

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053006.D
 Acq On : 19 Dec 2018 13:03
 Operator : MD\SY
 Sample : J6378-10ME 10X
 Misc : 3.02/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 20 05:18:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1314387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2007064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1876801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	854734	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	645244	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
35) Dibromofluoromethane	7.59	113	502577	54.82	ug/l	0.00
Spiked Amount			Recovery	=	109.64%	
50) Toluene-d8	10.09	98	2494791	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	12.40	95	890945	51.56	ug/l	0.00
Spiked Amount			Recovery	=	103.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	265	0.359	ug/l #	42
15) Acrylonitrile	5.06	53	2337	0.517	ug/l #	33
16) Acetone	3.82	43	3121	1.193	ug/l #	80
18) Methyl Acetate	4.34	43	8284	1.676	ug/l #	84
29) Tetrahydrofuran	7.22	42	981	0.299	ug/l #	39
31) Cyclohexane	7.66	56	41432	0.760	ug/l #	19
36) 1,1-Dichloropropene	7.67	75	85998	4.464	ug/l #	49
38) Carbon Tetrachloride	7.66	117	112165	6.352	ug/l #	15
39) Methylcyclohexane	9.08	83	37775	1.614	ug/l	96
40) Benzene	8.04	78	13069	0.228	ug/l	98
43) Isopropyl Acetate	8.34	43	235297	10.481	ug/l #	53
51) 4-Methyl-2-Pentanone	10.09	43	9909	0.951	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	3484	0.281	ug/l #	18
65) Chlorobenzene	11.43	112	209106	5.026	ug/l	99
67) Ethyl Benzene	11.62	91	6503228	90.895	ug/l #	66
68) m/p-Xylenes	11.62	106	3212800	118.122	ug/l	100
69) o-Xylene	11.95	106	16644	0.638	ug/l	100
71) Bromoform	12.40	173	5258	0.503	ug/l #	1
73) Isopropylbenzene	12.25	105	31027	0.464	ug/l	98
74) N-amyl acetate	12.04	43	4742	0.255	ug/l #	58
76) 1,2,3-Trichloropropane	12.40	75	413412	28.732	ug/l #	100
78) n-propylbenzene	12.59	91	57144	0.750	ug/l	99
79) 2-Chlorotoluene	12.65	91	19296	0.409	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	82560	1.515	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	413412	92.607	ug/l #	12
82) 4-Chlorotoluene	12.73	91	10857	0.235	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.04	105	278029	5.074	ug/l	99
85) sec-Butylbenzene	13.04	105	278029	4.264	ug/l #	56
86) p-Isopropyltoluene	13.29	119	54710	0.971	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	42565	1.383	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	381892	12.257	ug/l	99
89) n-Butylbenzene	13.61	91	10849	0.224	ug/l #	71
90) Hexachloroethane	13.89	117	4414	0.510	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.91	180	1024	0.662	ug/l #	6

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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 20 05:18:57 2018
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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

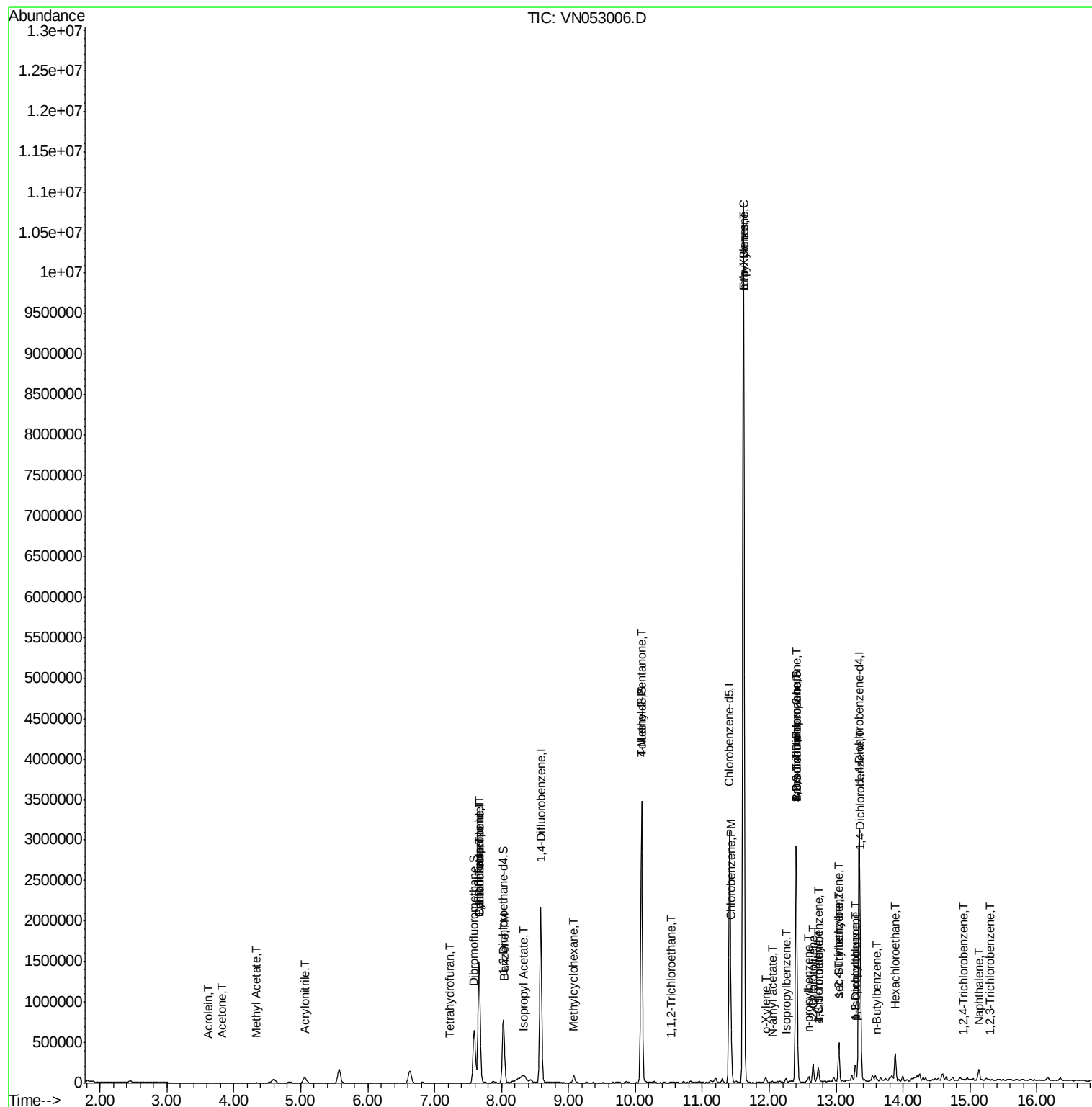
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	118593	4.595	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	140	0.518	ug/l #	1

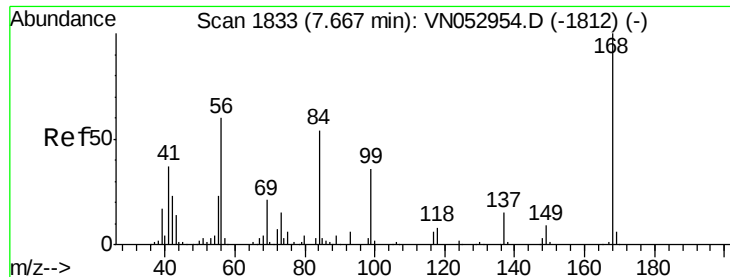
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

Instrument :

MSVOA_N

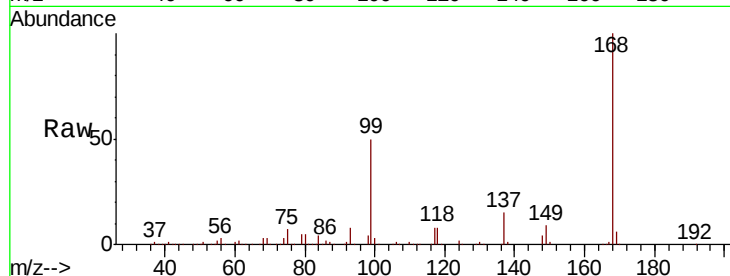
ClientSampled :

Tot Ion:168 Resp: 1314387

Ion Ratio Lower Upper

168 100

99 49.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

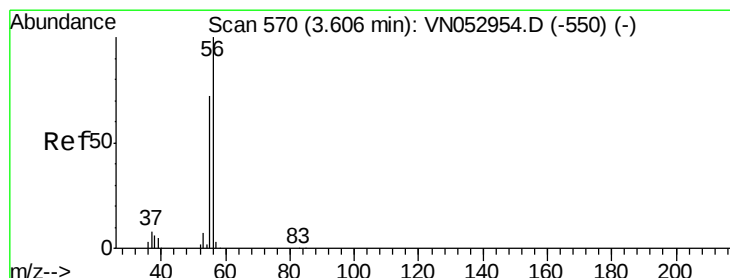
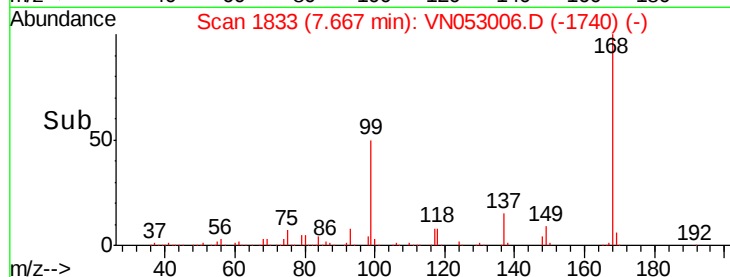
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.359 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN053006.D

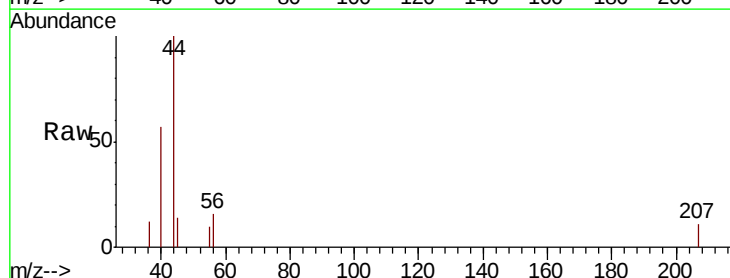
Acq: 19 Dec 2018 13:03

Tgt Ion: 56 Resp: 265

Ion Ratio Lower Upper

56 100

55 22.6 56.6 85.0#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

3.61

250

200

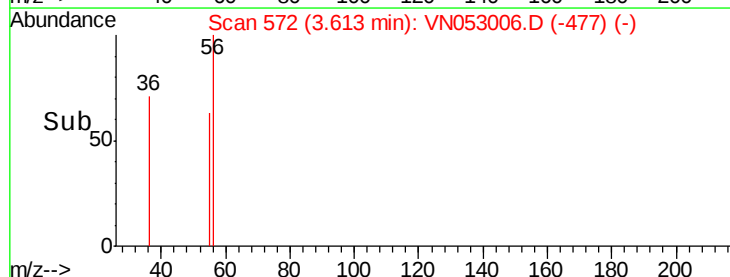
150

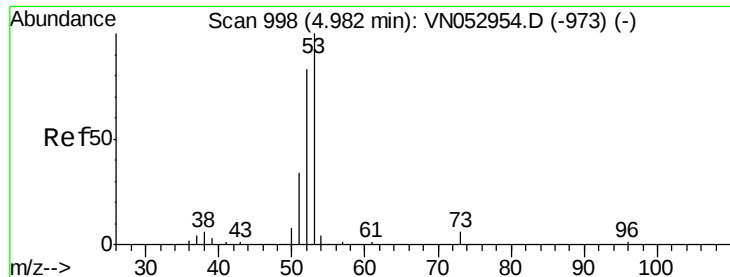
100

50

0

Time-->





#15

Acrylonitrile

Concen: 0.517 ug/l

RT: 5.06 min Scan# 1021

Delta R.T. 0.07 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

Instrument :

MSVOA_N

ClientSampled :

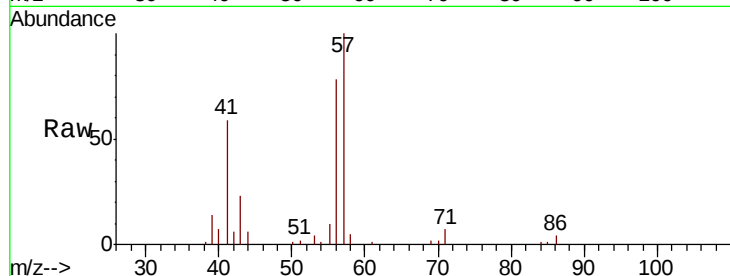
Tot Ion: 53 Resp: 2337

Ion Ratio Lower Upper

53 100

52 1.2 65.1 97.7#

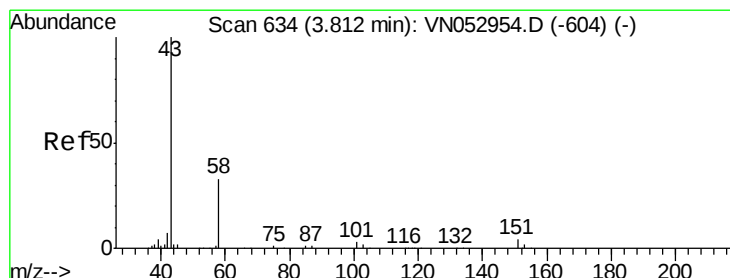
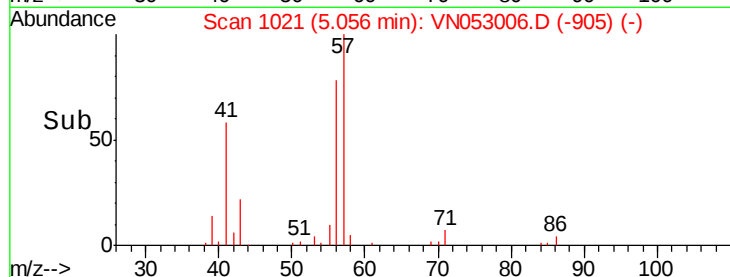
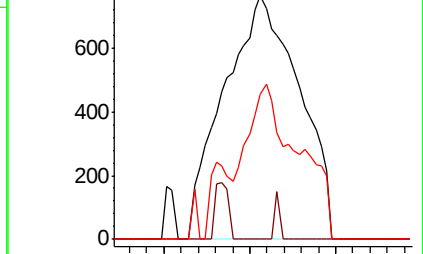
51 43.7 28.1 42.1#



Abundance Ion 53.00 (52.70 to 53.70): VN053006.D (-1021) (-)

Ion 52.00 (51.70 to 52.70): VN053006.D (-1021) (-)

Ion 51.00 (50.70 to 51.70): VN053006.D (-1021) (-)



