

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053052.D
 Acq On : 20 Dec 2018 13:14
 Operator : MD\SY
 Sample : J6411-11DL 100X
 Misc : 6.89g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 00:16:20 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	1397912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2149352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1953294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	810668	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	673697	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
35) Dibromofluoromethane	7.59	113	553847	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
50) Toluene-d8	10.09	98	2618738	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.40	95	904763	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds

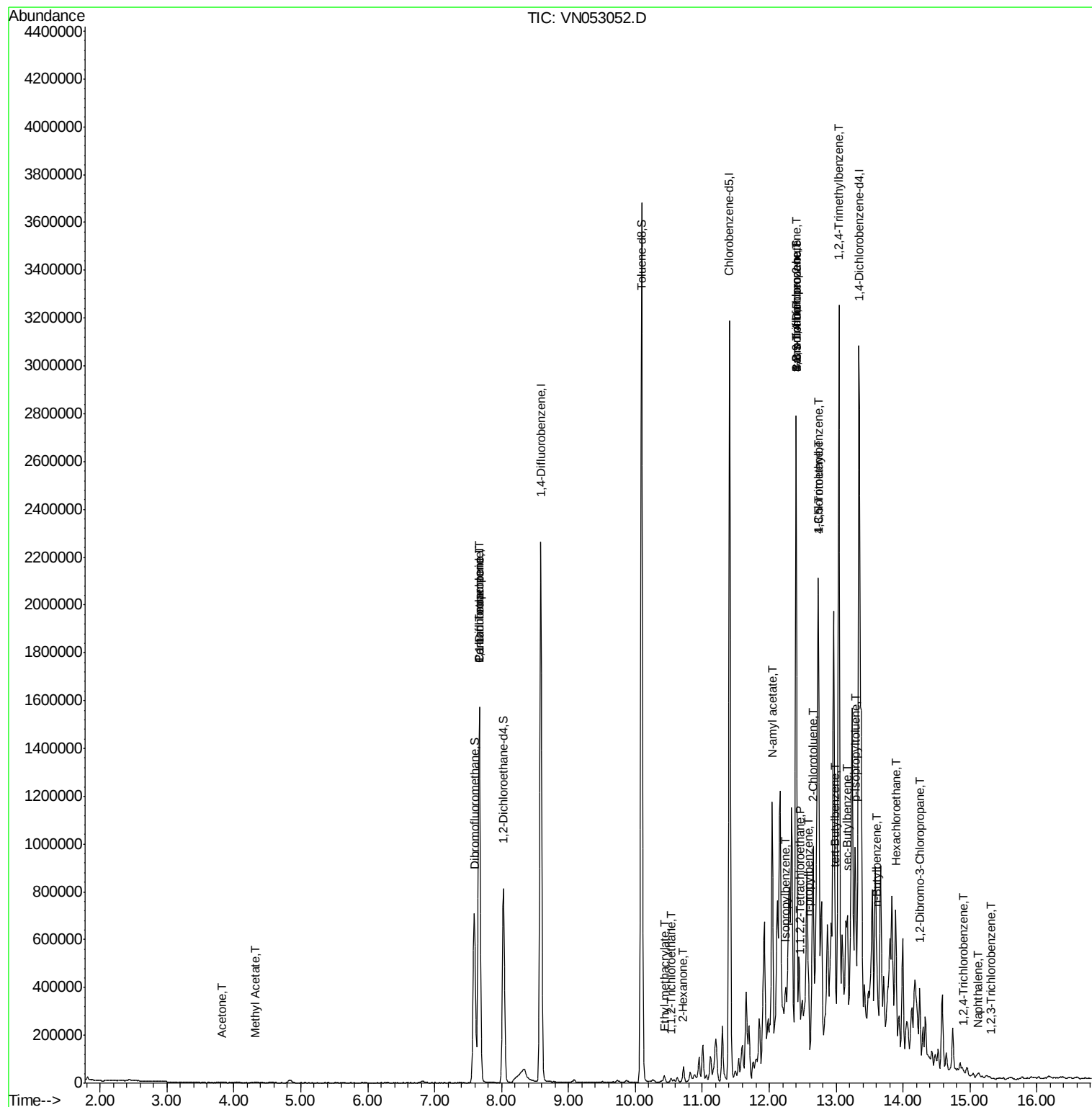
					Qvalue	
16) Acetone	3.82	43	1897	0.682	ug/l	98
18) Methyl Acetate	4.31	43	767	1.052	ug/l #	51
31) Cyclohexane	7.67	56	21876	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	88801	4.304	ug/l #	49
38) Carbon Tetrachloride	7.66	117	120371	6.366	ug/l #	15
55) 1,1,2-Trichloroethane	10.53	97	6677	0.503	ug/l #	19
56) Ethyl methacrylate	10.43	69	3797	0.216	ug/l #	19
59) 2-Hexanone	10.72	43	25872	3.429	ug/l #	27
71) Bromoform	12.40	173	5373	0.494	ug/l #	1
73) Isopropylbenzene	12.25	105	84121	1.326	ug/l	99
74) N-amyl acetate	12.04	43	223800	12.709	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.47	83	10135	0.814	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	415646	30.457	ug/l #	100
78) n-propylbenzene	12.59	91	195772	2.710	ug/l	100
79) 2-Chlorotoluene	12.65	91	44676	0.998	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	535529	10.359	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	415646	98.168	ug/l #	12
82) 4-Chlorotoluene	12.73	91	53694	1.225	ug/l #	52
83) tert-Butylbenzene	12.99	119	22773	0.498	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	1637824	31.514	ug/l	99
85) sec-Butylbenzene	13.17	105	146646	2.371	ug/l #	77
86) p-Isopropyltoluene	13.29	119	145208	2.717	ug/l	99
89) n-Butylbenzene	13.61	91	128619	2.798	ug/l #	79
90) Hexachloroethane	13.89	117	20989	2.559	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1559	0.725	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	631	0.639	ug/l #	1
95) Naphthalene	15.13	128	12130	1.518	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.32	180	293	0.530	ug/l #	12

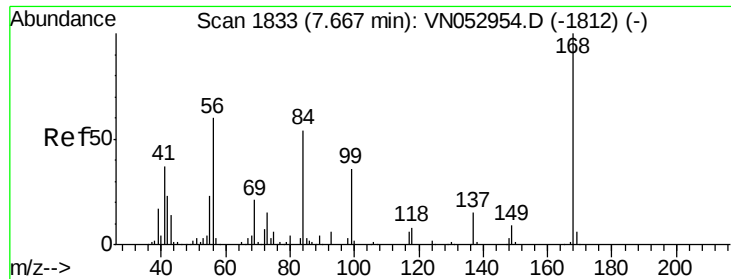
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

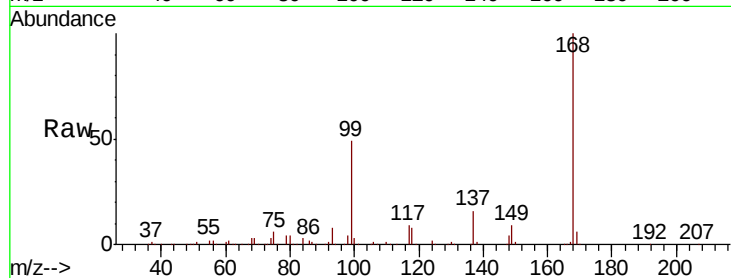
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 1397912

Ion Ratio Lower Upper

168 100

99 49.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

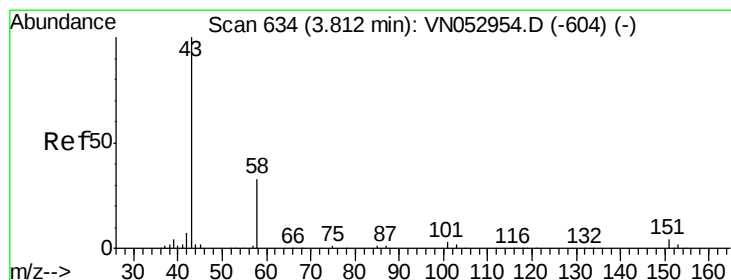
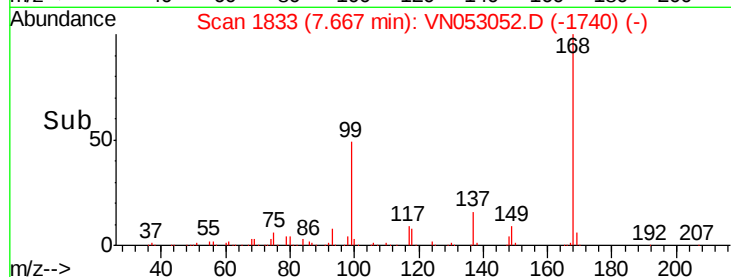
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 0.682 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053052.D

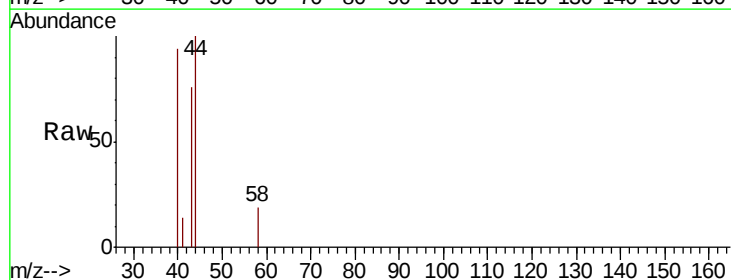
Acq: 20 Dec 2018 13:14

Tgt Ion: 43 Resp: 1897

Ion Ratio Lower Upper

43 100

58 30.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

1000

800

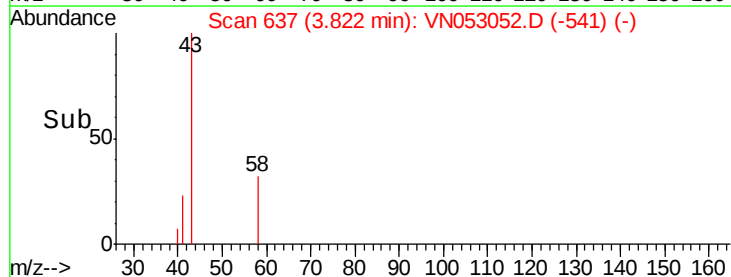
600

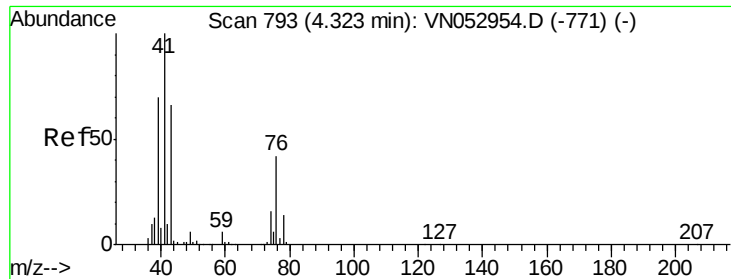
400

200

0

Time-->

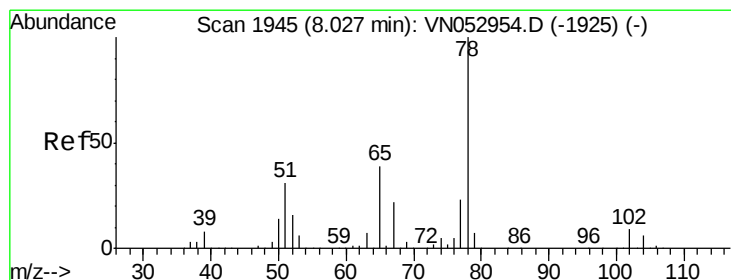
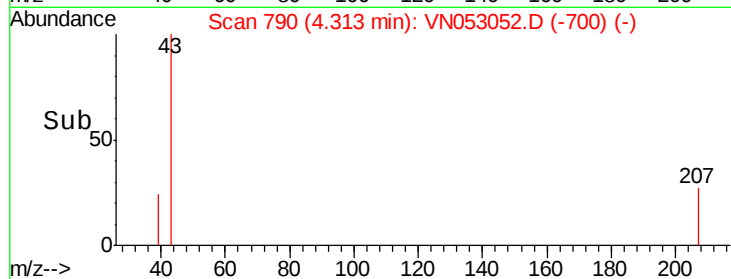
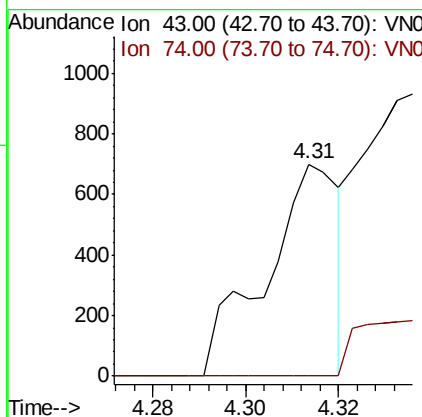
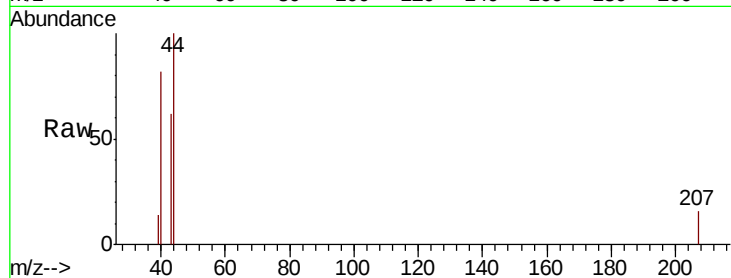




