

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050984.D
 Acq On : 31 Aug 2018 13:36
 Operator : MD\SY
 Sample : J4648-02DL
 Misc : 5.28g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1-@-8-FTME

Quant Time: Aug 31 14:17:44 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	566632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	859622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	753991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	296225	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	342087	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	7.59	113	325771	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
50) Toluene-d8	10.09	98	1210968	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
62) 4-Bromofluorobenzene	12.40	95	348680	41.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.08%	

Target Compounds

						Qvalue
3) Chloromethane	2.05	50	3260	0.35	ug/l	98
5) Bromomethane	2.51	94	2324	Below	Cal	93
10) Methyl Iodide	3.94	142	2534	6.70	ug/l #	60
11) Tert butyl alcohol	4.73	59	1286	2.96	ug/l #	72
13) Acrolein	3.78	56	61	18.14	ug/l #	14
16) Acetone	3.82	43	7622	Below	Cal	89
17) Carbon Disulfide	4.04	76	7552	0.35	ug/l	99
18) Methyl Acetate	4.33	43	27883	4.33	ug/l	97
20) Methylene Chloride	4.55	84	2631	0.34	ug/l	88
25) 2-Butanone	6.84	43	2230	0.81	ug/l	99
29) Tetrahydrofuran	7.22	42	1031	0.65	ug/l #	54
31) Cyclohexane	7.66	56	47768	4.57	ug/l #	77
36) 1,1-Dichloropropene	7.67	75	36740	3.62	ug/l #	53
38) Carbon Tetrachloride	7.67	117	48672	4.75	ug/l #	16
39) Methylcyclohexane	9.08	83	28411	2.59	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1331	0.22	ug/l #	35
55) 1,1,2-Trichloroethane	10.54	97	2130	0.32	ug/l #	15
56) Ethyl methacrylate	10.43	69	1390	2.50	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.69	63	156	12.26	ug/l #	47
59) 2-Hexanone	10.76	43	3265	0.82	ug/l	67
68) m/p-Xylenes	11.62	106	14888	1.22	ug/l	98
69) o-Xylene	11.95	106	3272	0.28	ug/l	98
70) Styrene	11.96	104	1376	1.34	ug/l #	69
71) Bromoform	12.40	173	1648	0.33	ug/l #	1
73) Isopropylbenzene	12.25	105	5430	0.22	ug/l	98
74) N-amyl acetate	12.07	43	1377	0.22	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.51	83	617	Below	Cal #	67
76) 1,2,3-Trichloropropane	12.40	75	160870	31.01	ug/l #	100
78) n-propylbenzene	12.59	91	5583	0.20	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	8570	0.43	ug/l	87
81) trans-1,4-Dichloro-2-buten	12.40	75	160870	104.82	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	19810	1.00	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	2342	0.21	ug/l	98
88) 1,4-Dichlorobenzene	13.28	146	2342	0.21	ug/l	98

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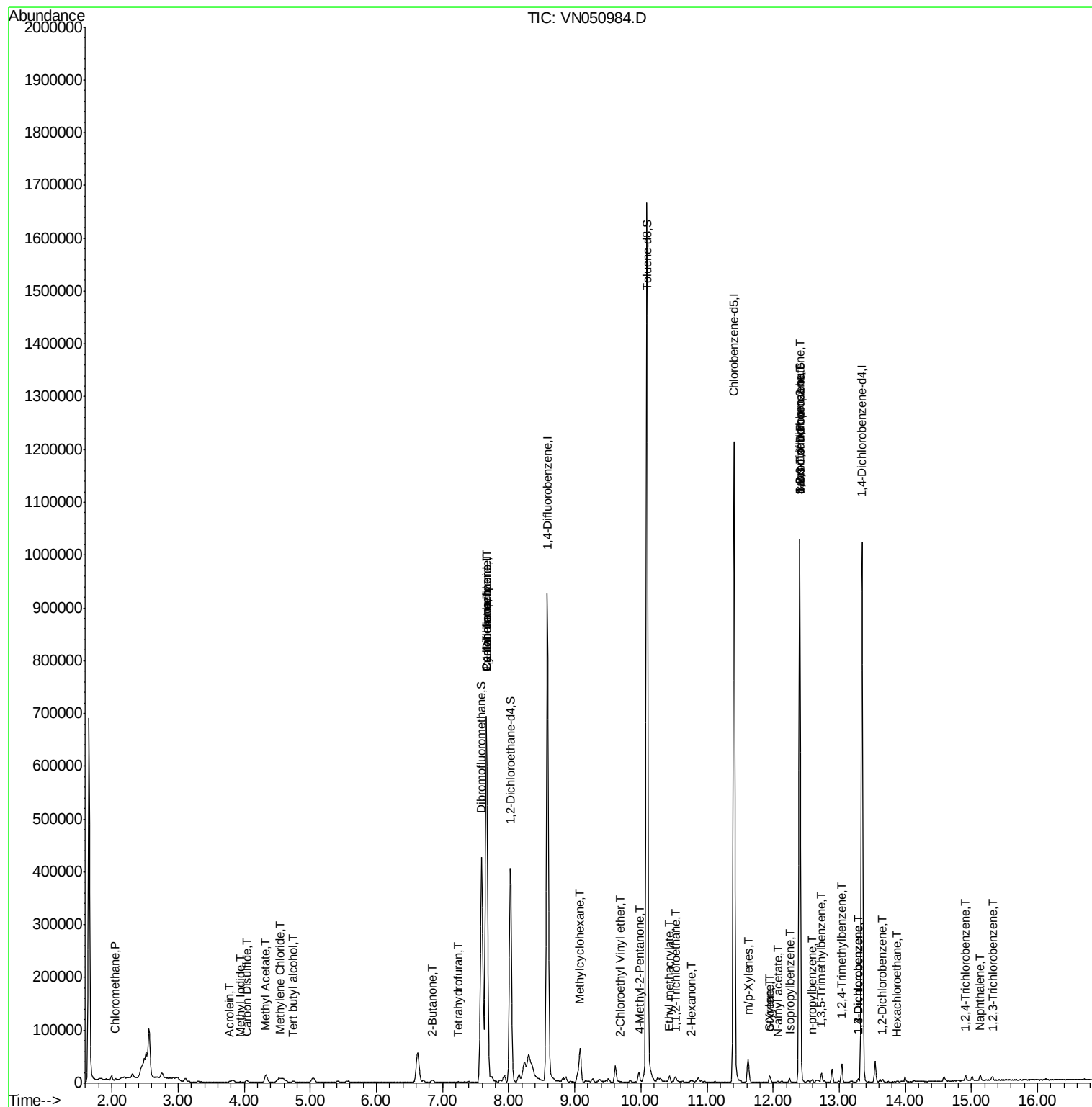
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.87	117	195	0.24	ug/l #	4
91) 1,2-Dichlorobenzene	13.65	146	2636	0.24	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	3543	4.66	ug/l	98
94) Hexachlorobutadiene	15.01	225	1895	Below	Cal	92
95) Naphthalene	15.13	128	8521	6.04	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	3632	3.93	ug/l	92

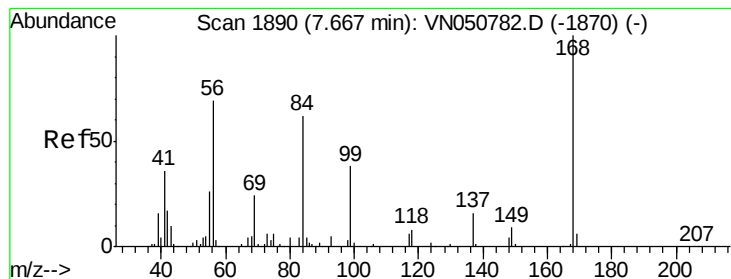
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

Instrument :

MSVOA_N

ClientSampleId :

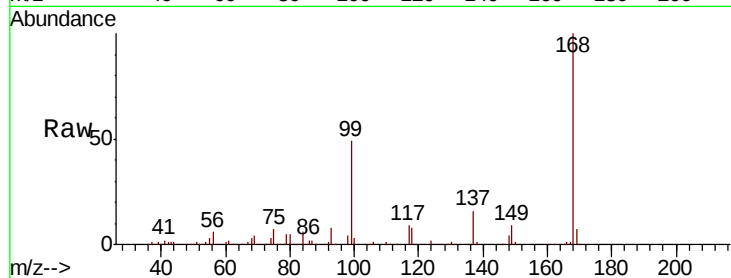
SB-1-@-8-FTME

Tot Ion:168 Resp: 566632

Ion Ratio Lower Upper

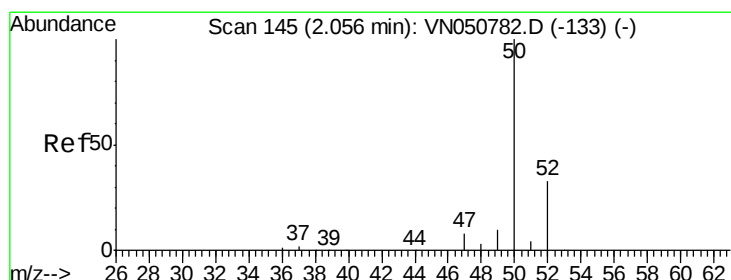
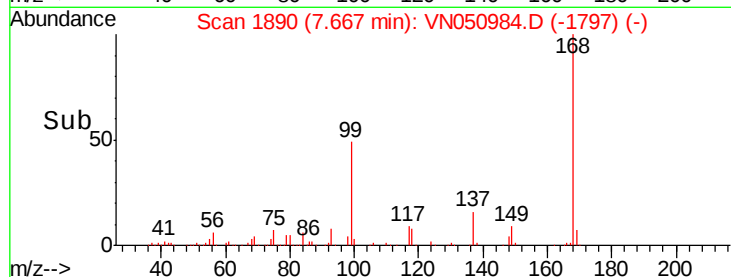
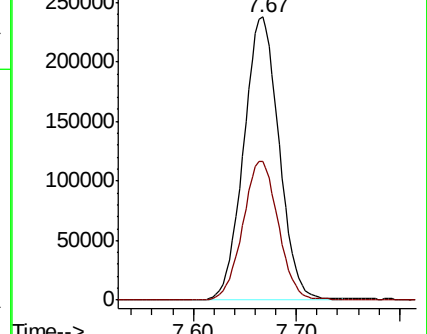
168 100

99 49.1 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.35 ug/l

RT: 2.05 min Scan# 144

Delta R.T. -0.00 min

Lab File: VN050984.D

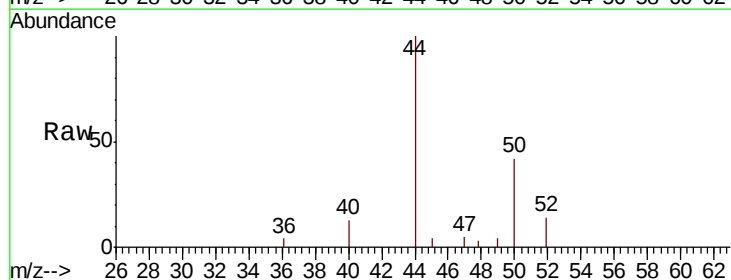
Acq: 31 Aug 2018 13:36

Tgt Ion: 50 Resp: 3260

Ion Ratio Lower Upper

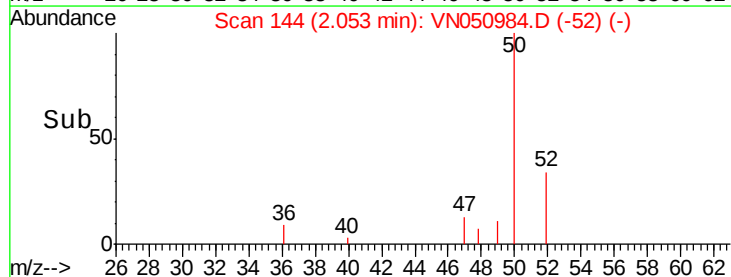
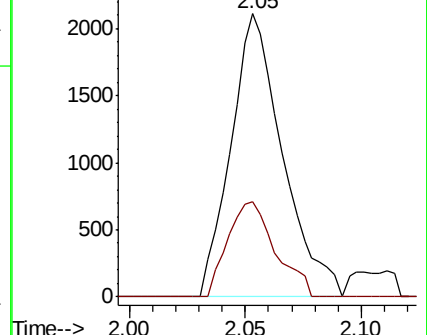
50 100

