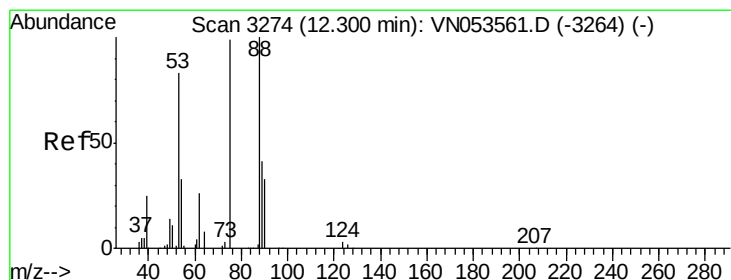
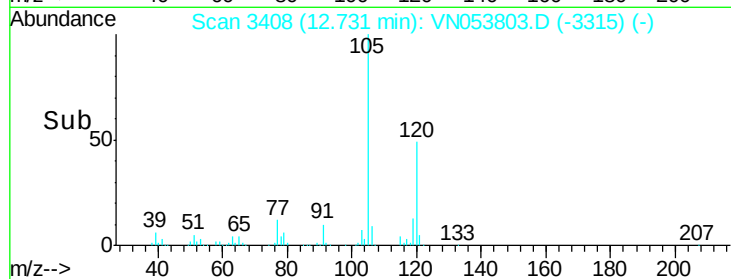
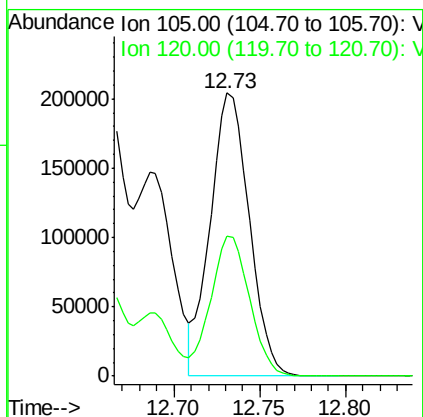
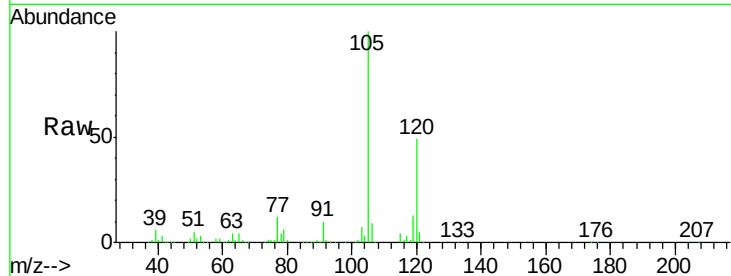




#80
 1,3,5-Trimethylbenzene
 Concen: 12.659 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN053803.D
 Acq: 15 Feb 2019 16:38

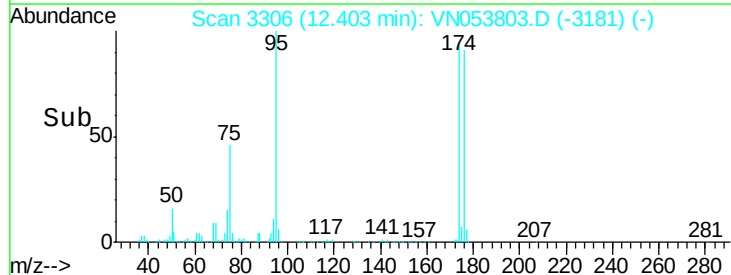
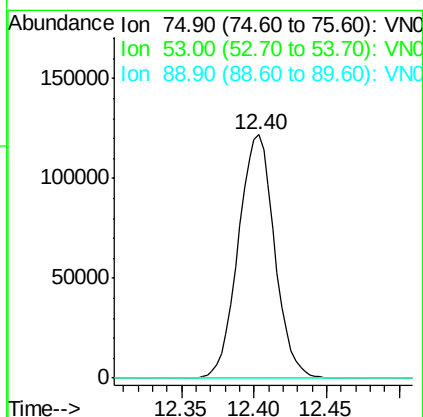
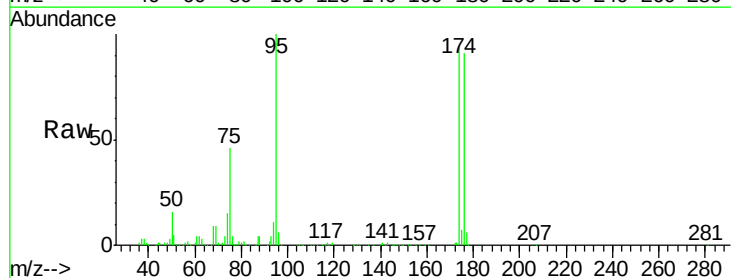
Instrument :
 MSVOA_N
 ClientSampled :

