

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054906.D
 Acq On : 2 Apr 2019 17:09
 Operator : JC/SP
 Sample : K2190-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 03 05:07:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	526368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	888979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	734344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	257674	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	355822	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	7.59	113	282432	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
50) Toluene-d8	10.09	98	1047159	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
62) 4-Bromofluorobenzene	12.40	95	315331	43.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.06%	

Target Compounds

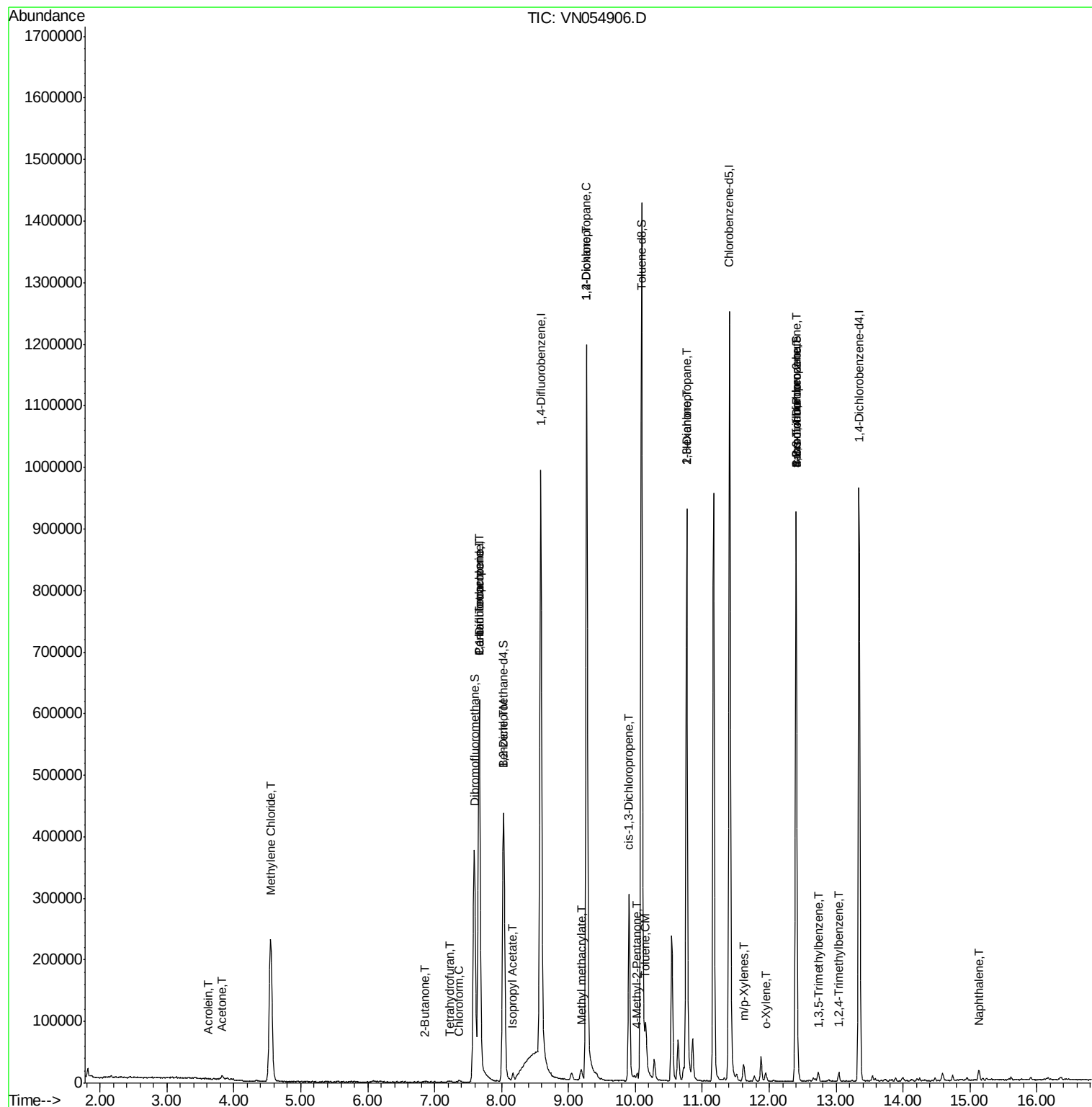
					Qvalue	
5) Bromomethane	2.58	94	65	Below Cal	#	2
13) Acrolein	3.62	56	97	0.293	ug/l #	11
16) Acetone	3.82	43	8343	4.931	ug/l	91
18) Methyl Acetate	4.34	43	2915	Below Cal	#	64
20) Methylene Chloride	4.55	84	160425	26.878	ug/l #	82
25) 2-Butanone	6.86	43	864	0.345	ug/l #	46
29) Tetrahydrofuran	7.22	42	686	0.395	ug/l #	68
30) Chloroform	7.38	83	2750	0.268	ug/l #	77
31) Cyclohexane	7.67	56	11339	Below Cal	#	29
36) 1,1-Dichloropropene	7.66	75	40966	4.945	ug/l #	48
38) Carbon Tetrachloride	7.67	117	50022	6.217	ug/l #	16
40) Benzene	8.04	78	44935	1.896	ug/l	99
43) Isopropyl Acetate	8.17	43	14321	1.451	ug/l #	96
45) 1,2-Dichloropropane	9.27	63	1713	0.253	ug/l #	43
48) Methyl methacrylate	9.19	41	7231	1.351	ug/l #	11
49) 1,4-Dioxane	9.27	88	63	1.187	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	9256	1.668	ug/l #	36
52) Toluene	10.16	92	27846	1.974	ug/l	96
54) cis-1,3-Dichloropropene	9.90	75	51205	5.767	ug/l #	73
57) 1,3-Dichloropropane	10.76	76	9968	1.106	ug/l #	43
59) 2-Hexanone	10.76	43	157284	44.275	ug/l #	48
68) m/p-Xylenes	11.61	106	9079	0.946	ug/l	99
69) o-Xylene	11.94	106	3514	0.373	ug/l	99
71) Bromoform	12.40	173	3053	0.968	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.40	83	278	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	164370	36.719	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6860	0.397	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	164370	142.829	ug/l #	11
83) tert-Butylbenzene	13.04	119	1080	Below Cal	#	44
84) 1,2,4-Trimethylbenzene	13.04	105	8807	0.535	ug/l	96
95) Naphthalene	15.13	128	15203	1.637	ug/l #	91

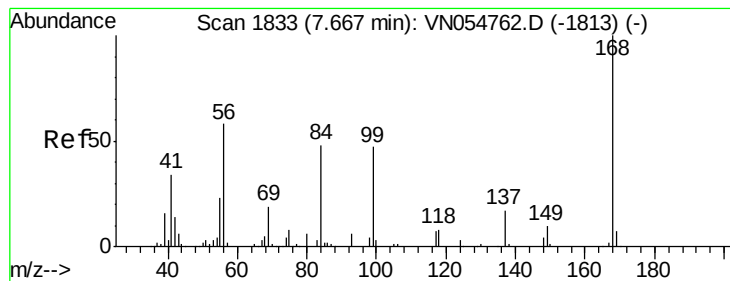
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040219\
Data File : VN054906.D
Acq On : 2 Apr 2019 17:09
Operator : JC/SP
Sample : K2190-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 03 05:07:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

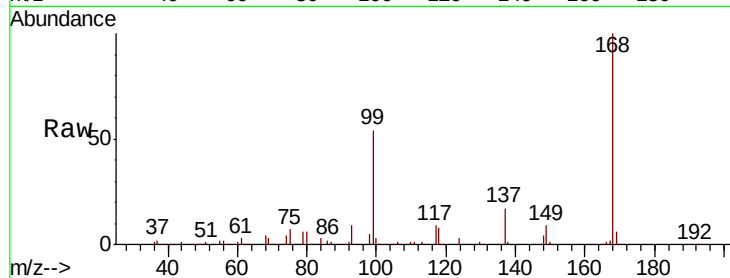
ClientSampled :

Tot Ion:168 Resp: 526368

Ion Ratio Lower Upper

168 100

99 54.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054906.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054906.D (-1740) (-)

7.67

250000

200000

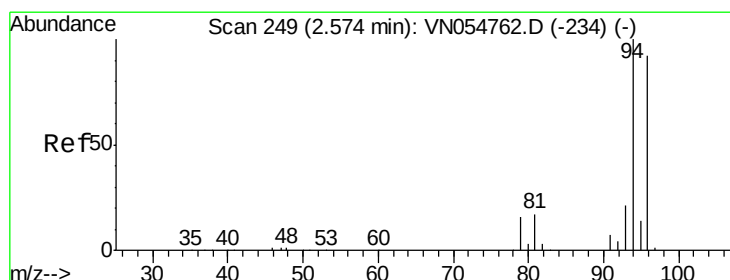
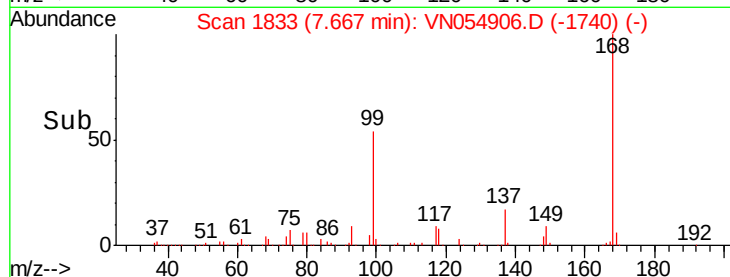
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 252

Delta R.T. 0.01 min

Lab File: VN054906.D

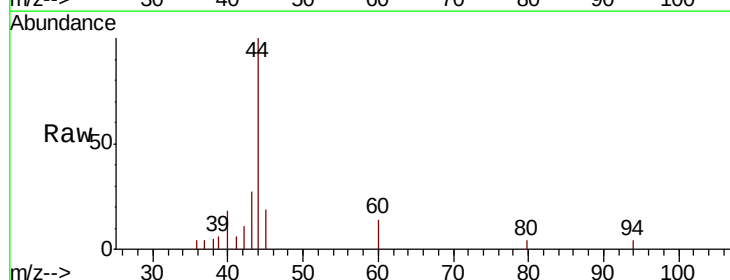
Acq: 2 Apr 2019 17:09

Tgt Ion: 94 Resp: 65

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN054906.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VN054906.D (-156) (-)

2.58

200

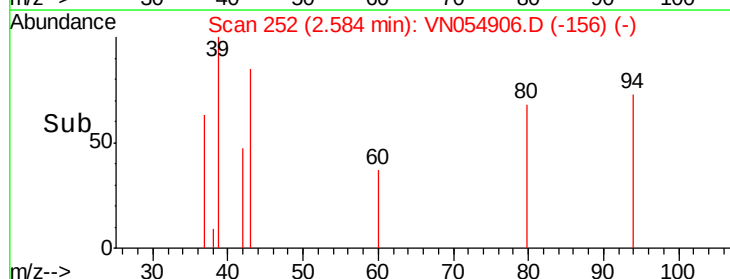
150

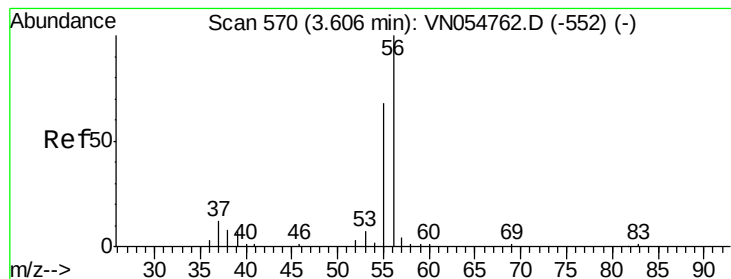
100

50

0

Time-->





#13

Acrolein

Concen: 0.293 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

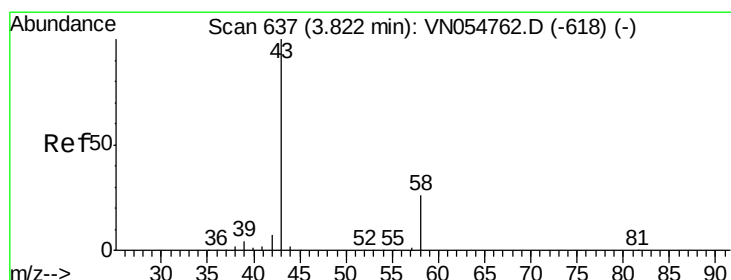
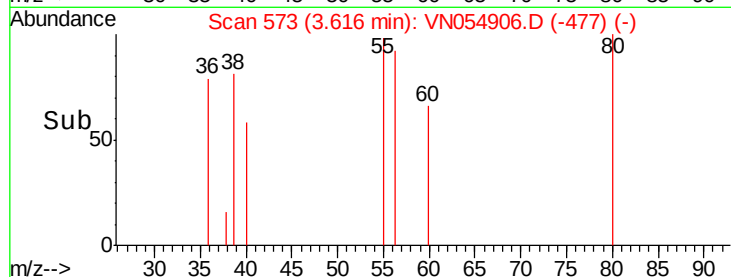
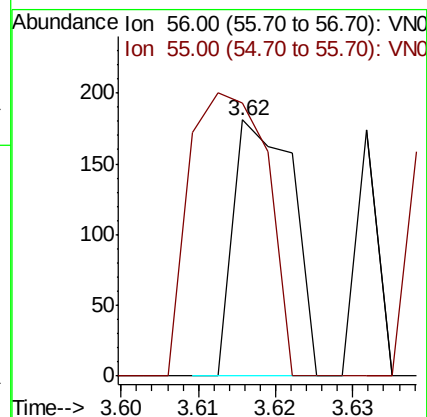
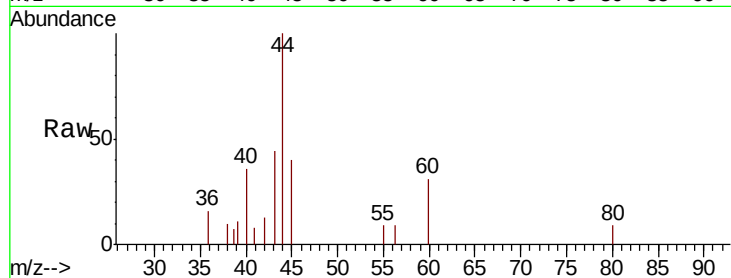
ClientSampleId :