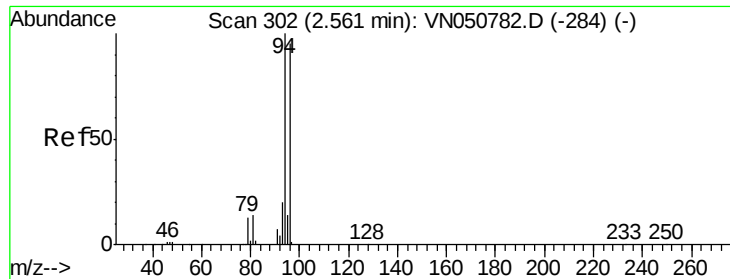
52 33.8 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0





#5

Bromomethane

Concen: Below Cal

RT: 2.51 min Scan# 287

Delta R.T. -0.05 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

Instrument :

MSVOA_N

ClientSampleId :

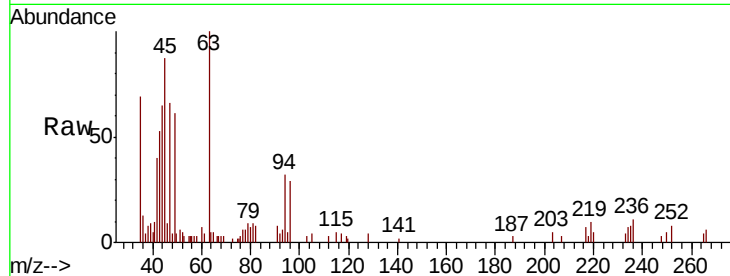
SB-1-@-8-FTME

Tot Ion: 94 Resp: 2324

Ion Ratio Lower Upper

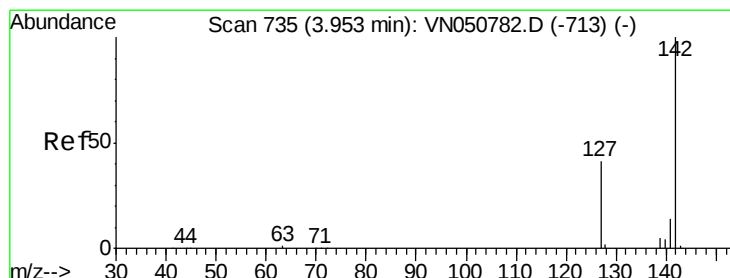
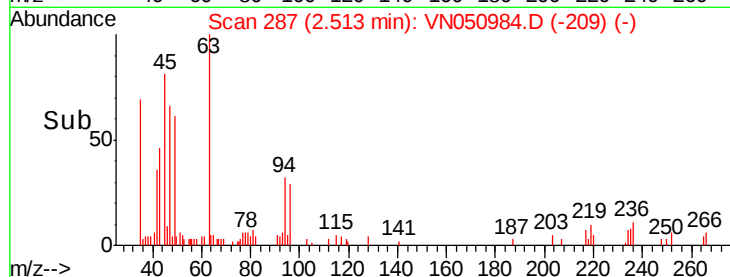
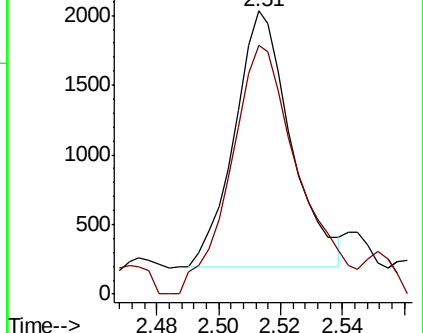
94 100

96 88.4 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN050782.D (-284) (-)

Ion 95.90 (95.60 to 96.60): VN050782.D (-284) (-)



#10

Methyl Iodide

Concen: 6.70 ug/l

RT: 3.94 min Scan# 732

Delta R.T. -0.01 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

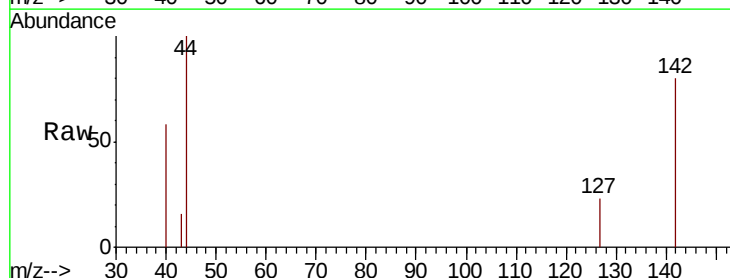
Tgt Ion: 142 Resp: 2534

Ion Ratio Lower Upper

142 100

127 13.9 31.7 47.5#

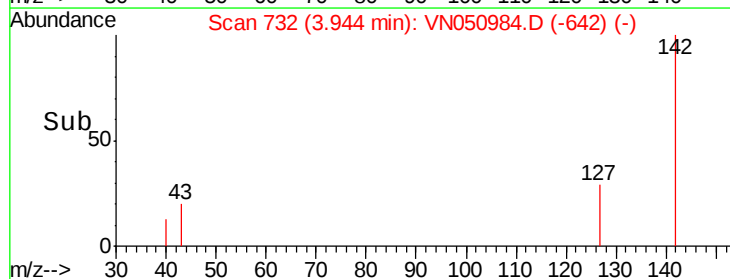
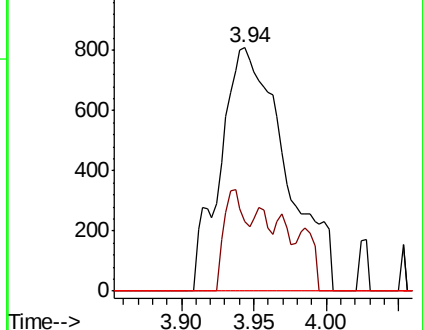
141 0.0 11.4 17.0#

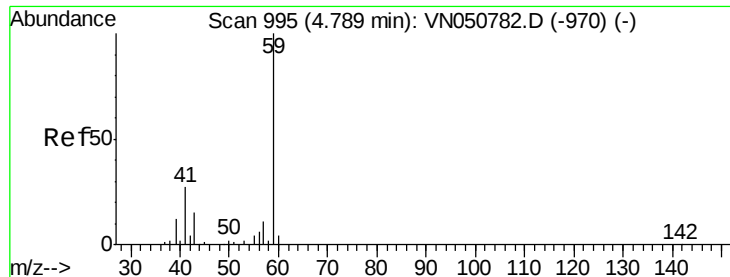


Abundance Ion 141.80 (141.50 to 142.50): VN050782.D (-713) (-)

Ion 126.80 (126.50 to 127.50): VN050782.D (-713) (-)

Ion 140.80 (140.50 to 141.50): VN050782.D (-713) (-)

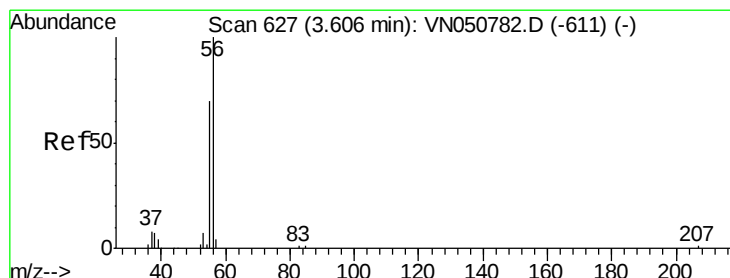
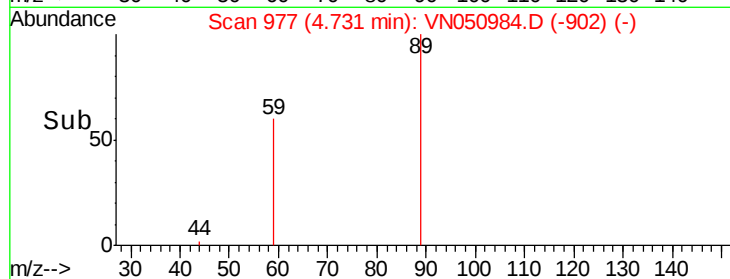
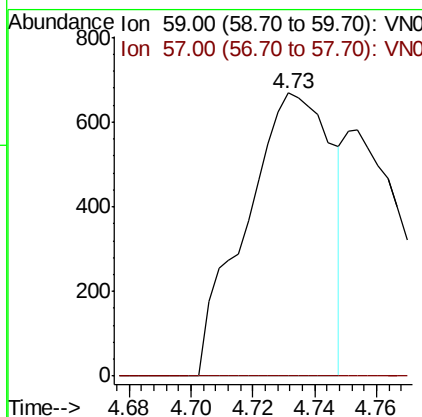
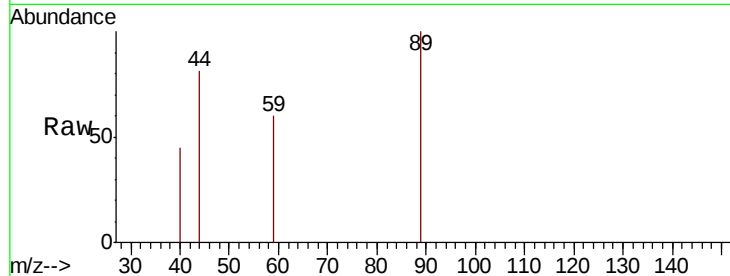




#11
Tert butyl alcohol
Concen: 2.96 ug/l
RT: 4.73 min Scan# 977
Delta R.T. -0.06 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

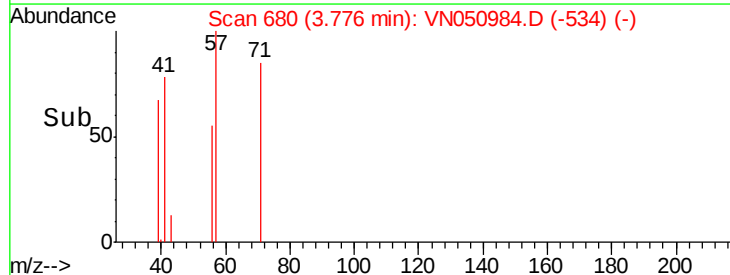
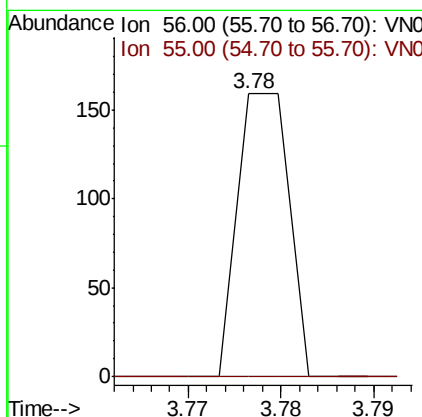
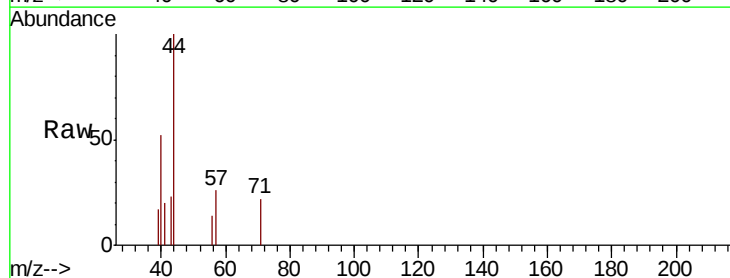
Instrument :
MSVOA_N
ClientSampleId :
SB-1-@-8-FTME