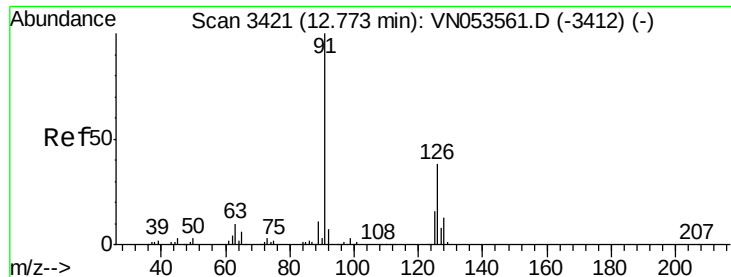
Tot Ion:105 Resp: 322218
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.906 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN053803.D
 Acq: 15 Feb 2019 16:38

Tgt Ion: 75 Resp: 211231
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.8 104.6#
 89 0.0 35.6 53.4#

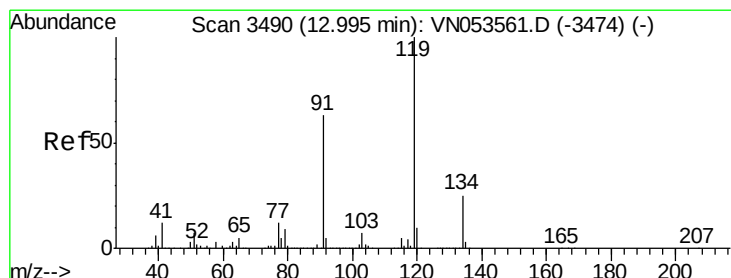
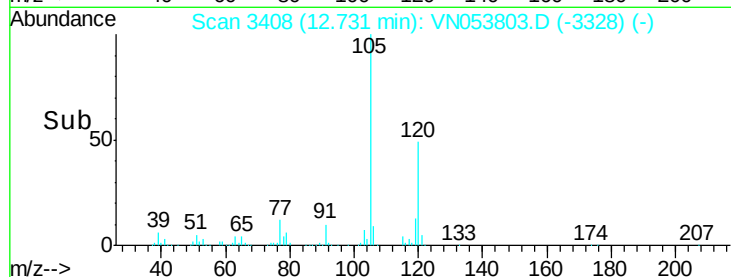
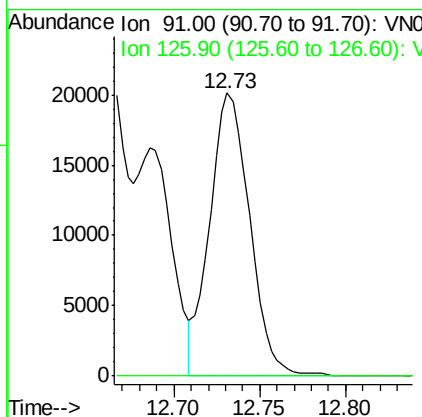
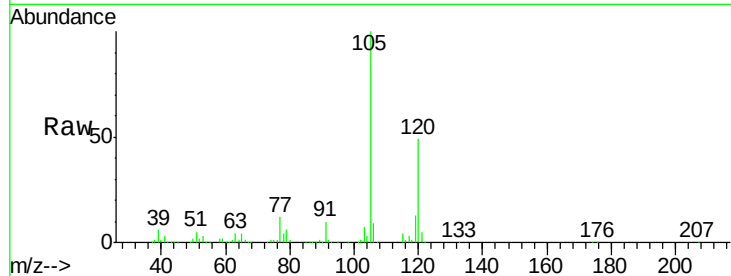




#82
4-Chlorotoluene
Concen: 1.517 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.04 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