#16

Acetone

Concen: 1.193 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053006.D

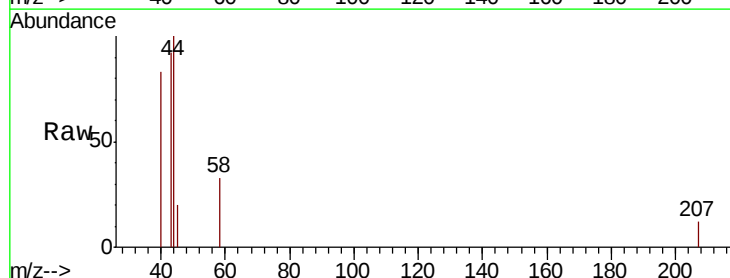
Acq: 19 Dec 2018 13:03

Tgt Ion: 43 Resp: 3121

Ion Ratio Lower Upper

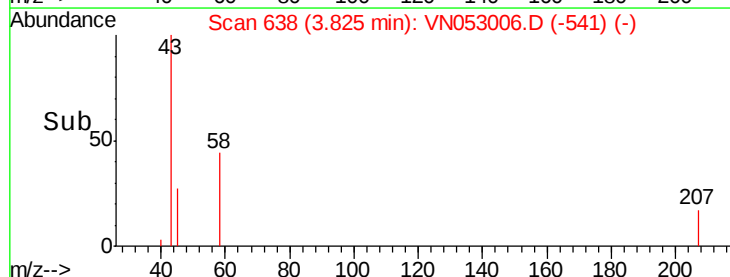
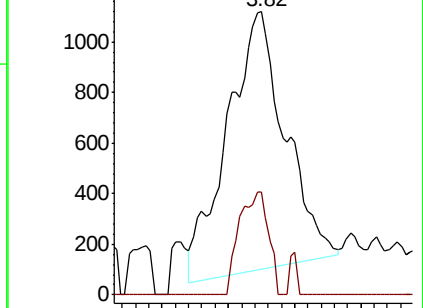
43 100

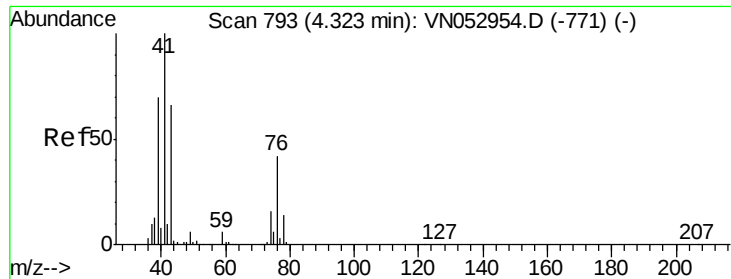
58 42.8 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VN053006.D (-638) (-)

Ion 58.00 (57.70 to 58.70): VN053006.D (-638) (-)

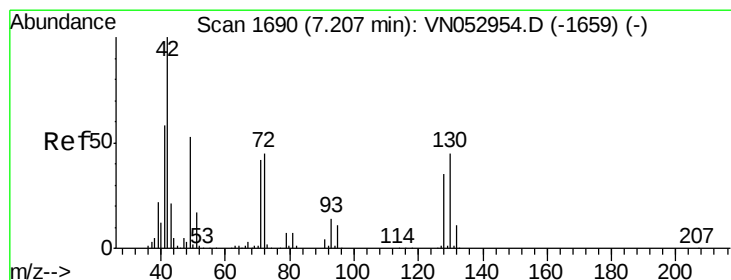
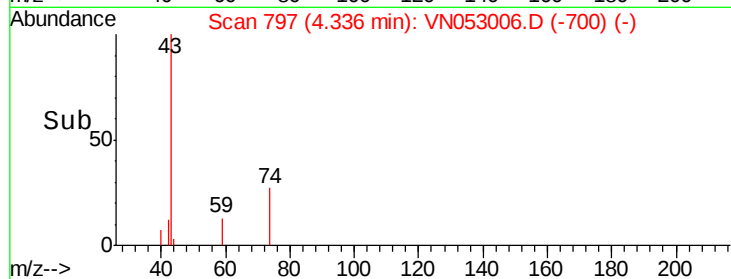
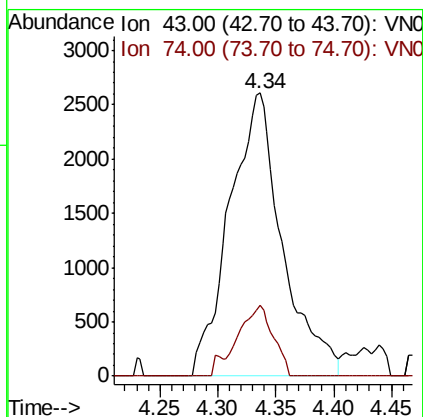
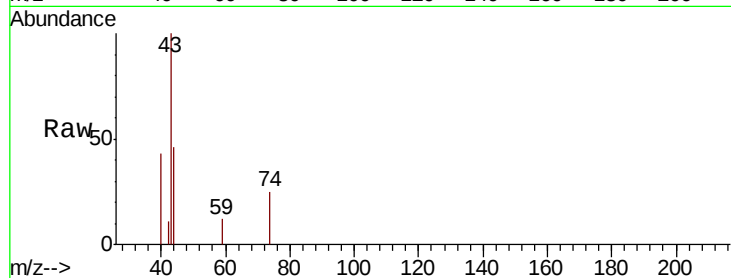




#18
Methyl Acetate
Concen: 1.676 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053006.D
Acq: 19 Dec 2018 13:03

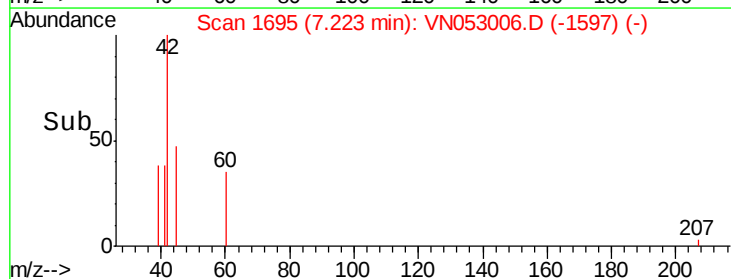
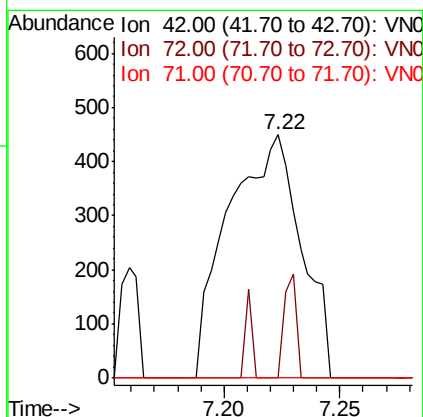
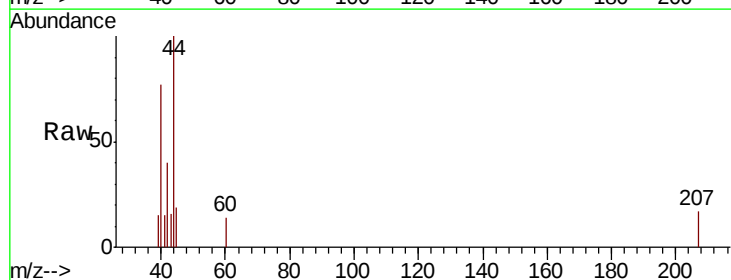
Instrument :
MSVOA_N
ClientSampled :

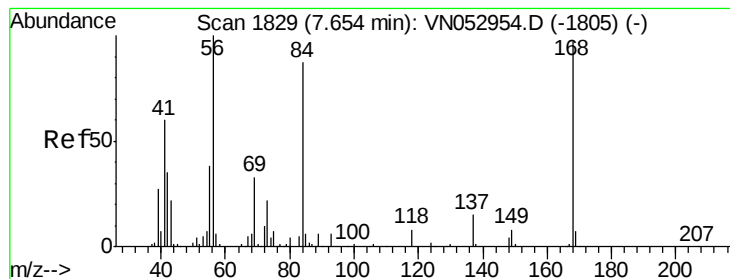
Tot Ion: 43 Resp: 8284
Ion Ratio Lower Upper
43 100
74 15.9 19.2 28.8#



#29
Tetrahydrofuran
Concen: 0.299 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.02 min
Lab File: VN053006.D
Acq: 19 Dec 2018 13:03

Tgt Ion: 42 Resp: 981
Ion Ratio Lower Upper
42 100
72 6.9 34.7 52.1#
71 0.0 32.3 48.5#





#31

Cyclohexane

Concen: 0.760 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

Instrument :
MSVOA_N
ClientSampled :

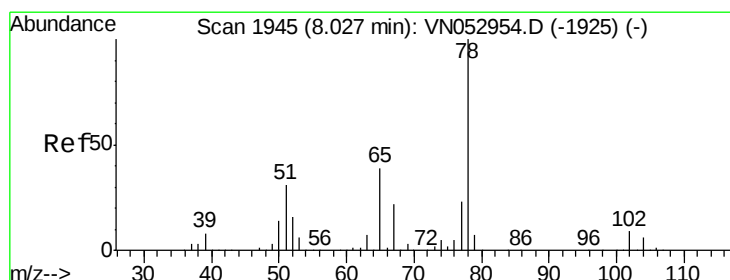
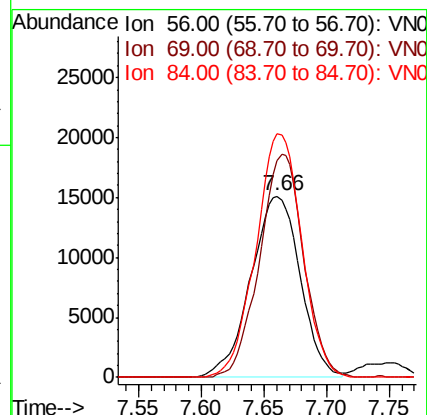
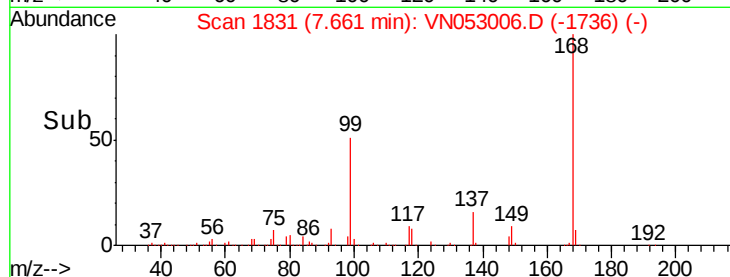
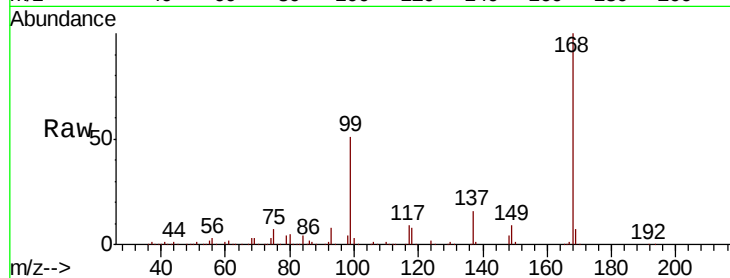
Tot Ion: 56 Resp: 41432

Ion Ratio Lower Upper

56 100

69 119.9 26.6 39.8#

84 134.4 68.4 102.6#



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053006.D

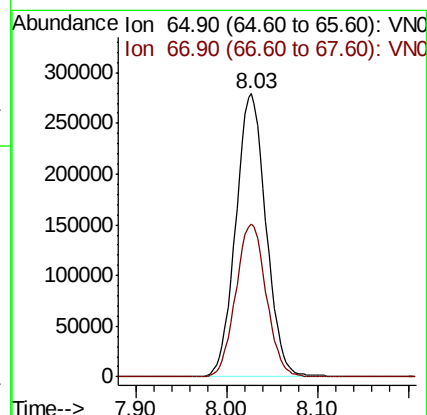
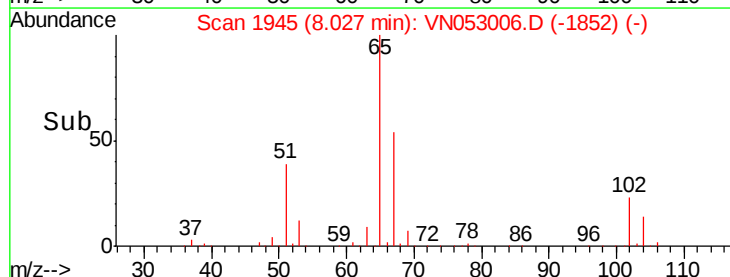
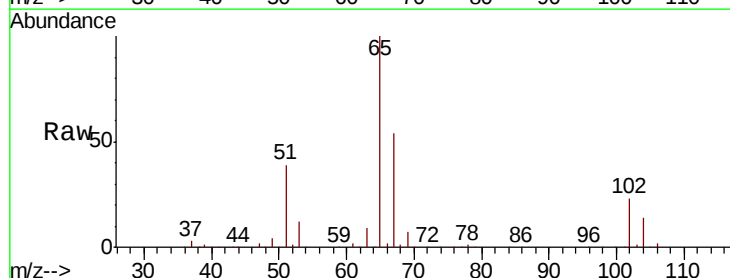
Acq: 19 Dec 2018 13:03

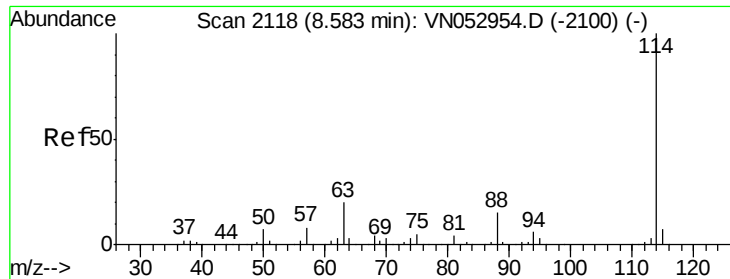
Tgt Ion: 65 Resp: 645244

Ion Ratio Lower Upper

65 100

67 54.5 0.0 110.4

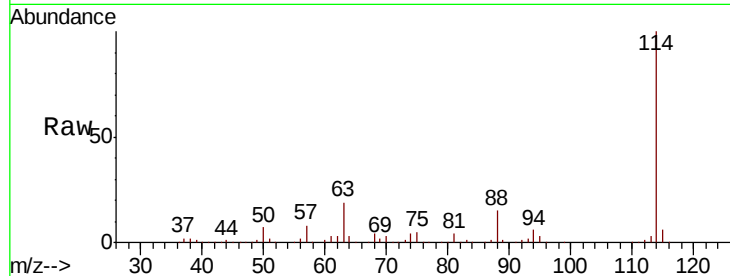




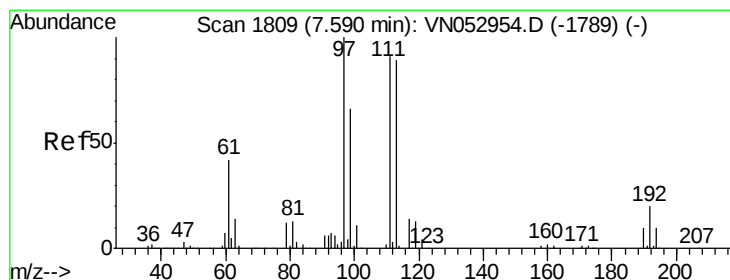
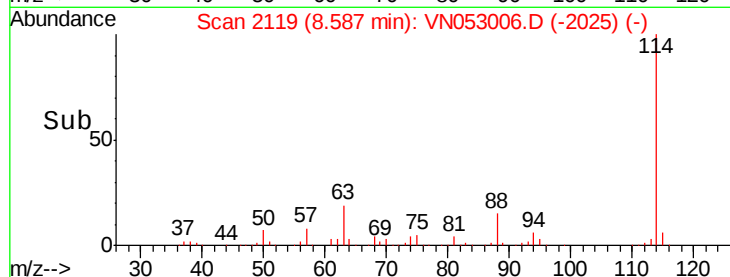
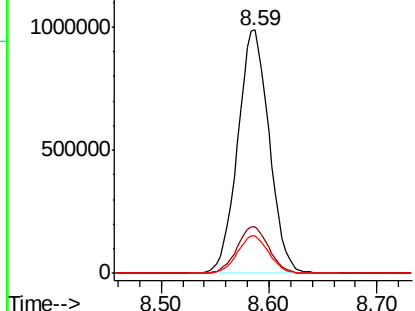
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053006.D
 Acq: 19 Dec 2018 13:03