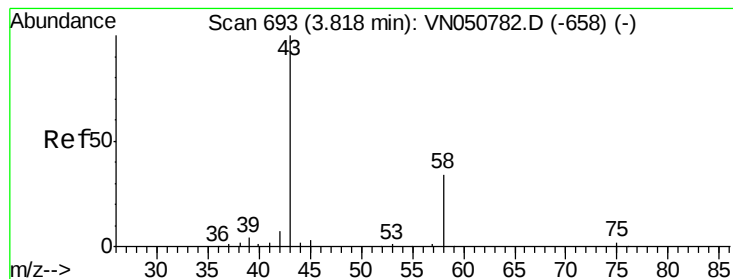
Tot Ion: 59 Resp: 1286
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 18.14 ug/l
RT: 3.78 min Scan# 680
Delta R.T. 0.17 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

Tgt Ion: 56 Resp: 61
Ion Ratio Lower Upper
56 100
55 0.0 57.7 86.5#





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

Instrument :

MSVOA_N

ClientSampleId :

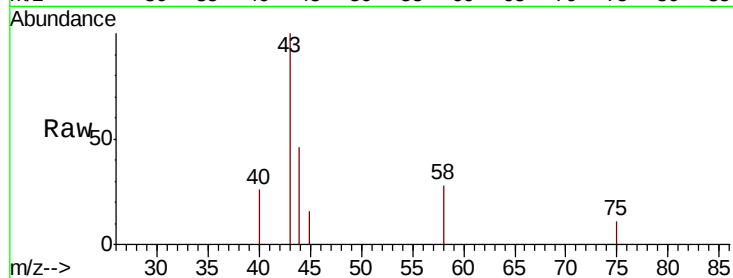
SB-1-@-8-FTME

Tot Ion: 43 Resp: 7622

Ion Ratio Lower Upper

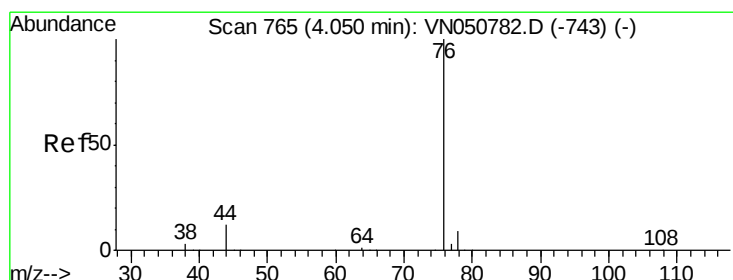
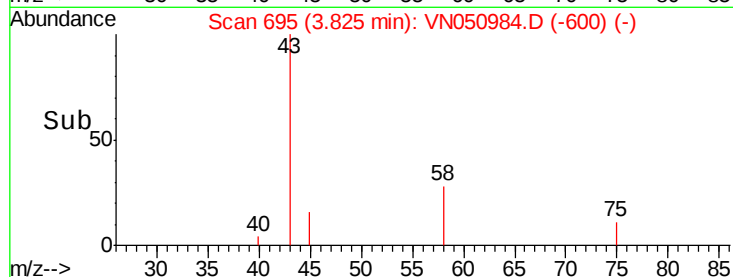
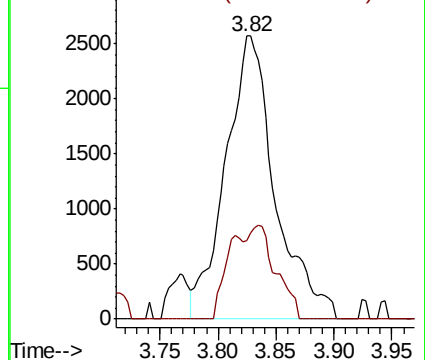
43 100

58 27.8 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.35 ug/l

RT: 4.04 min Scan# 761

Delta R.T. -0.01 min

Lab File: VN050984.D

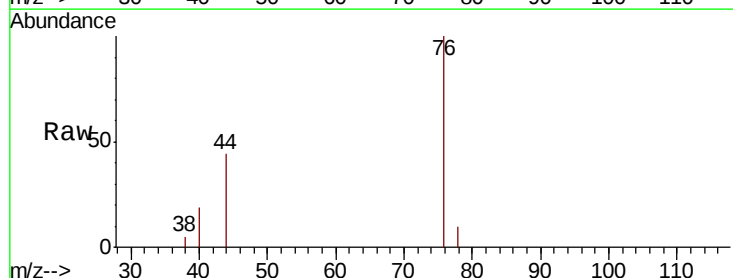
Acq: 31 Aug 2018 13:36

Tgt Ion: 76 Resp: 7552

Ion Ratio Lower Upper

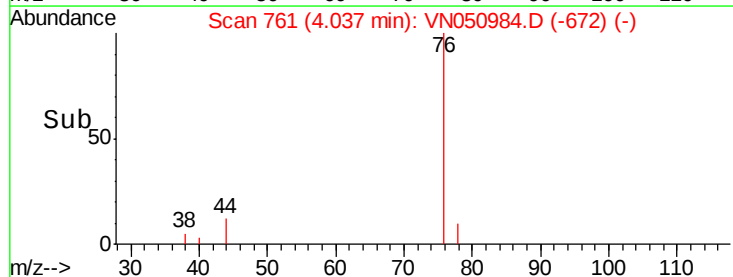
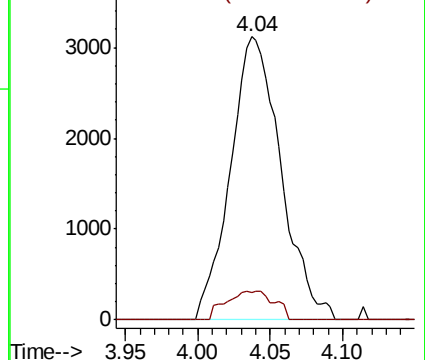
76 100

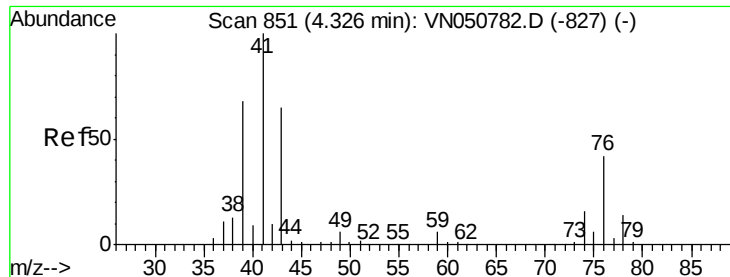
78 9.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

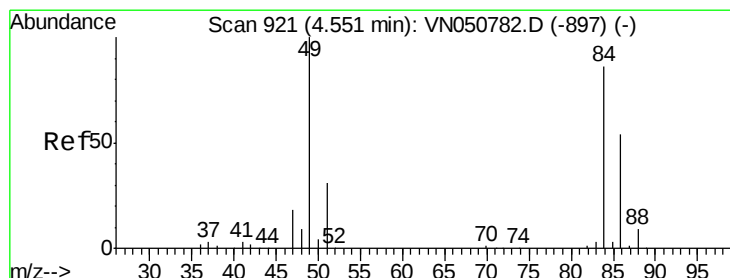
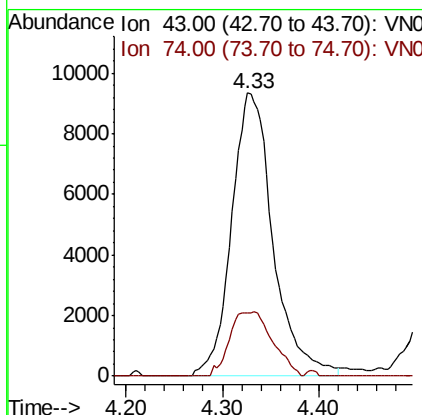
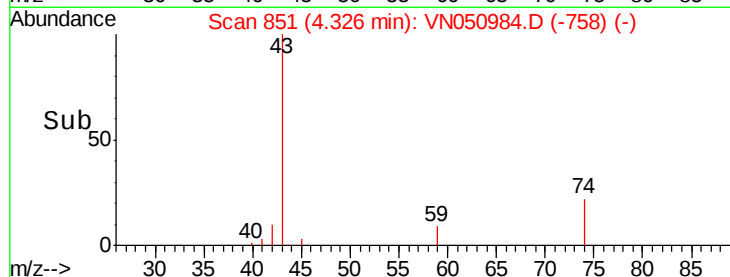
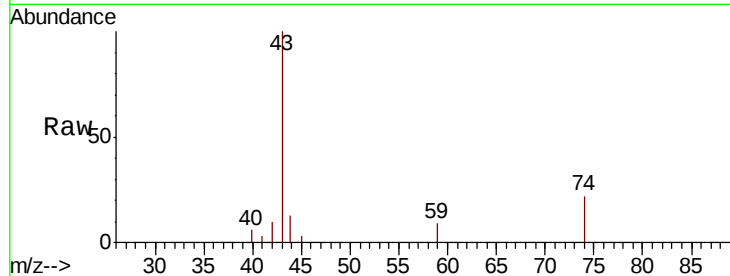




#18
Methyl Acetate
Concen: 4.33 ug/l
RT: 4.33 min Scan# 851
Delta R.T. 0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

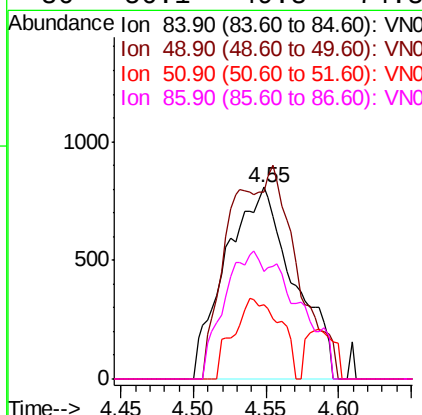
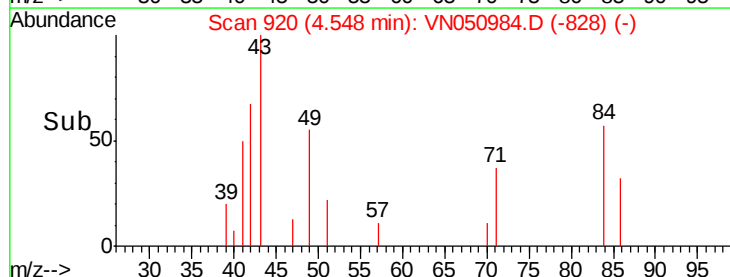
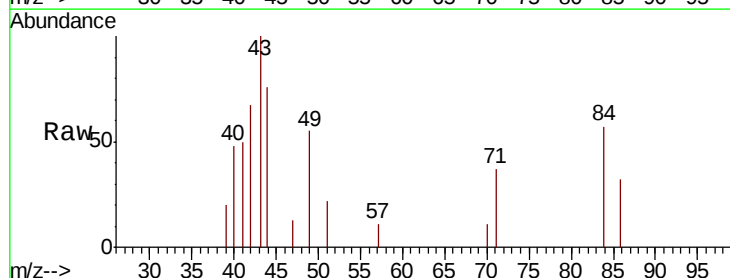
Instrument :
MSVOA_N
ClientSampled :
SB-1-@-8-FTME

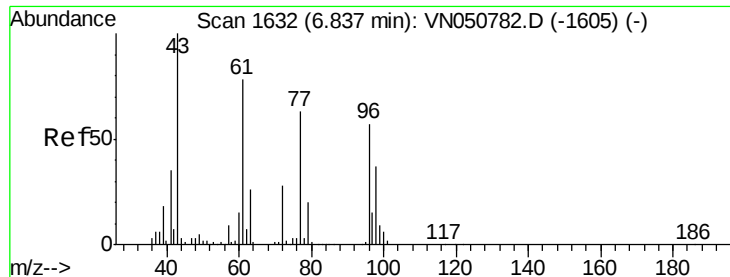
Tot Ion: 43 Resp: 27883
Ion Ratio Lower Upper
43 100
74 23.3 19.8 29.8