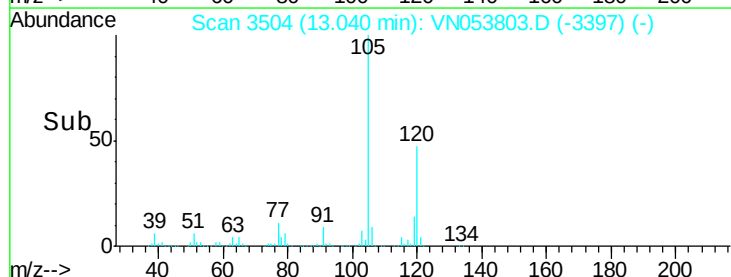
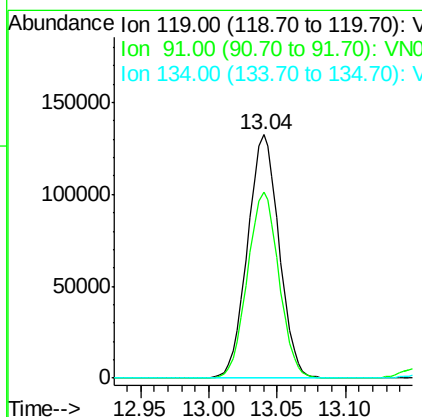
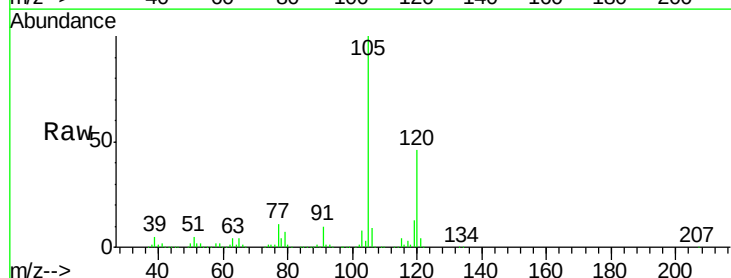
Instrument :
MSVOA_N
ClientSampled :

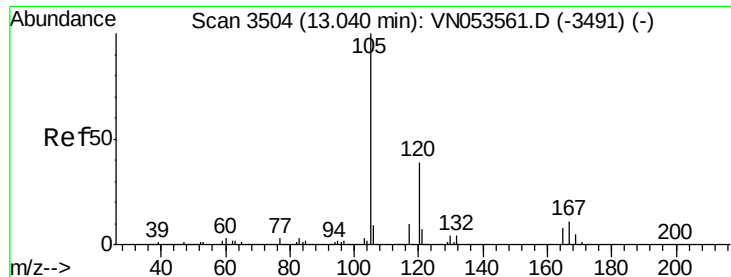
Tot Ion: 91 Resp: 32781
Ion Ratio Lower Upper
91 100
126 0.0 17.6 52.9#



#83
tert-Butylbenzene
Concen: 9.439 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

Tgt Ion: 119 Resp: 212352
Ion Ratio Lower Upper
119 100
91 76.8 31.3 93.8
134 0.2 12.9 38.7#





#84

1,2,4-Trimethylbenzene

Concen: 64.658 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053803.D

Acq: 15 Feb 2019 16:38

Instrument :