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 2007064
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.8
 88 15.2 0.0 31.0

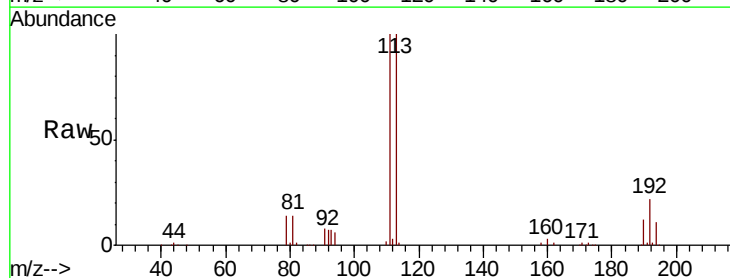


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

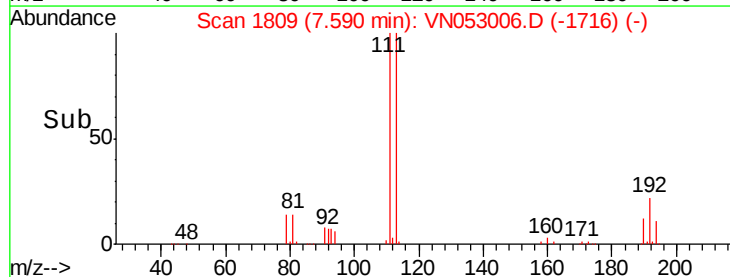
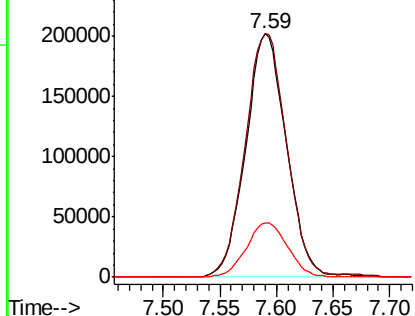


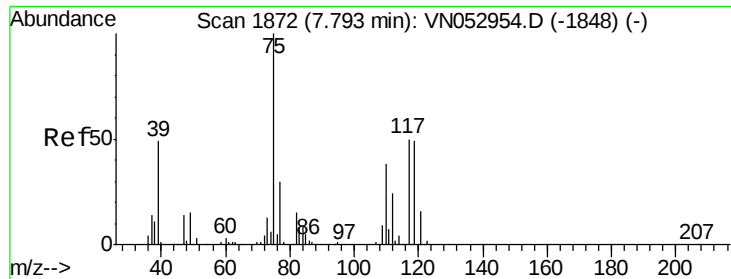
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053006.D
 Acq: 19 Dec 2018 13:03

Tgt Ion:113 Resp: 502577
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.0 124.4
 192 22.8 17.5 26.3



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

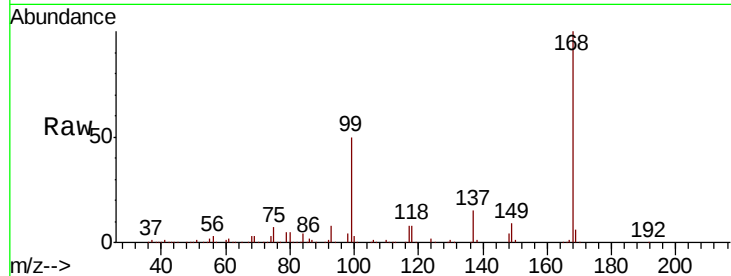




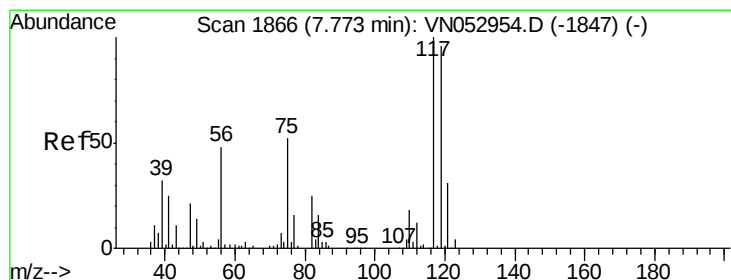
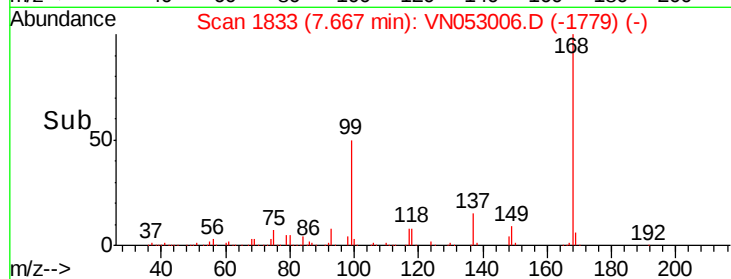
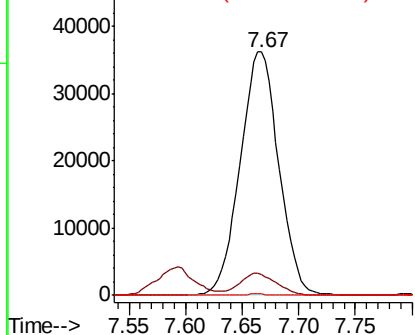
#36
 1,1-Dichloropropene
 Concen: 4.464 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053006.D
 Acq: 19 Dec 2018 13:03

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.2	54.6#
77	0.2	24.9	37.3#

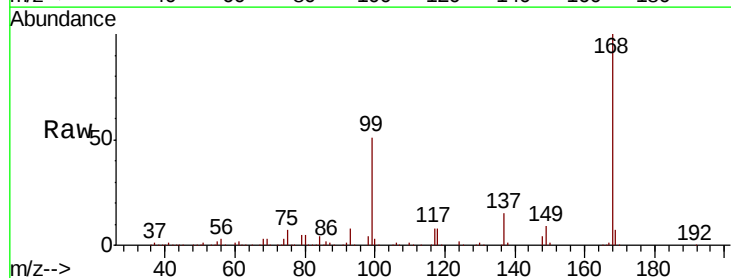


Abundance Ion 74.90 (74.60 to 75.60): VN052954.D (-1848) (-)
 Ion 109.90 (109.60 to 110.60): VN052954.D (-1848) (-)
 Ion 76.90 (76.60 to 77.60): VN052954.D (-1848) (-)

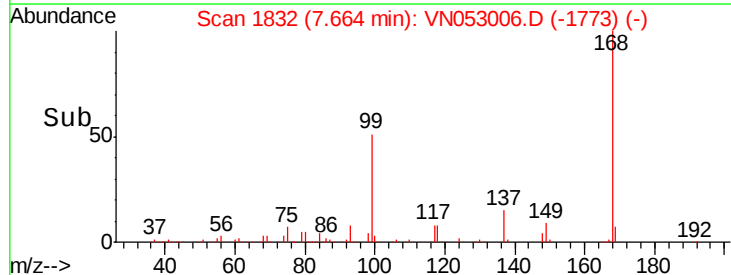
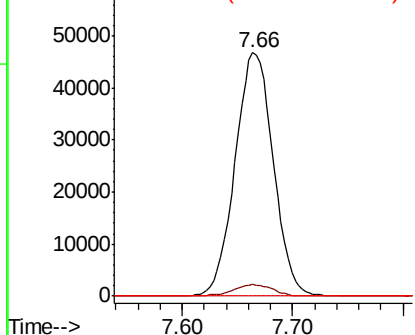


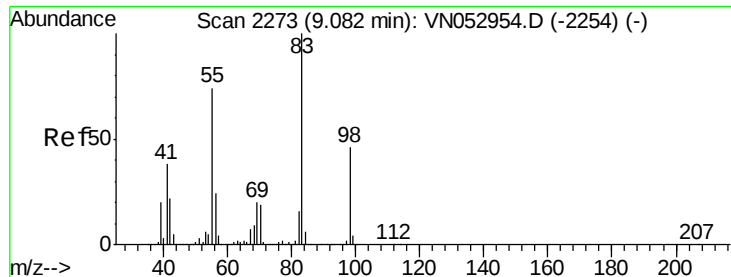
#38
 Carbon Tetrachloride
 Concen: 6.352 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN053006.D
 Acq: 19 Dec 2018 13:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.1	115.7#
121	0.0	24.9	37.3#



Abundance Ion 116.80 (116.50 to 117.50): VN052954.D (-1847) (-)
 Ion 118.80 (118.50 to 119.50): VN052954.D (-1847) (-)
 Ion 120.80 (120.50 to 121.50): VN052954.D (-1847) (-)

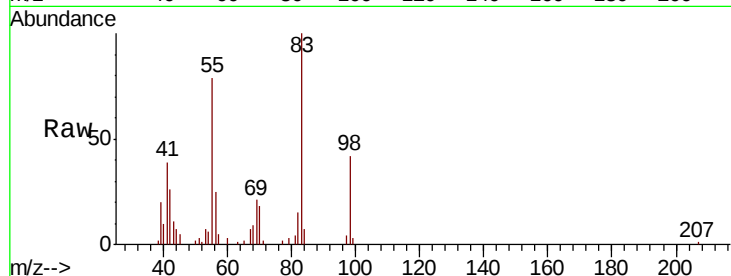




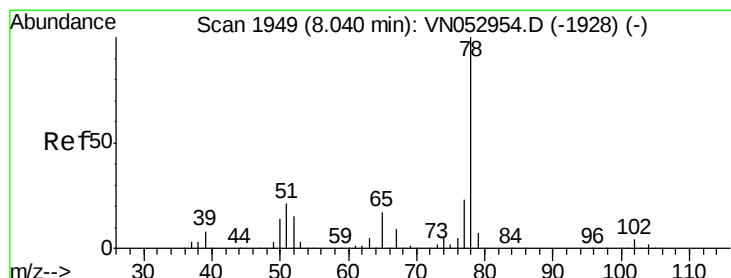
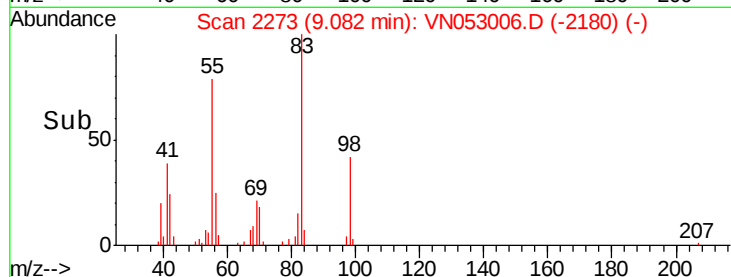
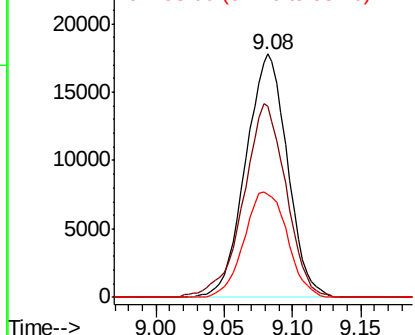
#39
Methvlcvclohexane
Concen: 1.614 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053006.D
Acq: 19 Dec 2018 13:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 37775
Ion Ratio Lower Upper
83 100
55 78.7 61.3 91.9
98 42.4 37.0 55.4

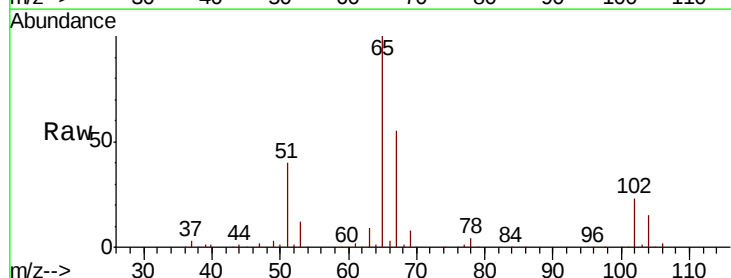


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

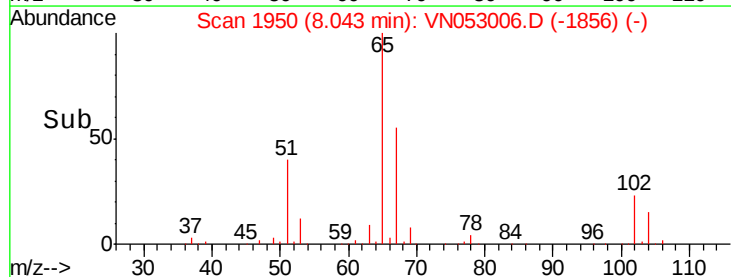
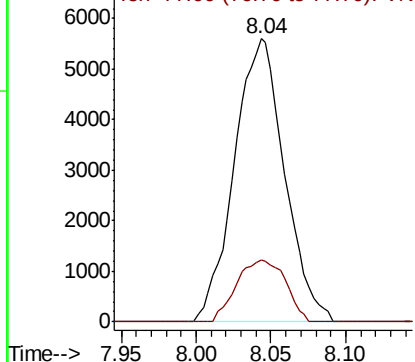


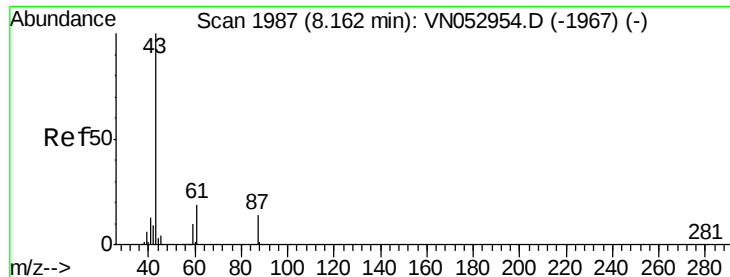
#40
Benzene
Concen: 0.228 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053006.D
Acq: 19 Dec 2018 13:03

Tgt Ion: 78 Resp: 13069
Ion Ratio Lower Upper
78 100
77 22.1 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0



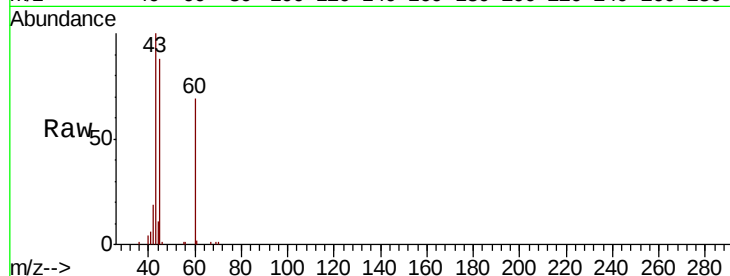


#43

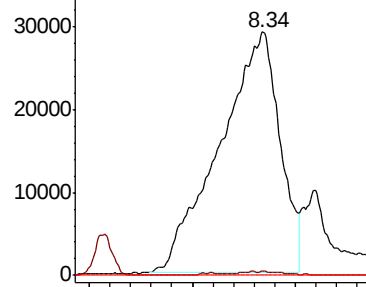
Isopropyl Acetate
 Concen: 10.481 ug/l
 RT: 8.34 min Scan# 2041
 Delta R.T. 0.17 min
 Lab File: VN053006.D
 Acq: 19 Dec 2018 13:03

Instrument :
 MSVOA_N
 ClientSampleId :