#20
Methylene Chloride
Concen: 0.34 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

Tgt Ion: 84 Resp: 2631
Ion Ratio Lower Upper
84 100
49 97.5 93.2 139.8
51 38.8 29.0 43.6
86 56.1 49.8 74.8





#25

2-Butanone

Concen: 0.81 ug/l

RT: 6.84 min Scan# 1634

Delta R.T. 0.01 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

Instrument :

MSVOA_N

ClientSampleId :

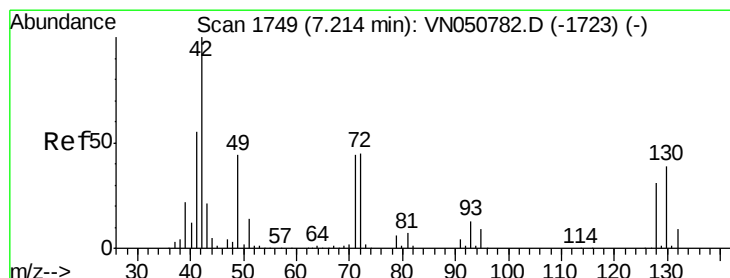
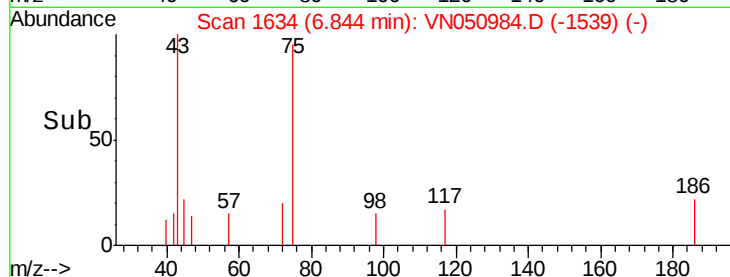
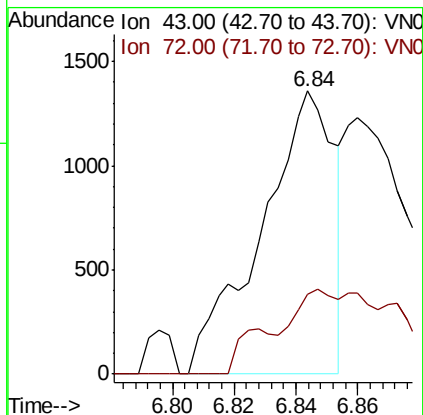
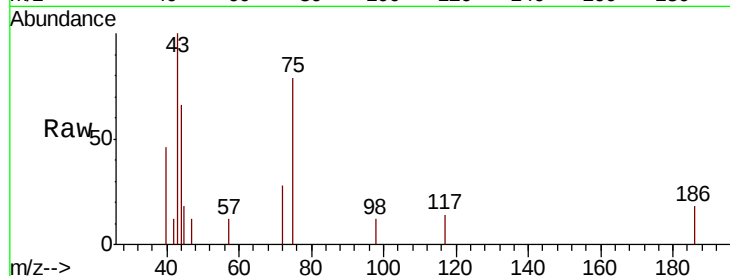
SB-1-@-8-FTME

Tot Ion: 43 Resp: 2230

Ion Ratio Lower Upper

43 100

72 28.4 22.3 33.5



#29

Tetrahydrofuran

Concen: 0.65 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.01 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

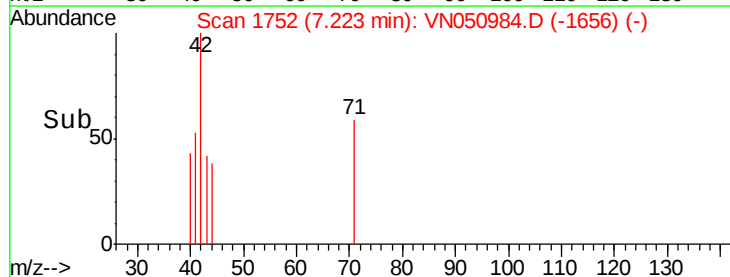
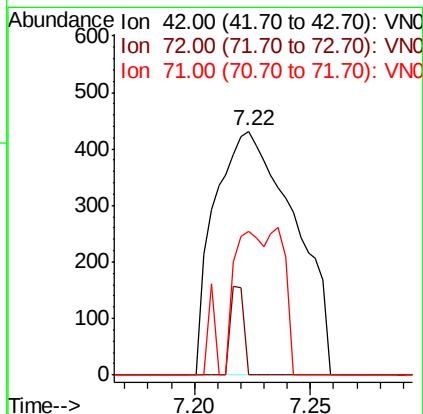
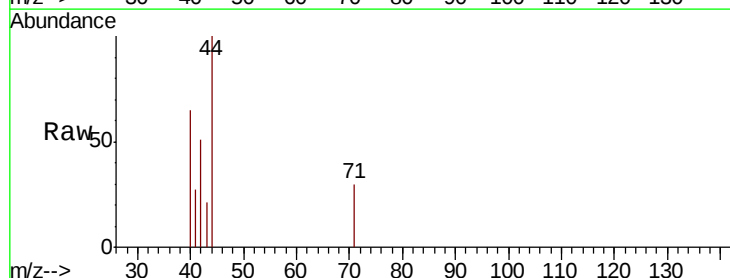
Tgt Ion: 42 Resp: 1031

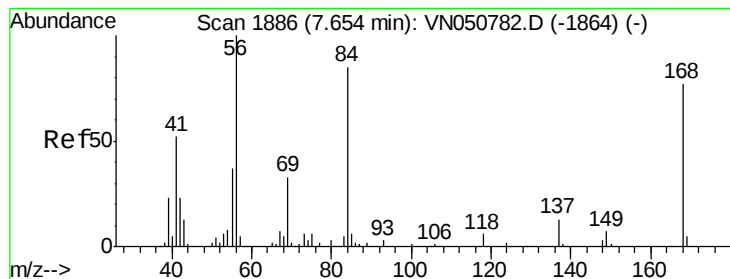
Ion Ratio Lower Upper

42 100

72 5.8 35.5 53.3#

71 21.9 33.7 50.5#





#31

Cyclohexane

Concen: 4.57 ug/l

RT: 7.66 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

Instrument :

MSVOA_N

ClientSampleId :

SB-1-@-8-FTME

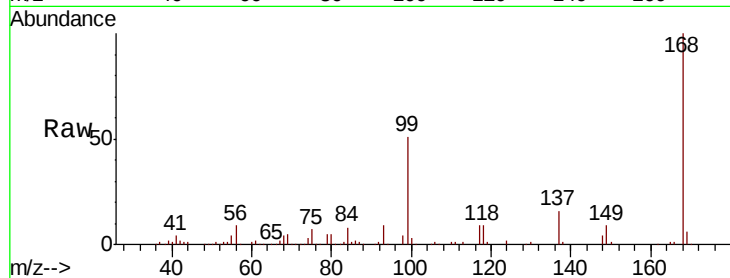
Tot Ion: 56 Resp: 47768

Ion Ratio Lower Upper

56 100

69 63.5 26.2 39.4#

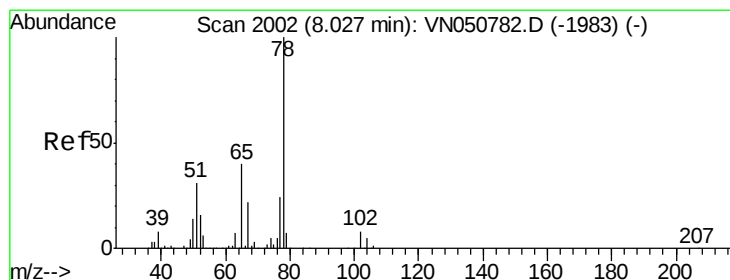
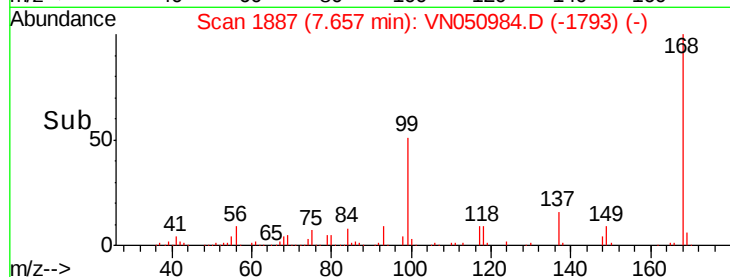
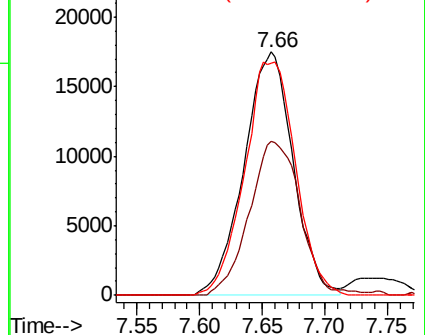
84 95.3 68.3 102.5



Abundance Ion 56.00 (55.70 to 56.70): VN050984.D (-1793) (-)

Ion 69.00 (68.70 to 69.70): VN050984.D (-1793) (-)

Ion 84.00 (83.70 to 84.70): VN050984.D (-1793) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.15 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN050984.D

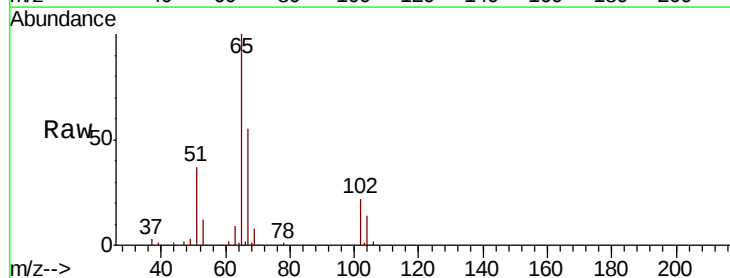
Acq: 31 Aug 2018 13:36

Tgt Ion: 65 Resp: 342087

Ion Ratio Lower Upper

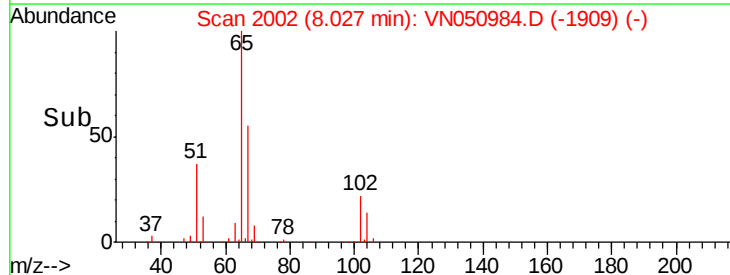
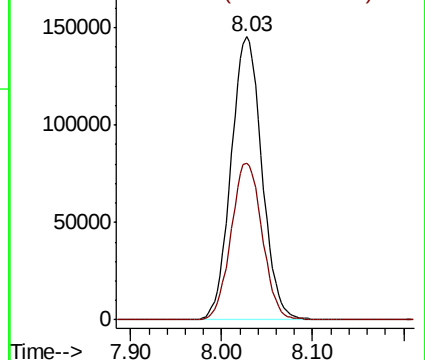
65 100

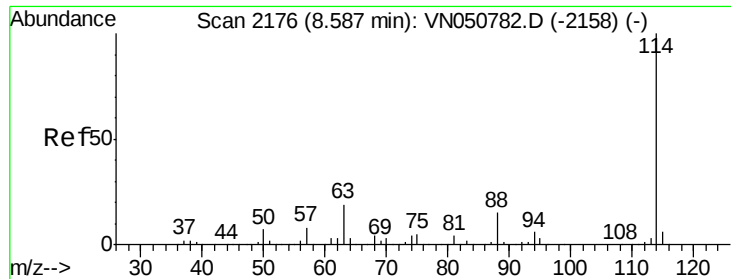
67 56.0 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN050984.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN050984.D (-1909) (-)