MSVOA_N

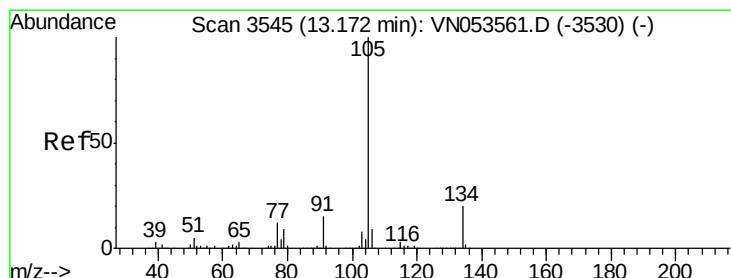
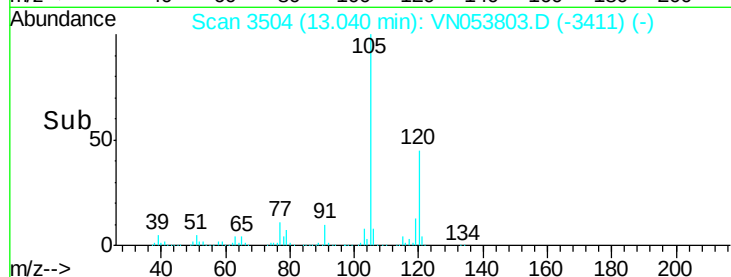
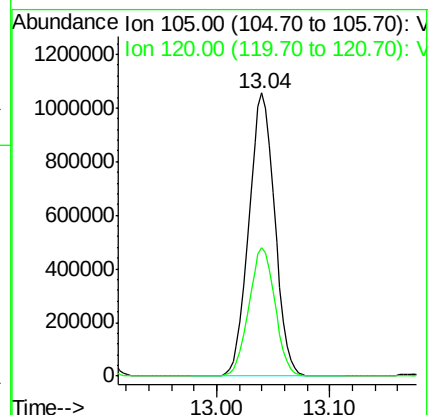
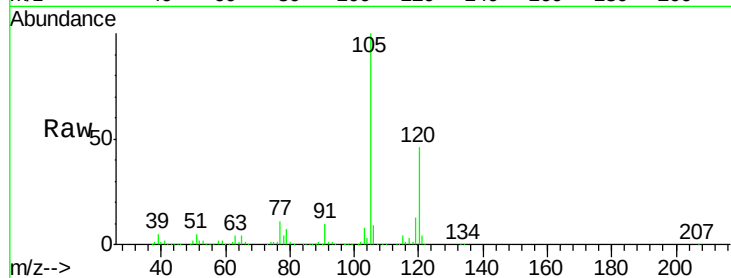
ClientSampleId :

Tot Ion:105 Resp: 1676768

Ion Ratio Lower Upper

105 100

120 45.8 23.0 69.0



#85

sec-Butylbenzene

Concen: 54.771 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN053803.D

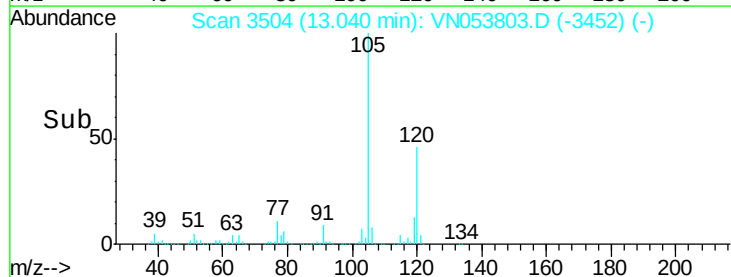
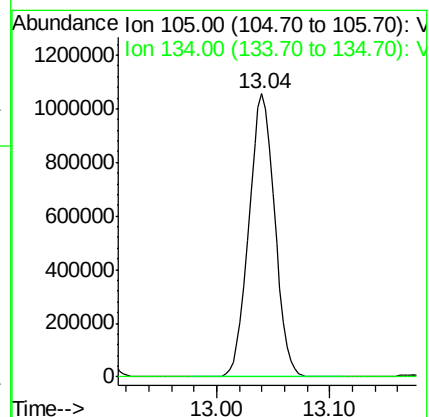
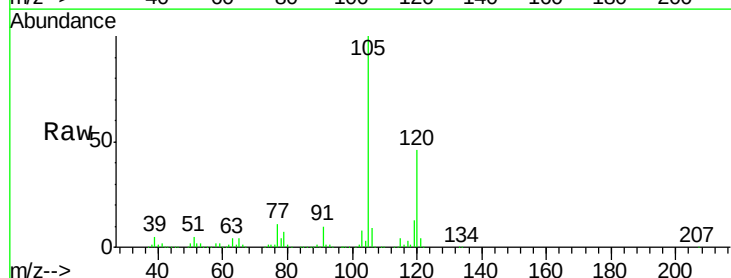
Acq: 15 Feb 2019 16:38