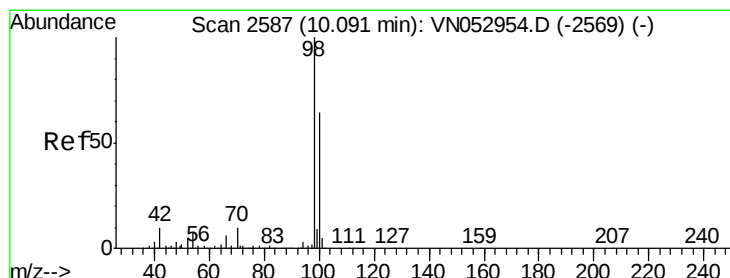
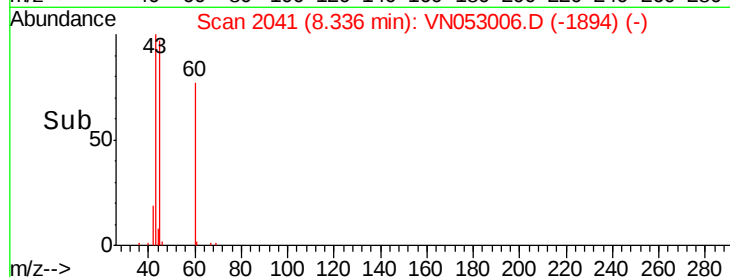
Tot Ion	43	Resp	235297
Ion Ratio	100		
Lower	22.9		
Upper	34.3#		
61	0.0		
87	0.0		
	10.6		
	15.8#		



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



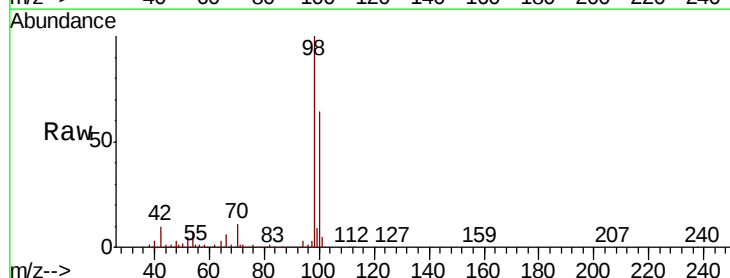
Time-->



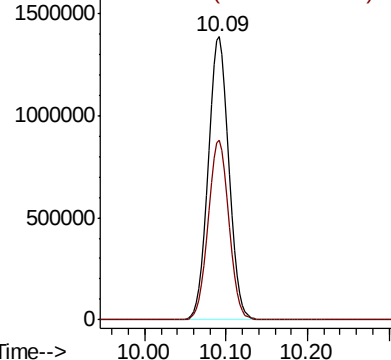
#50

Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053006.D
 Acq: 19 Dec 2018 13:03

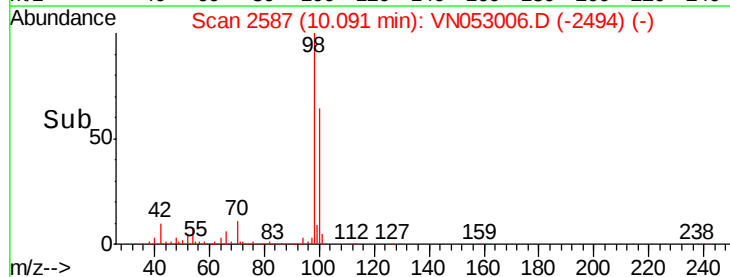
Tgt Ion	98	Resp	2494791
Ion Ratio	100		
Lower	51.6		
Upper	77.4		
100	63.9		

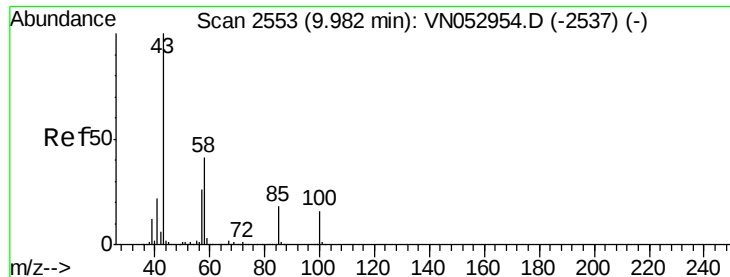


Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.951 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.11 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

Instrument :

MSVOA_N

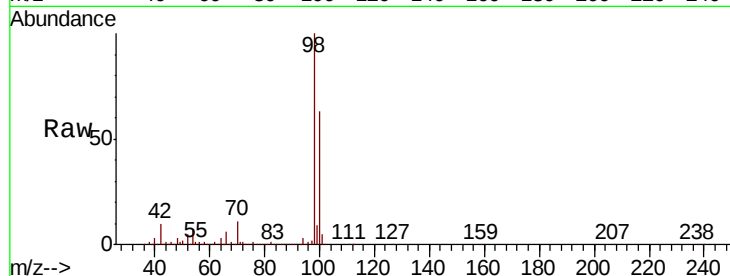
ClientSampled :

Tot Ion: 43 Resp: 9909

Ion Ratio Lower Upper

43 100

58 194.3 32.2 48.4#



Abundance Ion 43.00 (42.70 to 43.70): VN053006.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN053006.D (-2537) (-)

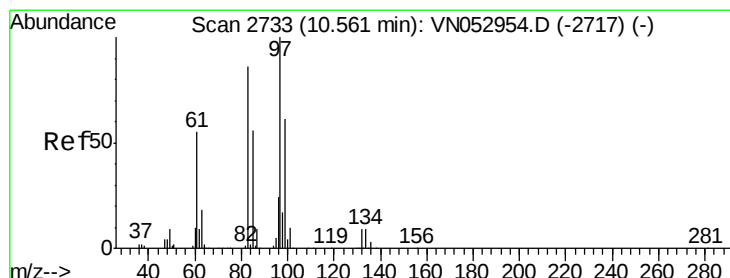
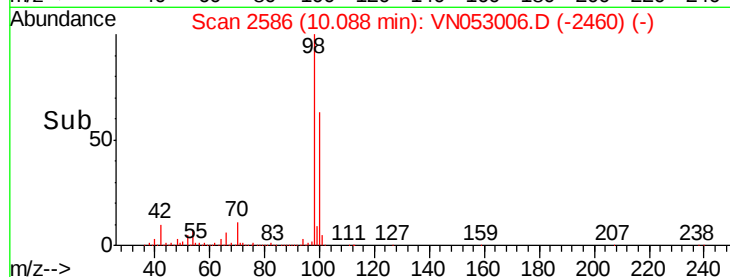
10.09

10000

5000

0

Time--> 10.00 10.05 10.10 10.15



#55

1,1,2-Trichloroethane

Concen: 0.281 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

Tgt Ion: 97 Resp: 3484

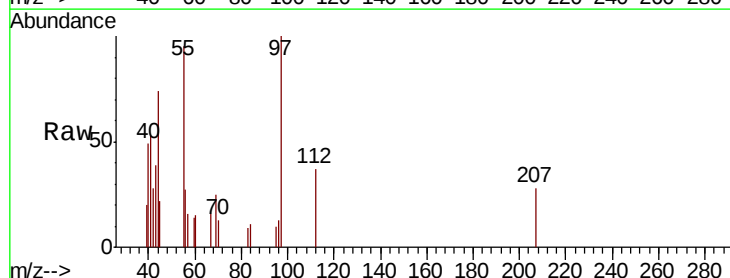
Ion Ratio Lower Upper

97 100

83 8.8 70.9 106.3#

85 0.0 45.4 68.2#

99 0.0 50.4 75.6#



Abundance Ion 96.90 (96.60 to 97.60): VN053006.D (-2640) (-)

Ion 82.90 (82.60 to 83.60): VN053006.D (-2640) (-)

Ion 84.90 (84.60 to 85.60): VN053006.D (-2640) (-)

Ion 98.90 (98.60 to 99.60): VN053006.D (-2640) (-)

2500

2000

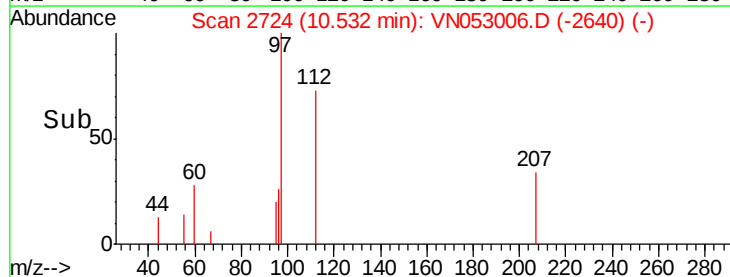
1500

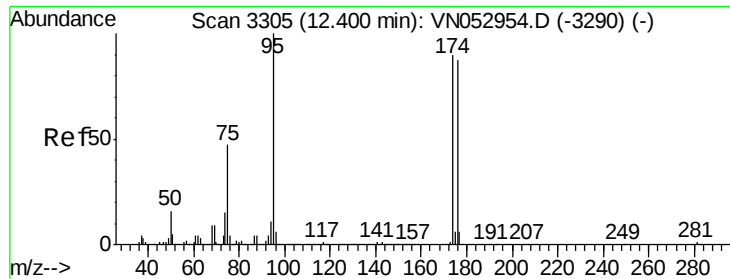
1000

500

0

Time--> 10.50 10.55





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

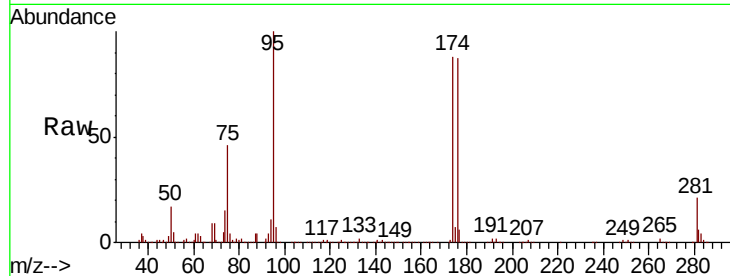
Tot Ion: 95 Resp: 890945

Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.8

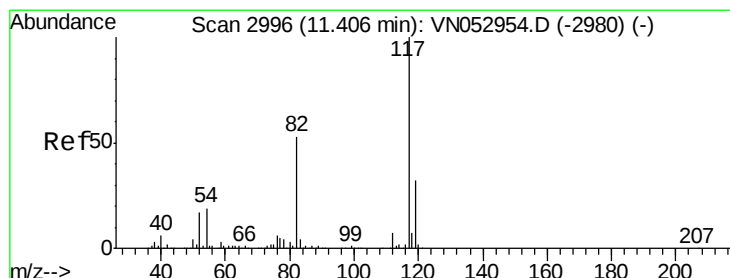
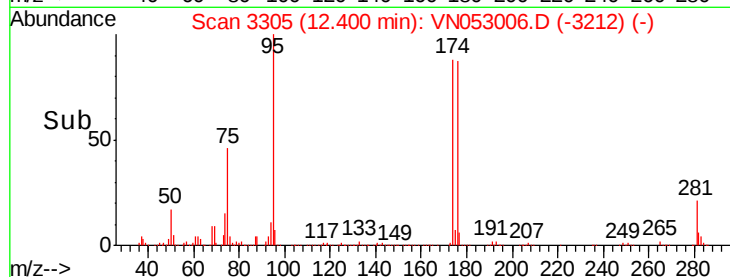
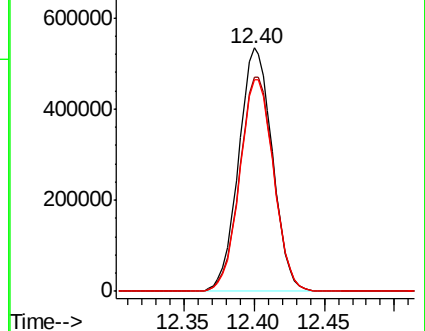
176 87.6 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

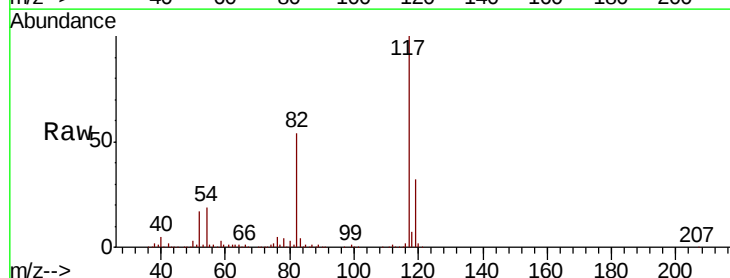
Tgt Ion: 117 Resp: 1876801

Ion Ratio Lower Upper

117 100

82 53.9 42.8 64.2

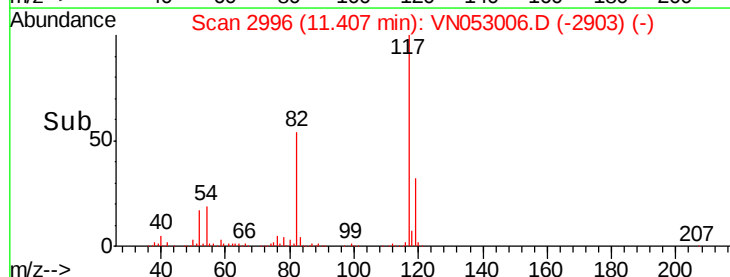
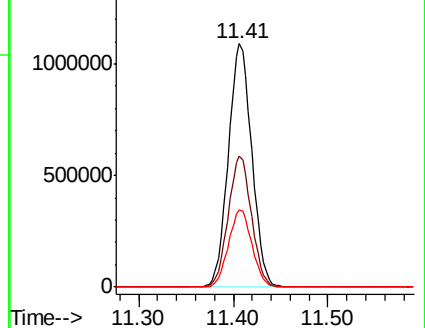
119 31.9 25.5 38.3

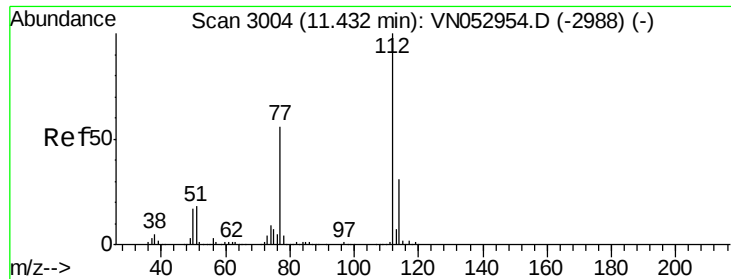


Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)