Tot Ion: 56 Resp: 97

Ion Ratio Lower Upper

56 100

55 144.3 56.7 85.1#



#16

Acetone

Concen: 4.931 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054906.D

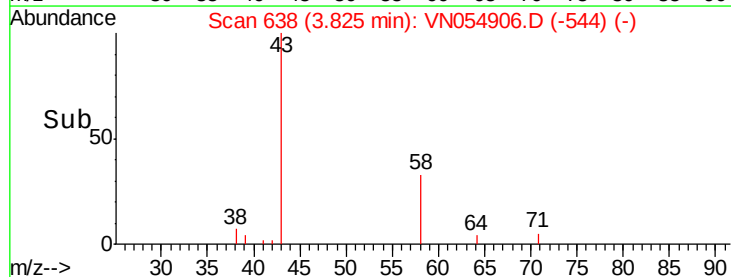
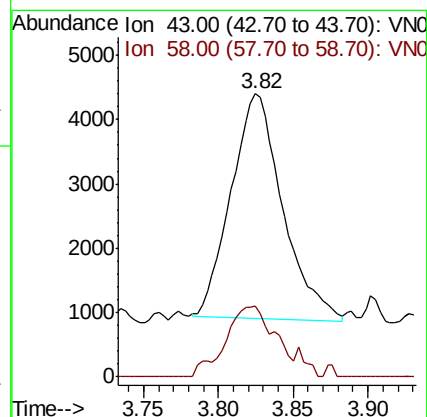
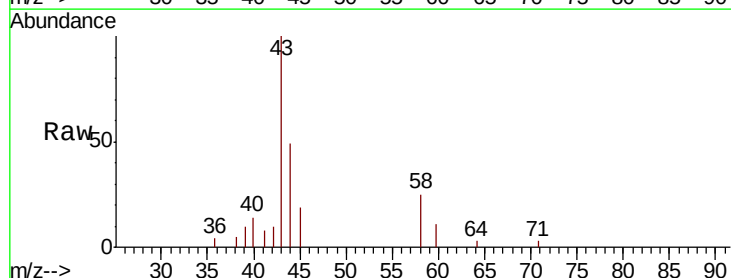
Acq: 2 Apr 2019 17:09

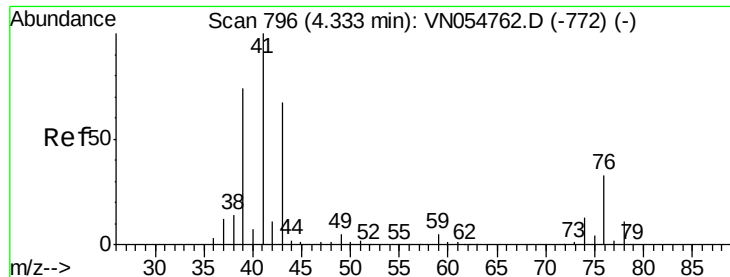
Tgt Ion: 43 Resp: 8343

Ion Ratio Lower Upper

43 100

58 31.7 29.9 44.9

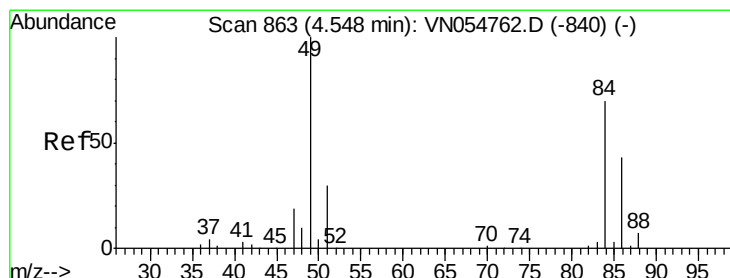
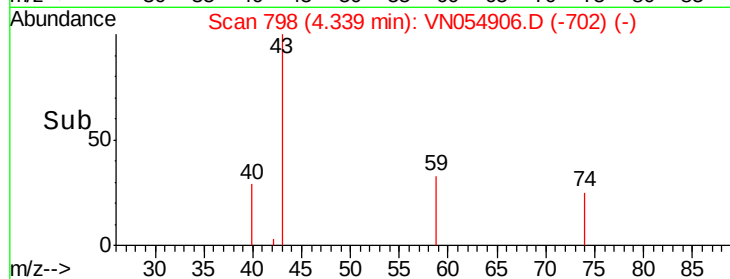
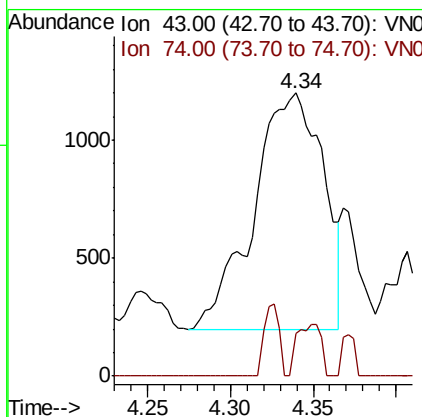
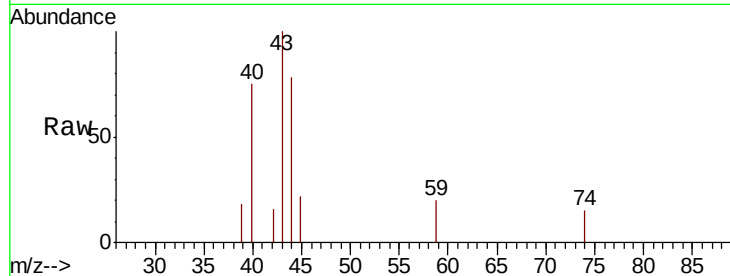




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN054906.D
Acq: 2 Apr 2019 17:09

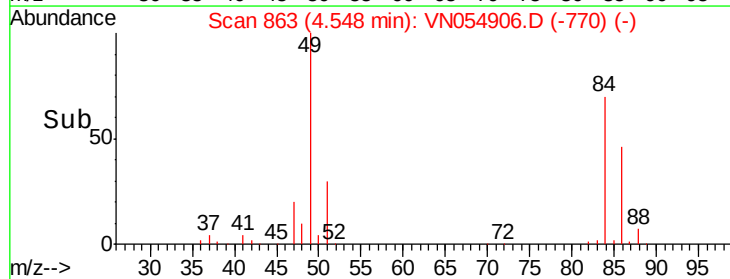
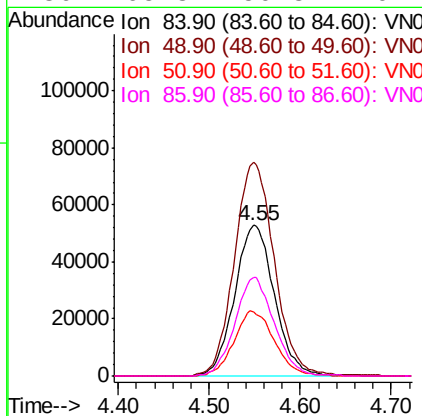
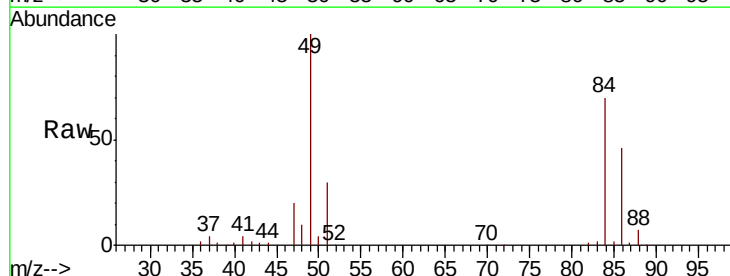
Instrument :
MSVOA_N
ClientSampled :

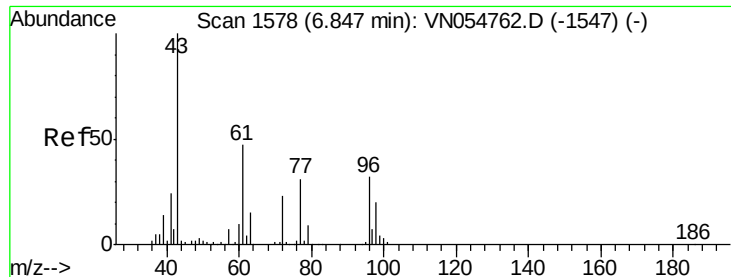
Tot Ion: 43 Resp: 2915
Ion Ratio Lower Upper
43 100
74 7.8 20.8 31.2#



#20
Methylene Chloride
Concen: 26.878 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054906.D
Acq: 2 Apr 2019 17:09

Tgt Ion: 84 Resp: 160425
Ion Ratio Lower Upper
84 100
49 142.0 89.7 134.5#
51 42.3 28.2 42.4
86 65.8 50.8 76.2





#25

2-Butanone

Concen: 0.345 ug/l

RT: 6.86 min Scan# 1582

Delta R.T. 0.01 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

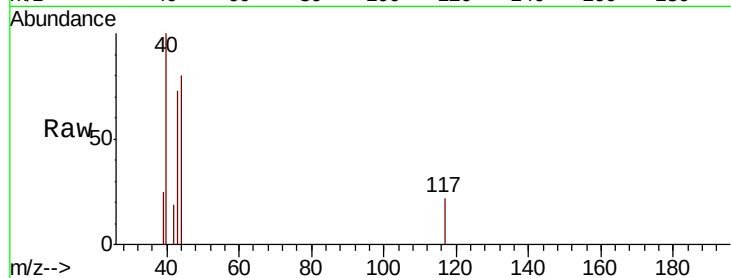
ClientSampleId :

Tot Ion: 43 Resp: 864

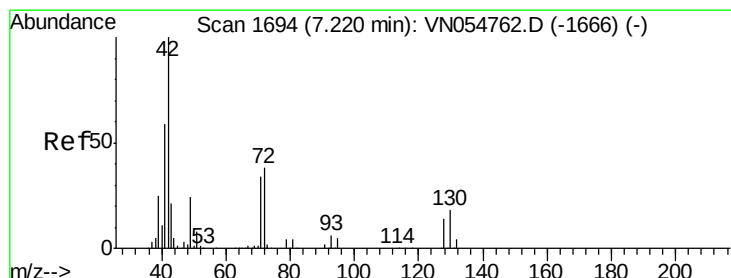
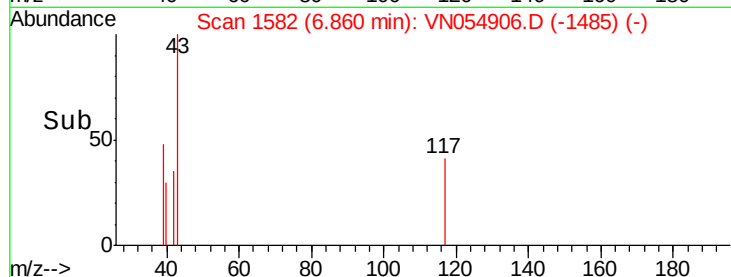
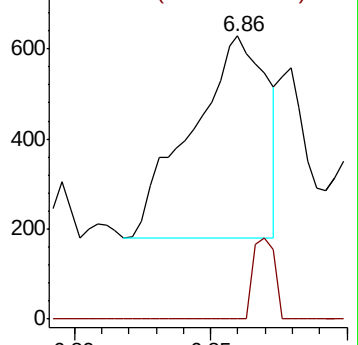
Ion Ratio Lower Upper

43 100

72 0.0 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0



#29

Tetrahydrofuran

Concen: 0.395 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

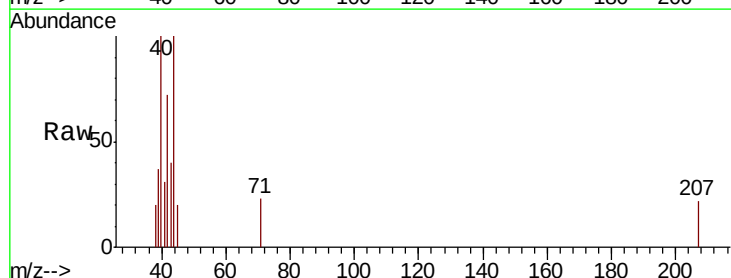
Tgt Ion: 42 Resp: 686

Ion Ratio Lower Upper

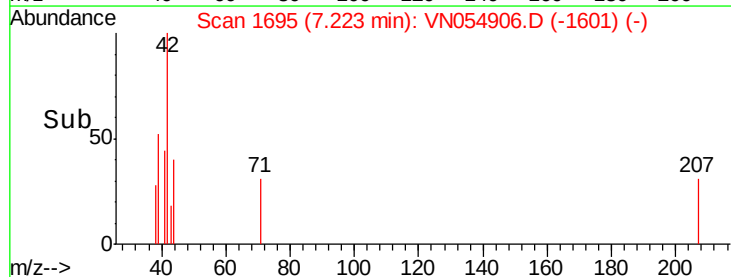
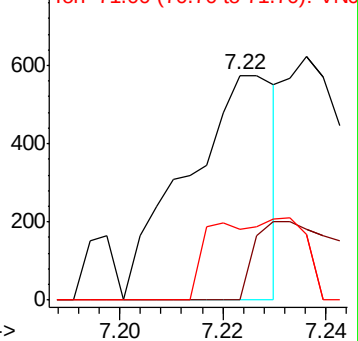
42 100