#18
Methyl Acetate
Concen: 1.052 ug/l
RT: 4.31 min Scan# 790
Delta R.T. -0.01 min
Lab File: VN053052.D
Acq: 20 Dec 2018 13:14

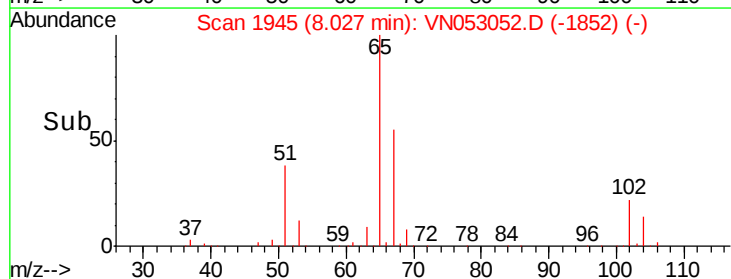
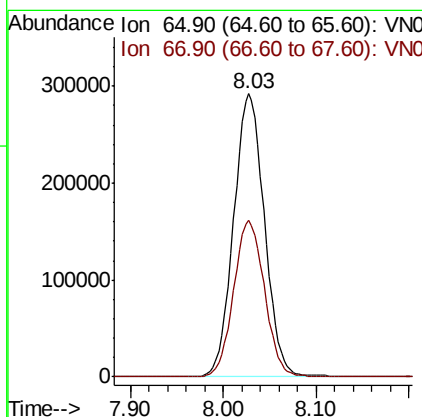
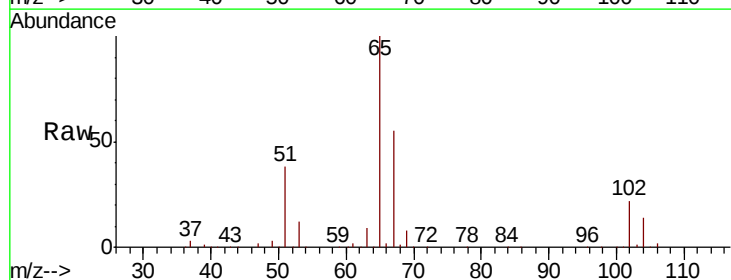
Instrument :
MSVOA_N
ClientSampled :

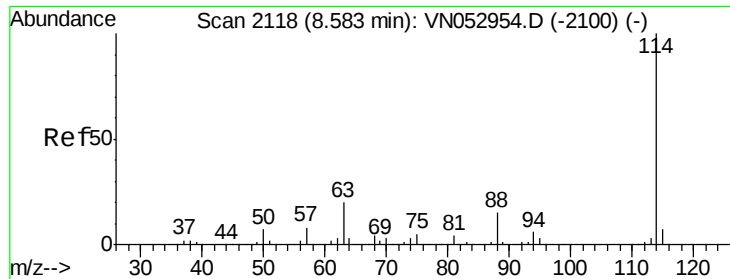
Tot Ion: 43 Resp: 767
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053052.D
Acq: 20 Dec 2018 13:14

Tgt Ion: 65 Resp: 673697
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.4

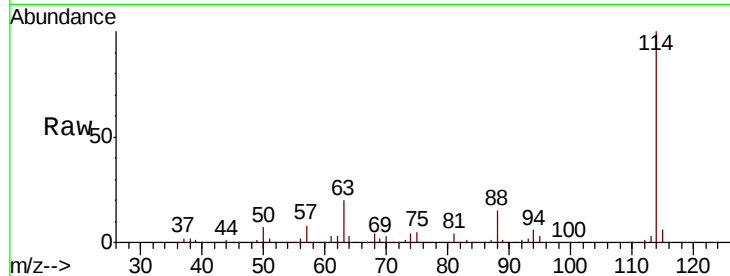




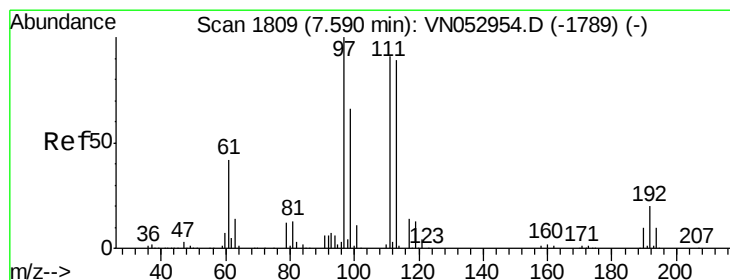
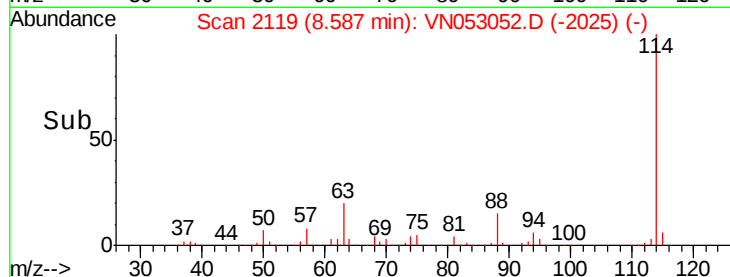
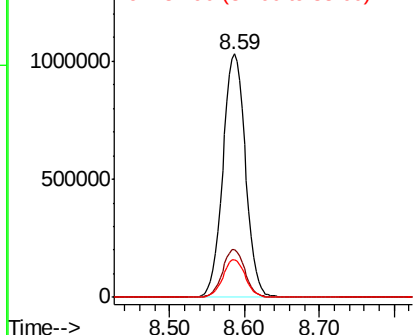
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053052.D
 Acq: 20 Dec 2018 13:14

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:114 Resp: 2149352
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.4 0.0 31.0

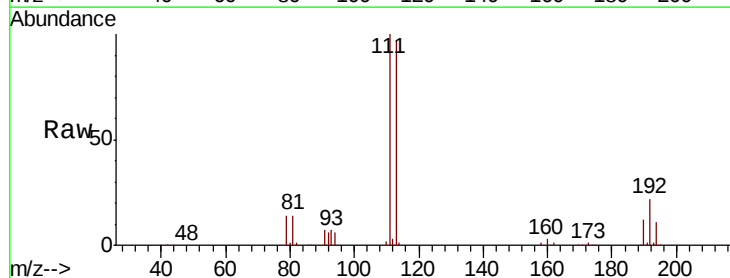


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

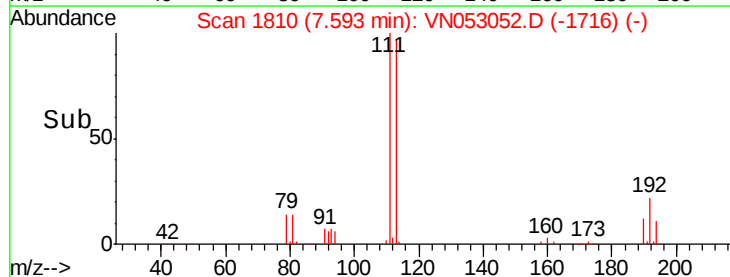
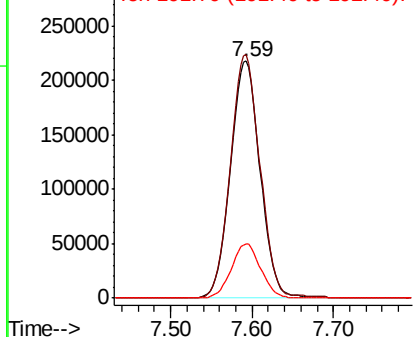


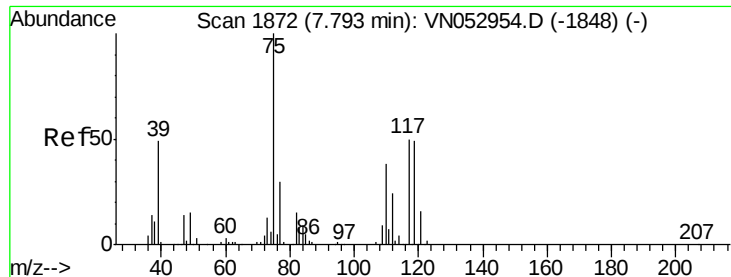
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053052.D
 Acq: 20 Dec 2018 13:14

Tgt Ion:113 Resp: 553847
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.0 124.4
 192 22.6 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: 4.304 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

ClientSampled :

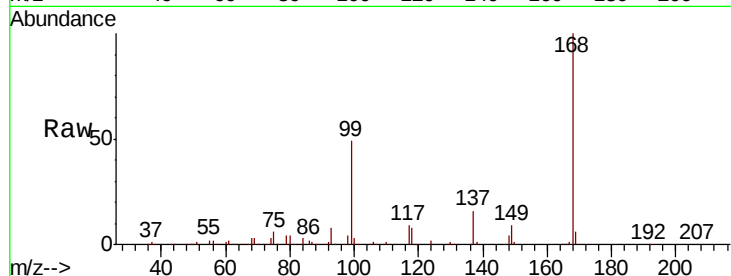
Tot Ion: 75 Resp: 88801

Ion Ratio Lower Upper

75 100

110 9.1 18.2 54.6#

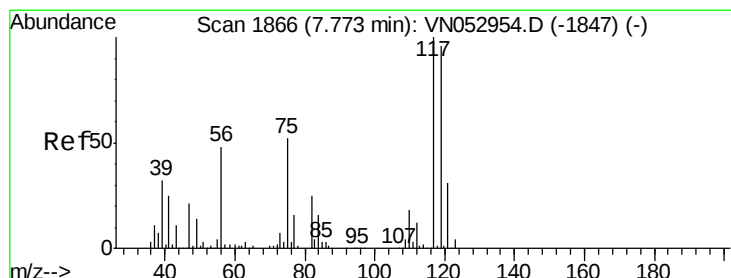
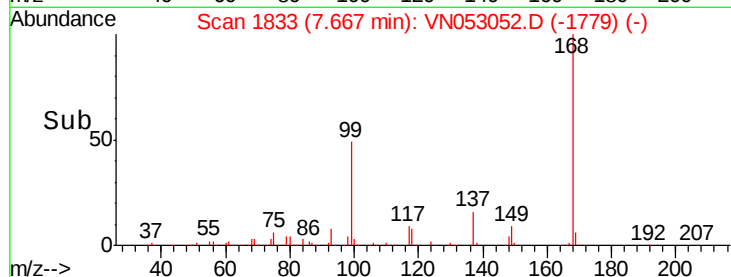
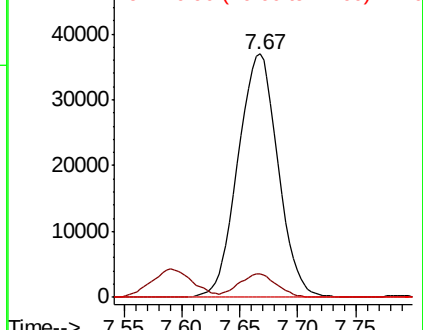
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN053052.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN053052.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN053052.D (-1779) (-)