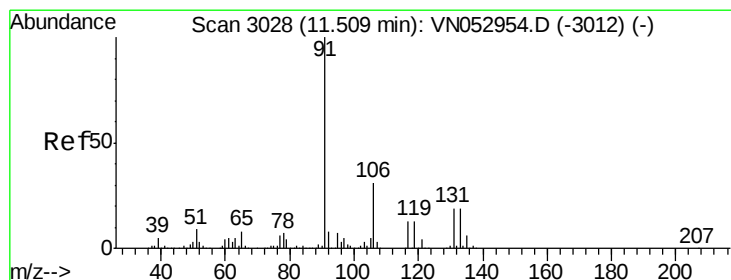
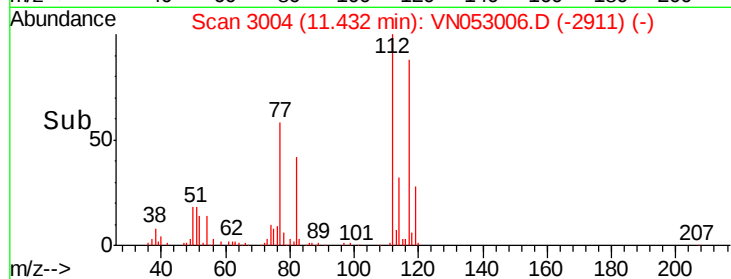
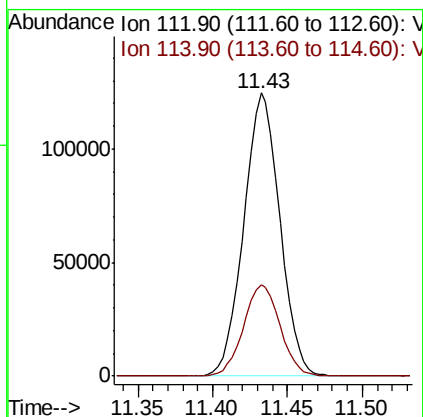
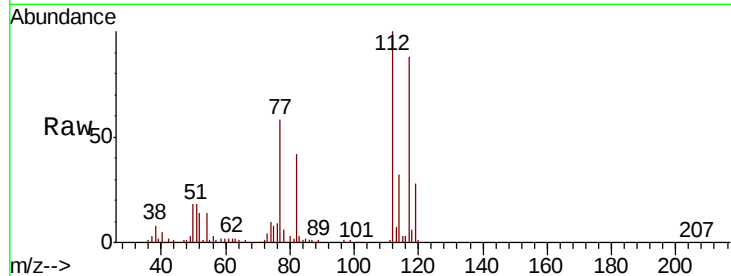




#65
Chlorobenzene
Concen: 5.026 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053006.D
Acq: 19 Dec 2018 13:03

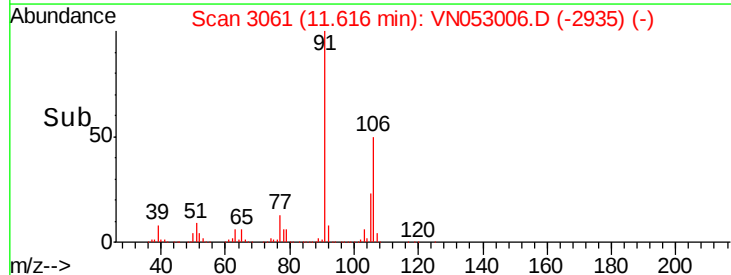
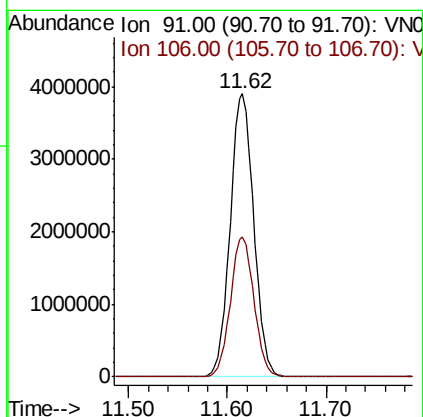
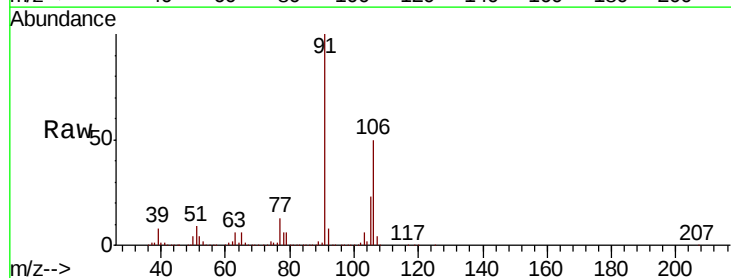
Instrument :
MSVOA_N
ClientSampled :

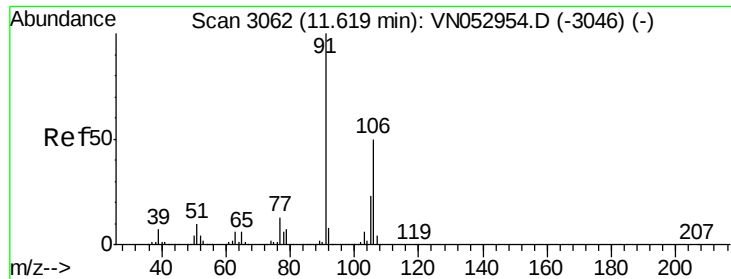
Tot Ion:112 Resp: 209106
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#67
Ethyl Benzene
Concen: 90.895 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.11 min
Lab File: VN053006.D
Acq: 19 Dec 2018 13:03

Tgt Ion: 91 Resp: 6503228
Ion Ratio Lower Upper
91 100
106 49.6 24.9 37.3#

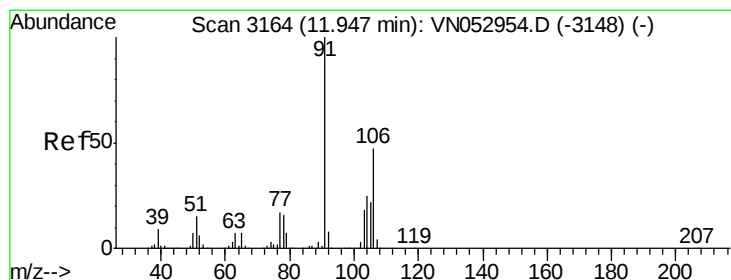
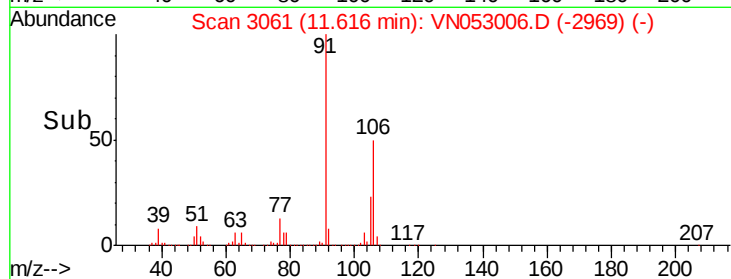
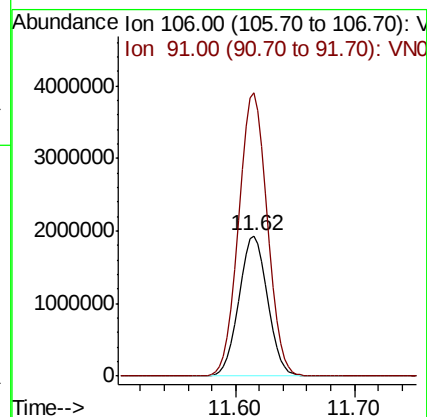
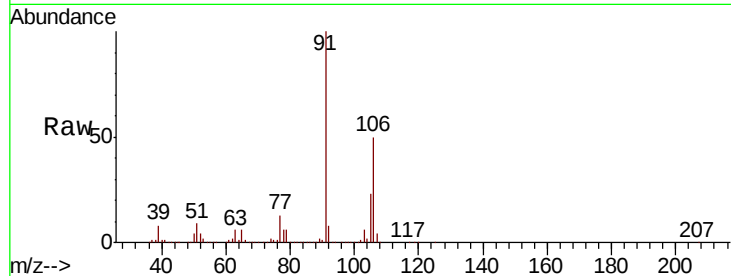




#68
m/p-Xvlenes
Concen: 118.122 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN053006.D
Acq: 19 Dec 2018 13:03

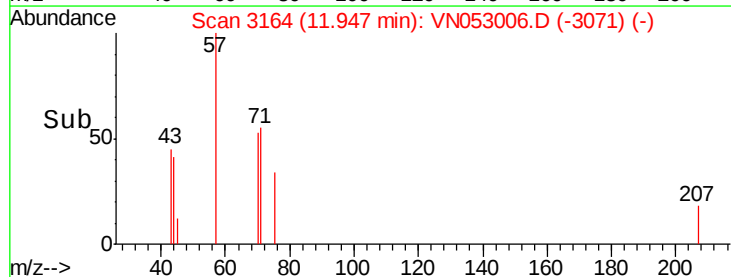
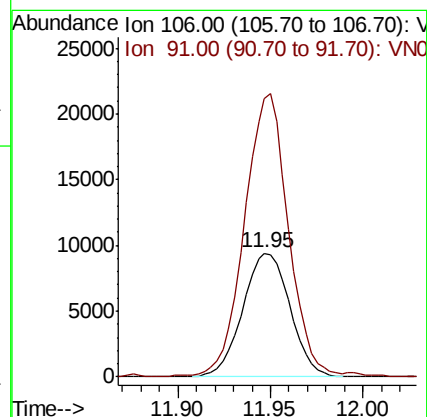
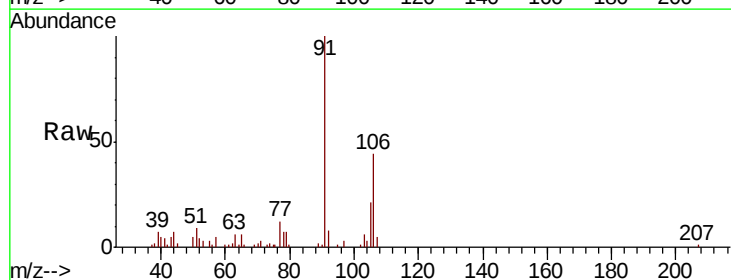
Instrument :
MSVOA_N
ClientSampled :

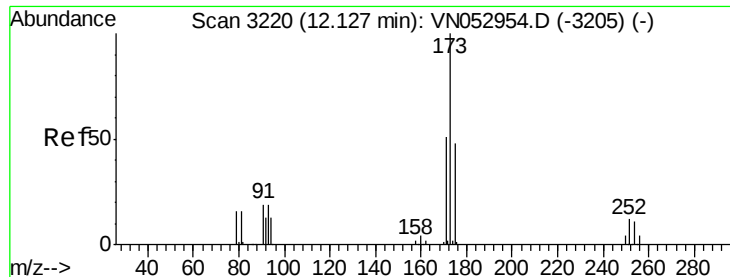
Tot Ion:106 Resp: 3212800
Ion Ratio Lower Upper
106 100
91 202.4 162.2 243.4



#69
o-Xylene
Concen: 0.638 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053006.D
Acq: 19 Dec 2018 13:03

Tgt Ion:106 Resp: 16644
Ion Ratio Lower Upper
106 100
91 213.2 106.6 319.8





#71

Bromoform

Concen: 0.503 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

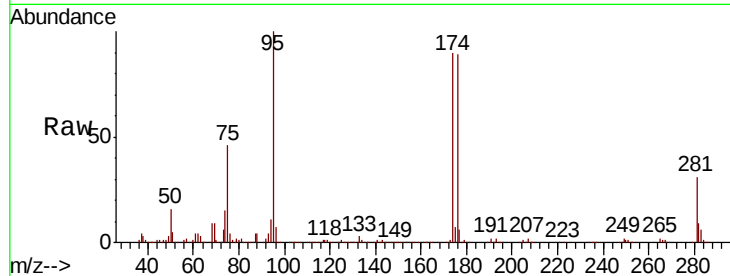
Tot Ion:173 Resp: 5258

Ion Ratio Lower Upper

173 100

175 979.7 24.3 72.9#

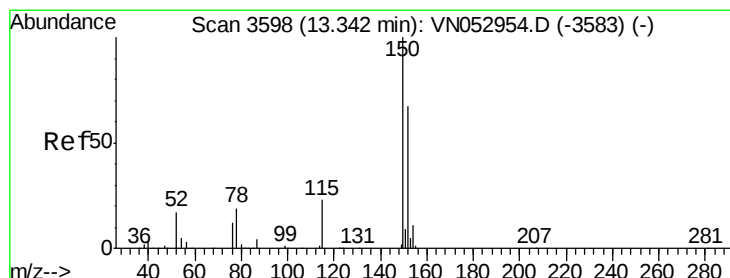
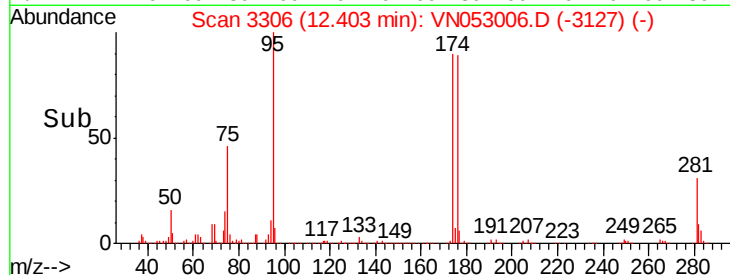
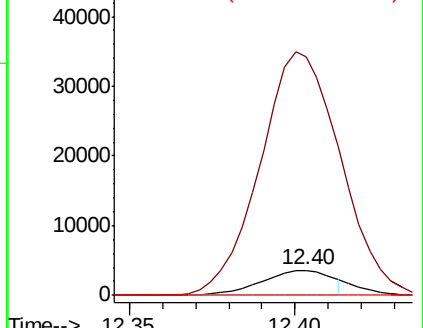
254 0.0 0.1 0.1#



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: VN053006.D

Acq: 19 Dec 2018 13:03

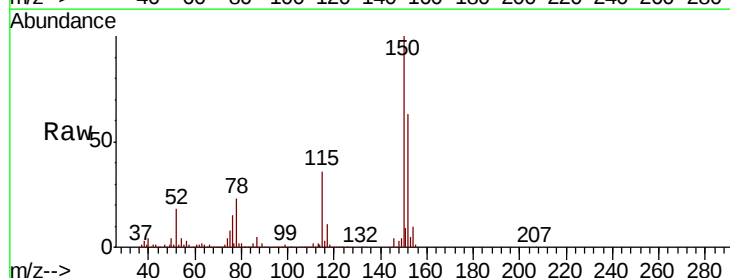
Tgt Ion:152 Resp: 854734

Ion Ratio Lower Upper

152 100

115 56.5 28.3 85.0

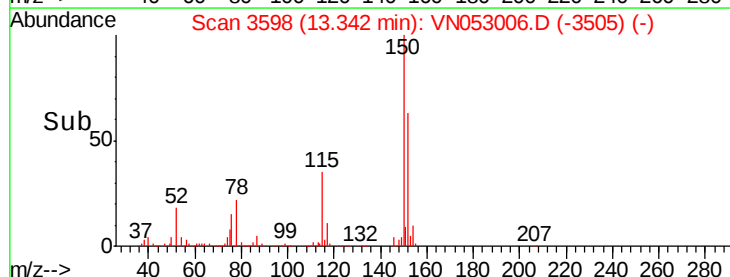
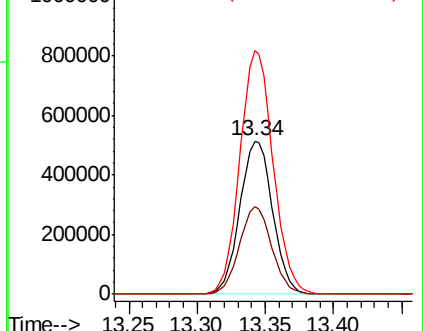
150 161.3 0.0 347.8

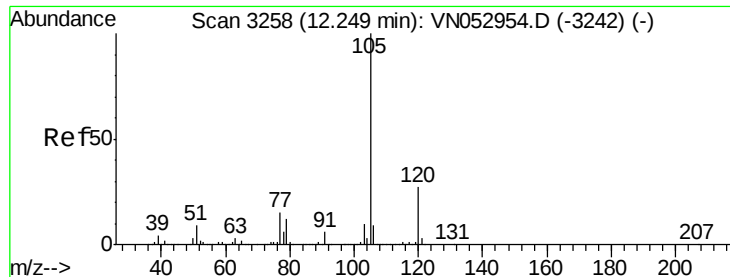


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.464 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