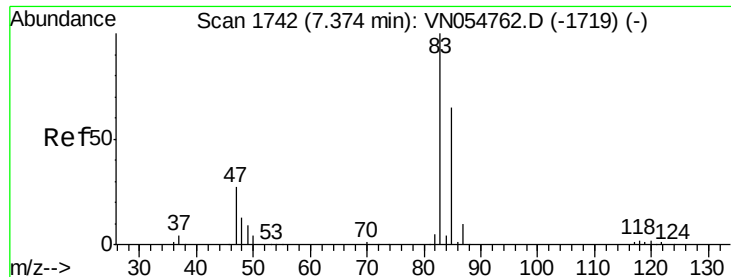
72 34.3 37.8 56.6#

71 15.9 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VN0

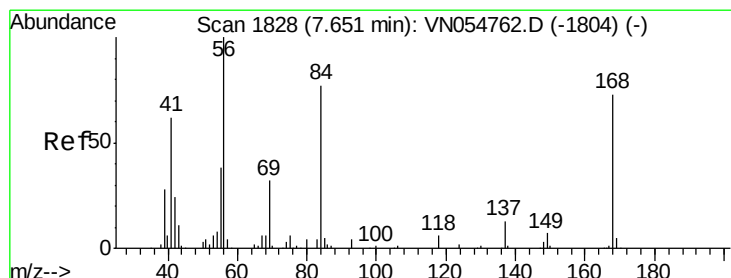
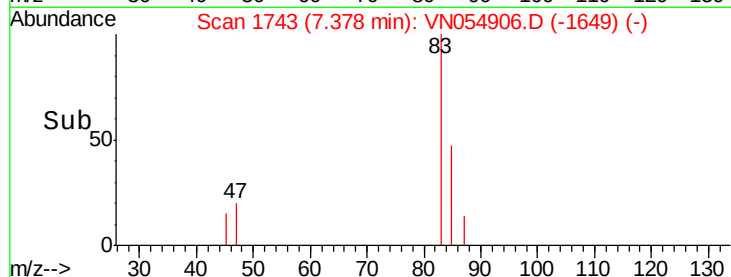
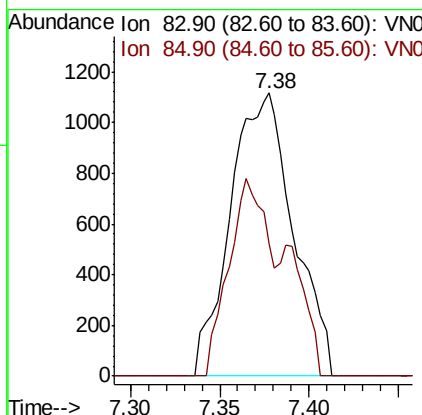
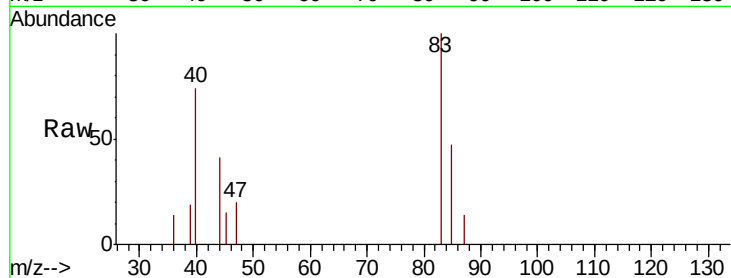




#30
Chloroform
Concen: 0.268 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN054906.D
Acq: 2 Apr 2019 17:09

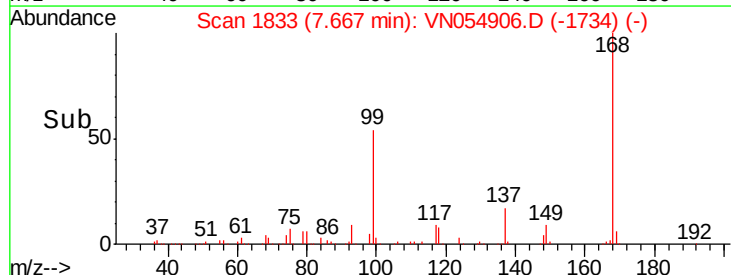
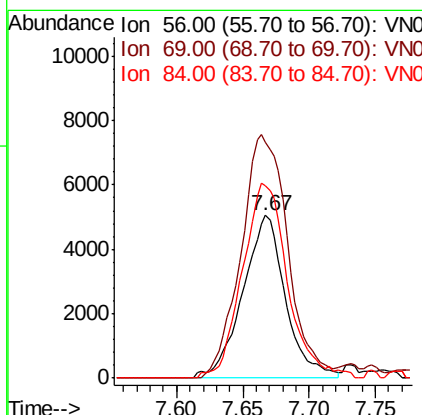
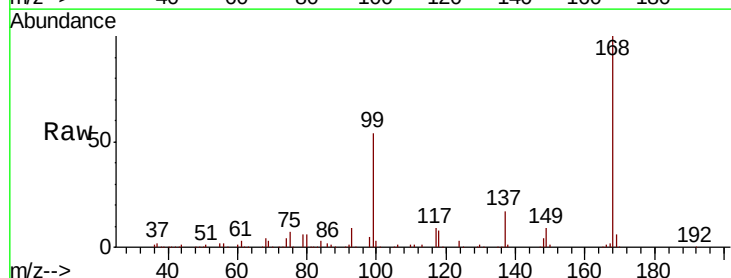
Instrument :
MSVOA_N
ClientSampleId :

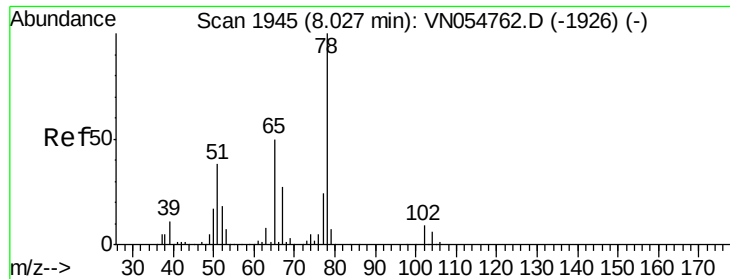
Tot Ion: 83 Resp: 2750
Ion Ratio Lower Upper
83 100
85 47.0 52.2 78.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054906.D
Acq: 2 Apr 2019 17:09

Tgt Ion: 56 Resp: 11339
Ion Ratio Lower Upper
56 100
69 144.9 27.8 41.6#
84 118.1 74.6 111.8#

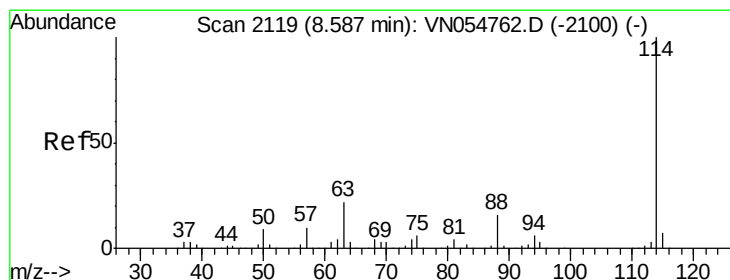
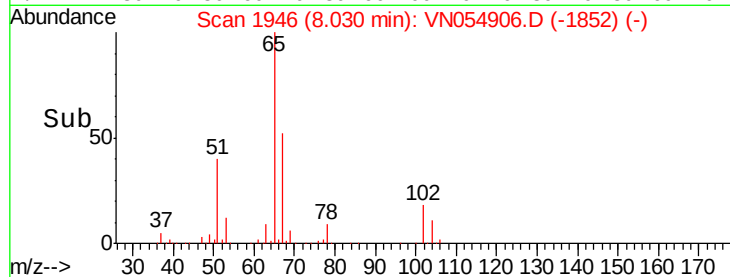
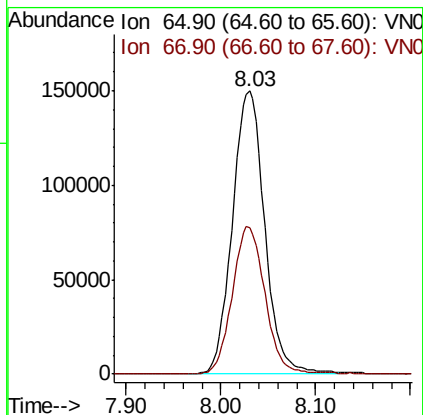
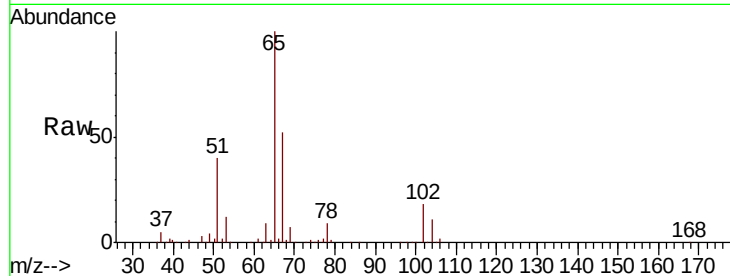




#33
 1,2-Dichloroethane-d4
 Concen: 50.147 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054906.D
 Acq: 2 Apr 2019 17:09

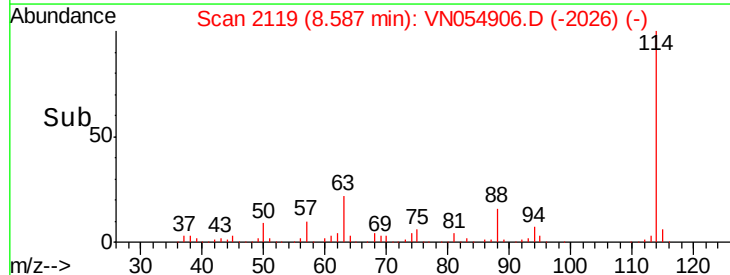
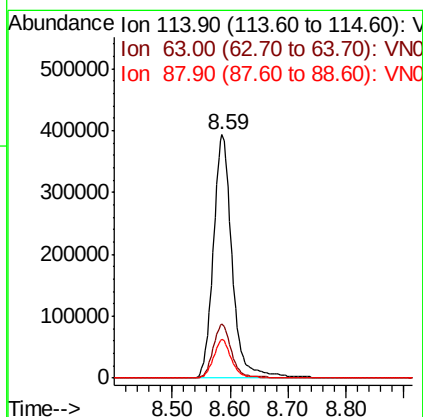
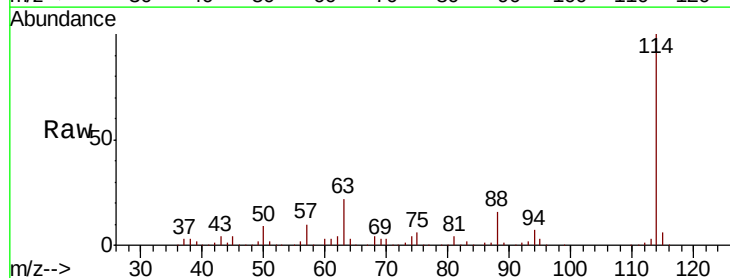
Instrument :
 MSVOA_N
 ClientSampleId :

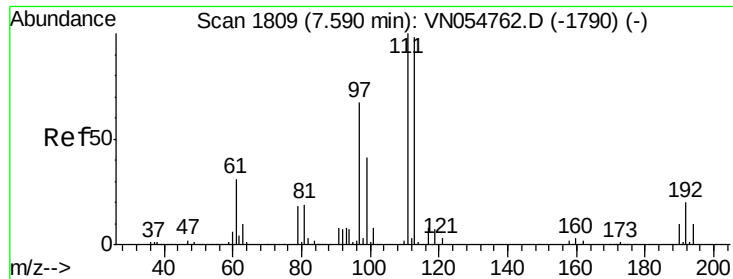
Tot Ion: 65 Resp: 355822
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054906.D
 Acq: 2 Apr 2019 17:09

Tgt Ion: 114 Resp: 888979
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 35.2
 88 16.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.654 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

ClientSampleId :

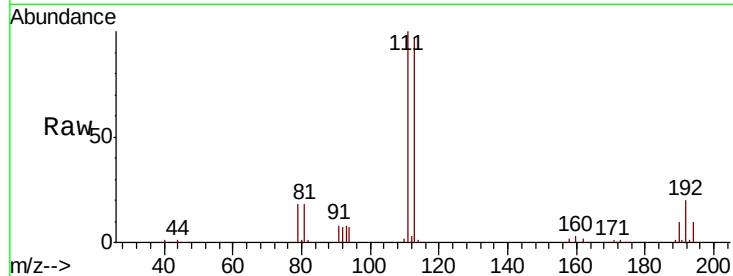
Tot Ion:113 Resp: 282432

Ion Ratio Lower Upper

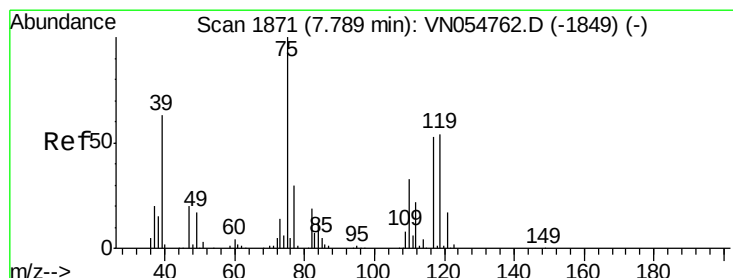
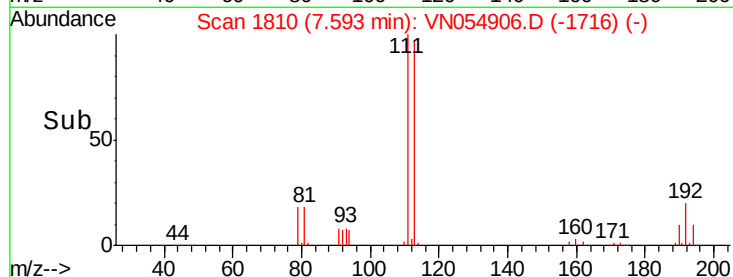
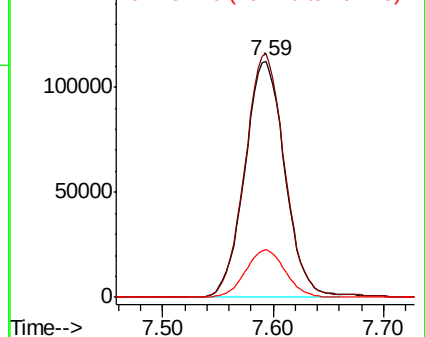
113 100