#38

Carbon Tetrachloride

Concen: 6.366 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

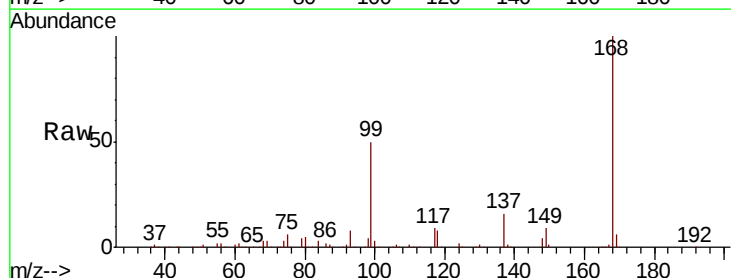
Tgt Ion: 117 Resp: 120371

Ion Ratio Lower Upper

117 100

119 4.4 77.1 115.7#

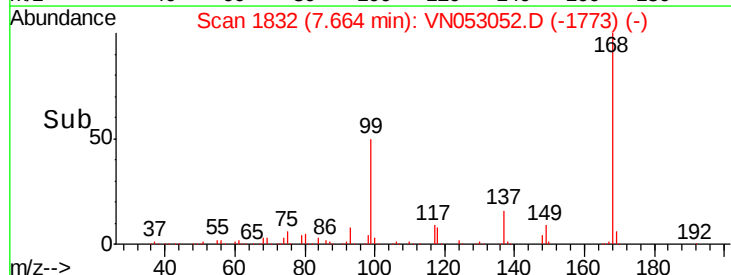
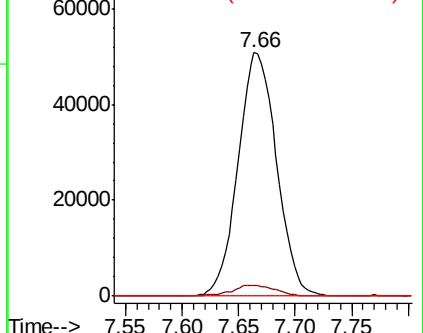
121 0.0 24.9 37.3#

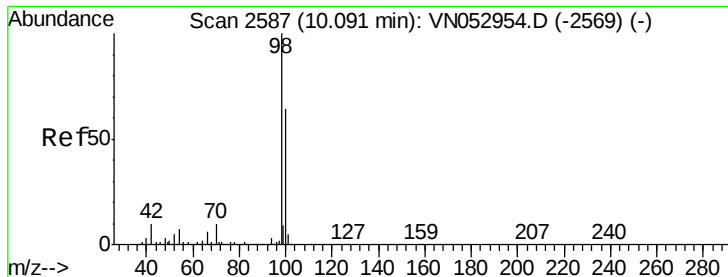


Abundance Ion 116.80 (116.50 to 117.50): VN053052.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN053052.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN053052.D (-1773) (-)





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

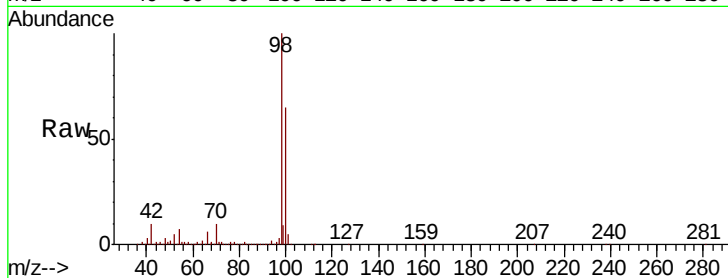
ClientSampleId :

Tot Ion: 98 Resp: 2618738

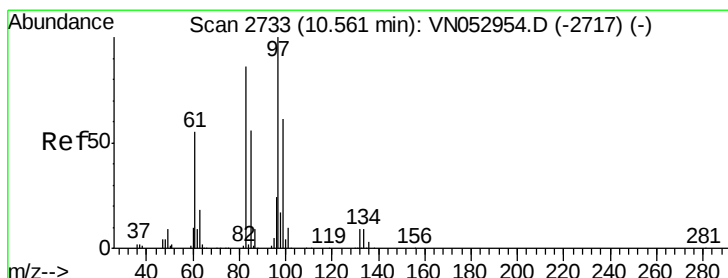
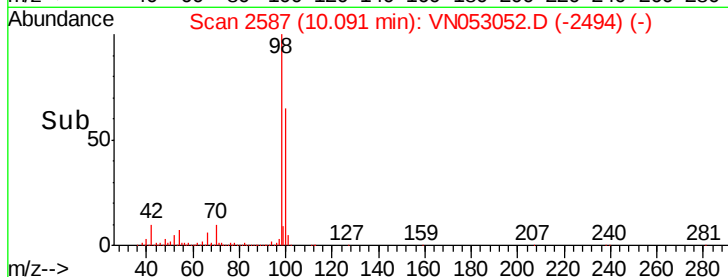
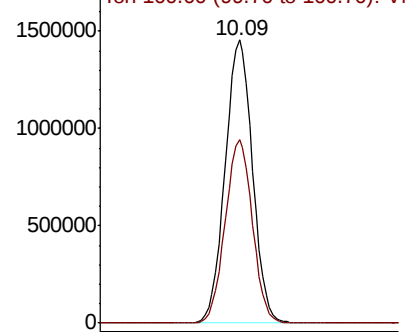
Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)



#55

1,1,2-Trichloroethane

Concen: 0.503 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Tgt Ion: 97 Resp: 6677

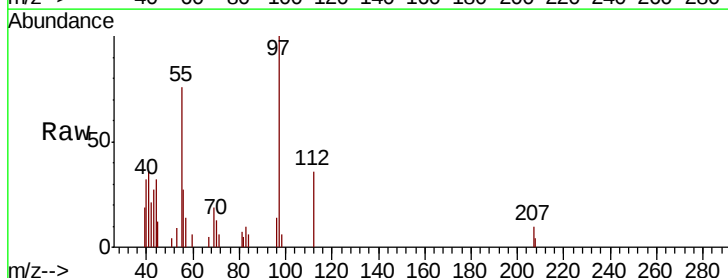
Ion Ratio Lower Upper

97 100

83 10.1 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): VN052954.D (-2717) (-)

Ion 82.90 (82.60 to 83.60): VN052954.D (-2717) (-)

Ion 84.90 (84.60 to 85.60): VN052954.D (-2717) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-2717) (-)

Abundance Ion 96.90 (96.60 to 97.60): VN052954.D (-2717) (-)

Ion 82.90 (82.60 to 83.60): VN052954.D (-2717) (-)

Ion 84.90 (84.60 to 85.60): VN052954.D (-2717) (-)

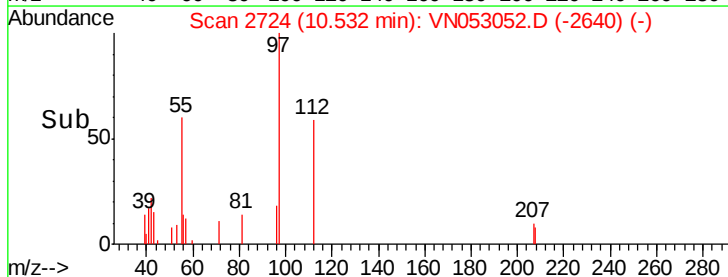
Ion 98.90 (98.60 to 99.60): VN052954.D (-2717) (-)

Abundance Ion 96.90 (96.60 to 97.60): VN052954.D (-2717) (-)

Ion 82.90 (82.60 to 83.60): VN052954.D (-2717) (-)

Ion 84.90 (84.60 to 85.60): VN052954.D (-2717) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-2717) (-)



Abundance Ion 96.90 (96.60 to 97.60): VN053052.D (-2640) (-)

Ion 82.90 (82.60 to 83.60): VN053052.D (-2640) (-)

Ion 84.90 (84.60 to 85.60): VN053052.D (-2640) (-)

Ion 98.90 (98.60 to 99.60): VN053052.D (-2640) (-)

Abundance Ion 96.90 (96.60 to 97.60): VN053052.D (-2640) (-)

Ion 82.90 (82.60 to 83.60): VN053052.D (-2640) (-)

Ion 84.90 (84.60 to 85.60): VN053052.D (-2640) (-)

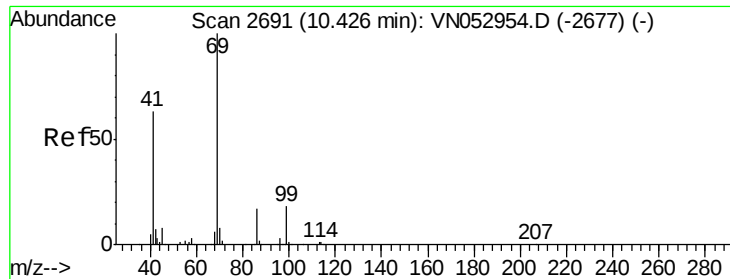
Ion 98.90 (98.60 to 99.60): VN053052.D (-2640) (-)

Abundance Ion 96.90 (96.60 to 97.60): VN053052.D (-2640) (-)

Ion 82.90 (82.60 to 83.60): VN053052.D (-2640) (-)

Ion 84.90 (84.60 to 85.60): VN053052.D (-2640) (-)

Ion 98.90 (98.60 to 99.60): VN053052.D (-2640) (-)



#56

Ethyl methacrylate

Concen: 0.216 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

ClientSampled :

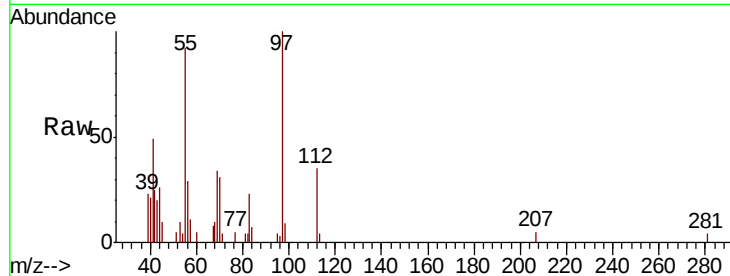
Tot Ion: 69 Resp: 3797

Ion Ratio Lower Upper

69 100

41 141.5 51.7 77.5#

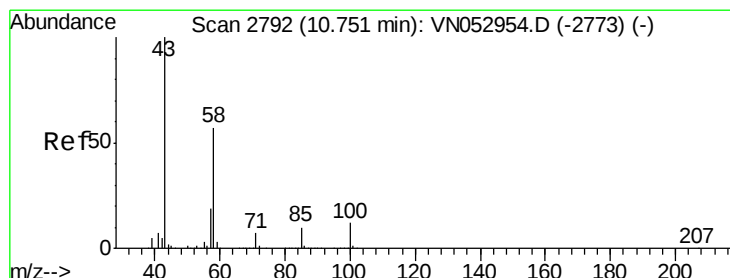
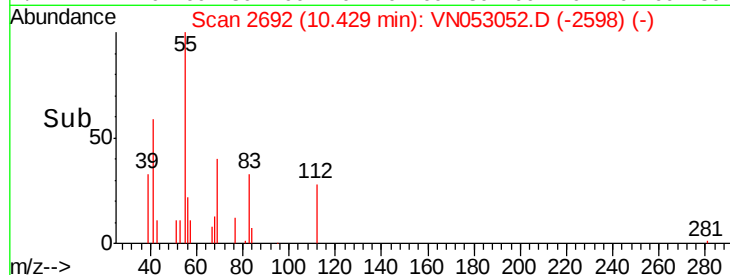
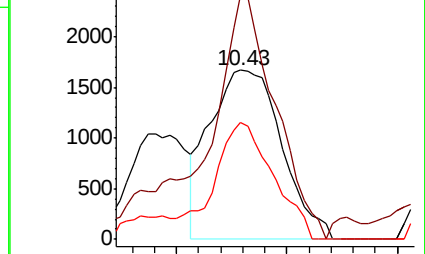
39 56.0 24.6 37.0#



Abundance Ion 69.00 (68.70 to 69.70): VN053052.D (-2598) (-)

Ion 41.00 (40.70 to 41.70): VN053052.D (-2598) (-)

Ion 39.00 (38.70 to 39.70): VN053052.D (-2598) (-)



#59

2-Hexanone

Concen: 3.429 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN053052.D

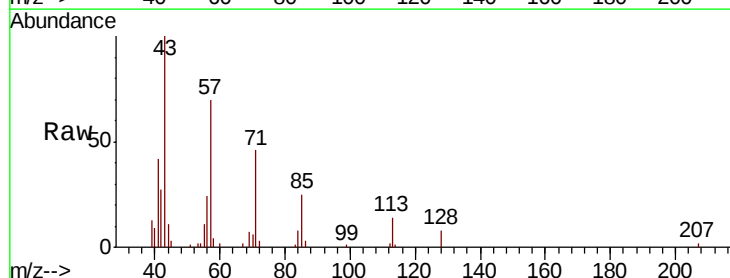
Acq: 20 Dec 2018 13:14

Tgt Ion: 43 Resp: 25872

Ion Ratio Lower Upper

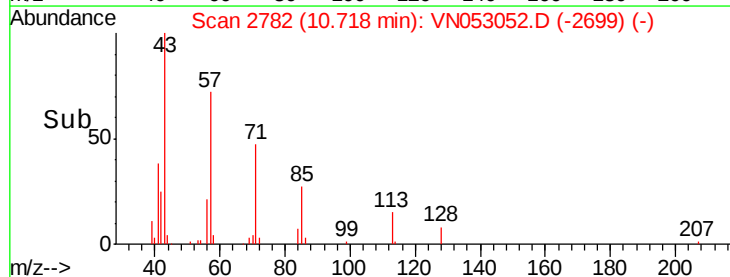
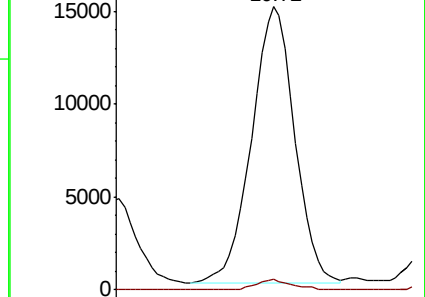
43 100