Instrument :

MSVOA_N

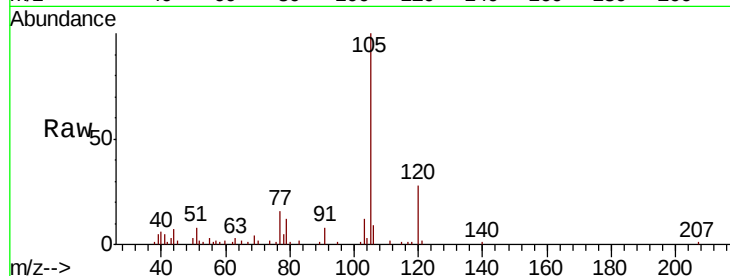
ClientSampled :

Tot Ion:105 Resp: 31027

Ion Ratio Lower Upper

105 100

120 27.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

20000

15000

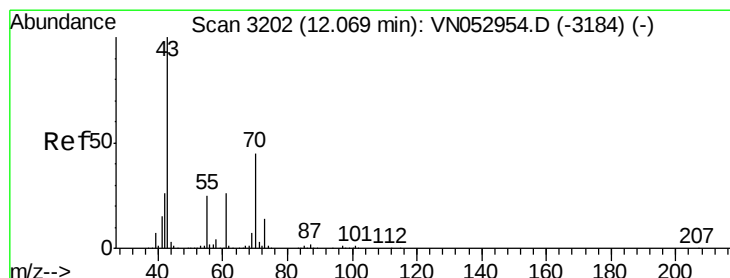
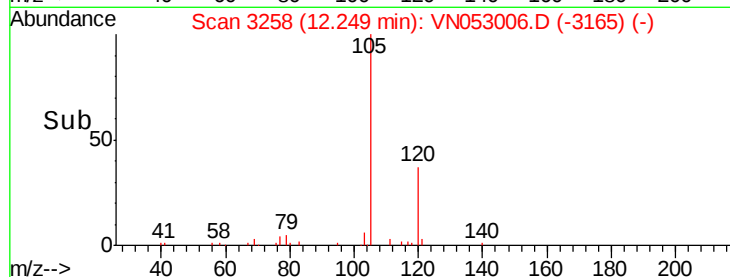
10000

5000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 0.255 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

Tgt Ion: 43 Resp: 4742

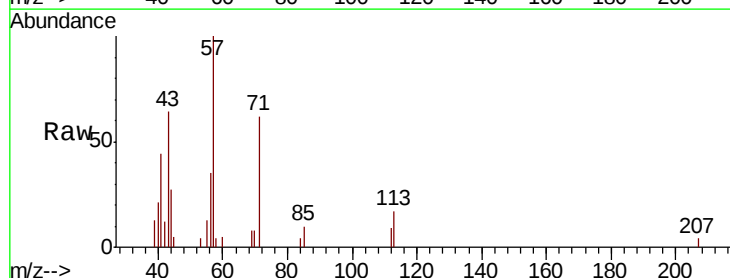
Ion Ratio Lower Upper

43 100

70 14.7 34.2 51.4#

55 8.9 20.3 30.5#

61 0.0 20.0 30.0#



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

12.04

5000

4000

3000

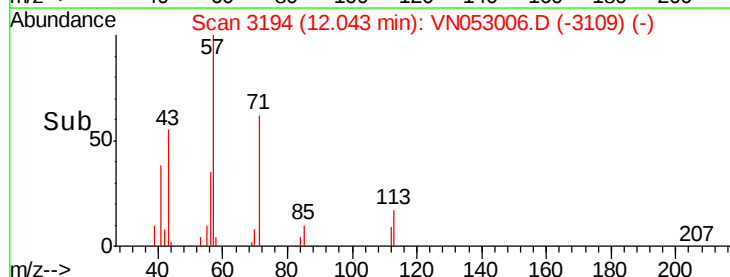
2000

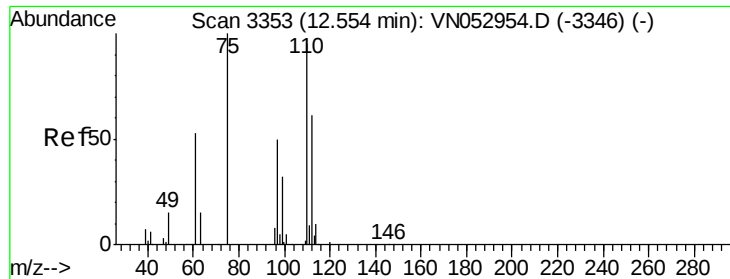
1000

0

Time-->

12.00 12.05

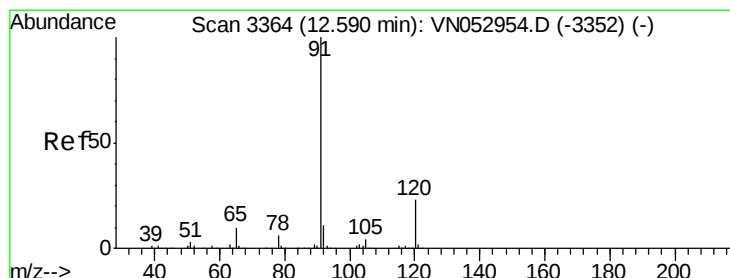
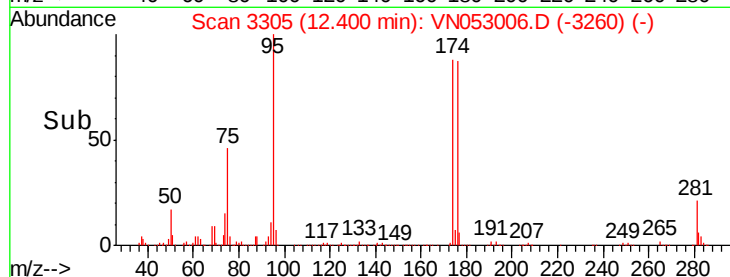
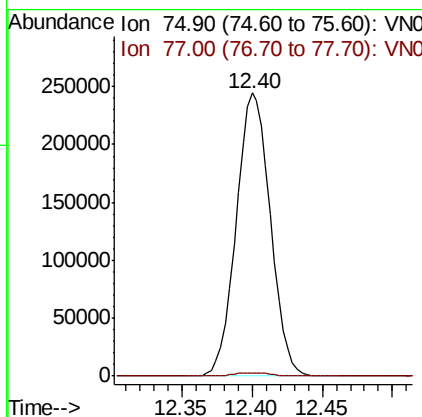
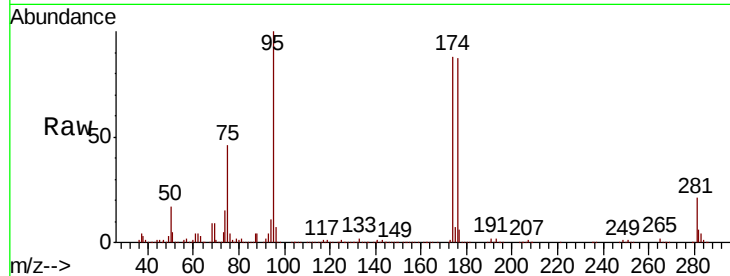




#76
 1,2,3-Trichloropropane
 Concen: 28.732 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN053006.D
 Acq: 19 Dec 2018 13:03

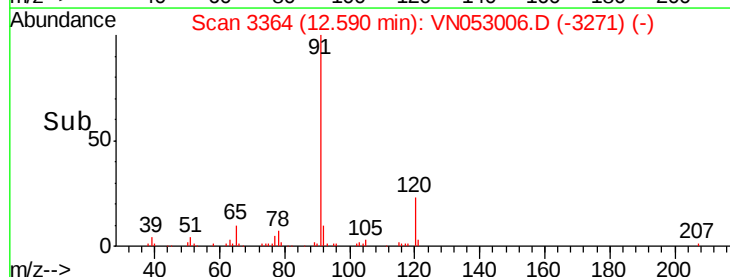
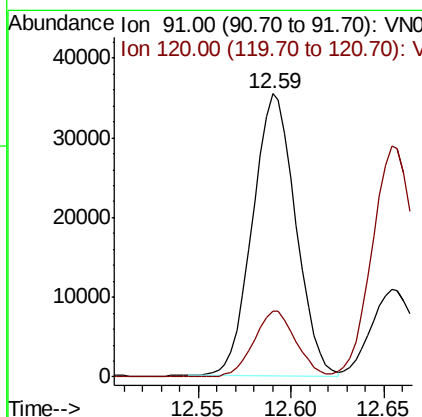
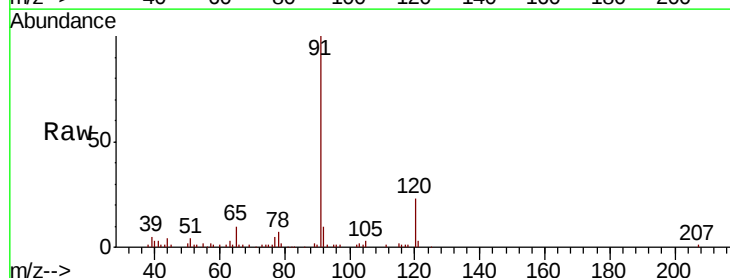
Instrument :
 MSVOA_N
 ClientSampled :

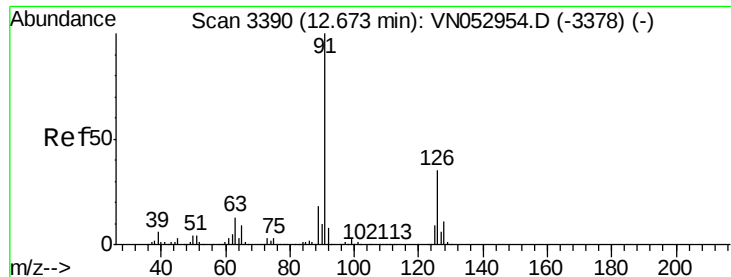
Tot Ion: 75 Resp: 413412
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#78
 n-propylbenzene
 Concen: 0.750 ug/l
 RT: 12.59 min Scan# 3364
 Delta R.T. 0.00 min
 Lab File: VN053006.D
 Acq: 19 Dec 2018 13:03

Tgt Ion: 91 Resp: 57144
 Ion Ratio Lower Upper
 91 100
 120 22.7 11.5 34.5





#79

2-Chlorotoluene

Concen: 0.409 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

Instrument :

MSVOA_N

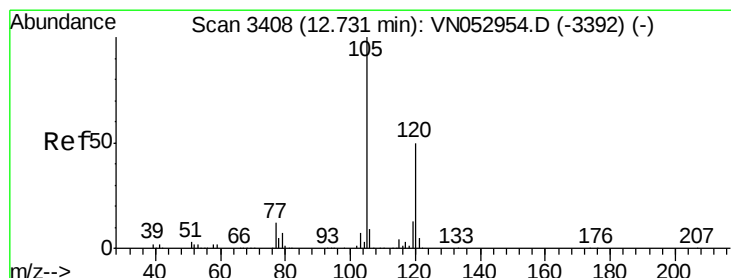
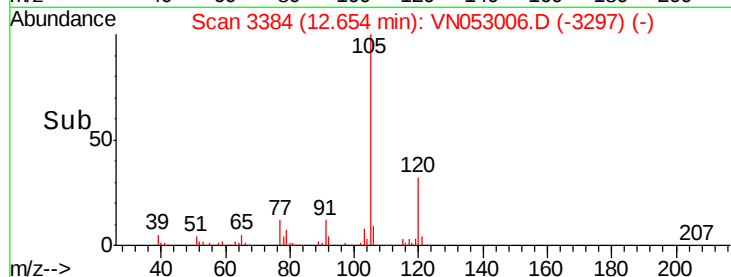
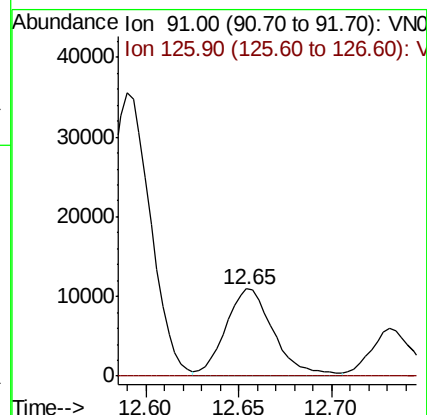
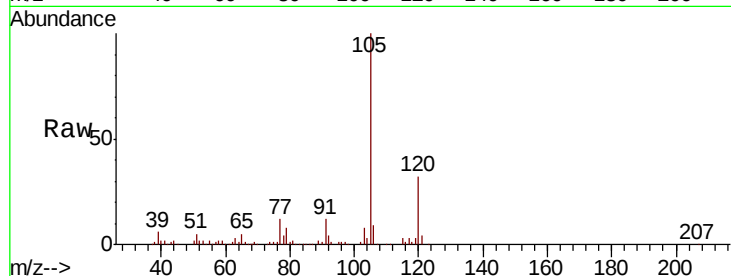
ClientSampled :

Tot Ion: 91 Resp: 19296

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#



#80

1,3,5-Trimethylbenzene

Concen: 1.515 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053006.D

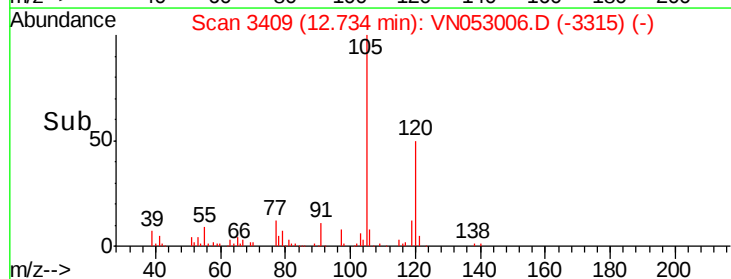
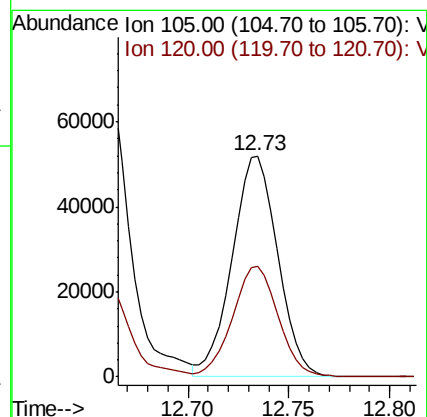
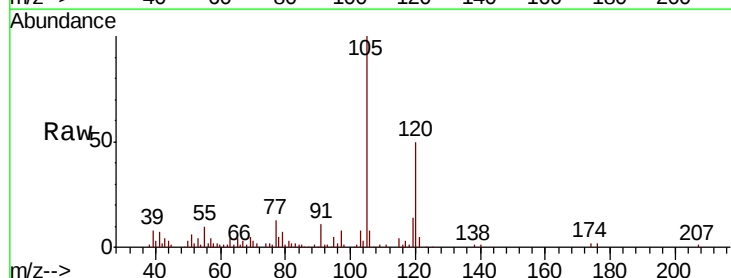
Acq: 19 Dec 2018 13:03