111 102.2 82.2 123.4

192 20.1 19.2 28.8



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



#36

1,1-Dichloropropene

Concen: 4.945 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

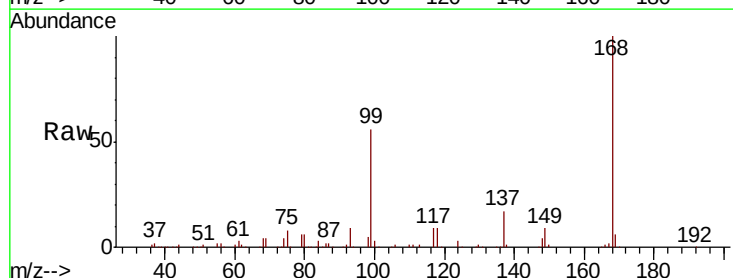
Tgt Ion: 75 Resp: 40966

Ion Ratio Lower Upper

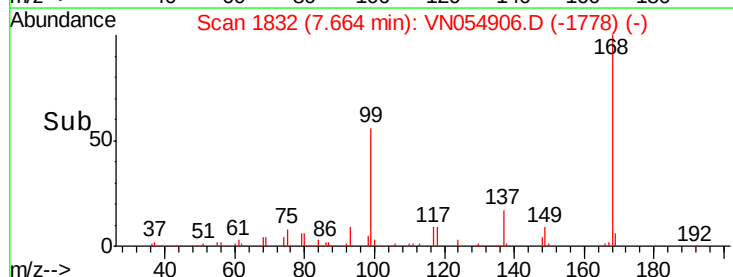
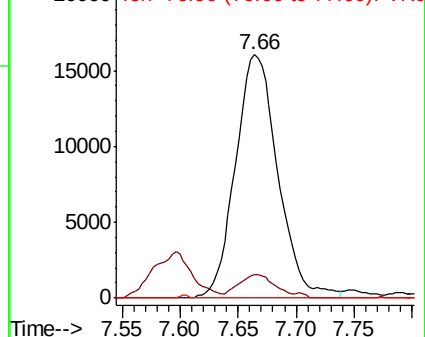
75 100

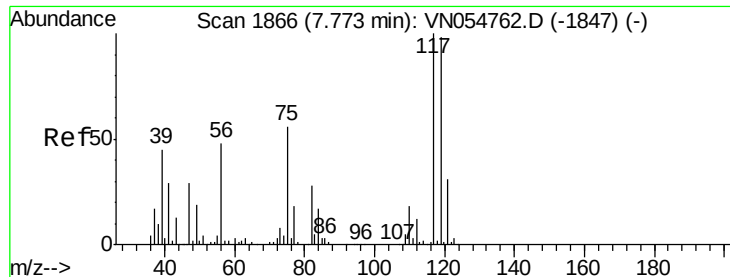
110 8.8 19.1 57.5#

77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.217 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

ClientSampleId :

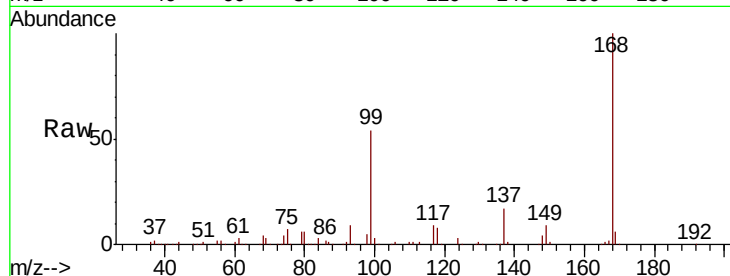
Tot Ion:117 Resp: 50022

Ion Ratio Lower Upper

117 100

119 5.4 76.3 114.5#

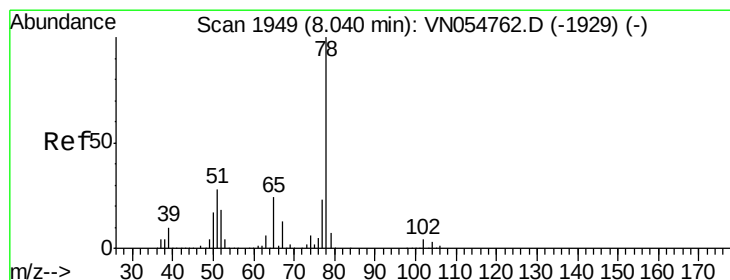
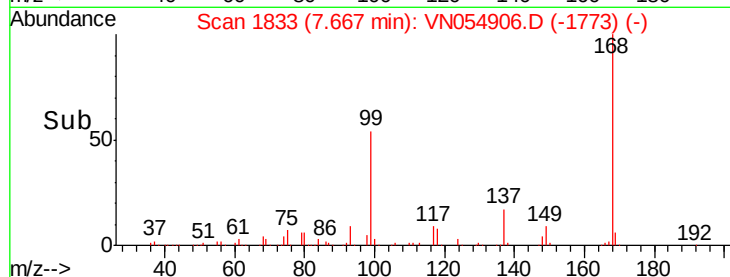
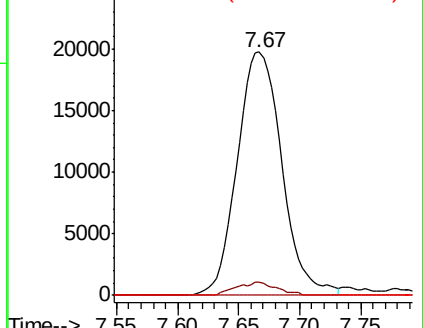
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 1.896 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN054906.D

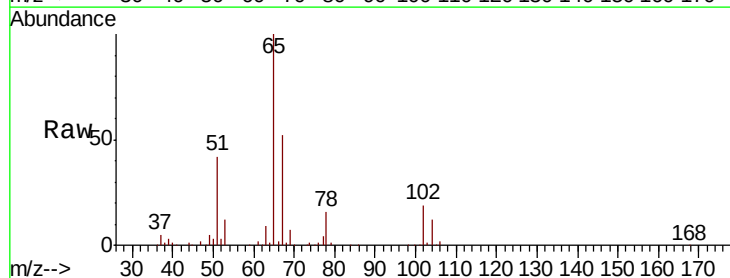
Acq: 2 Apr 2019 17:09

Tgt Ion: 78 Resp: 44935

Ion Ratio Lower Upper

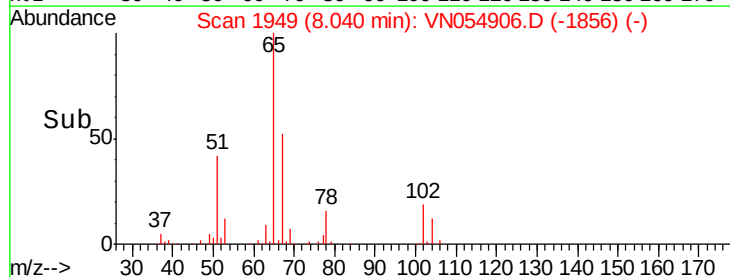
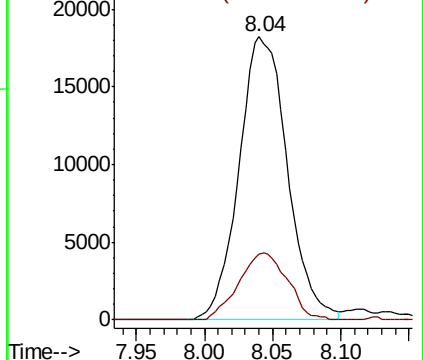
78 100

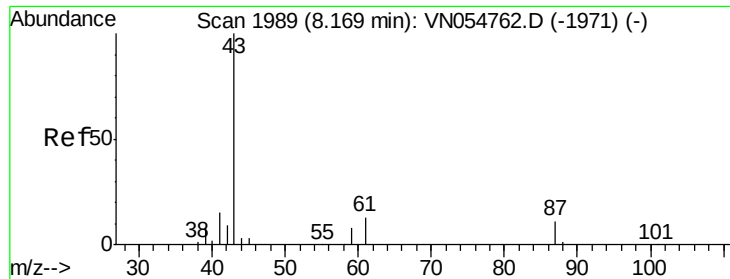
77 23.4 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#43

Isopropyl Acetate

Concen: 1.451 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

ClientSampleId :

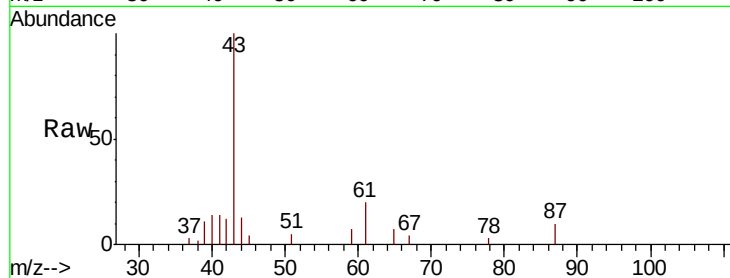
Tot Ion: 43 Resp: 14321

Ion Ratio Lower Upper

43 100

61 19.3 15.8 23.8

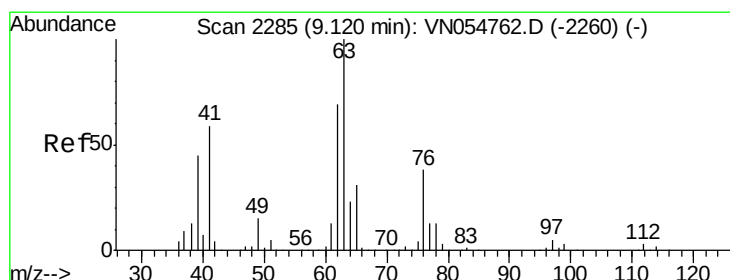
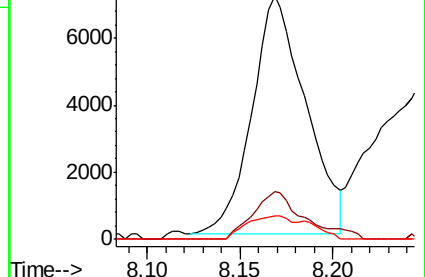
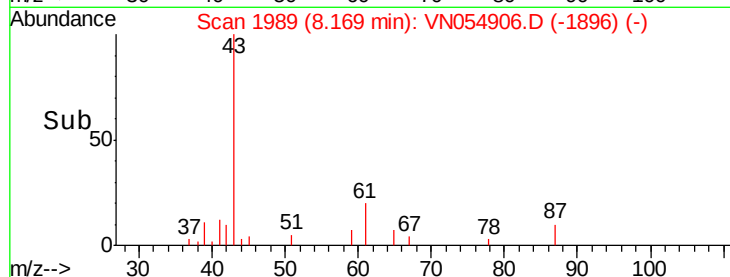
87 11.5 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054906.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054906.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054906.D (-1896) (-)



#45

1,2-Dichloropropane

Concen: 0.253 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.15 min

Lab File: VN054906.D

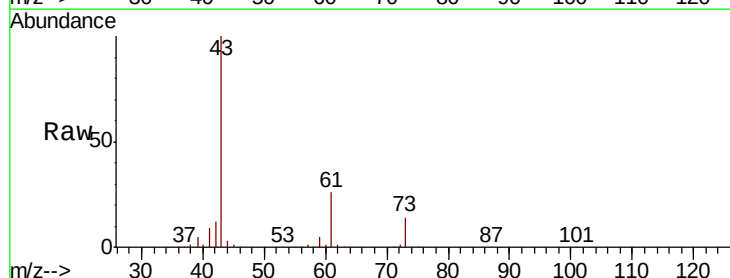
Acq: 2 Apr 2019 17:09

Tgt Ion: 63 Resp: 1713

Ion Ratio Lower Upper

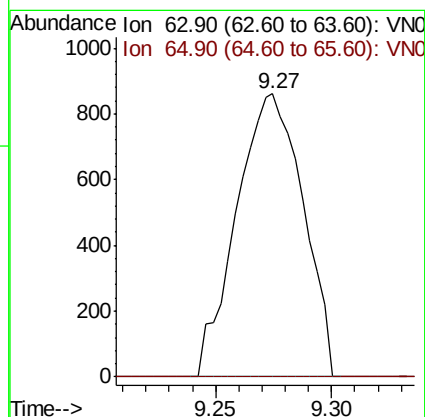
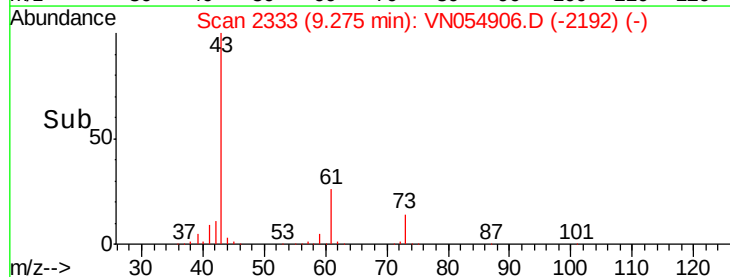
63 100