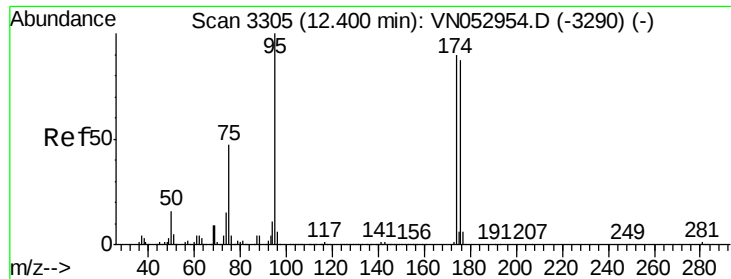
58 3.1 28.1 84.3#



Abundance Ion 43.00 (42.70 to 43.70): VN053052.D (-2699) (-)

Ion 58.00 (57.70 to 58.70): VN053052.D (-2699) (-)





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

ClientSampled :

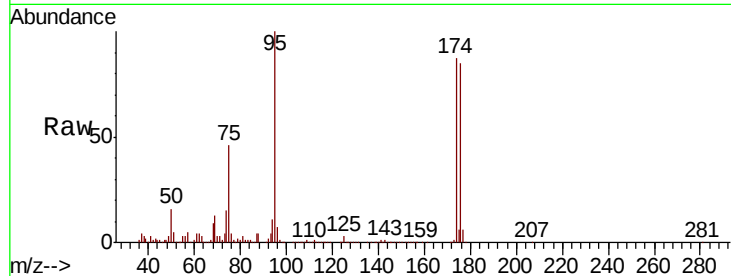
Tot Ion: 95 Resp: 904763

Ion Ratio Lower Upper

95 100

174 88.2 0.0 178.8

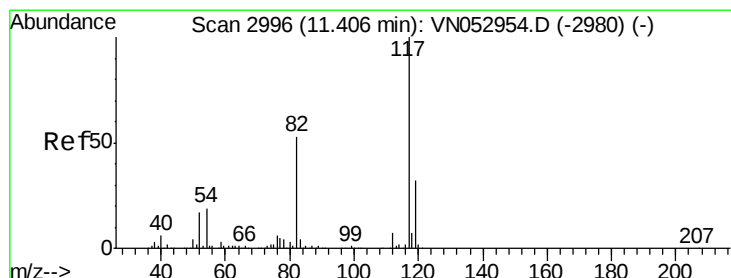
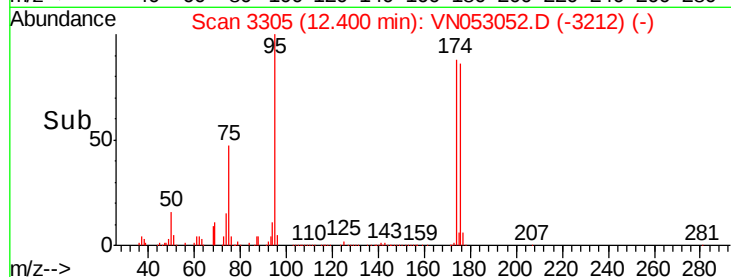
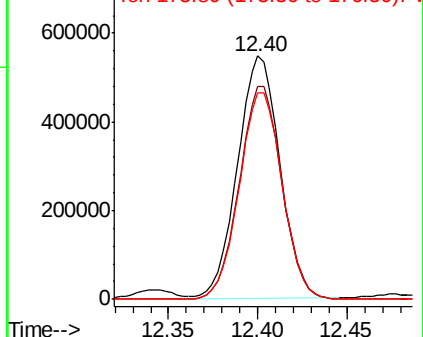
176 86.4 0.0 173.8



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: VN053052.D

Acq: 20 Dec 2018 13:14

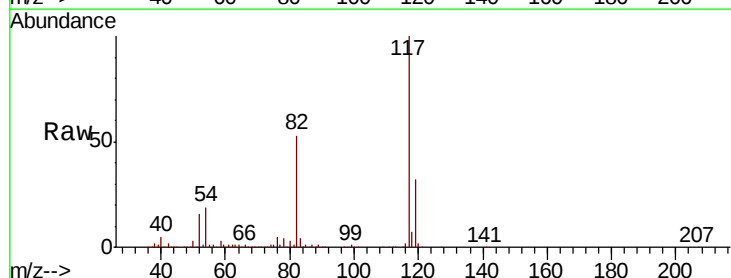
Tgt Ion: 117 Resp: 1953294

Ion Ratio Lower Upper

117 100

82 53.2 42.8 64.2

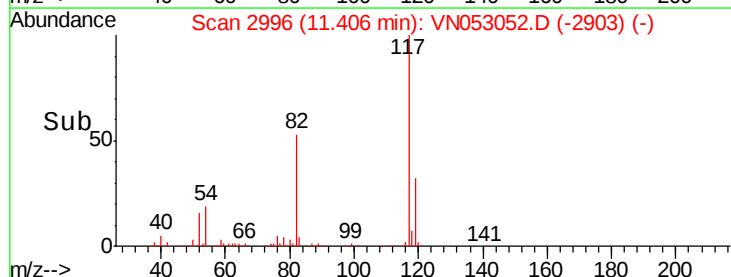
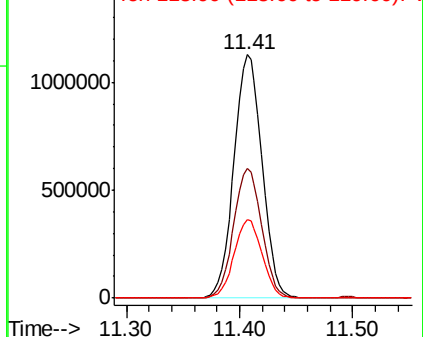
119 32.0 25.5 38.3

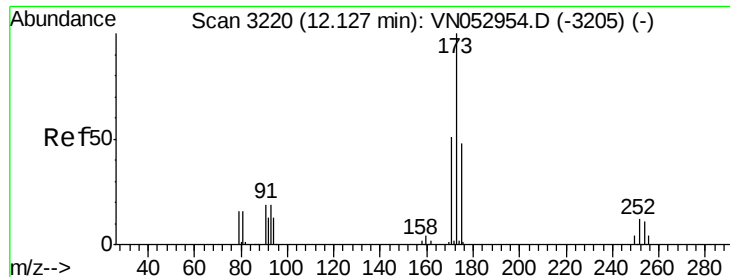


Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

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

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





#71

Bromoform

Concen: 0.494 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

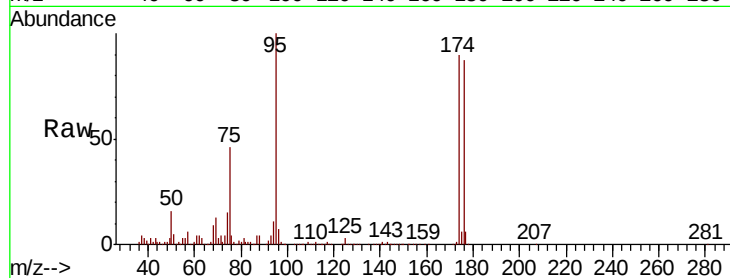
Tot Ion:173 Resp: 5373

Ion Ratio Lower Upper

173 100

175 943.9 24.3 72.9#

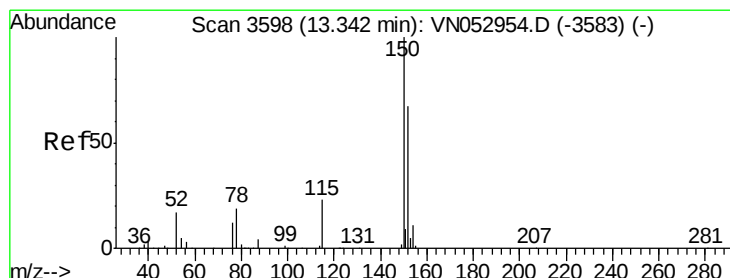
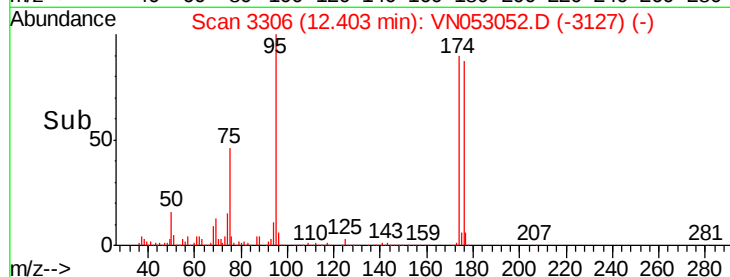
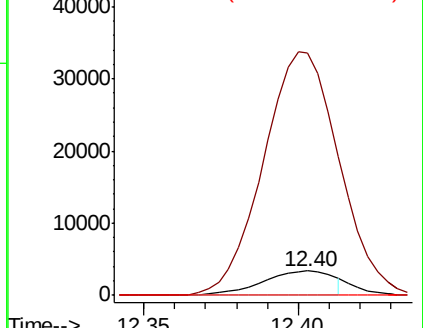
254 0.0 0.1 0.1#



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: VN053052.D

Acq: 20 Dec 2018 13:14

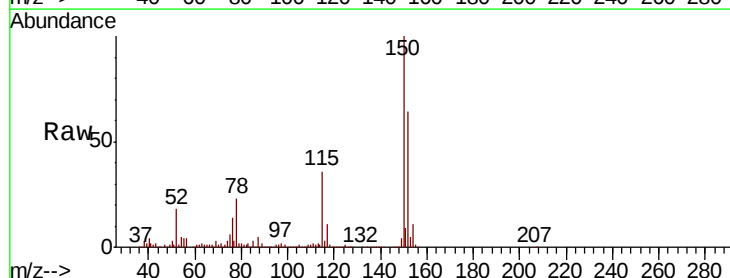
Tgt Ion:152 Resp: 810668

Ion Ratio Lower Upper

152 100

115 59.8 28.3 85.0

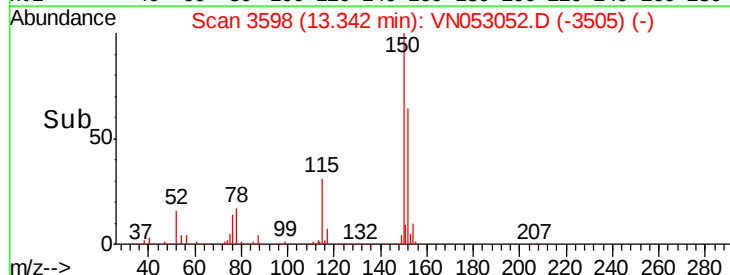
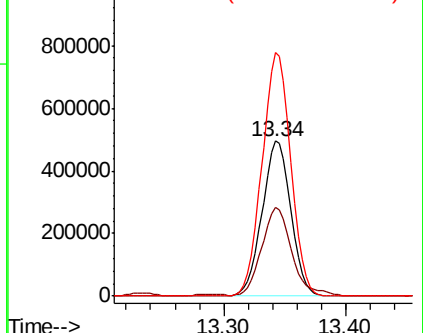
150 156.6 0.0 347.8

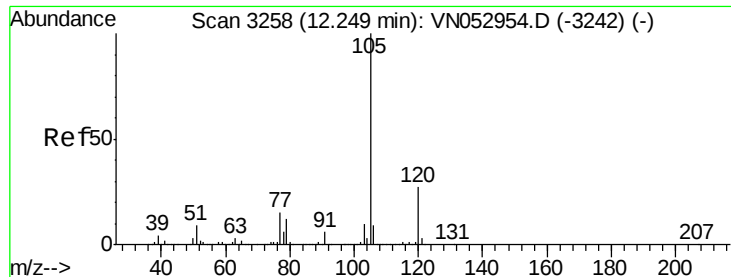


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.326 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