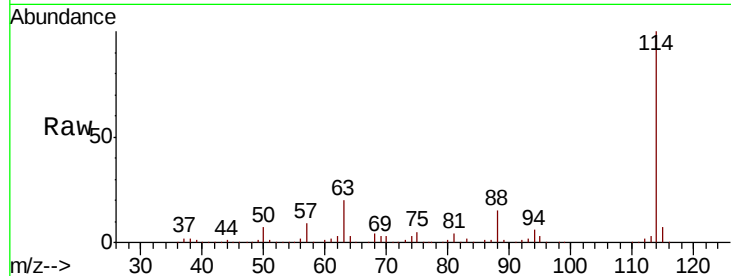




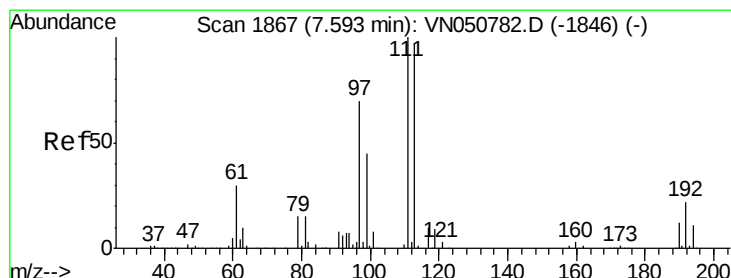
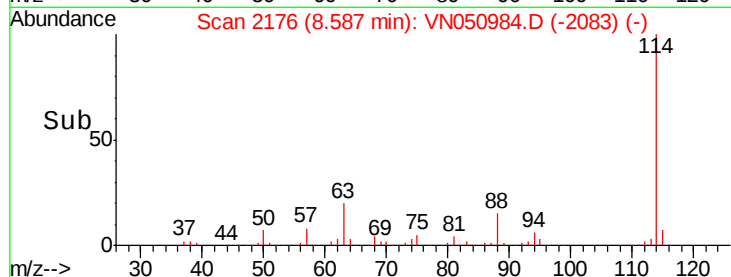
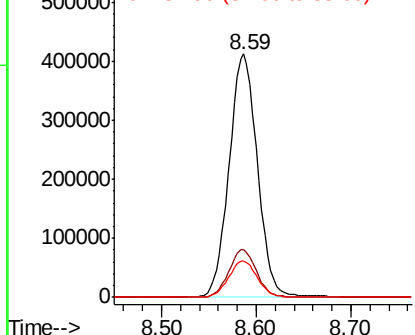
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050984.D
 Acq: 31 Aug 2018 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1-@-8-FTME

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	38.6
88	15.1	0.0	30.6

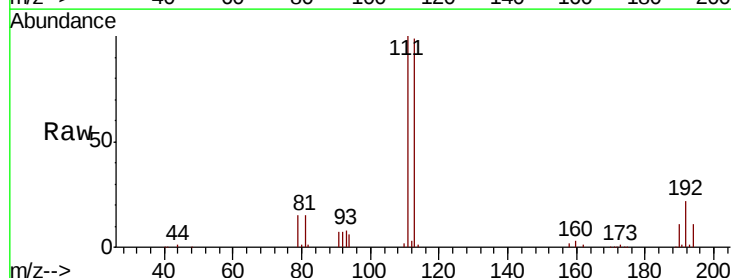


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

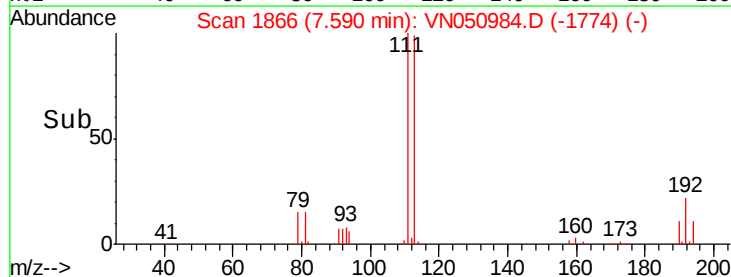
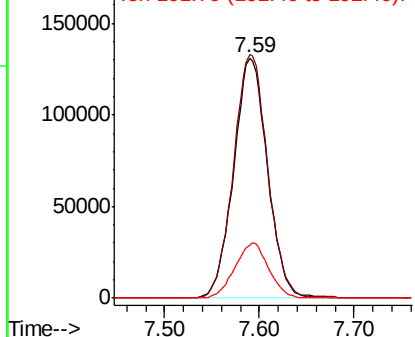


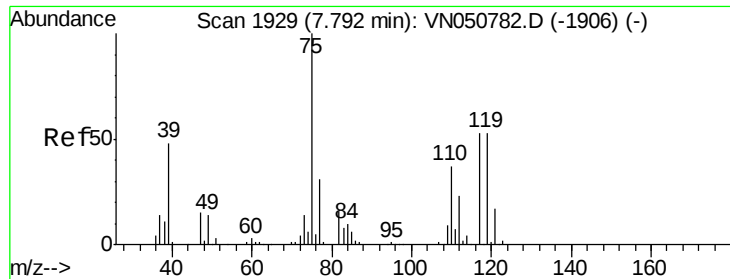
#35
 Dibromofluoromethane
 Concen: 47.64 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050984.D
 Acq: 31 Aug 2018 13:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	22.9	18.0	27.0



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

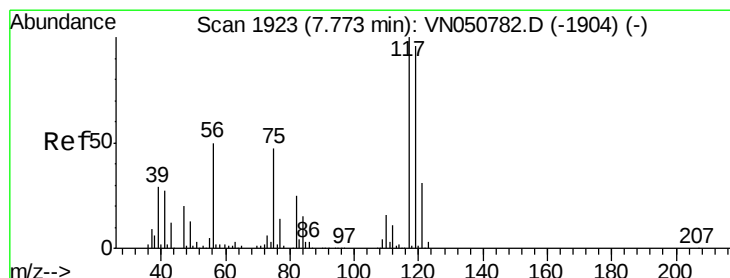
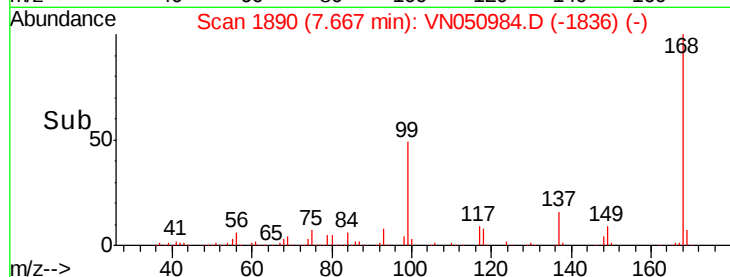
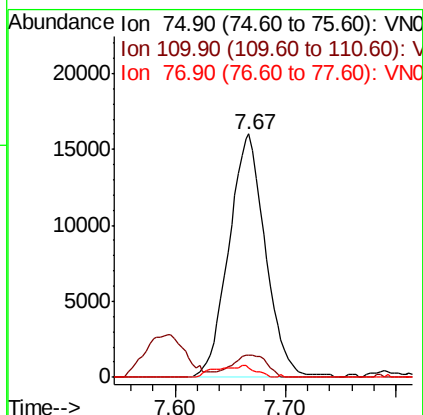
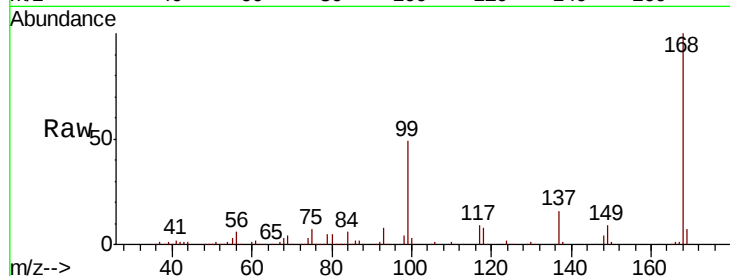




#36
 1,1-Dichloropropene
 Concen: 3.62 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050984.D
 Acq: 31 Aug 2018 13:36

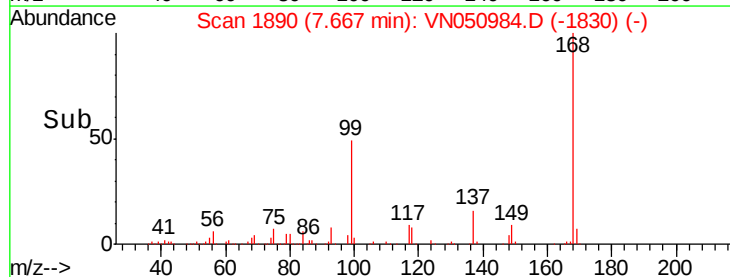
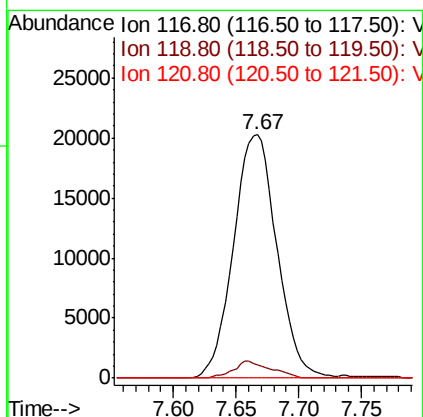
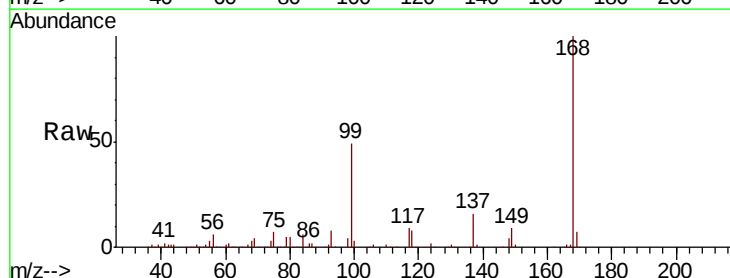
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1-@-8-FTME

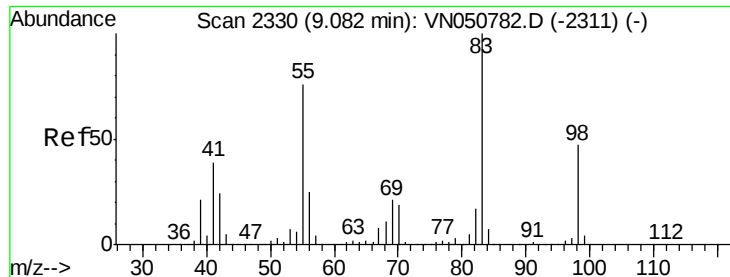
Tot Ion: 75 Resp: 36740
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.1 54.4#
 77 5.1 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 4.75 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.11 min
 Lab File: VN050984.D
 Acq: 31 Aug 2018 13:36

Tgt Ion: 117 Resp: 48672
 Ion Ratio Lower Upper
 117 100
 119 5.2 76.3 114.5#
 121 0.0 24.6 36.8#