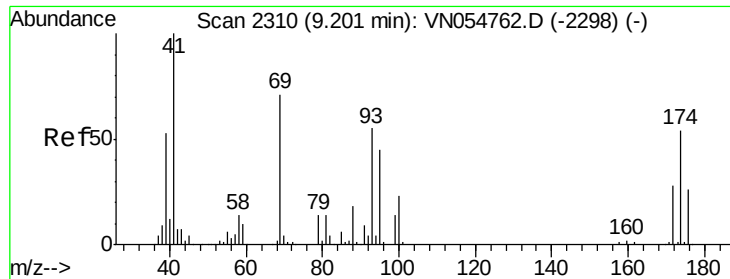
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN054906.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN054906.D (-2192) (-)

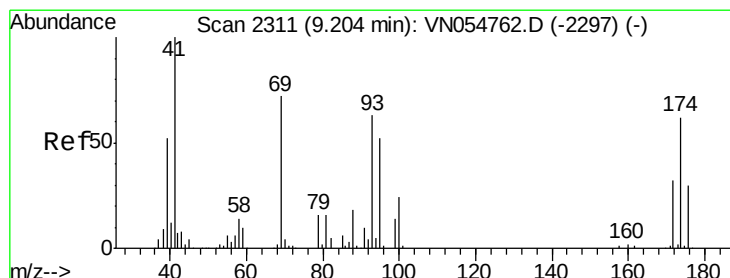
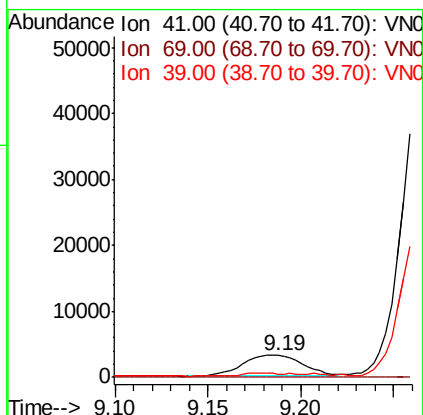
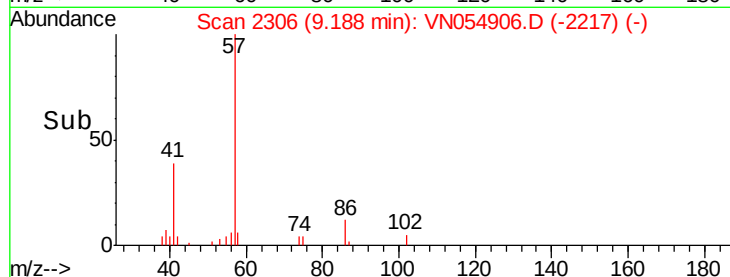
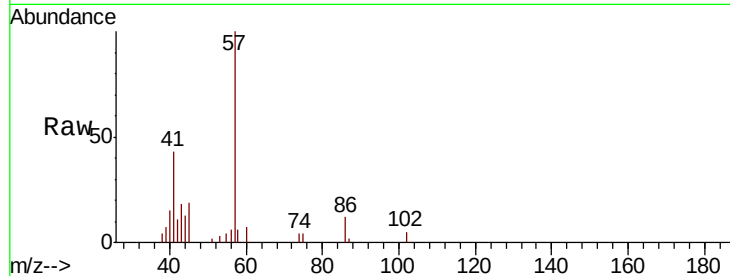




#48
Methvl methacrylate
Concen: 1.351 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.01 min
Lab File: VN054906.D
Acq: 2 Apr 2019 17:09

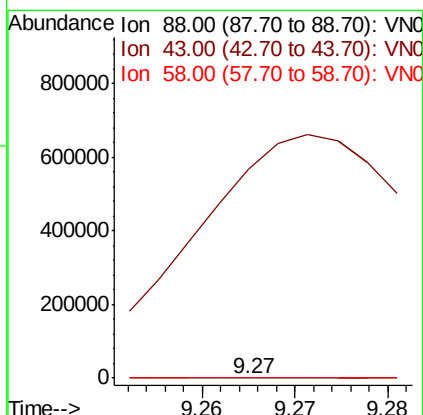
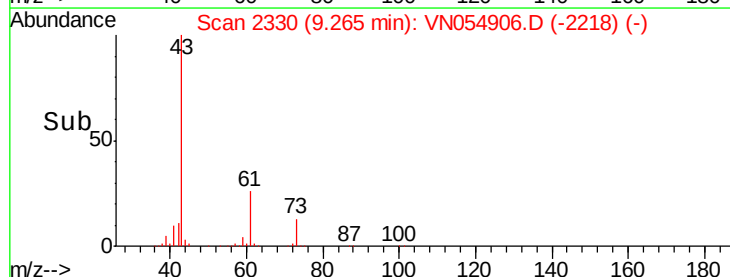
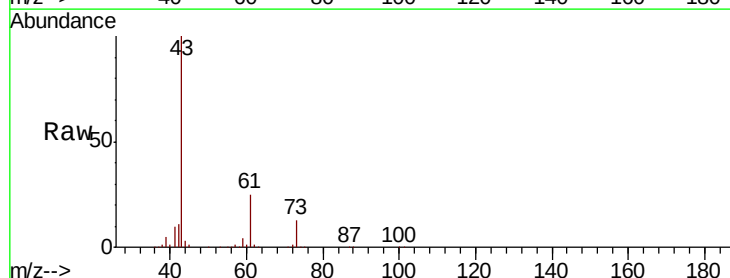
Instrument :
MSVOA_N
ClientSampled :

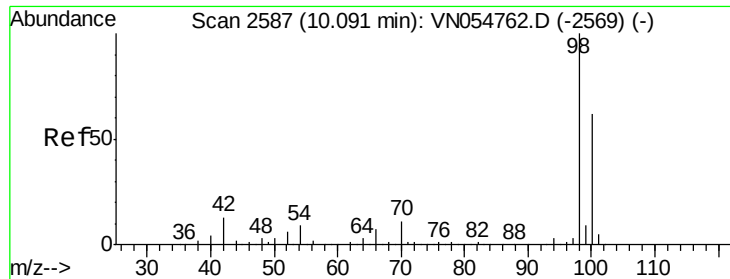
Tot Ion: 41 Resp: 7231
Ion Ratio Lower Upper
41 100
69 0.0 72.6 108.8#
39 0.0 47.5 71.3#



#49
1,4-Dioxane
Concen: 1.187 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN054906.D
Acq: 2 Apr 2019 17:09

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 2089127.0 24.1 36.1#
58 8490.5 50.8 76.2#





#50

Toluene-d8

Concen: 47.524 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

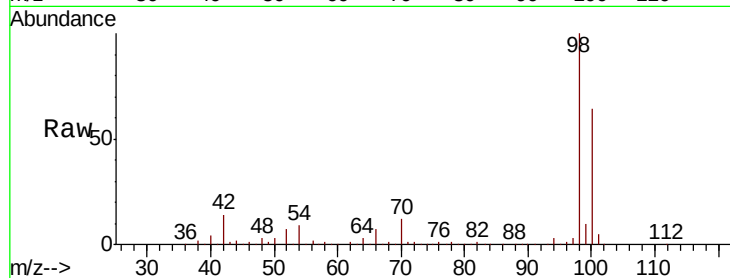
ClientSampled :

Tot Ion: 98 Resp: 1047159

Ion Ratio Lower Upper

98 100

100 63.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054762.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054762.D (-2569) (-)

10.09

600000

500000

400000

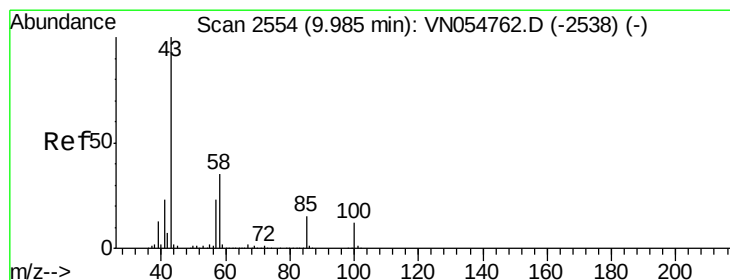
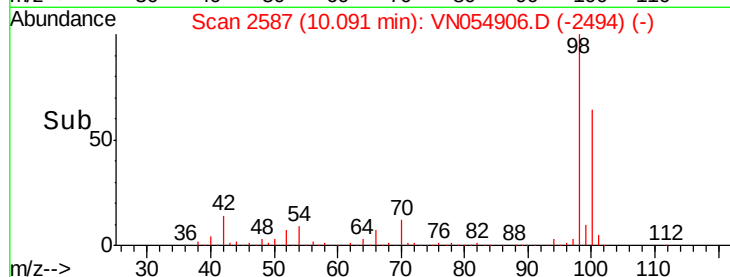
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.668 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054906.D

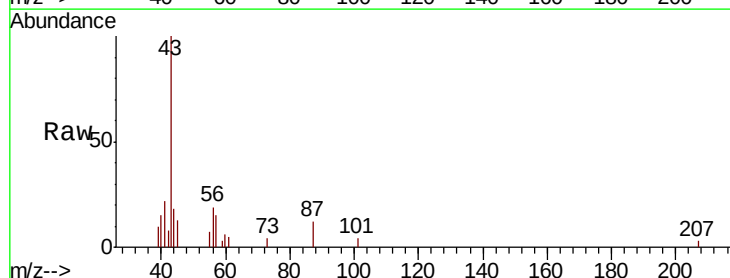
Acq: 2 Apr 2019 17:09

Tgt Ion: 43 Resp: 9256

Ion Ratio Lower Upper

43 100

58 0.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN054762.D (-2538) (-)

10.02

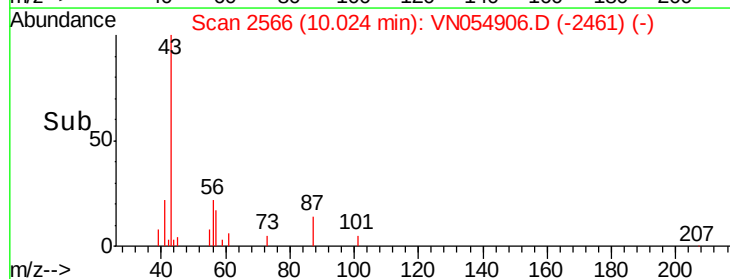
6000

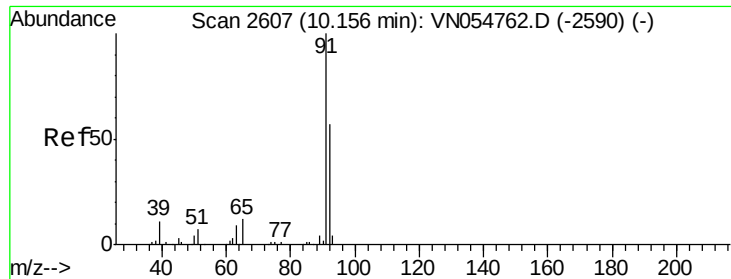
4000

2000

0

Time-->





#52

Toluene

Concen: 1.974 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

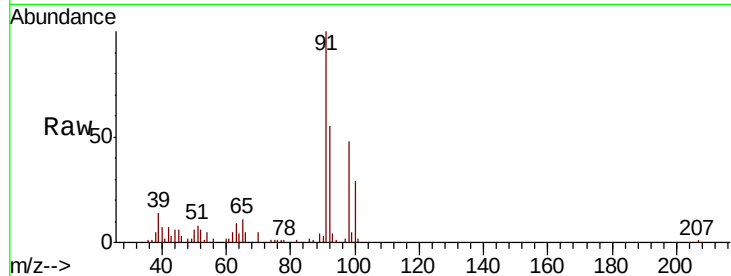
ClientSampled :

Tot Ion: 92 Resp: 27846

Ion Ratio Lower Upper

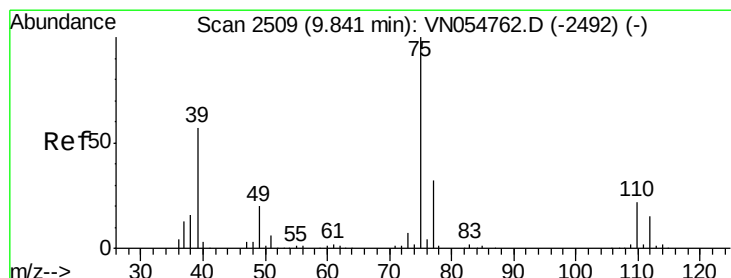
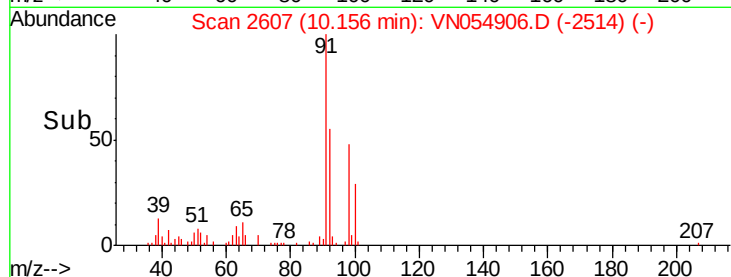
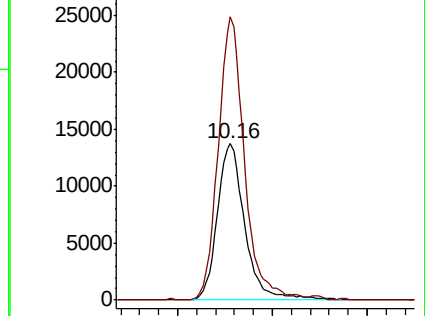
92 100

91 170.2 140.7 211.1



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: 5.767 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