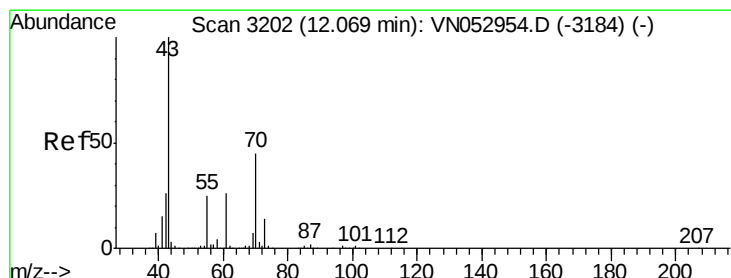
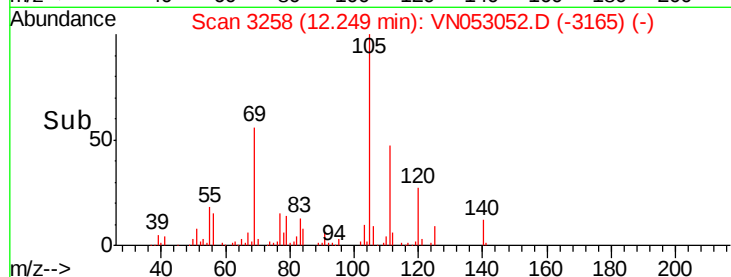
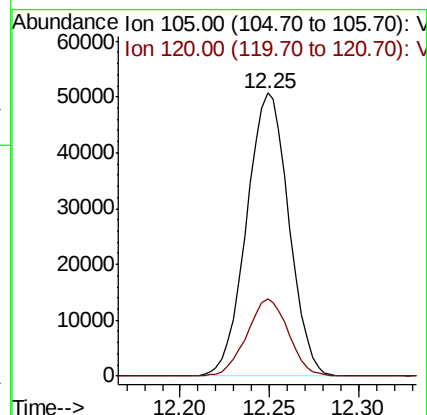
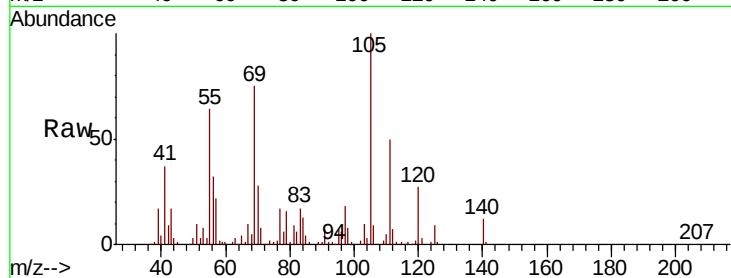
ClientSampled :

Tot Ion:105 Resp: 84121

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 12.709 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Tgt Ion: 43 Resp: 223800

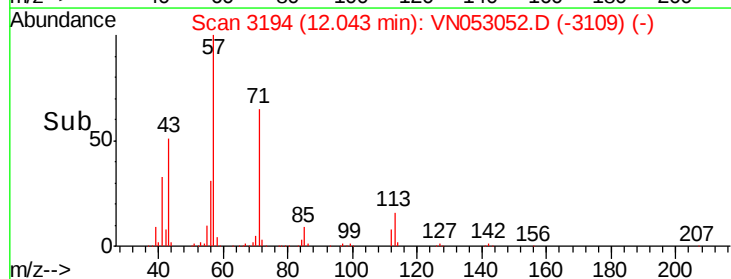
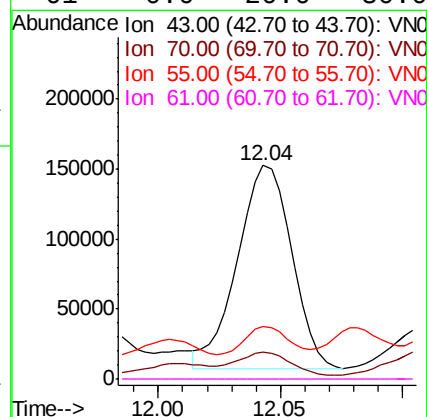
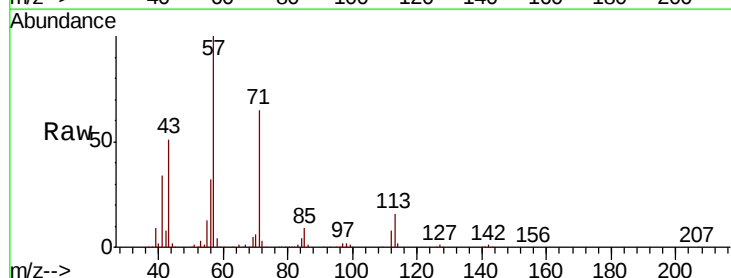
Ion Ratio Lower Upper

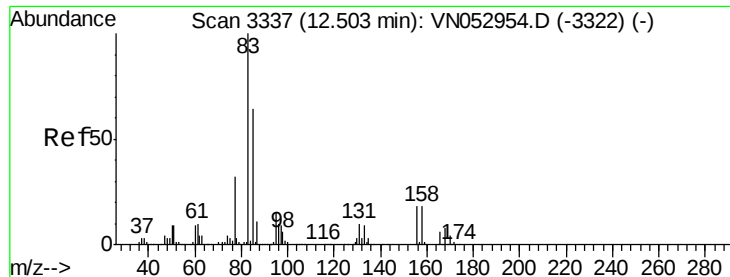
43 100

70 10.8 34.2 51.4#

55 11.8 20.3 30.5#

61 0.0 20.0 30.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.814 ug/l

RT: 12.47 min Scan# 3326

Delta R.T. -0.04 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

ClientSampleId :

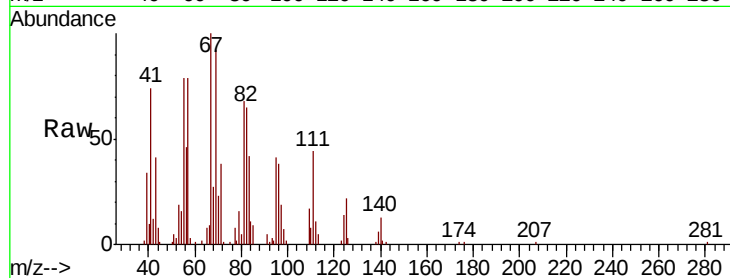
Tot Ion: 83 Resp: 10135

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

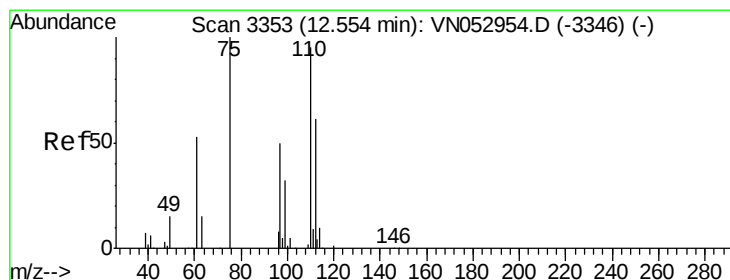
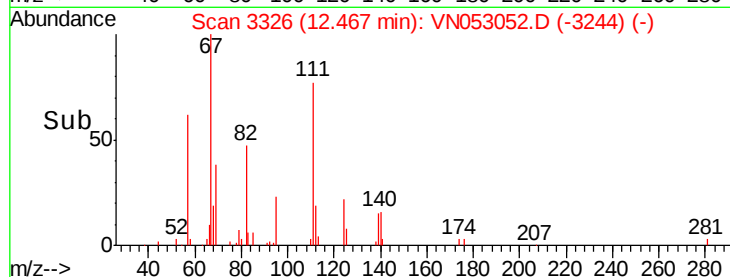
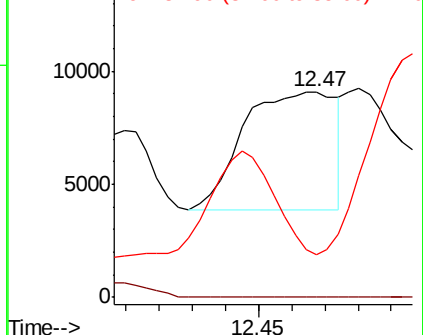
85 0.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 30.457 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053052.D

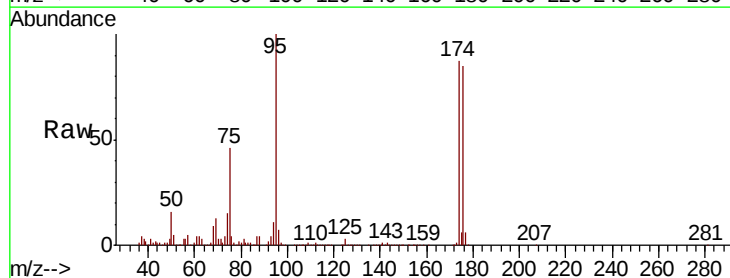
Acq: 20 Dec 2018 13:14

Tgt Ion: 75 Resp: 415646

Ion Ratio Lower Upper

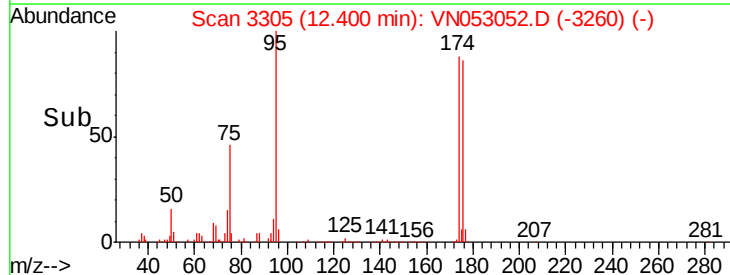
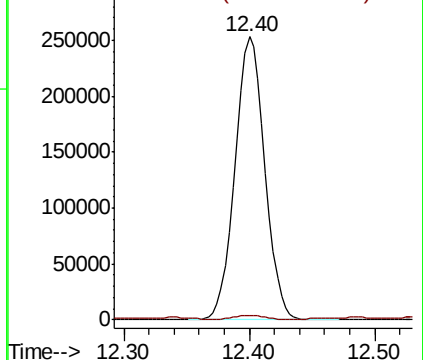
75 100

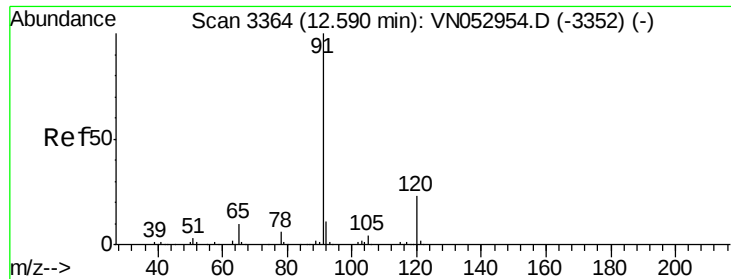
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#78

n-propylbenzene

Concen: 2.710 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

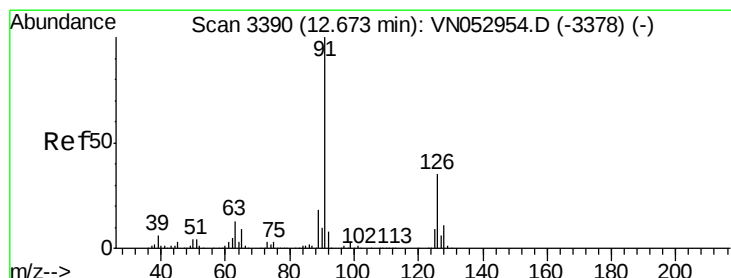
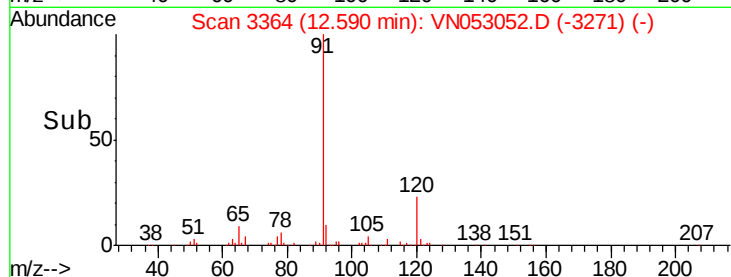
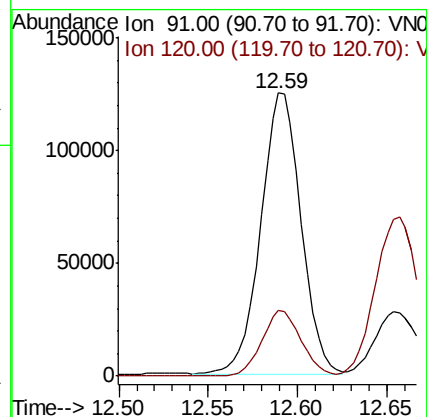
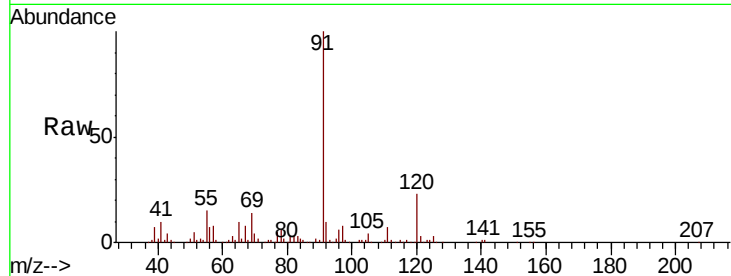
ClientSampled :