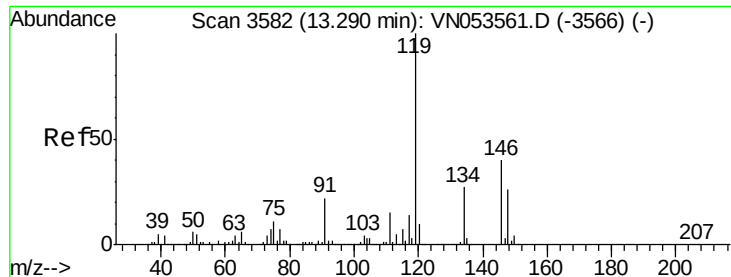
Tgt Ion:105 Resp: 1676768

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.6#

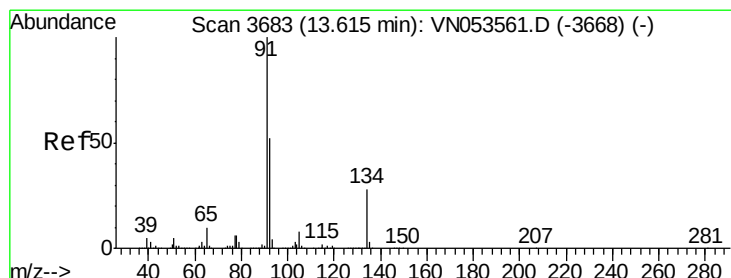
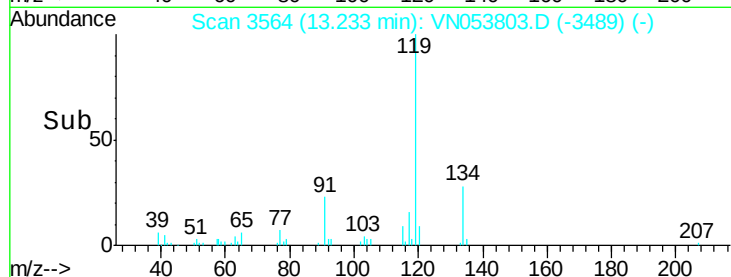
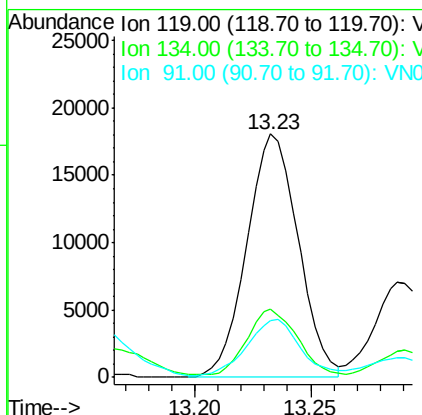
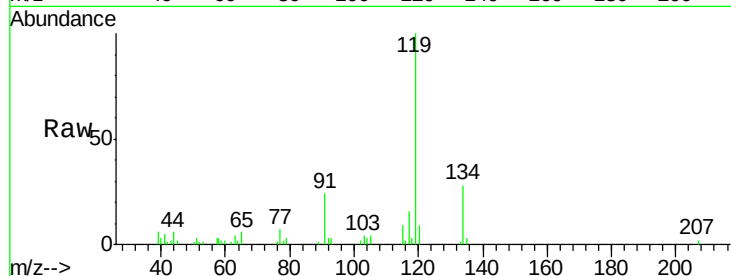




#86
 p-Isopropyltoluene
 Concen: 1.044 ug/l
 RT: 13.23 min Scan# 3564
 Delta R.T. -0.06 min
 Lab File: VN053803.D
 Acq: 15 Feb 2019 16:38

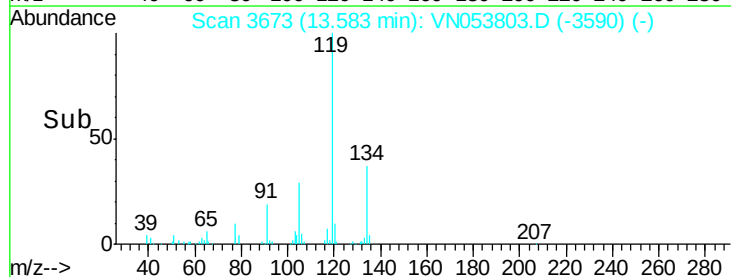
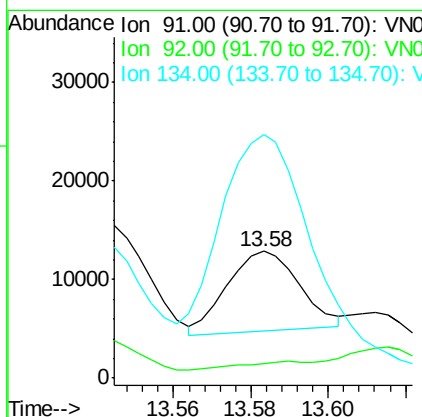
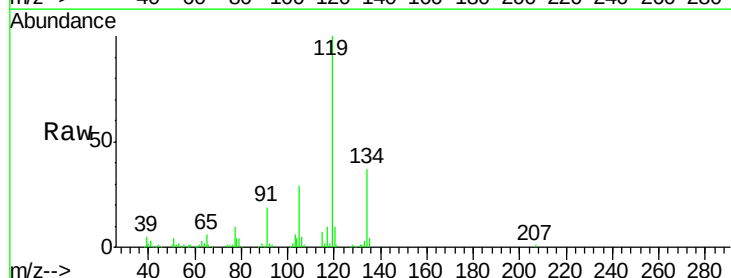
Instrument :
 MSVOA_N
 ClientSampleId :