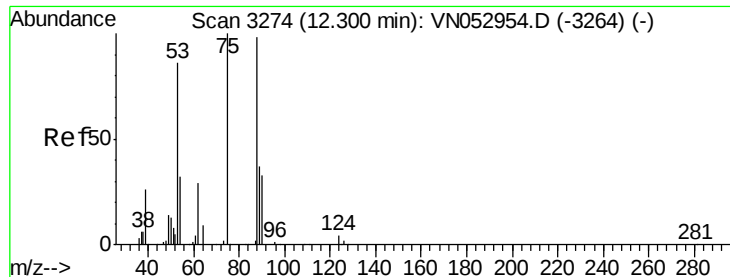
Tgt Ion: 105 Resp: 82560

Ion Ratio Lower Upper

105 100

120 50.2 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 92.607 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

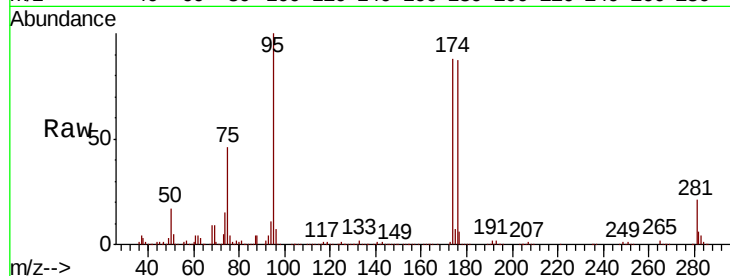
Tot Ion: 75 Resp: 413412

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

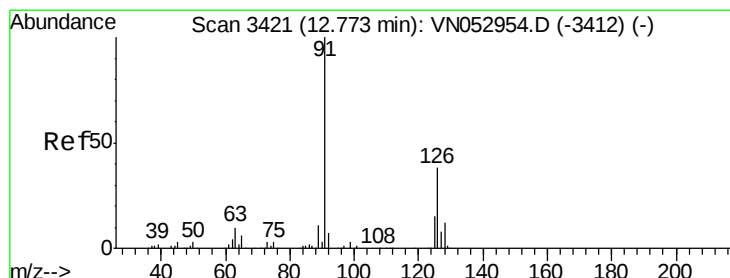
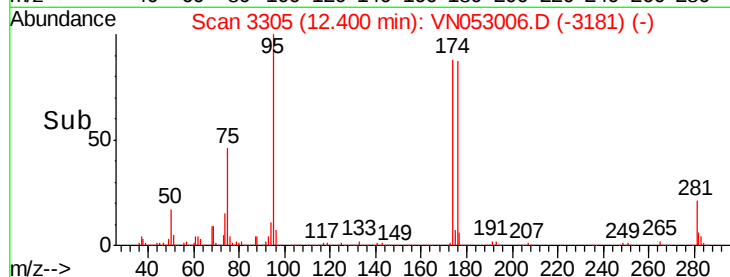
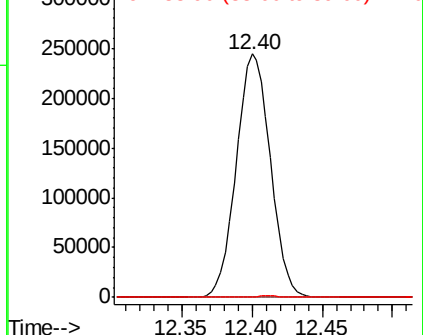
89 0.4 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.235 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN053006.D

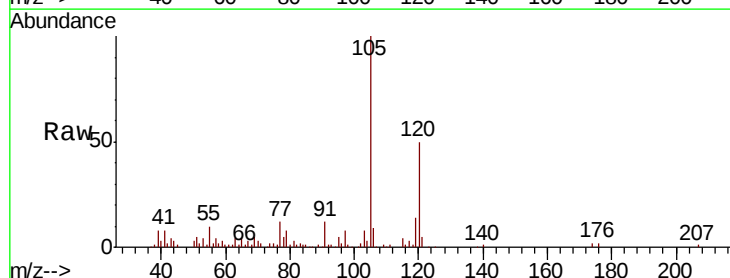
Acq: 19 Dec 2018 13:03

Tgt Ion: 91 Resp: 10857

Ion Ratio Lower Upper

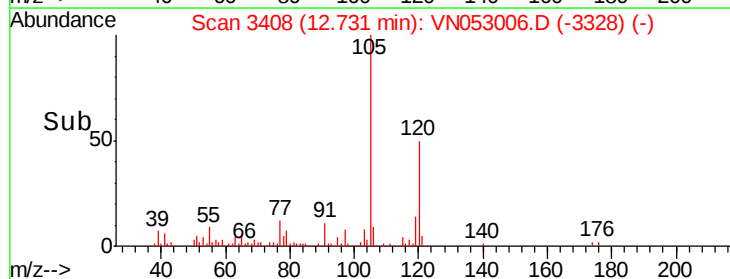
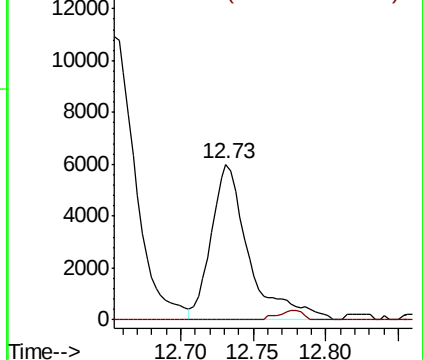
91 100

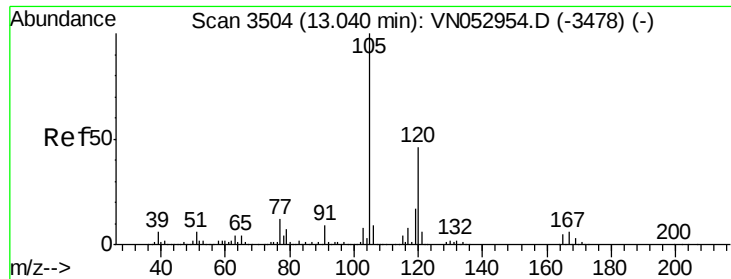
126 0.0 17.3 51.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 5.074 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

Instrument :

MSVOA_N

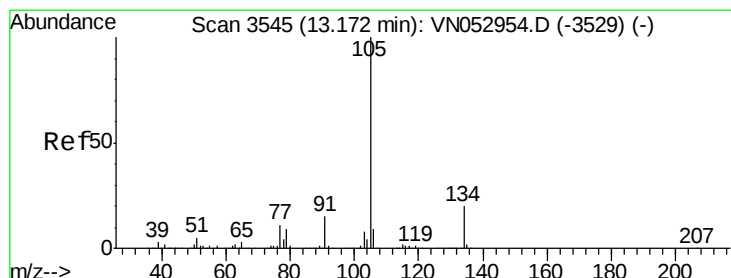
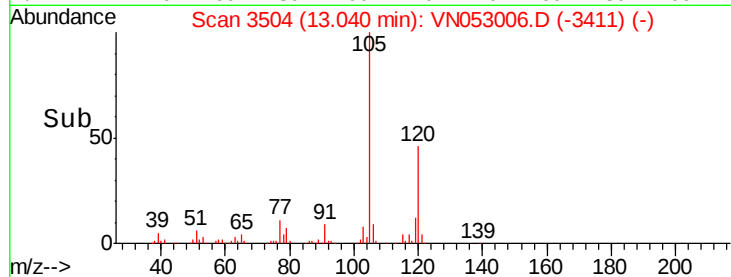
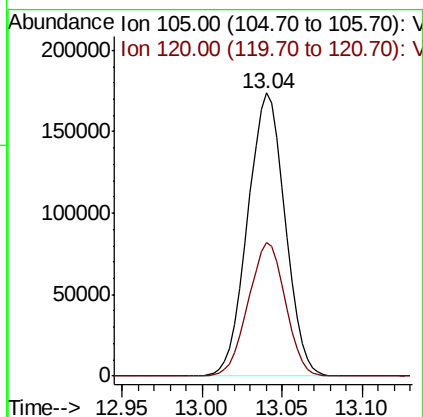
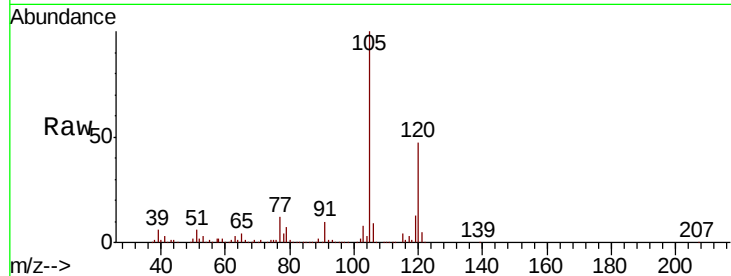
ClientSampled :

Tot Ion:105 Resp: 278029

Ion Ratio Lower Upper

105 100

120 46.7 22.9 68.8



#85

sec-Butylbenzene

Concen: 4.264 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN053006.D

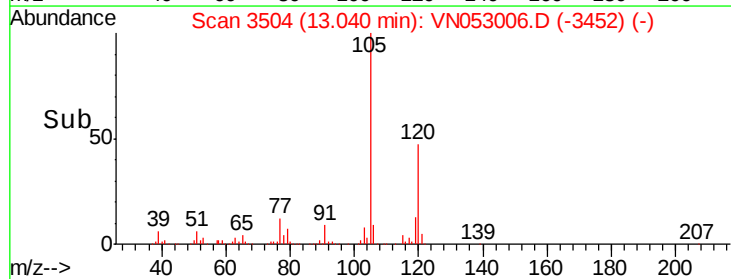
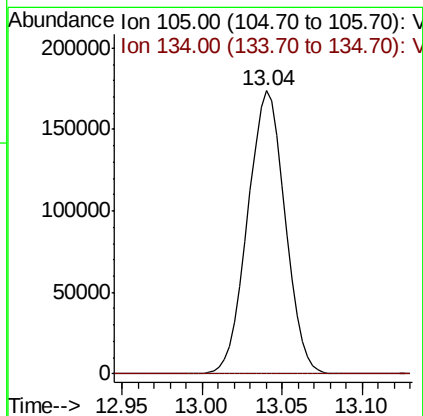
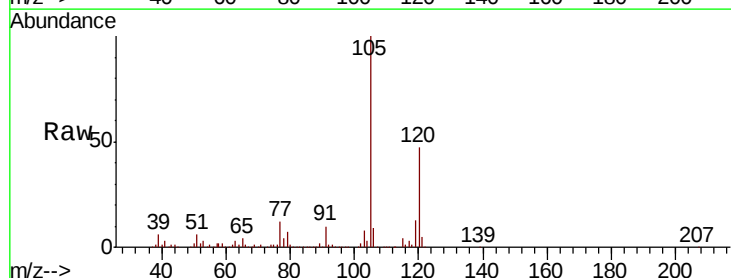
Acq: 19 Dec 2018 13:03

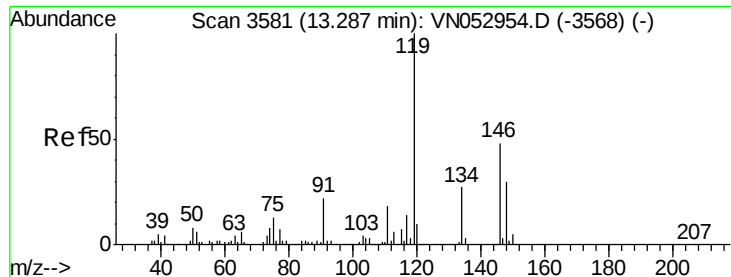
Tgt Ion:105 Resp: 278029

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.3#

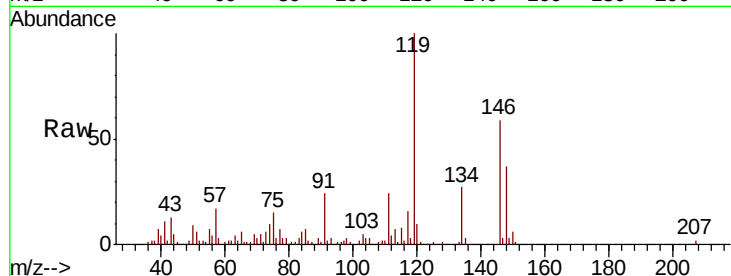




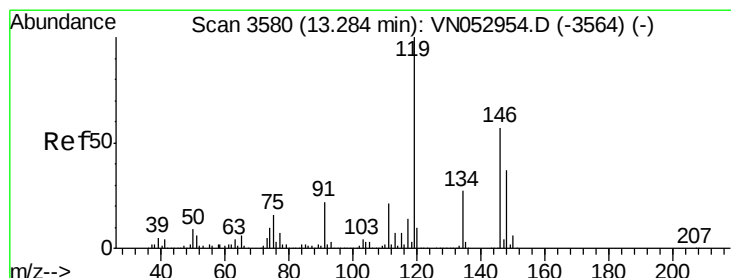
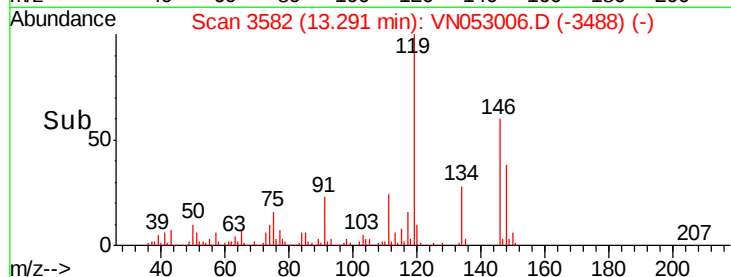
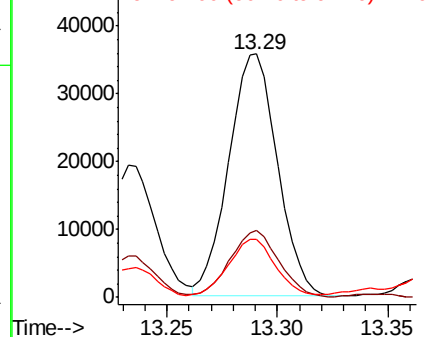
#86
p-Isopropyltoluene
Concen: 0.971 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN053006.D
Acq: 19 Dec 2018 13:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 54710
Ion Ratio Lower Upper
119 100
134 27.9 13.4 40.2
91 22.0 11.1 33.3

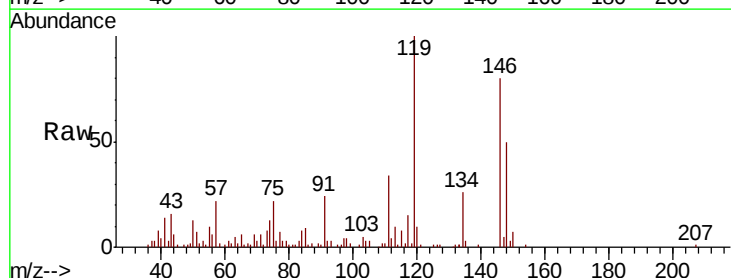


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

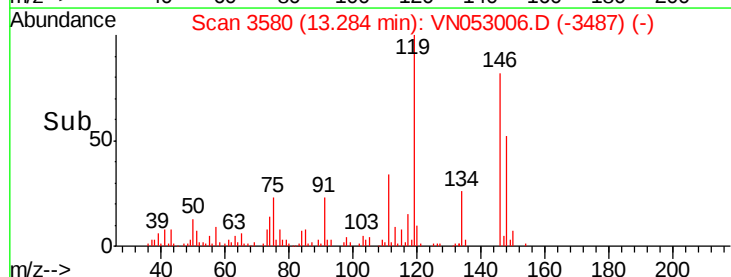
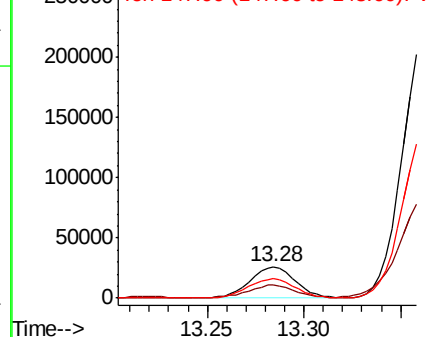