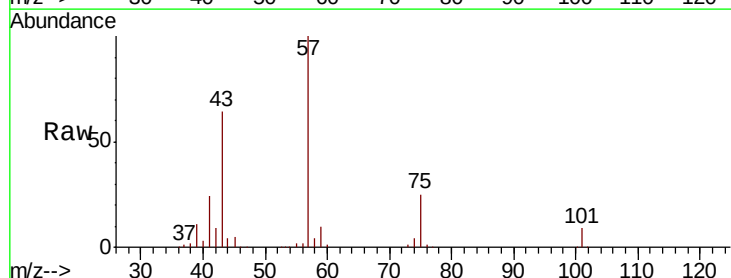
Tgt Ion: 75 Resp: 51205

Ion Ratio Lower Upper

75 100

77 0.7 25.4 38.0#

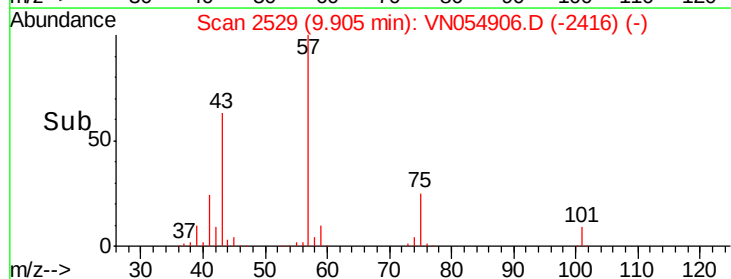
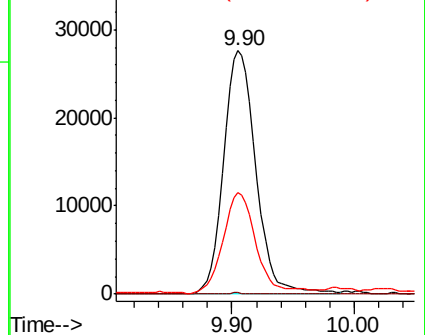
39 41.5 37.2 55.8

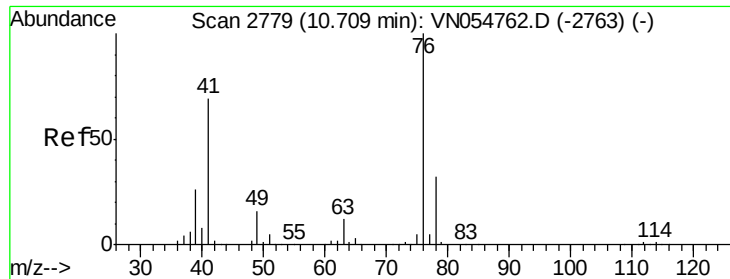


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

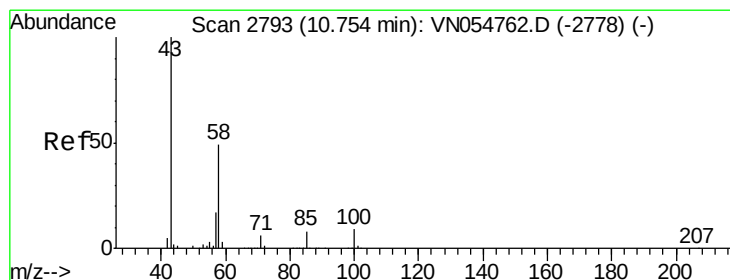
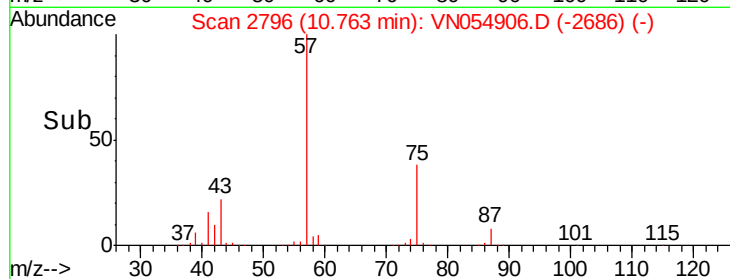
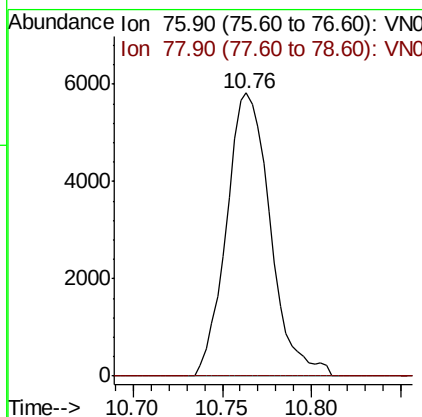
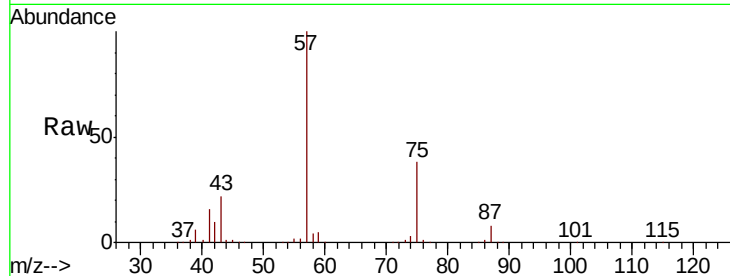




#57
 1,3-Dichloropropane
 Concen: 1.106 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN054906.D
 Acq: 2 Apr 2019 17:09

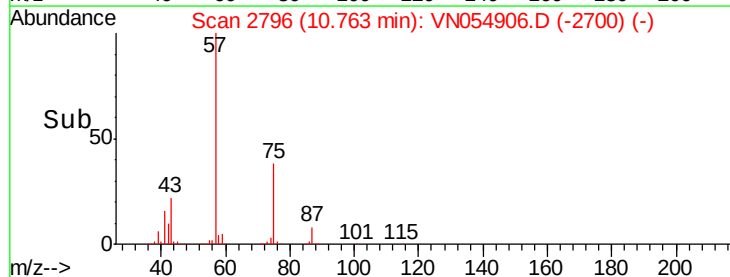
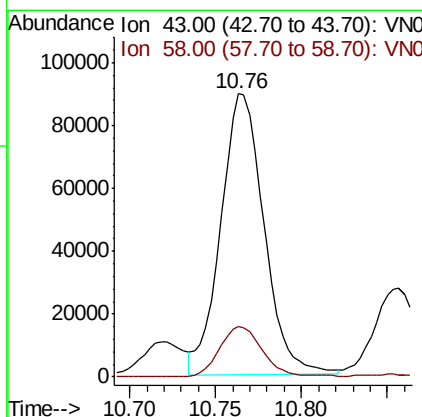
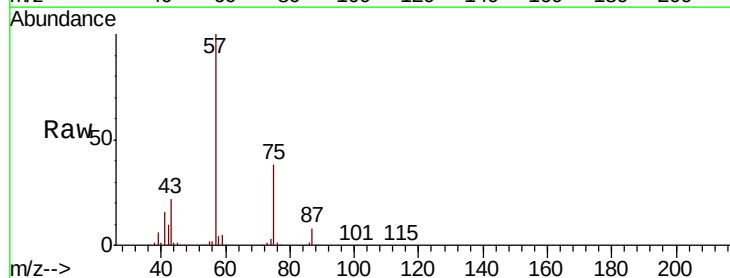
Instrument :
 MSVOA_N
 ClientSampleId :

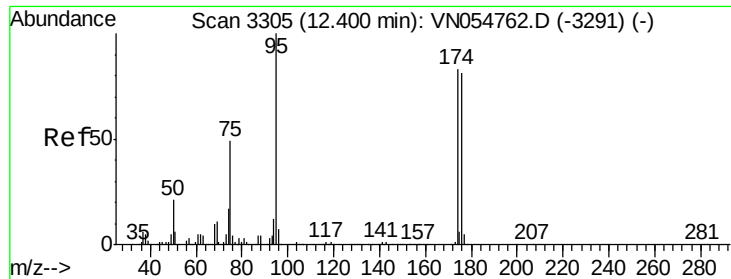
Tot Ion: 76 Resp: 9968
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#



#59
 2-Hexanone
 Concen: 44.275 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN054906.D
 Acq: 2 Apr 2019 17:09

Tgt Ion: 43 Resp: 157284
 Ion Ratio Lower Upper
 43 100
 58 18.1 28.0 83.9#





#62

4-Bromofluorobenzene

Concen: 43.030 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

ClientSampled :

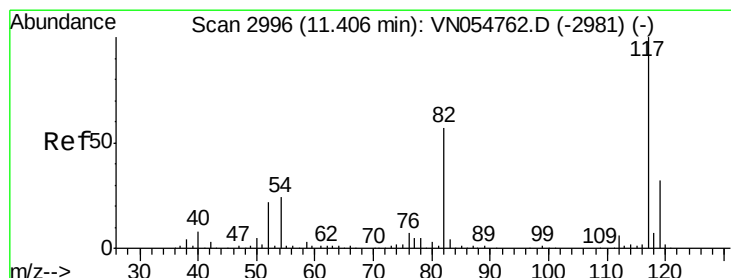
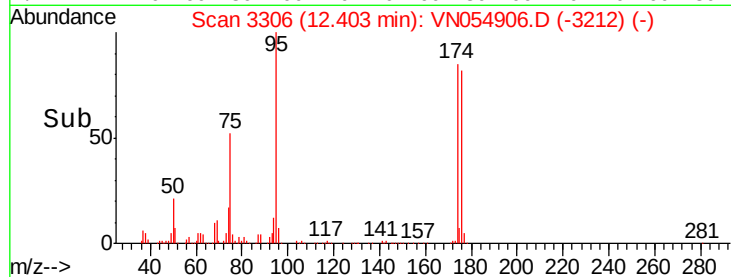
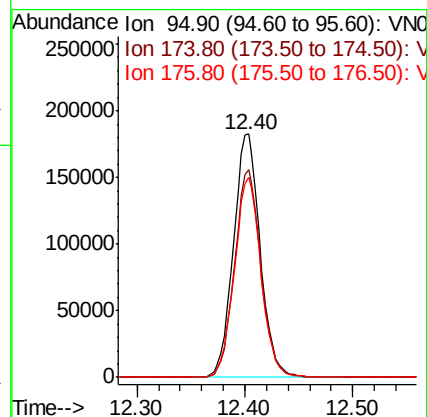
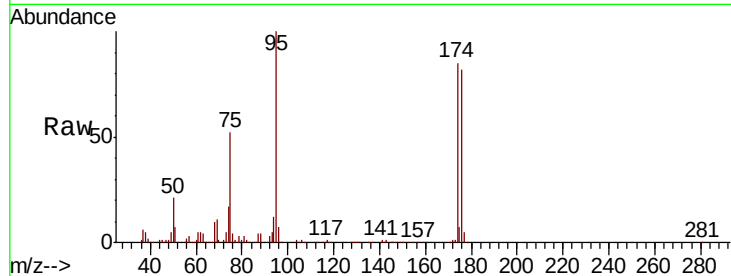
Tot Ion: 95 Resp: 315331

Ion Ratio Lower Upper

95 100

174 84.2 0.0 191.0

176 81.5 0.0 187.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

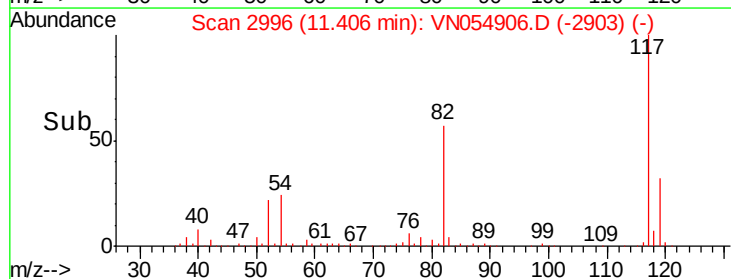
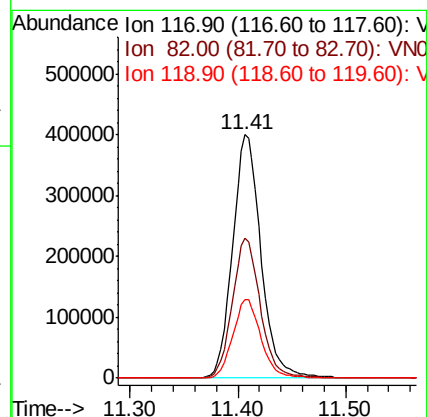
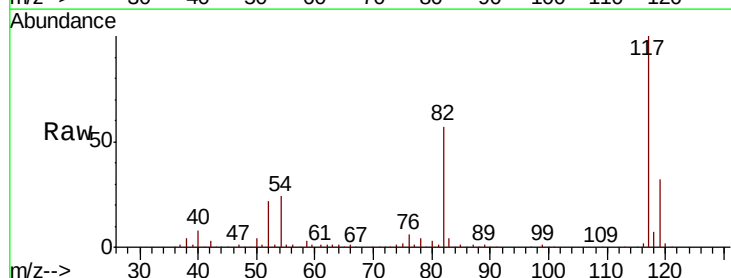
Tgt Ion: 117 Resp: 734344