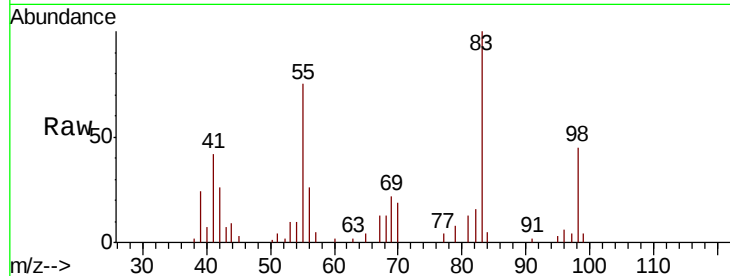




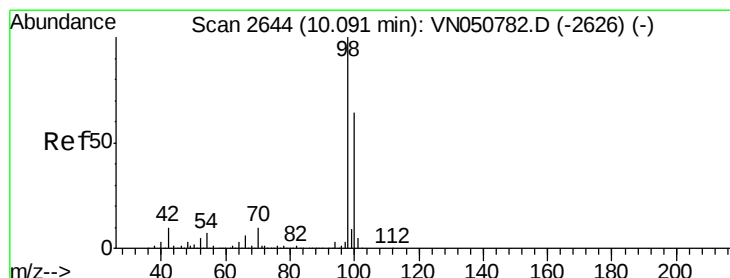
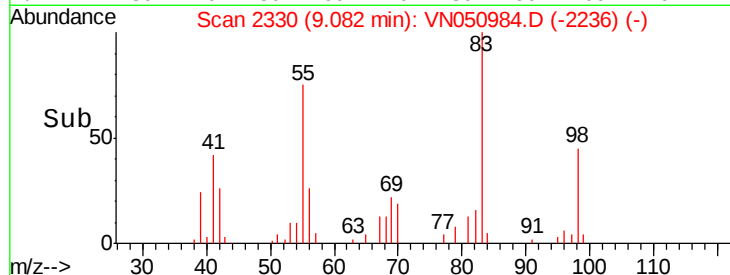
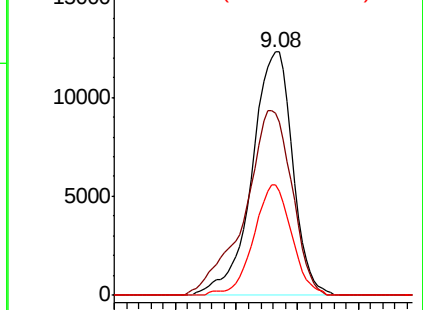
#39
Methylcyclohexane
Concen: 2.59 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

Instrument :
MSVOA_N
ClientSampleId :
SB-1-@-8-FTME

Tot Ion: 83 Resp: 28411
Ion Ratio Lower Upper
83 100
55 74.8 61.0 91.4
98 45.4 37.5 56.3

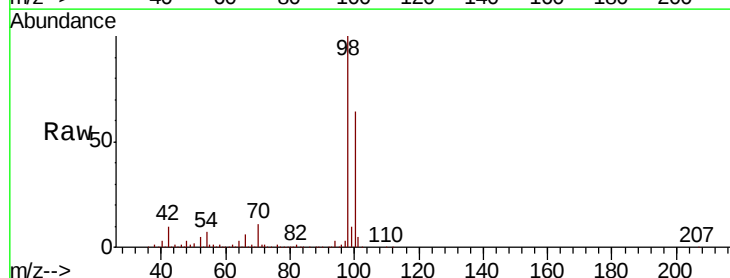


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

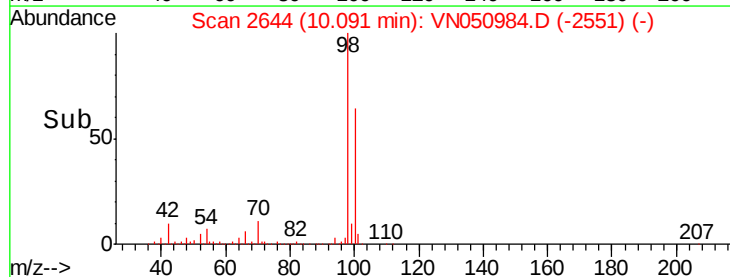
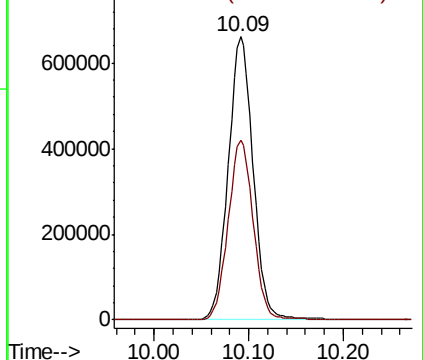


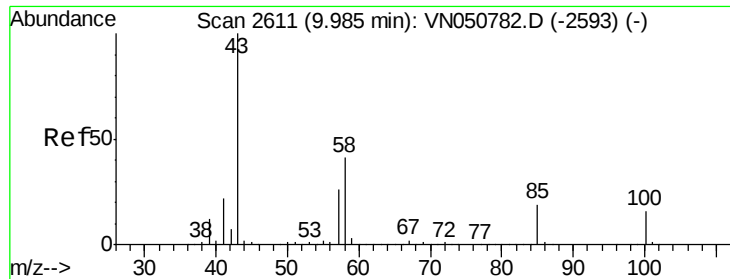
#50
Toluene-d8
Concen: 47.36 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

Tgt Ion: 98 Resp: 1210968
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



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





#51

4-Methyl-2-Pentanone

Concen: 0.22 ug/l

RT: 9.99 min Scan# 2614

Delta R.T. 0.01 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

Instrument :

MSVOA_N

ClientSampleId :

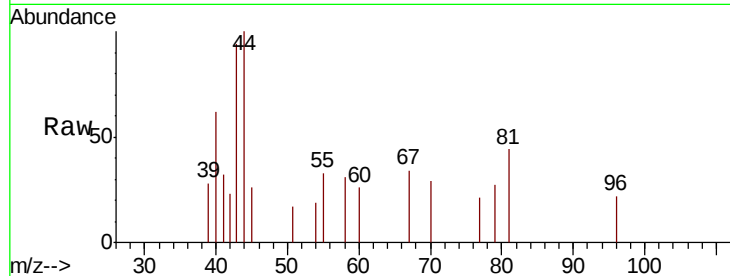
SB-1-@-8-FTME

Tot Ion: 43 Resp: 1331

Ion Ratio Lower Upper

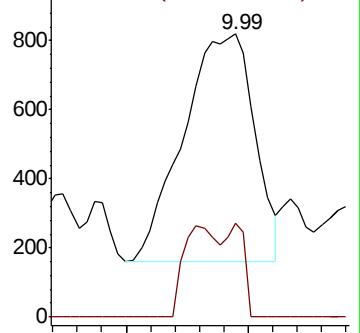
43 100

58 0.0 32.4 48.6#

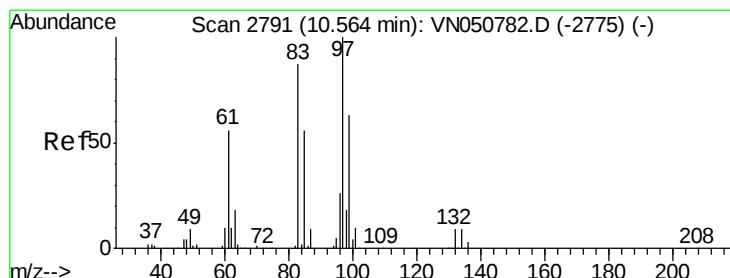
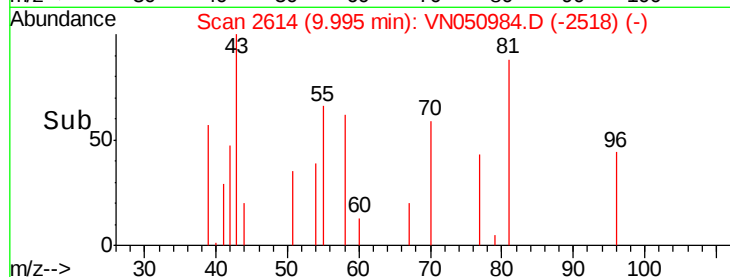


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#55

1,1,2-Trichloroethane

Concen: 0.32 ug/l

RT: 10.54 min Scan# 2782

Delta R.T. -0.03 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

Tgt Ion: 97 Resp: 2130

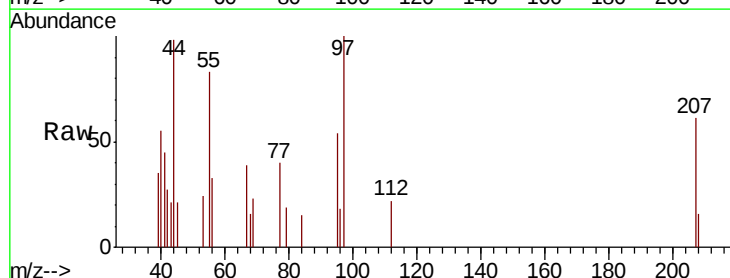
Ion Ratio Lower Upper

97 100

83 0.0 69.7 104.5#

85 0.0 44.5 66.7#

99 0.0 50.7 76.1#

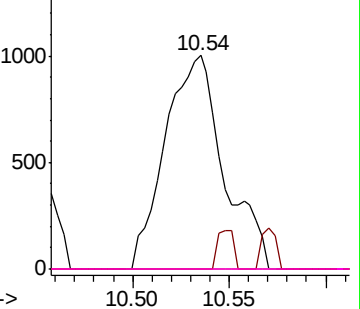


Abundance Ion 96.90 (96.60 to 97.60): VN0

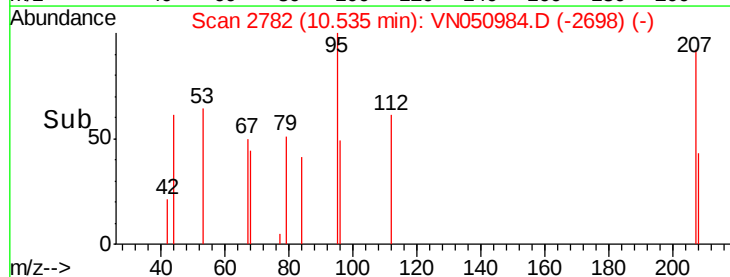
Ion 82.90 (82.60 to 83.60): VN0

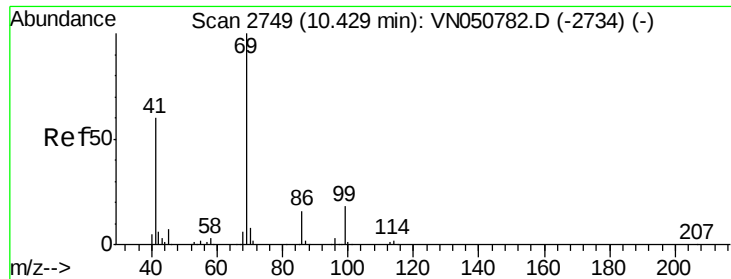
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



Time-->





#56

Ethyl methacrylate

Concen: 2.50 ug/l

RT: 10.43 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

Instrument :

MSVOA_N

ClientSampleId :

SB-1-@-8-FTME

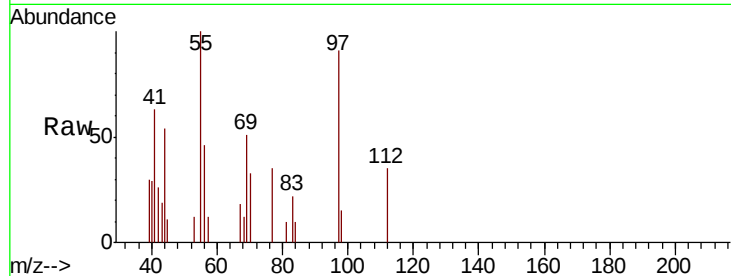
Tot Ion: 69 Resp: 1390

Ion Ratio Lower Upper

69 100

41 148.3 48.3 72.5#

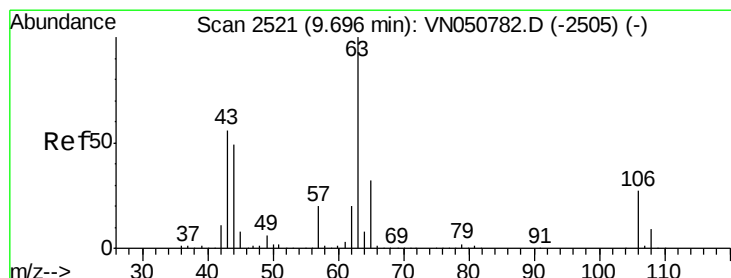
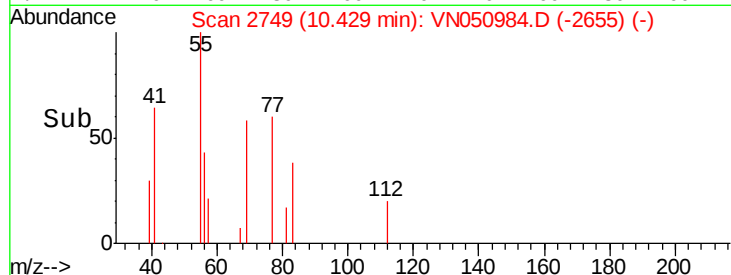
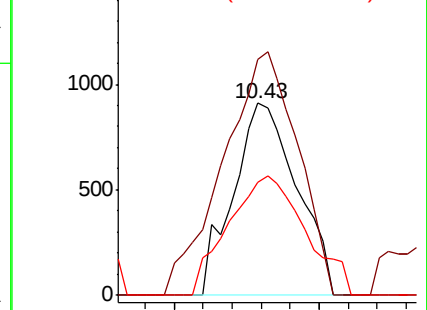
39 75.5 24.0 36.0#