Tot Ion: 91 Resp: 195772

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.5



#79

2-Chlorotoluene

Concen: 0.998 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN053052.D

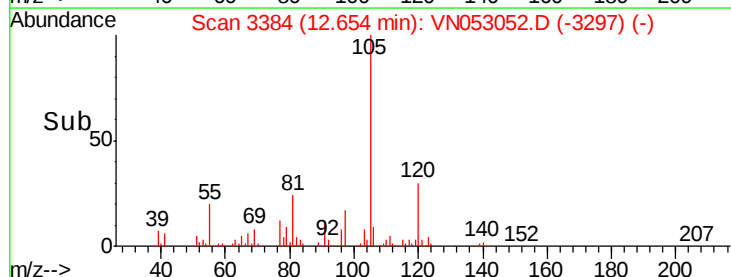
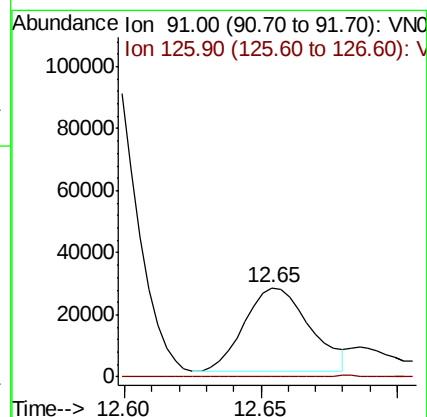
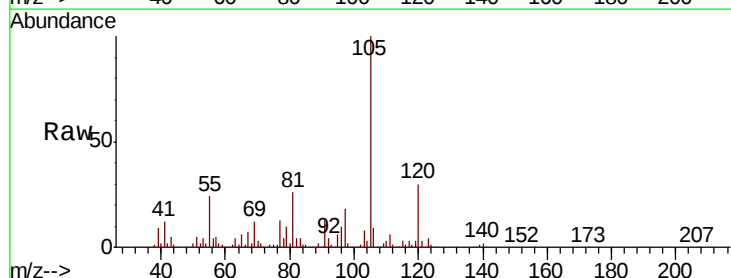
Acq: 20 Dec 2018 13:14

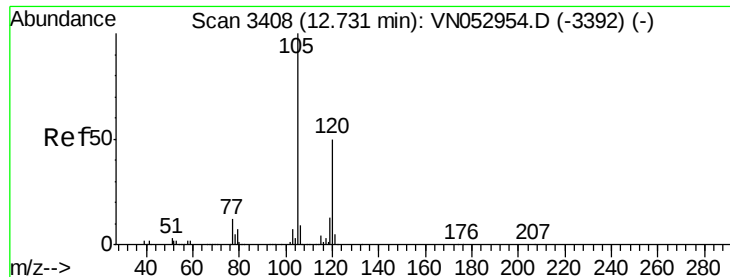
Tgt Ion: 91 Resp: 44676

Ion Ratio Lower Upper

91 100

126 0.0 17.4 52.3#





#80

1,3,5-Trimethylbenzene

Concen: 10.359 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

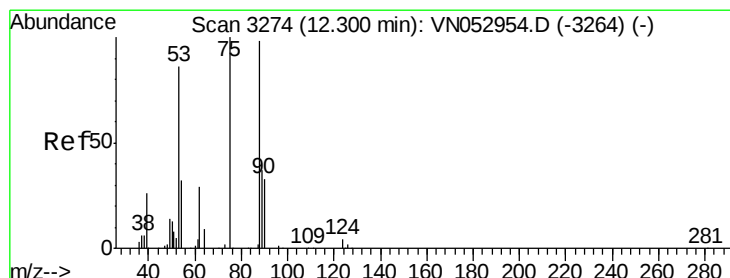
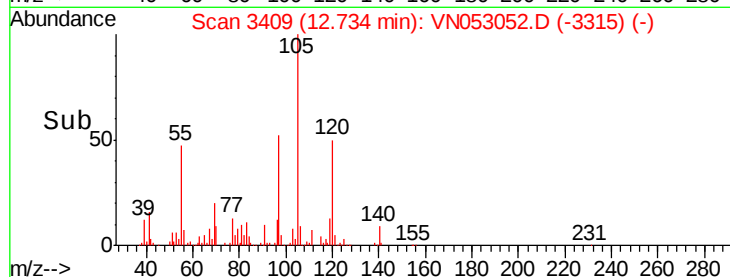
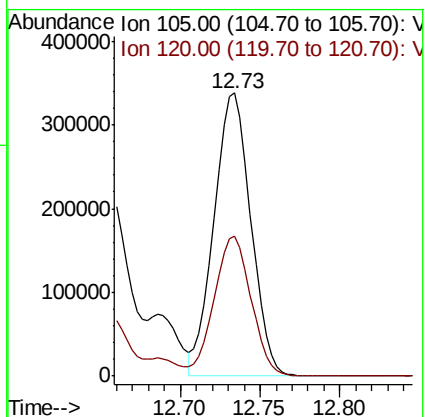
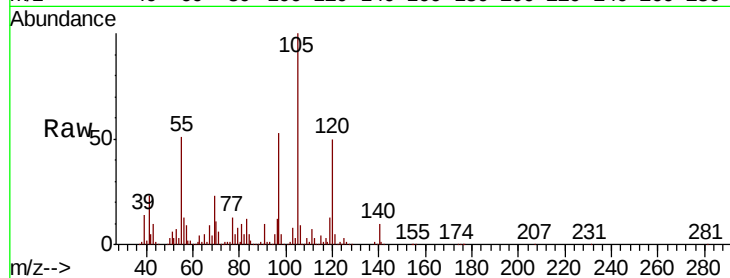
ClientSampled :

Tot Ion:105 Resp: 535529

Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.2



#81

trans-1,4-Dichloro-2-butene

Concen: 98.168 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

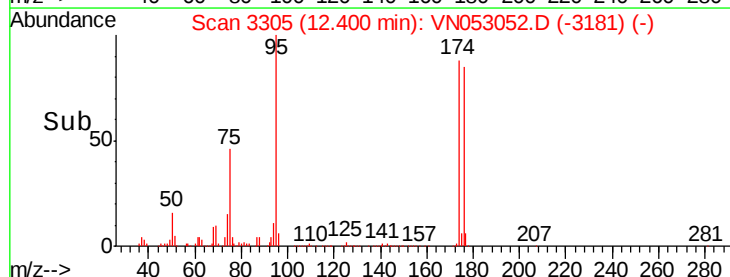
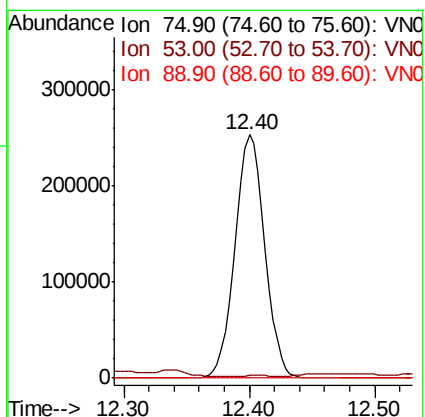
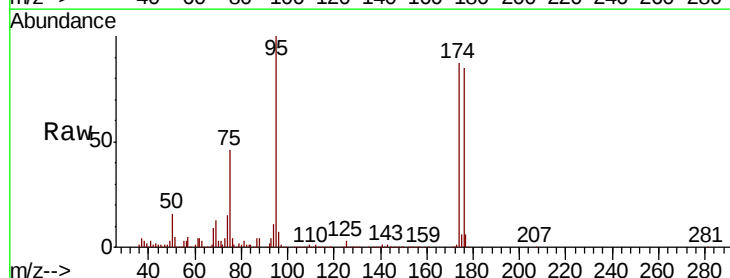
Tgt Ion: 75 Resp: 415646

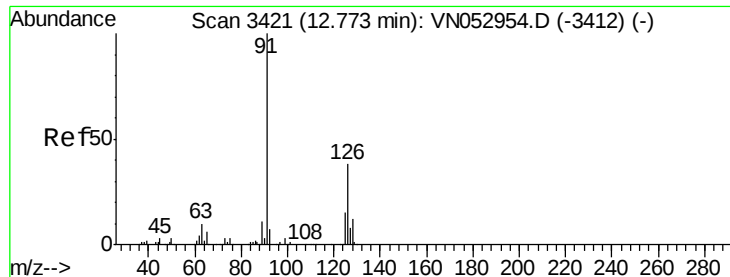
Ion Ratio Lower Upper

75 100

53 0.5 74.7 112.1#

89 0.0 36.1 54.1#

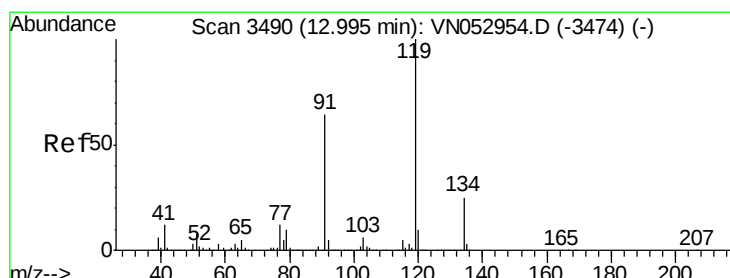
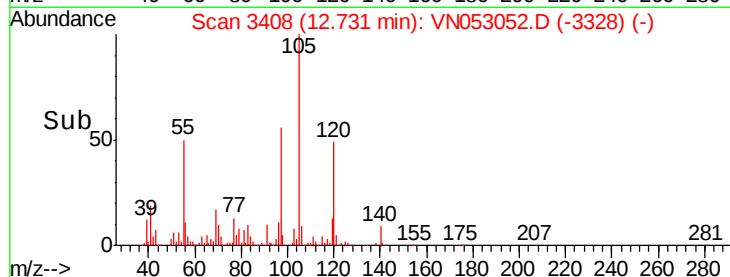
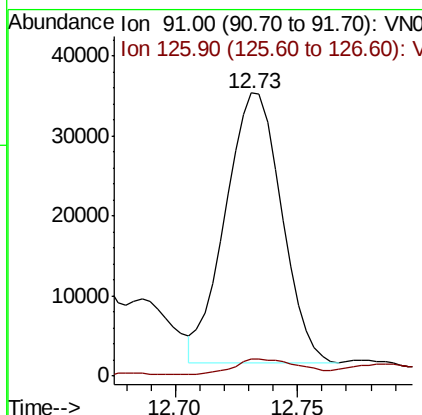
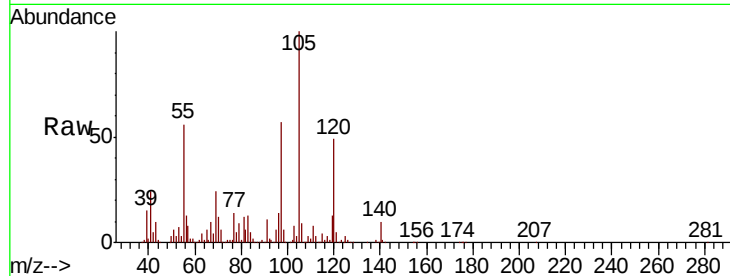




#82
4-Chlorotoluene
Concen: 1.225 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.04 min
Lab File: VN053052.D
Acq: 20 Dec 2018 13:14