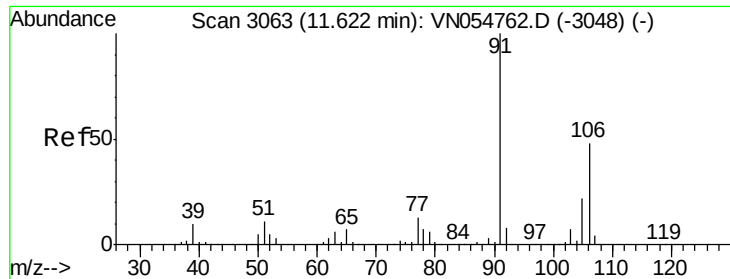
Ion Ratio Lower Upper

117 100

82 57.4 40.0 60.0

119 32.5 25.8 38.6

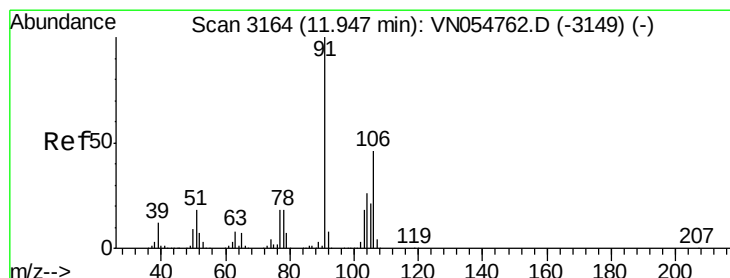
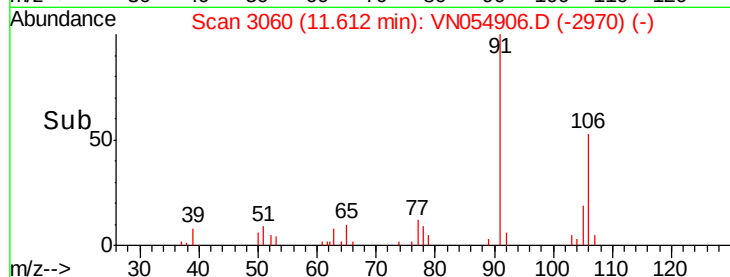
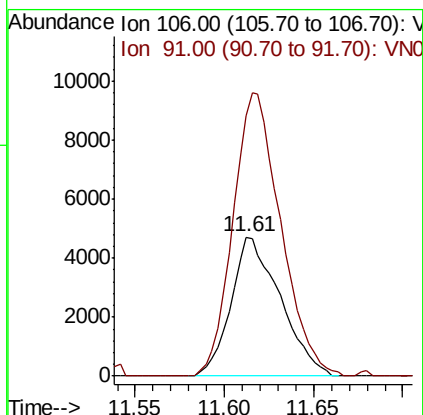
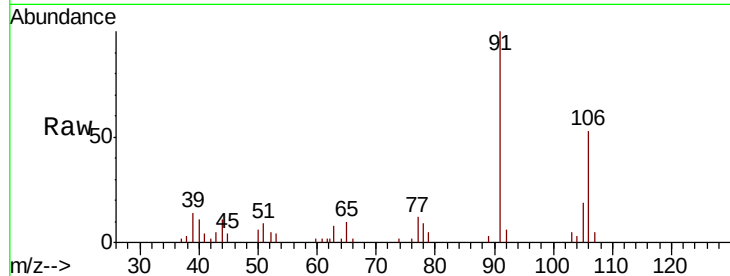




#68
m/p-Xylenes
Concen: 0.946 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.01 min
Lab File: VN054906.D
Acq: 2 Apr 2019 17:09

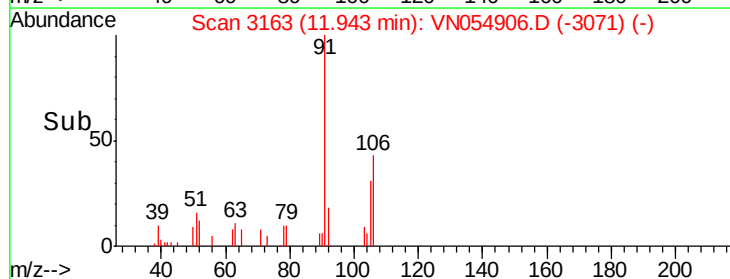
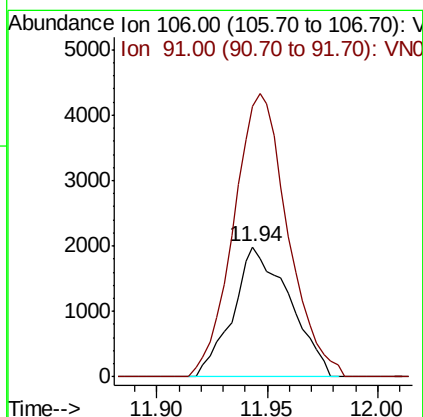
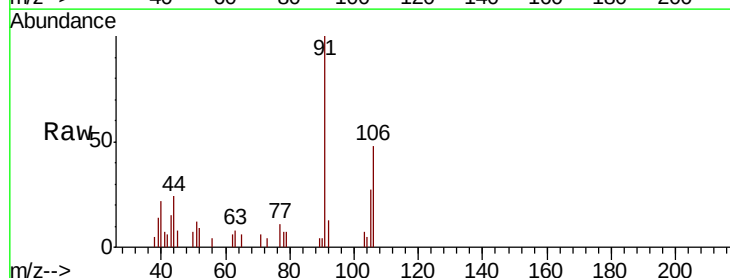
Instrument :
MSVOA_N
ClientSampled :

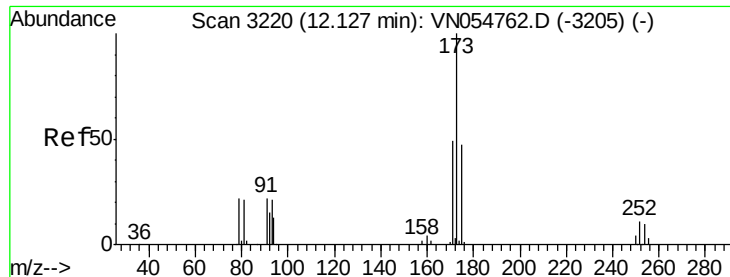
Tot Ion:106 Resp: 9079
Ion Ratio Lower Upper
106 100
91 197.5 159.4 239.2



#69
o-Xylene
Concen: 0.373 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN054906.D
Acq: 2 Apr 2019 17:09

Tgt Ion:106 Resp: 3514
Ion Ratio Lower Upper
106 100
91 209.5 105.7 317.1





#71

Bromoform

Concen: 0.968 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

ClientSampleId :

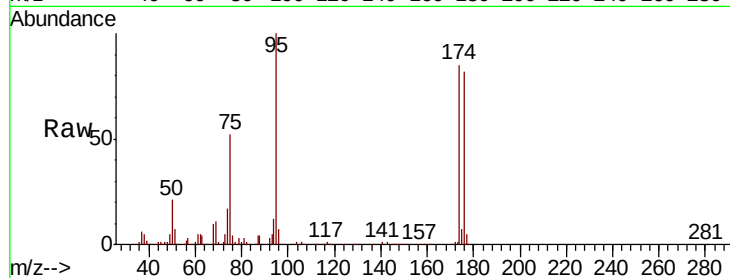
Tot Ion:173 Resp: 3053

Ion Ratio Lower Upper

173 100

175 595.5 24.4 73.2#

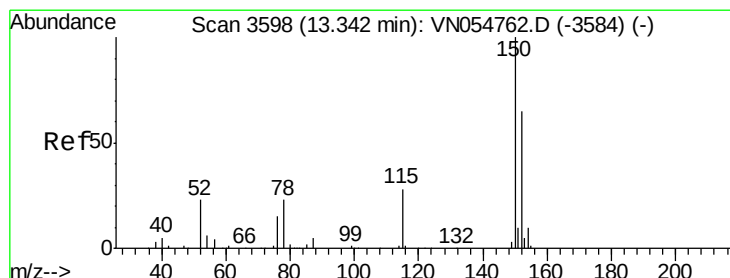
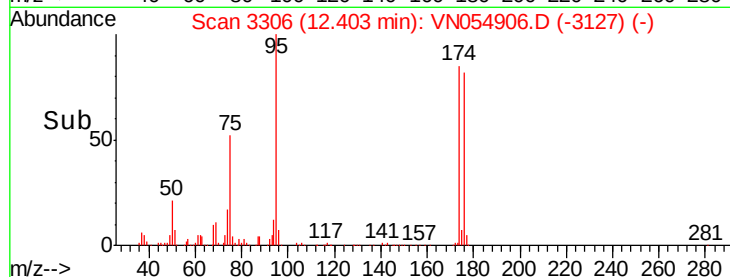
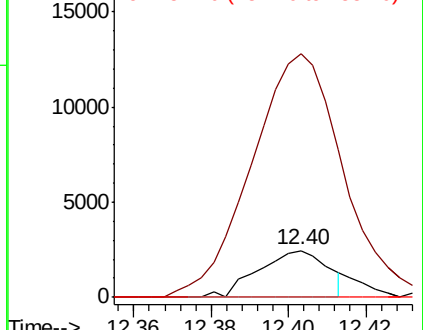
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

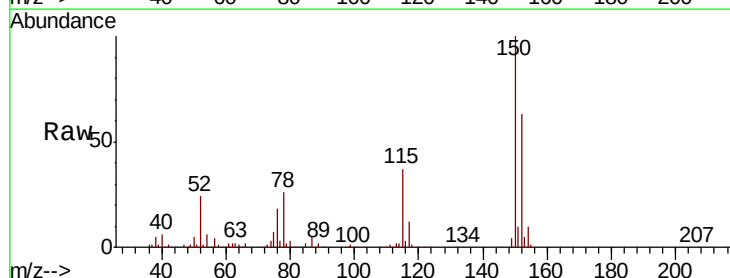
Tgt Ion:152 Resp: 257674

Ion Ratio Lower Upper

152 100

115 58.7 27.2 81.6

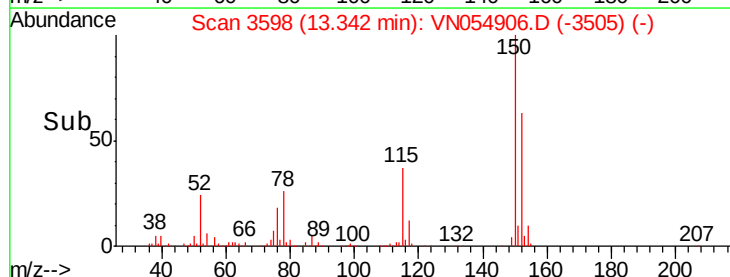
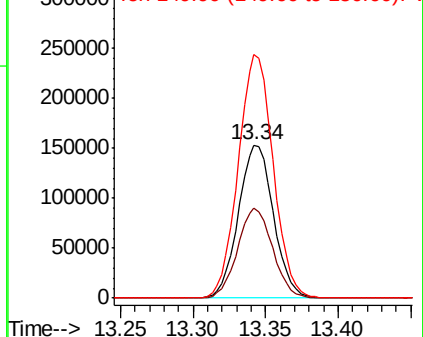
150 158.5 0.0 349.2

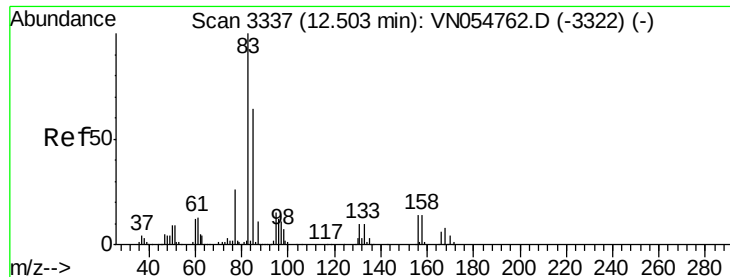


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. -0.10 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

ClientSampled :

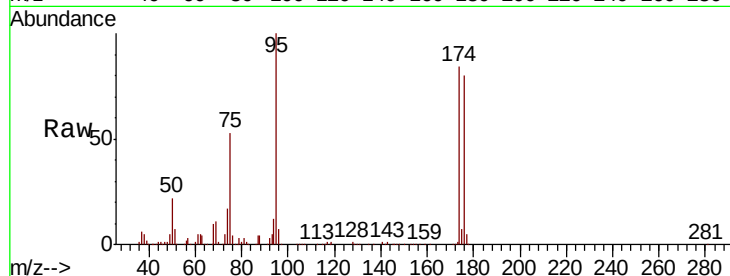
Tot Ion: 83 Resp: 278

Ion Ratio Lower Upper

83 100

131 158.6 5.8 17.4#

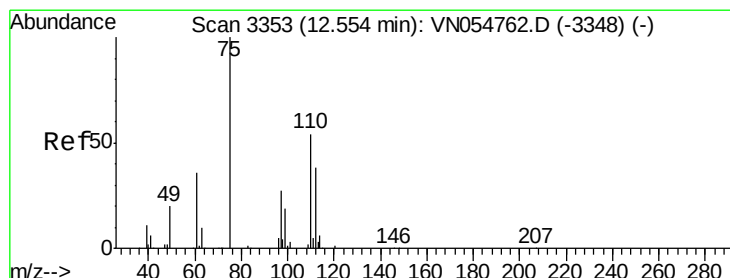
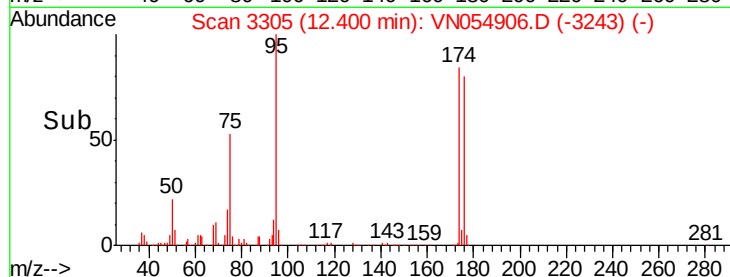
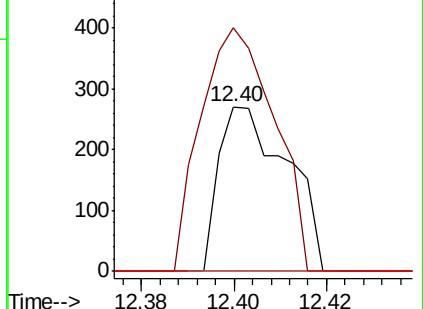
85 0.0 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 36.719 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054906.D