Abundance Ion 69.00 (68.70 to 69.70): VN050984.D (-2734) (-)

Ion 41.00 (40.70 to 41.70): VN050984.D (-2734) (-)

Ion 39.00 (38.70 to 39.70): VN050984.D (-2734) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 12.26 ug/l

RT: 9.69 min Scan# 2520

Delta R.T. -0.00 min

Lab File: VN050984.D

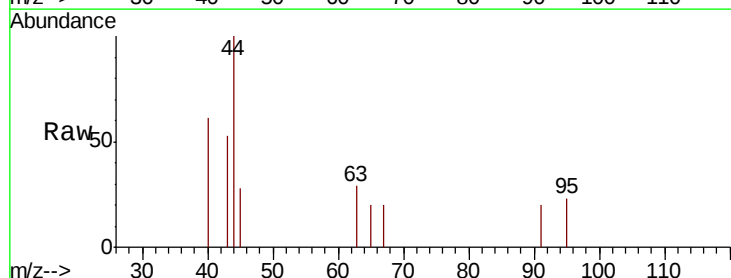
Acq: 31 Aug 2018 13:36

Tgt Ion: 63 Resp: 156

Ion Ratio Lower Upper

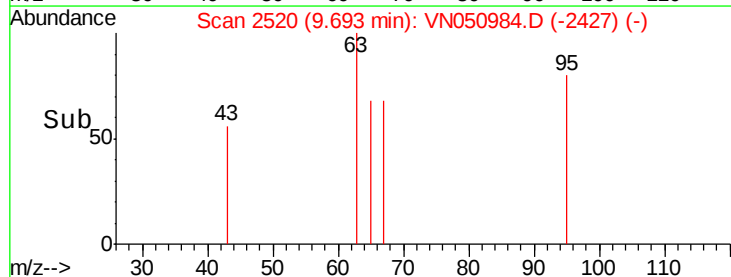
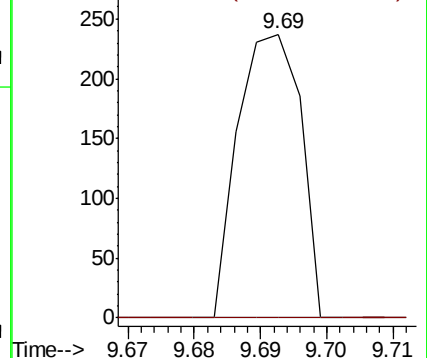
63 100

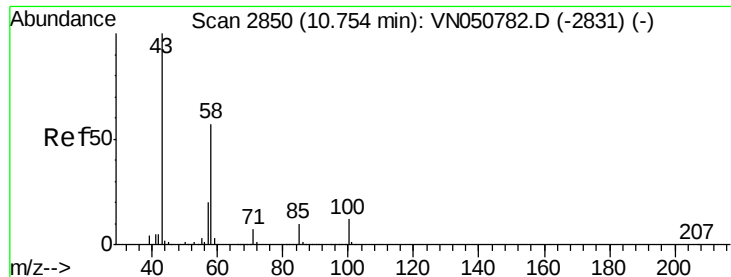
106 0.0 21.9 32.9#



Abundance Ion 62.90 (62.60 to 63.60): VN050984.D (-2427) (-)

Ion 105.90 (105.60 to 106.60): VN050984.D (-2427) (-)

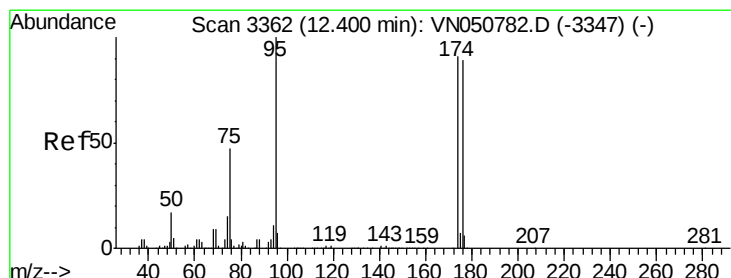
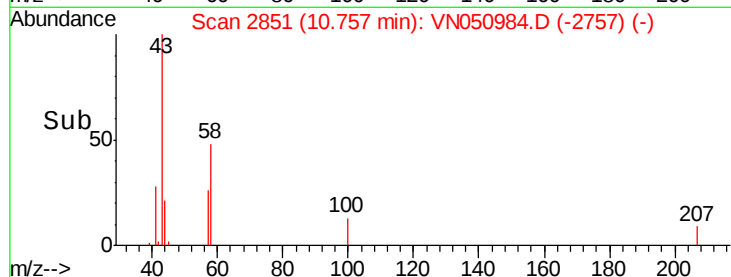
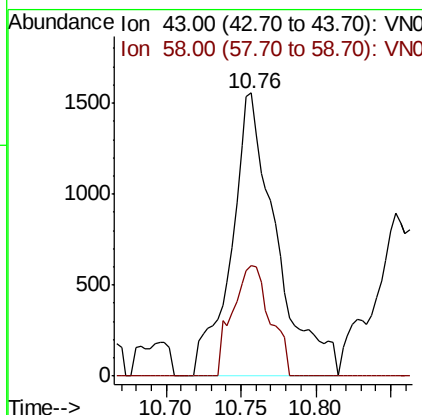
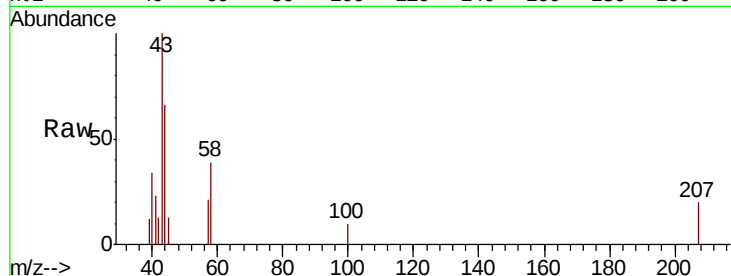




#59
2-Hexanone
Concen: 0.82 ug/l
RT: 10.76 min Scan# 2851
Delta R.T. 0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

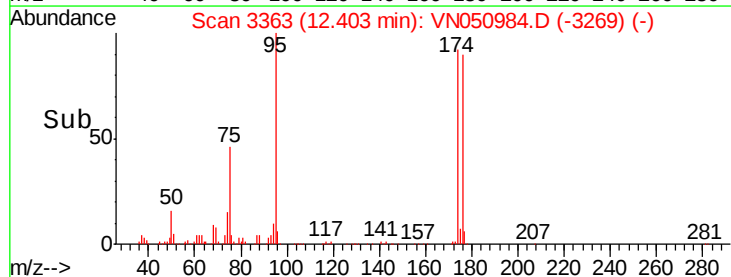
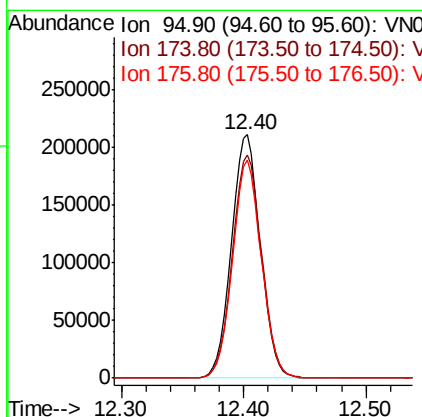
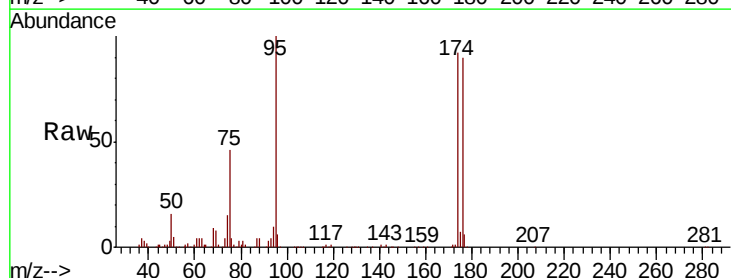
Instrument :
MSVOA_N
ClientSampleId :
SB-1-@-8-FTME

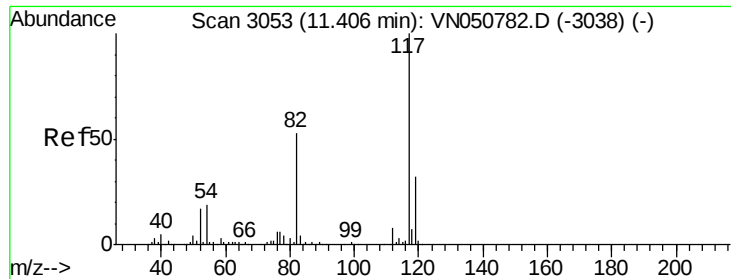
Tot Ion: 43 Resp: 3265
Ion Ratio Lower Upper
43 100
58 32.7 28.3 85.0



#62
4-Bromofluorobenzene
Concen: 41.04 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

Tgt Ion: 95 Resp: 348680
Ion Ratio Lower Upper
95 100
174 92.7 0.0 183.0
176 88.9 0.0 178.8

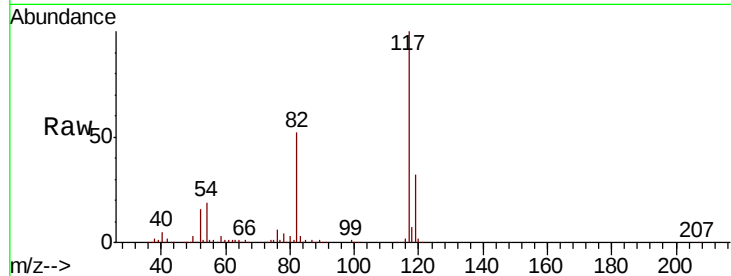




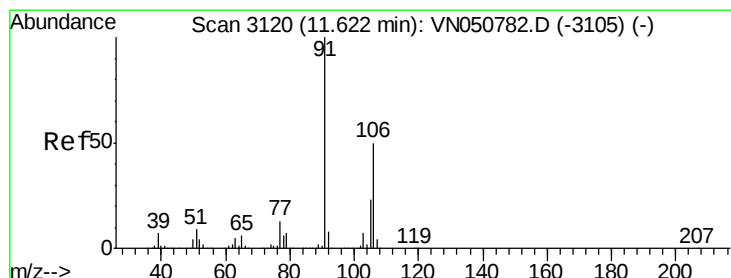
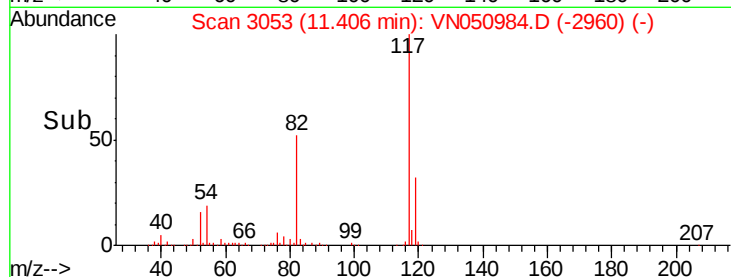
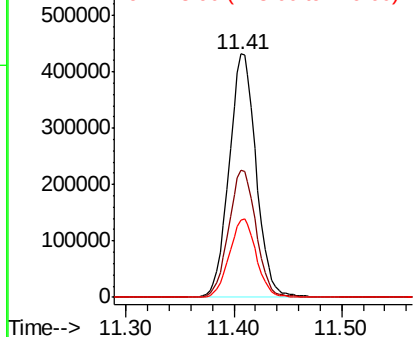
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