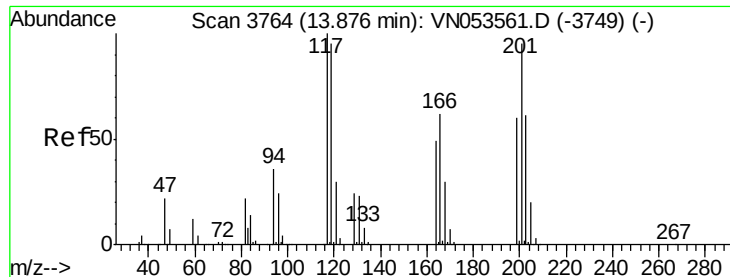
Tot Ion:119 Resp: 27943
 Ion Ratio Lower Upper
 119 100
 134 28.5 13.5 40.4
 91 23.2 11.0 33.0



#89
 n-Butylbenzene
 Concen: 0.454 ug/l
 RT: 13.58 min Scan# 3673
 Delta R.T. -0.03 min
 Lab File: VN053803.D
 Acq: 15 Feb 2019 16:38

Tgt Ion: 91 Resp: 10515
 Ion Ratio Lower Upper
 91 100
 92 0.0 26.3 78.8#
 134 418.9 13.5 40.5#





#90

Hexachloroethane

Concen: 1.582 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053803.D

Acq: 15 Feb 2019 16:38

Instrument :

MSVOA_N

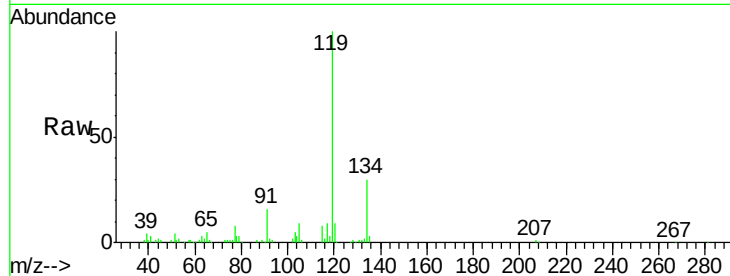
ClientSampled :

Tot Ion:117 Resp: 6986

Ion Ratio Lower Upper

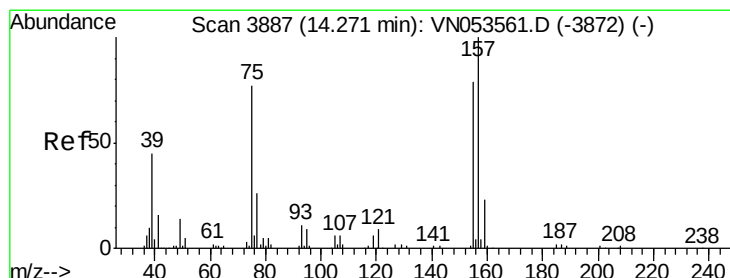
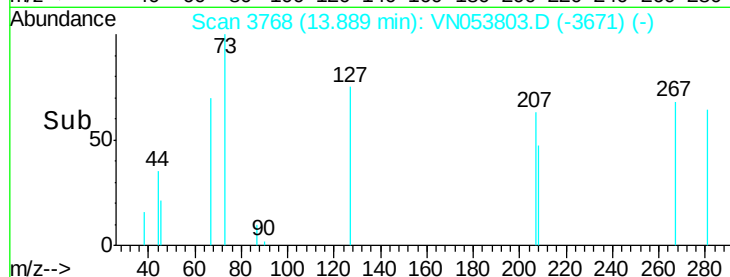
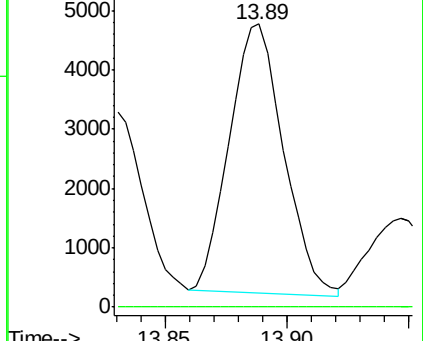
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.224 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN053803.D