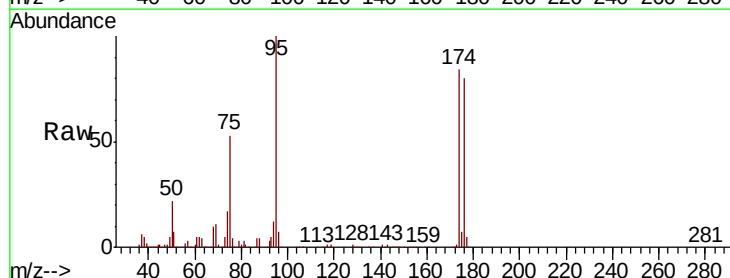
Acq: 2 Apr 2019 17:09

Tgt Ion: 75 Resp: 164370

Ion Ratio Lower Upper

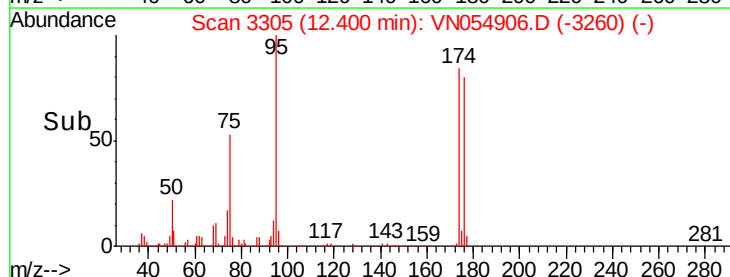
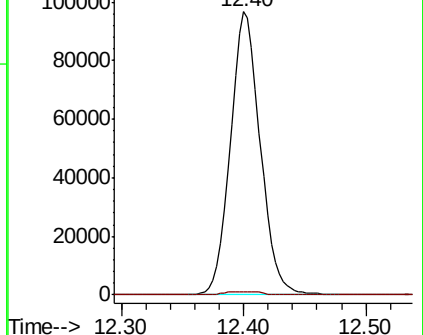
75 100

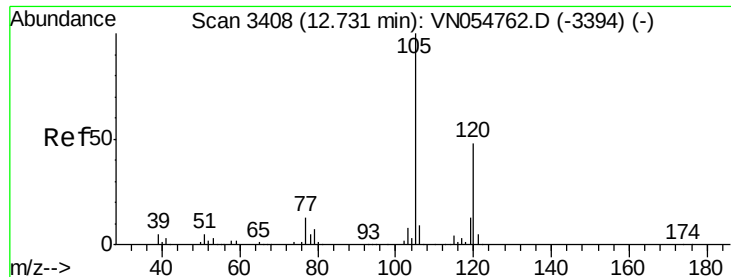
77 0.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.397 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

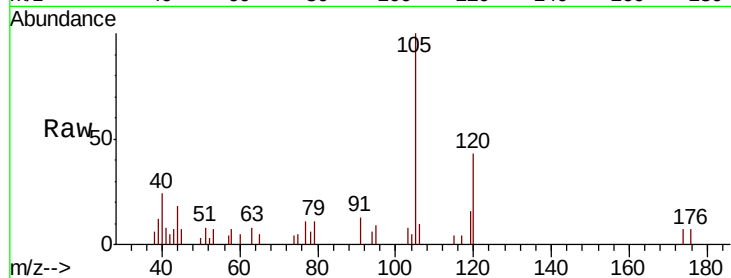
ClientSampled :

Tot Ion:105 Resp: 6860

Ion Ratio Lower Upper

105 100

120 48.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

5000

4000

3000

2000

1000

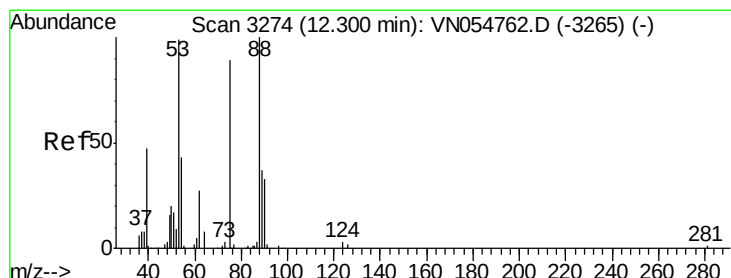
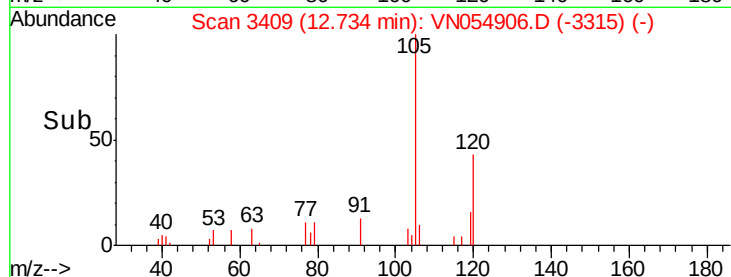
0

12.70

12.73

12.75

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 142.829 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

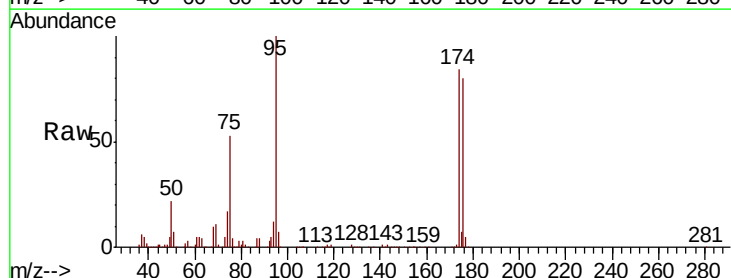
Tgt Ion: 75 Resp: 164370

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

89 0.0 39.2 58.8#



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

120000

100000

80000

60000

40000

20000

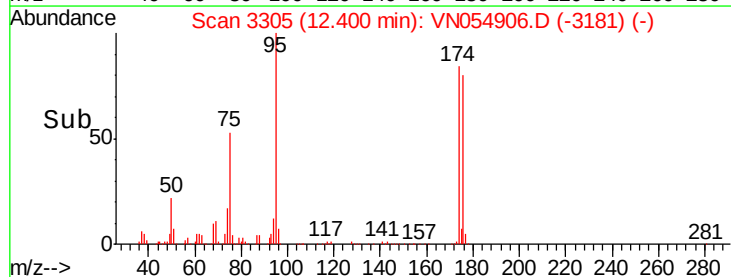
0

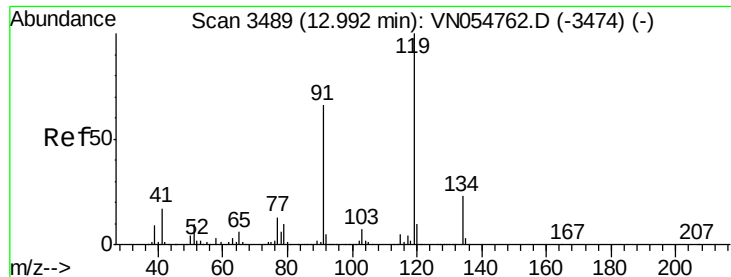
12.30

12.40

12.50

Time-->

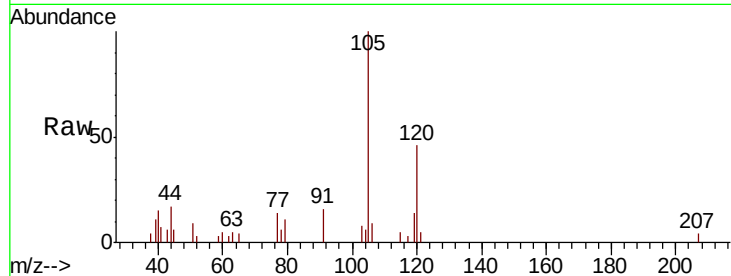




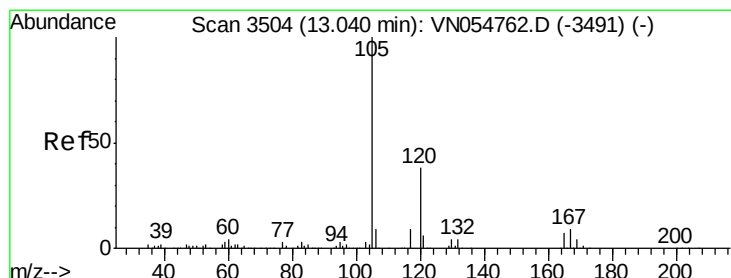
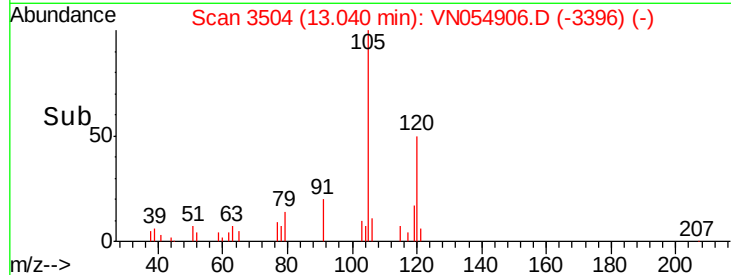
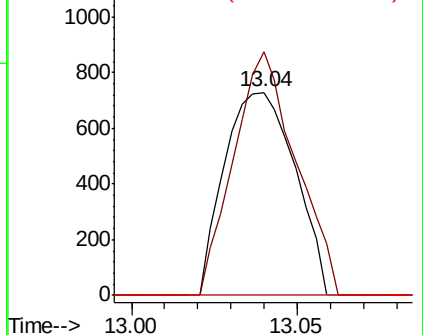
#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN054906.D
 Acq: 2 Apr 2019 17:09

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 1080
 Ion Ratio Lower Upper
 119 100
 91 105.9 30.9 92.8#
 134 0.0 13.2 39.6#

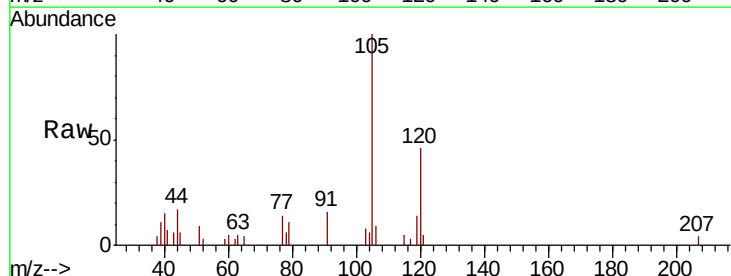


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VN
 Ion 134.00 (133.70 to 134.70): V

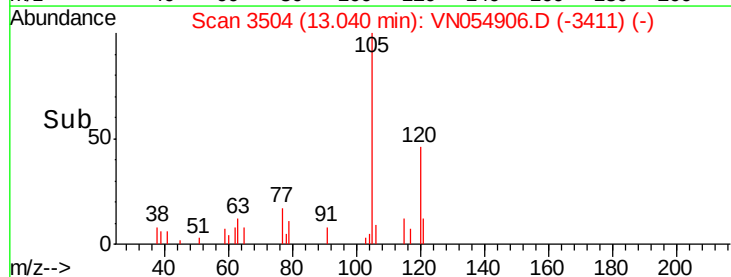
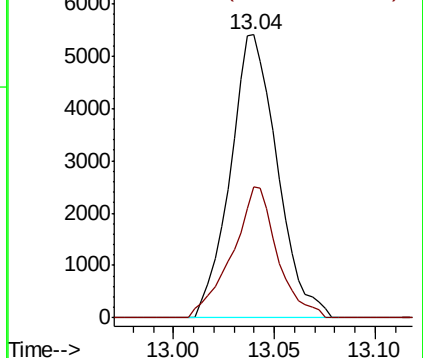


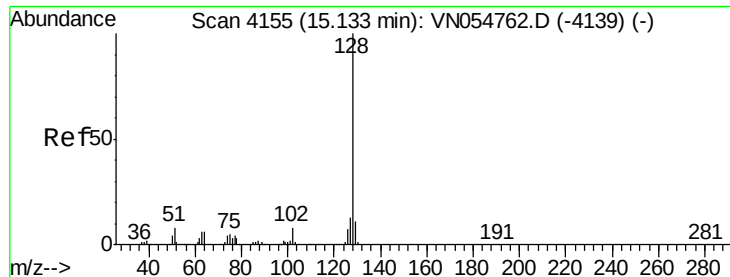
#84
 1,2,4-Trimethylbenzene
 Concen: 0.535 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054906.D
 Acq: 2 Apr 2019 17:09

Tgt Ion:105 Resp: 8807
 Ion Ratio Lower Upper
 105 100
 120 44.4 23.4 70.3



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





#95

Naphthalene

Concen: 1.637 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

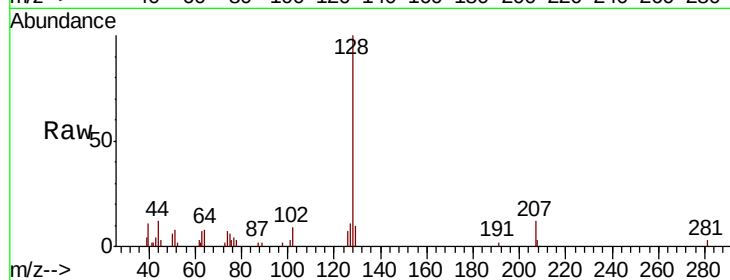
Lab File: VN054906.D

Acq: 2 Apr 2019 17:09

Instrument :

MSVOA_N

ClientSampleId :



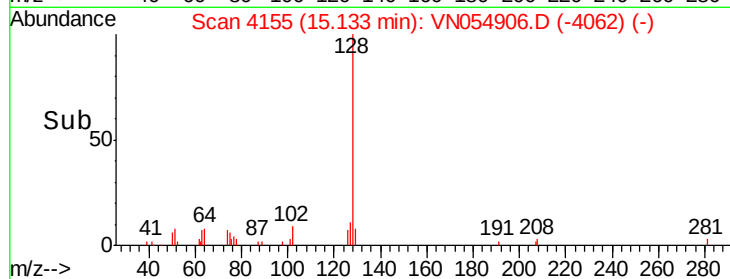
Tot Ion:128 Resp: 15203

Ion Ratio Lower Upper

128 100

127 7.2 10.1 15.1#

129 9.7 8.7 13.1



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