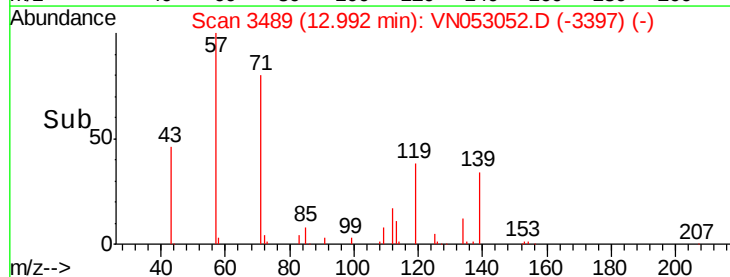
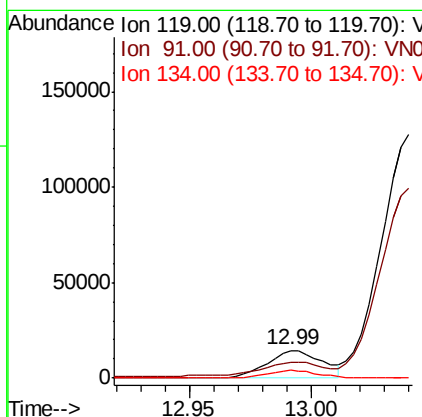
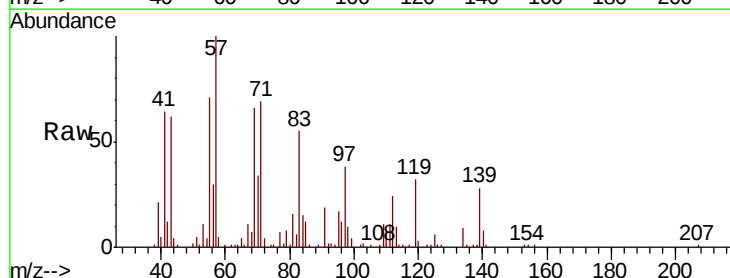
Instrument :
MSVOA_N
ClientSampled :

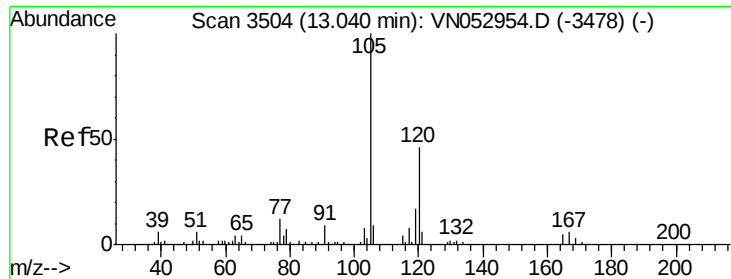
Tot Ion: 91 Resp: 53694
Ion Ratio Lower Upper
91 100
126 6.6 17.3 51.7#



#83
tert-Butylbenzene
Concen: 0.498 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN053052.D
Acq: 20 Dec 2018 13:14

Tgt Ion: 119 Resp: 22773
Ion Ratio Lower Upper
119 100
91 58.5 31.9 95.5
134 25.5 12.8 38.4





#84

1,2,4-Trimethylbenzene

Concen: 31.514 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

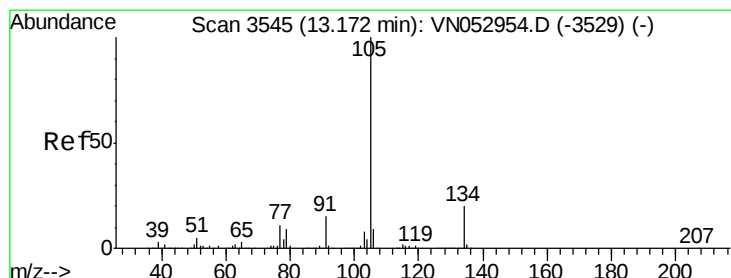
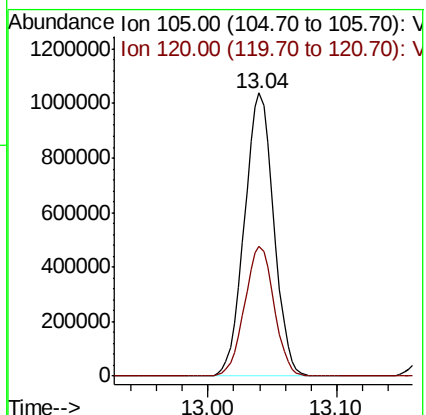
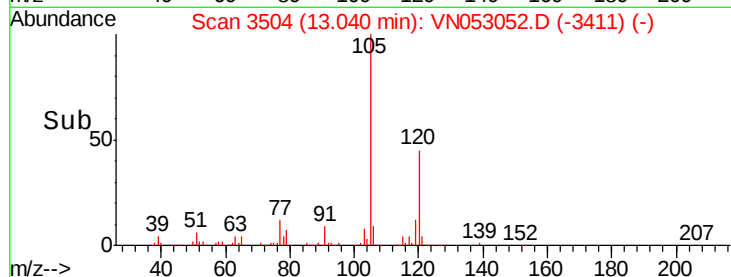
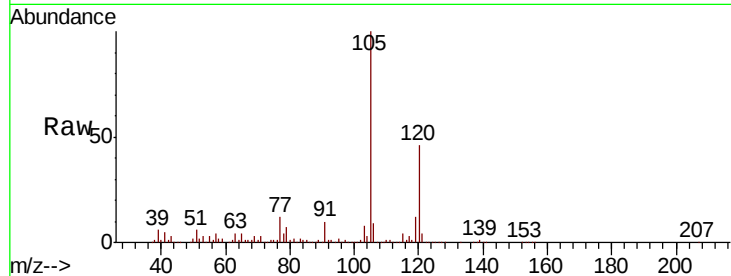
ClientSampled :

Tot Ion:105 Resp: 1637824

Ion Ratio Lower Upper

105 100

120 46.5 22.9 68.8



#85

sec-Butylbenzene

Concen: 2.371 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN053052.D

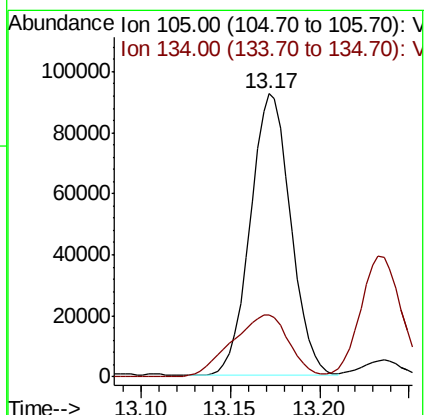
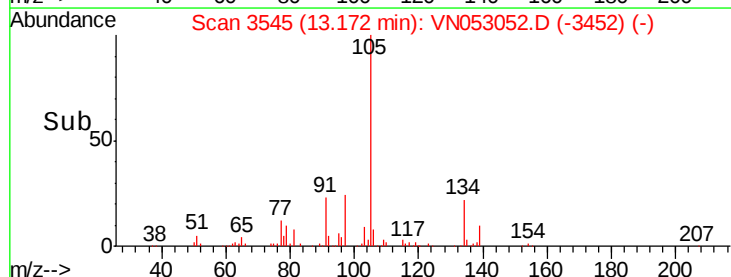
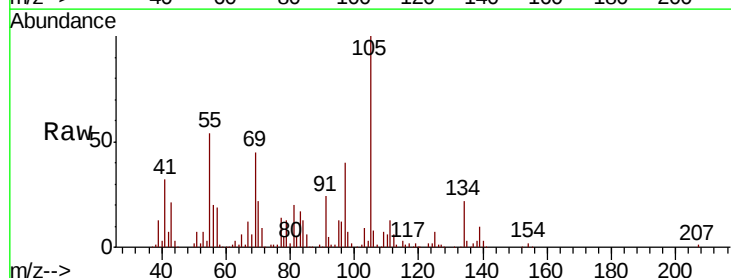
Acq: 20 Dec 2018 13:14

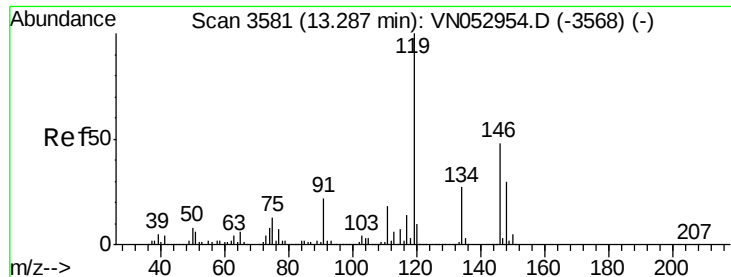
Tgt Ion:105 Resp: 146646

Ion Ratio Lower Upper

105 100

134 30.9 10.1 30.3#

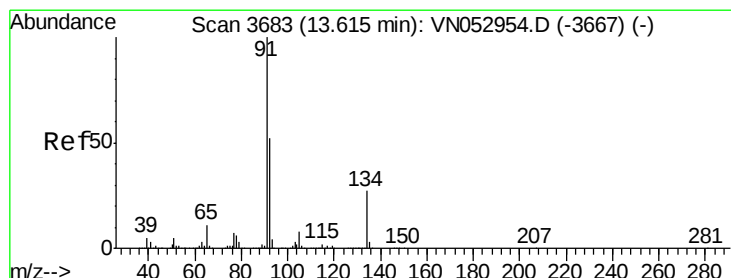
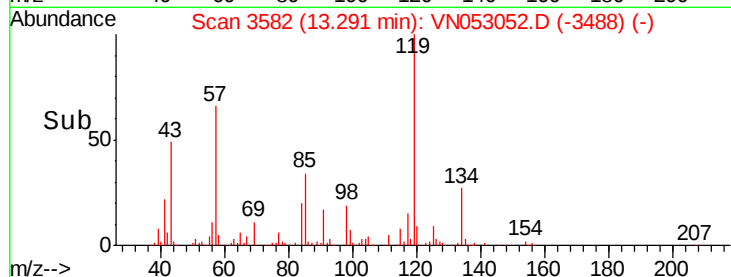
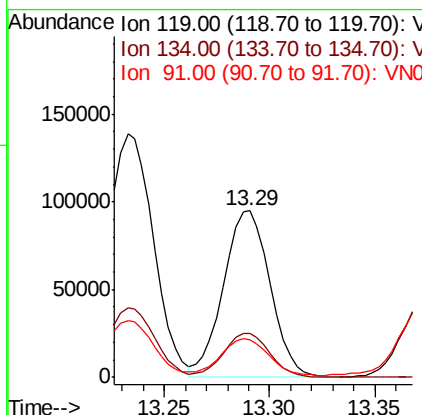
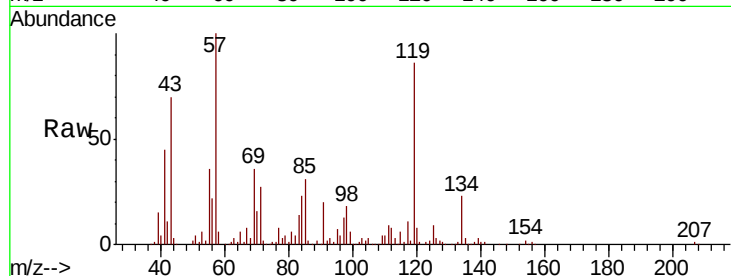




#86
 p-Isopropyltoluene
 Concen: 2.717 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053052.D
 Acq: 20 Dec 2018 13:14

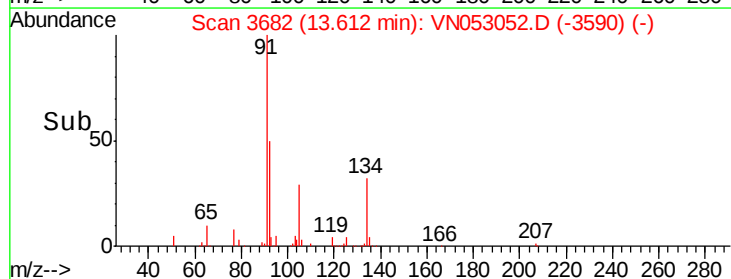
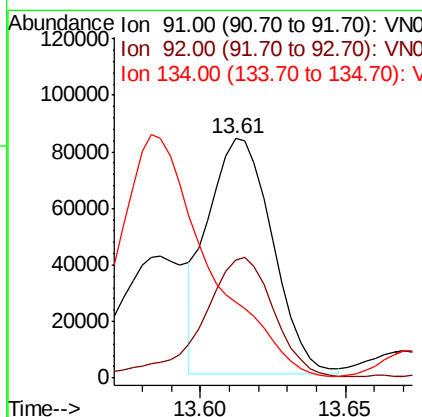
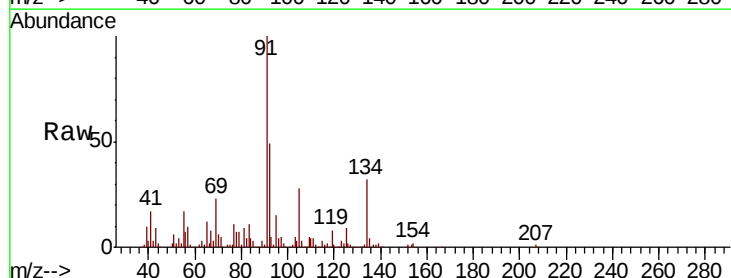
Instrument :
 MSVOA_N
 ClientSampleId :