Acq: 15 Feb 2019 16:38

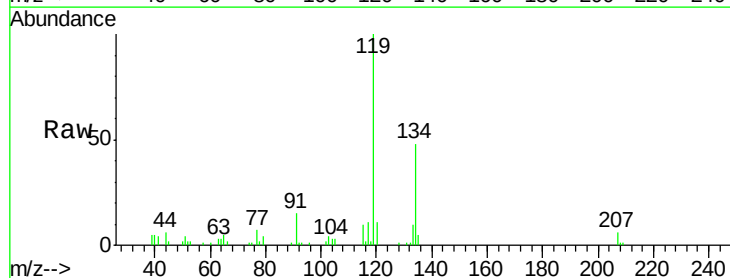
Tgt Ion: 75 Resp: 235

Ion Ratio Lower Upper

75 100

155 0.0 48.9 146.7#

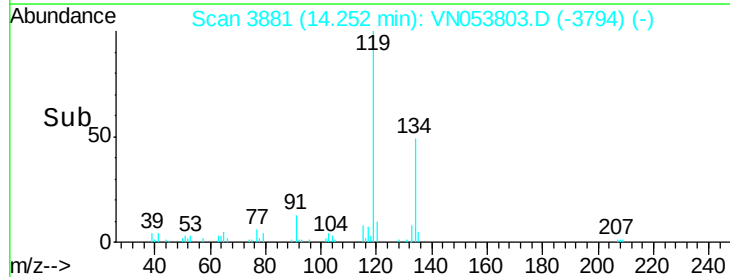
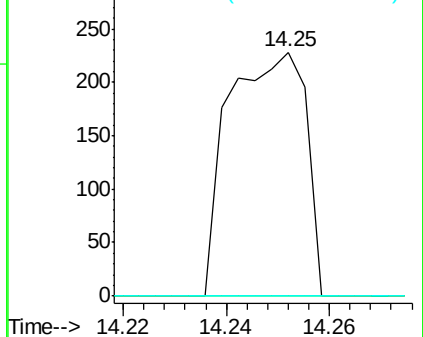
157 0.0 63.7 191.3#

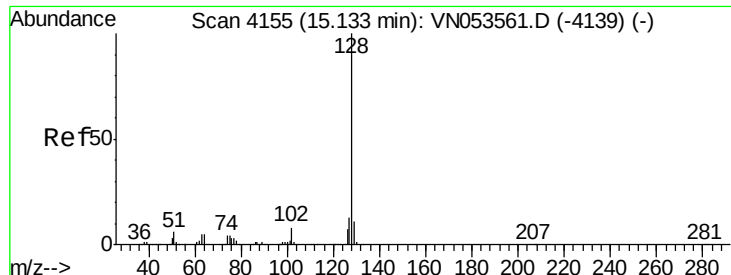


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

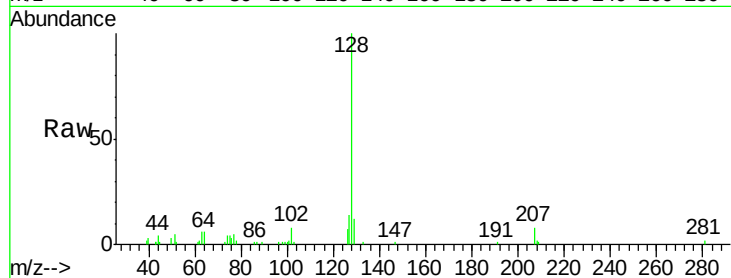




#95
Naphthalene
Concen: 4.070 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053803.D
Acq: 15 Feb 2019 16:38

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.4	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