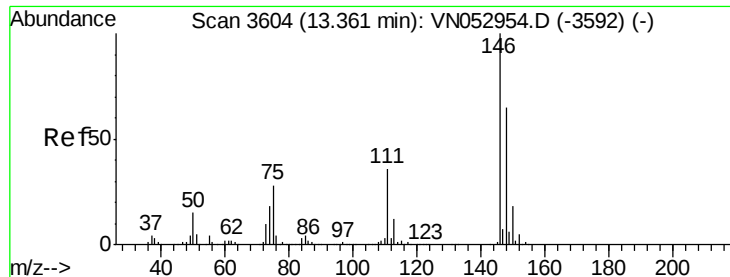
#87
1,3-Dichlorobenzene
Concen: 1.383 ug/l
RT: 13.28 min Scan# 3580
Delta R.T. 0.00 min
Lab File: VN053006.D
Acq: 19 Dec 2018 13:03

Tgt Ion:146 Resp: 42565
Ion Ratio Lower Upper
146 100
111 39.2 19.1 57.1
148 64.2 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

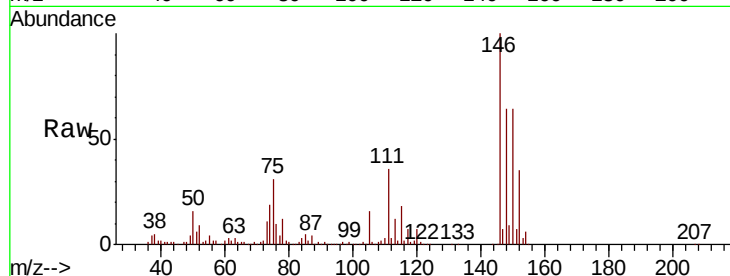




#88
 1,4-Dichlorobenzene
 Concen: 12.257 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053006.D
 Acq: 19 Dec 2018 13:03

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.6	55.8
148	64.6	32.1	96.5

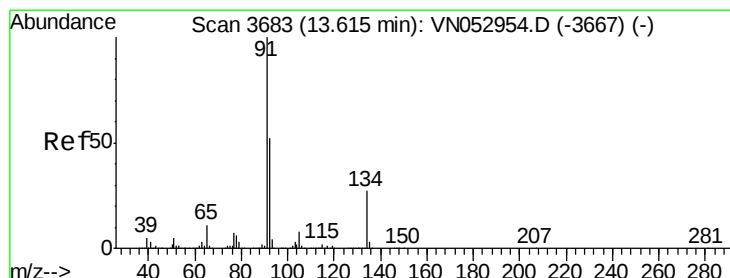
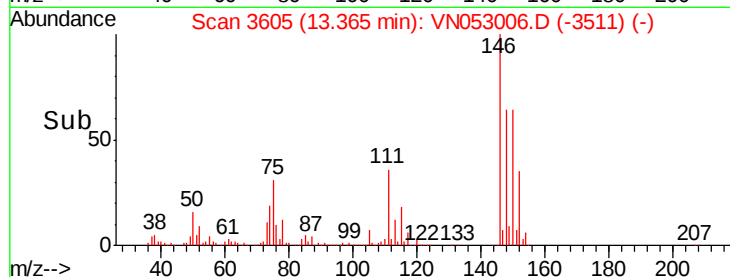
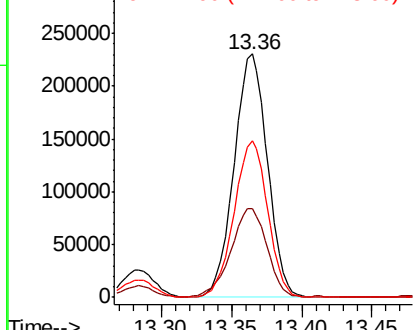


Abundance

Ion 145.90 (145.60 to 146.60): V

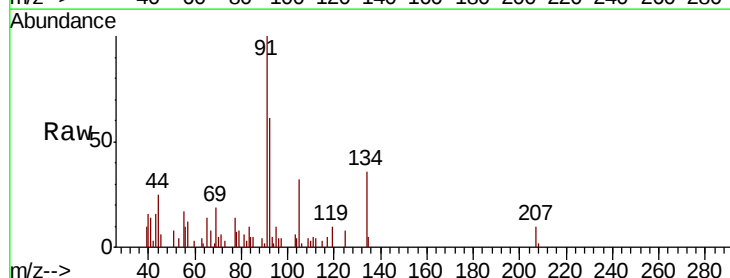
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89
 n-Butylbenzene
 Concen: 0.224 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN053006.D
 Acq: 19 Dec 2018 13:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	65.1	26.3	78.9
134	0.0	13.3	39.8#

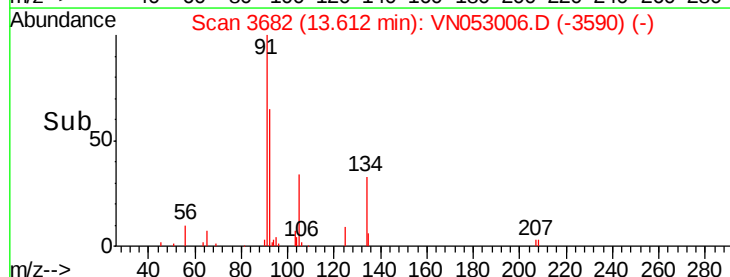
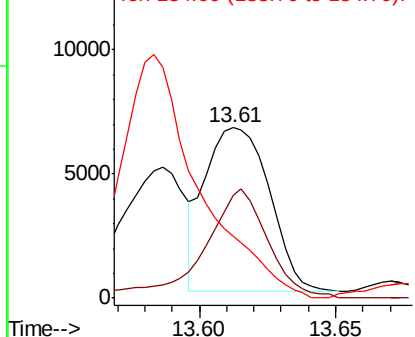


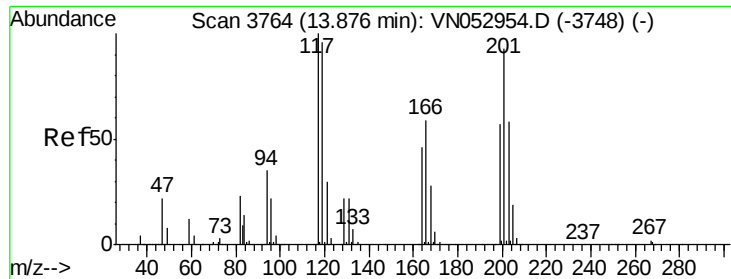
Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.510 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

Instrument :

MSVOA_N

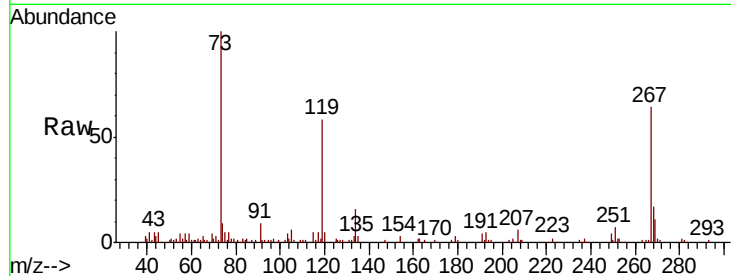
ClientSampleId :

Tot Ion:117 Resp: 4414

Ion Ratio Lower Upper

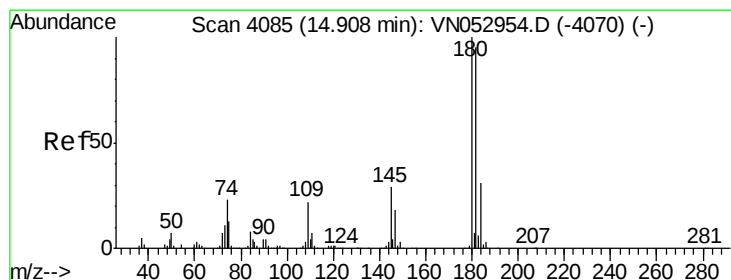
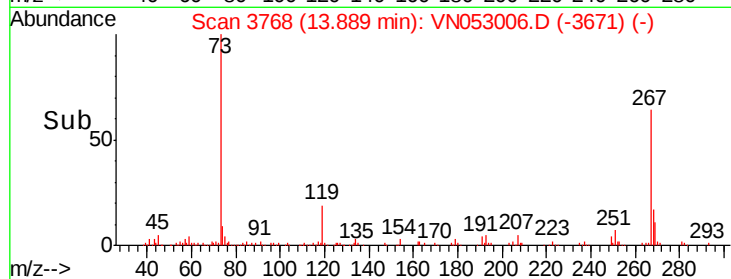
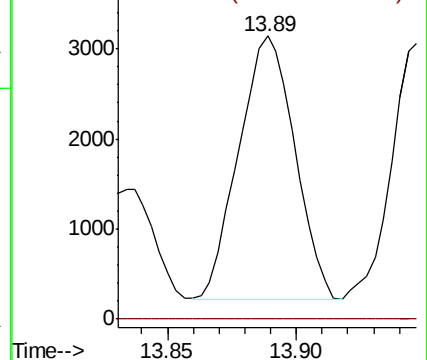
117 100

201 0.0 45.7 137.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 0.662 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

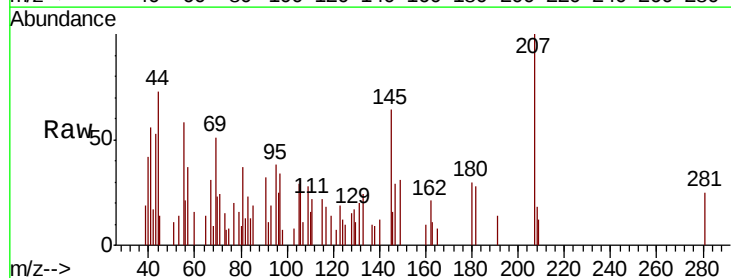
Tgt Ion:180 Resp: 1024

Ion Ratio Lower Upper

180 100

182 105.0 47.8 143.3

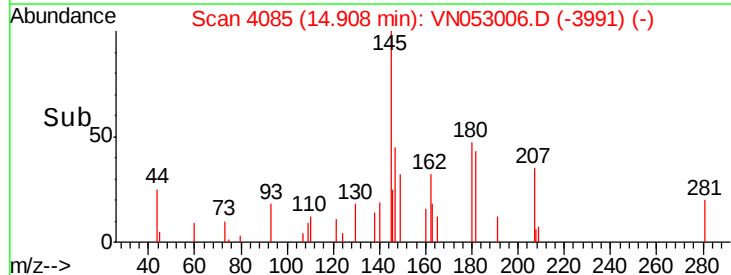
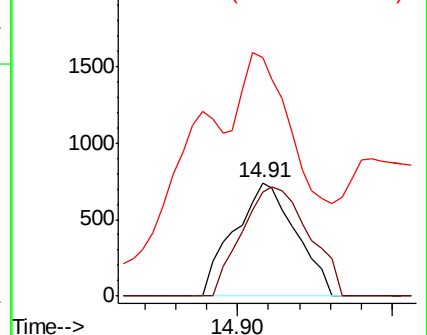
145 227.7 14.2 42.6#

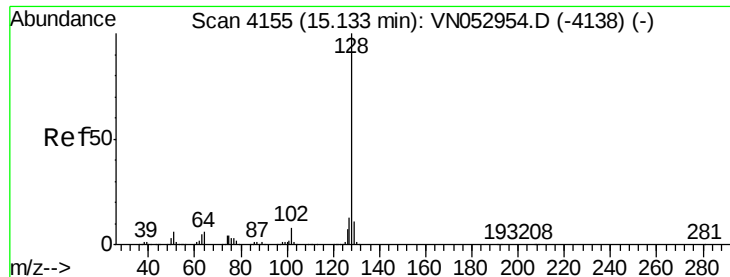


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 4.595 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

Instrument :

MSVOA_N

ClientSampleId :

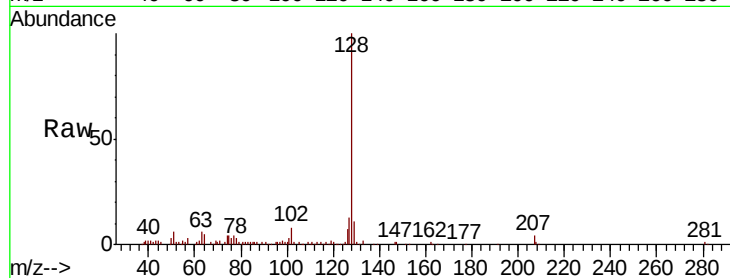
Tot Ion:128 Resp: 118593

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

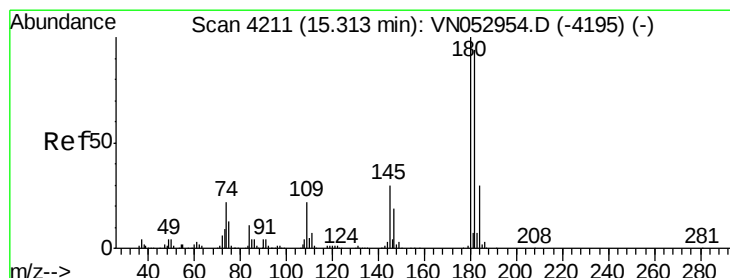
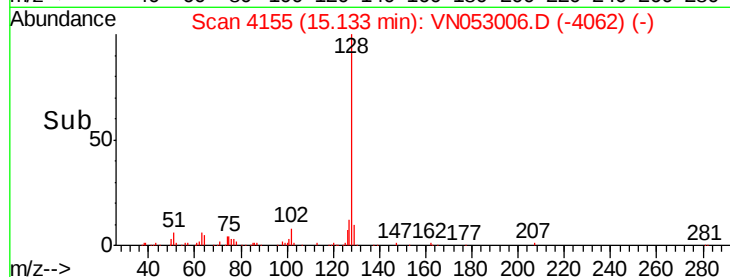
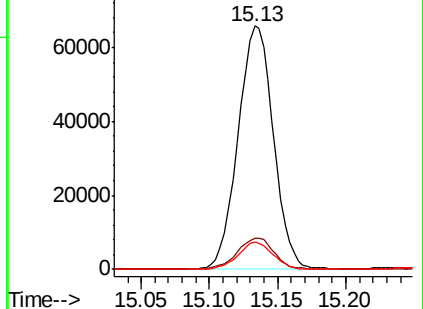
129 10.9 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 0.518 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. -0.01 min

Lab File: VN053006.D

Acq: 19 Dec 2018 13:03

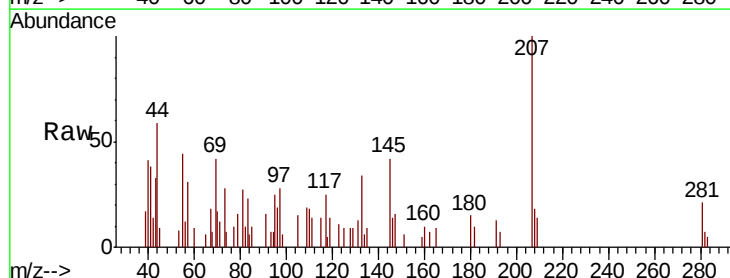
Tgt Ion:180 Resp: 140

Ion Ratio Lower Upper

180 100

182 337.1 47.9 143.7#

145 0.0 15.0 45.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