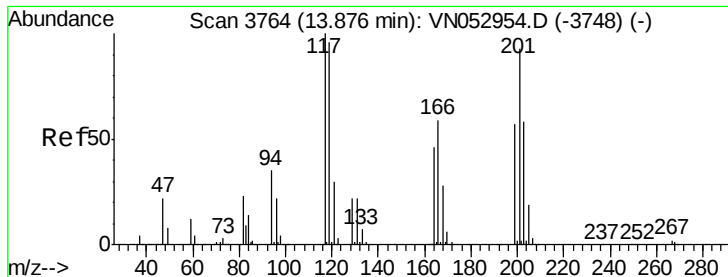
Tot Ion: 119 Resp: 145208
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.2
 91 22.1 11.1 33.3



#89
 n-Butylbenzene
 Concen: 2.798 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN053052.D
 Acq: 20 Dec 2018 13:14

Tgt Ion: 91 Resp: 128619
 Ion Ratio Lower Upper
 91 100
 92 56.0 26.3 78.9
 134 0.0 13.3 39.8#





#90

Hexachloroethane

Concen: 2.559 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

Instrument :

MSVOA_N

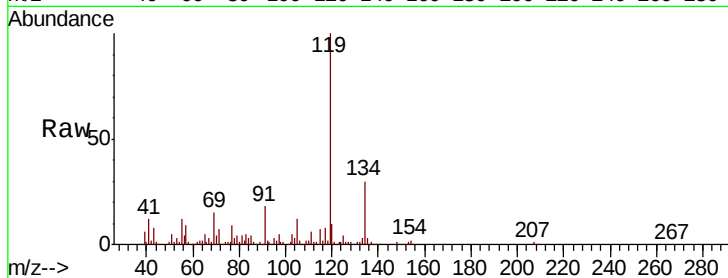
ClientSampled :

Tot Ion:117 Resp: 20989

Ion Ratio Lower Upper

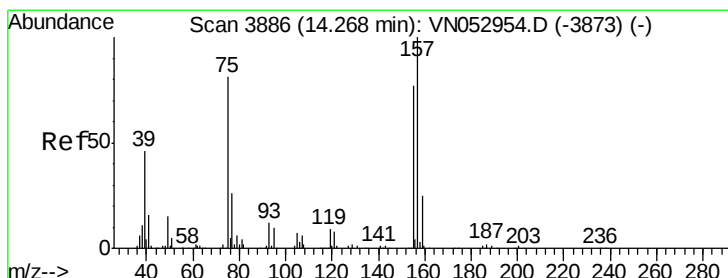
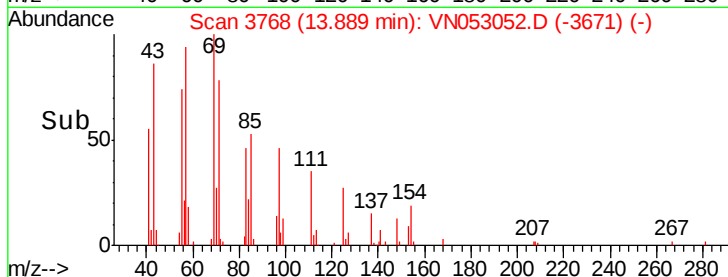
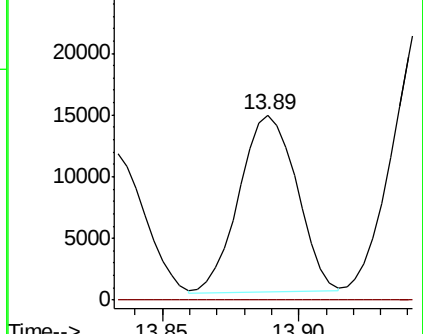
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.725 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN053052.D

Acq: 20 Dec 2018 13:14

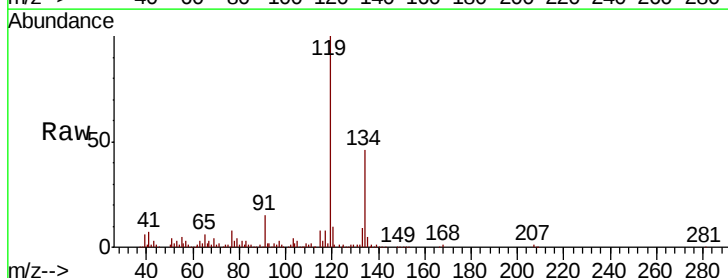
Tgt Ion: 75 Resp: 1559

Ion Ratio Lower Upper

75 100

155 0.0 48.2 144.6#

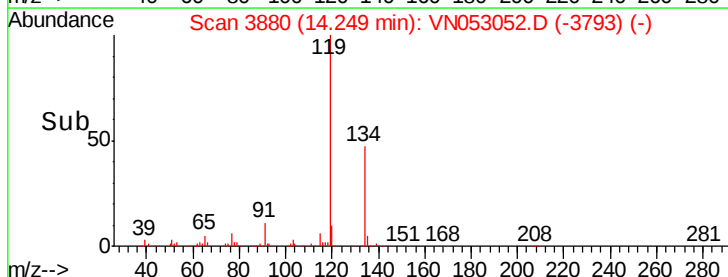
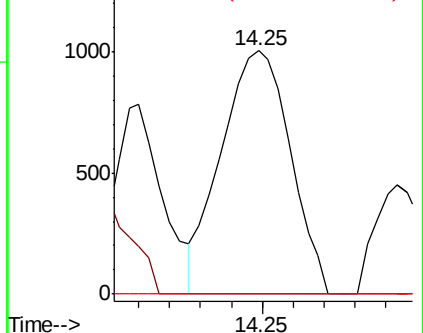
157 0.0 61.2 183.5#

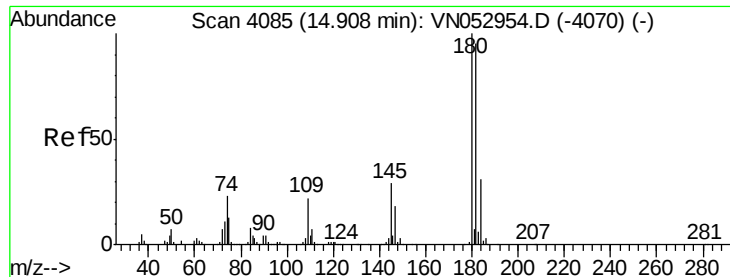


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

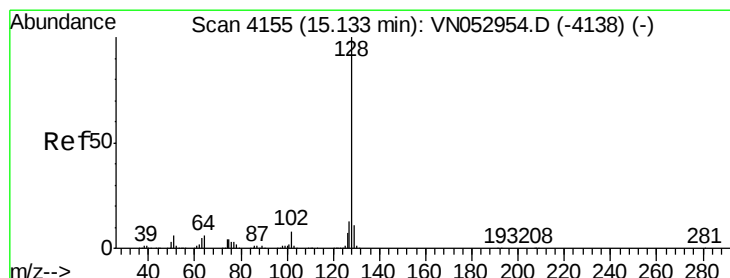
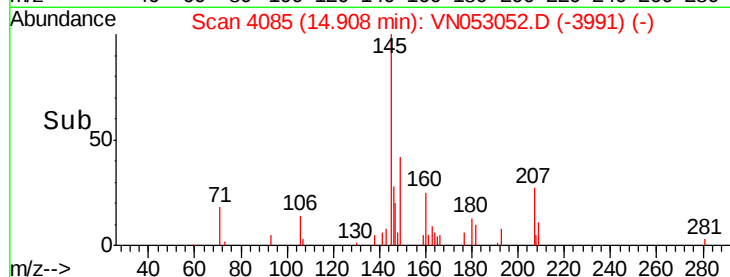
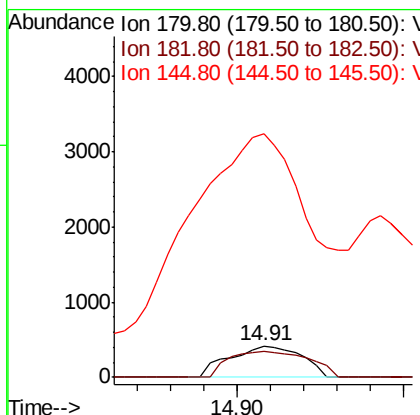
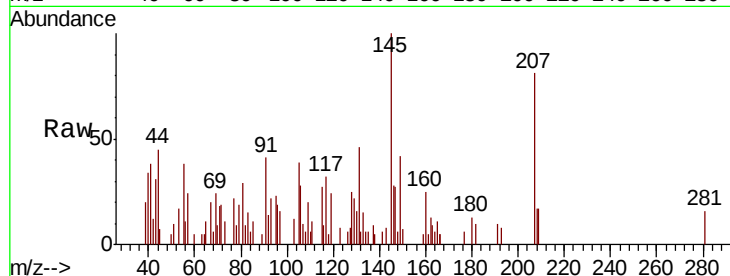




#93
 1,2,4-Trichlorobenzene
 Concen: 0.639 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053052.D
 Acq: 20 Dec 2018 13:14

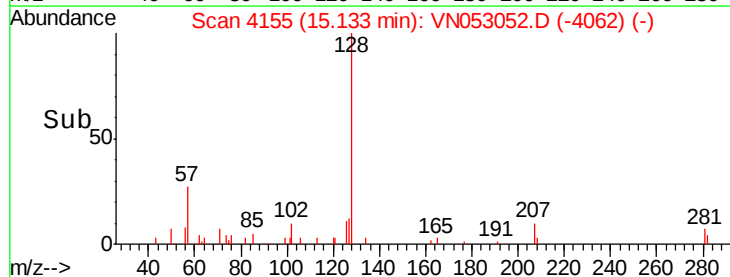
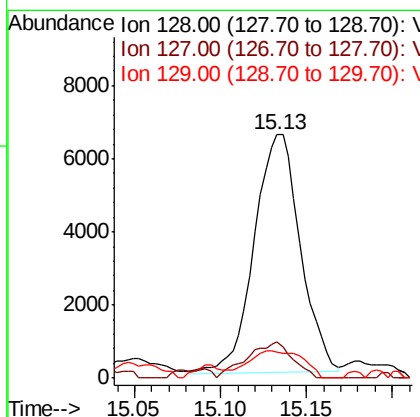
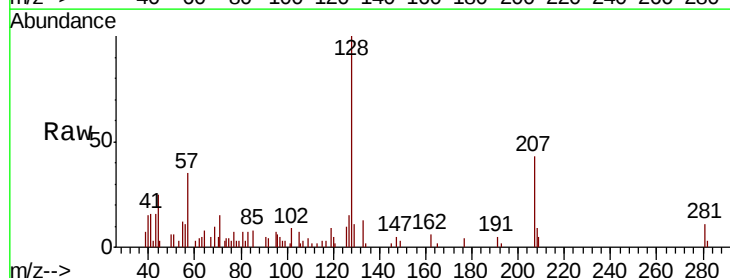
Instrument :
 MSVOA_N
 ClientSampled :

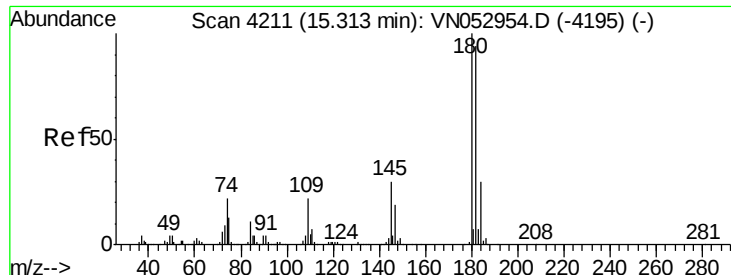
Tot Ion:180 Resp: 631
 Ion Ratio Lower Upper
 180 100
 182 91.1 47.8 143.3
 145 1235.5 14.2 42.6#



#95
 Naphthalene
 Concen: 1.518 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN053052.D
 Acq: 20 Dec 2018 13:14

Tgt Ion:128 Resp: 12130
 Ion Ratio Lower Upper
 128 100
 127 15.0 10.2 15.4
 129 13.5 8.6 13.0#

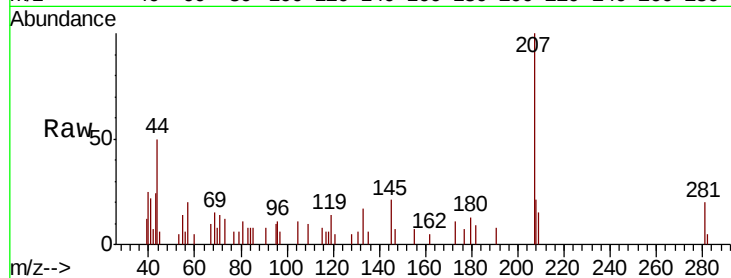




#96
 1,2,3-Trichlorobenzene
 Concen: 0.530 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN053052.D
 Acq: 20 Dec 2018 13:14

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	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