Instrument :
MSVOA_N
ClientSampleId :
SB-1-@-8-FTME

Tot Ion:117 Resp: 753991
Ion Ratio Lower Upper
117 100
82 52.4 42.6 64.0
119 31.6 25.8 38.6

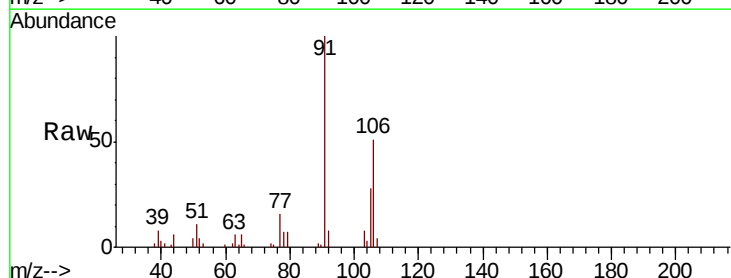


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

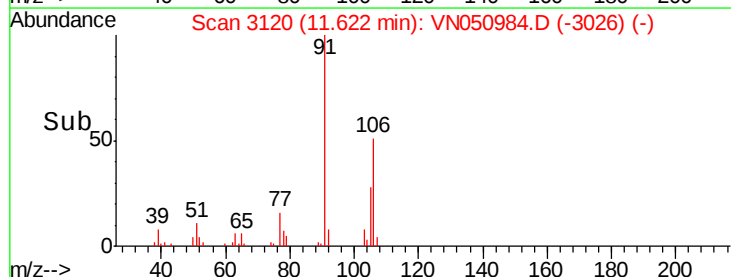
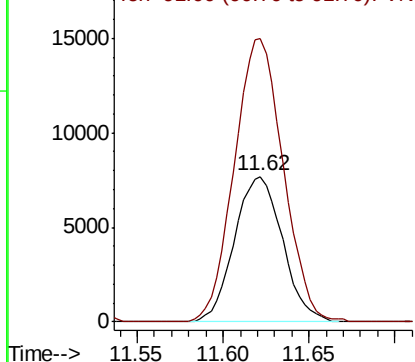


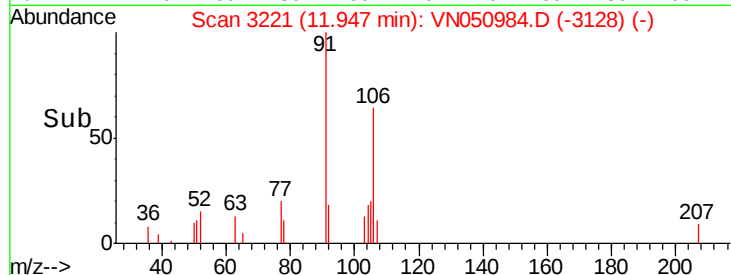
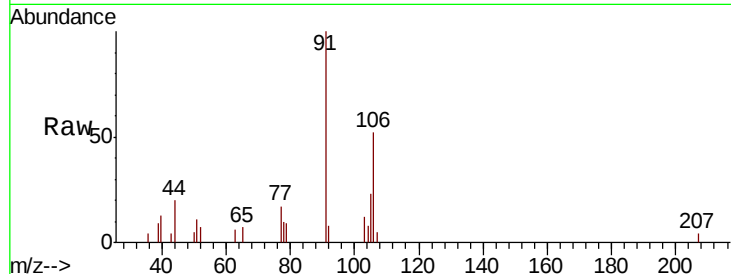
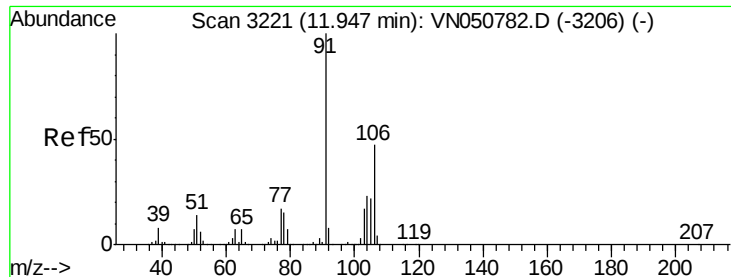
#68
m/p-Xylenes
Concen: 1.22 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

Tgt Ion:106 Resp: 14888
Ion Ratio Lower Upper
106 100
91 198.5 161.0 241.6



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

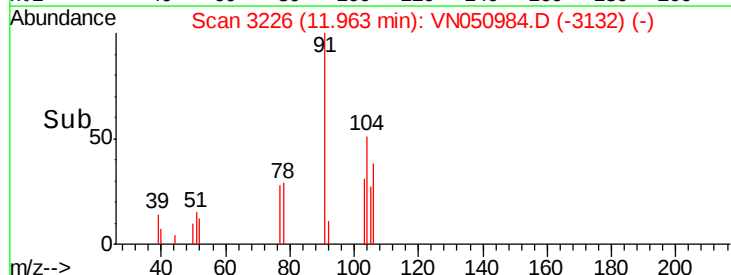
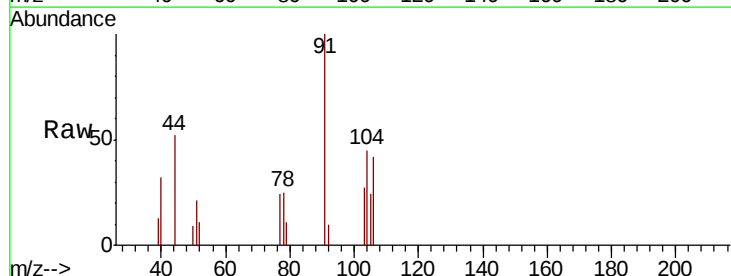
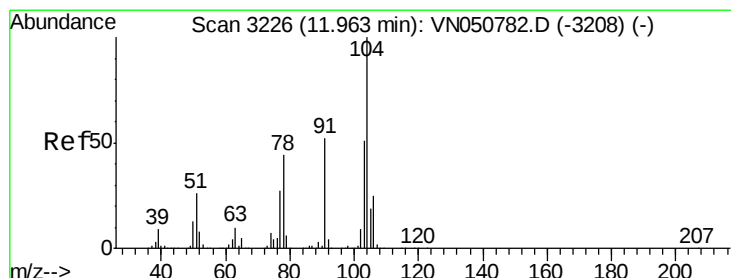
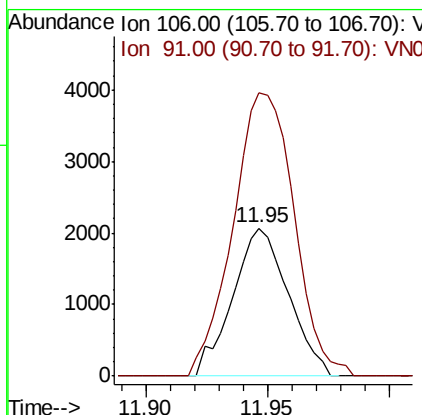




#69
o-Xylene
Concen: 0.28 ug/l
RT: 11.95 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

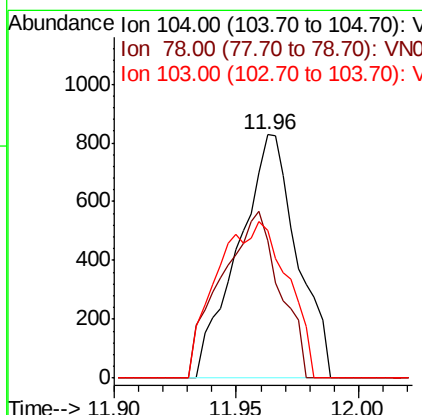
Instrument :
MSVOA_N
ClientSampled :
SB-1-@-8-FTME

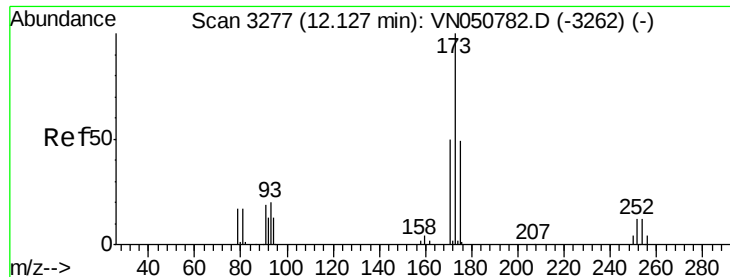
Tot Ion:106 Resp: 3272
Ion Ratio Lower Upper
106 100
91 210.5 106.5 319.5



#70
Styrene
Concen: 1.34 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

Tgt Ion:104 Resp: 1376
Ion Ratio Lower Upper
104 100
78 68.6 38.2 57.4#
103 78.3 44.4 66.6#

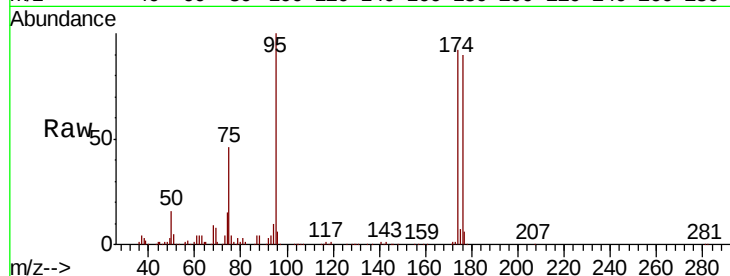




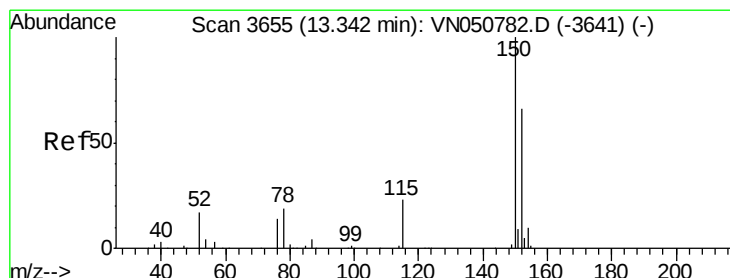
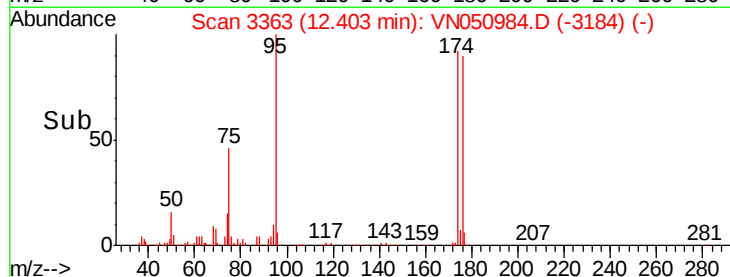
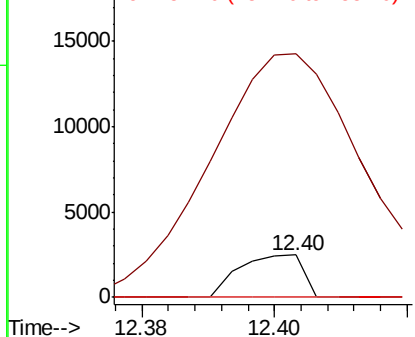
#71
Bromoform
Concen: 0.33 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.28 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

Instrument :
MSVOA_N
ClientSampleId :
SB-1-@-8-FTME

Tot Ion:173 Resp: 1648
Ion Ratio Lower Upper
173 100
175 1226.3 24.4 73.4#
254 0.0 0.1 0.1#

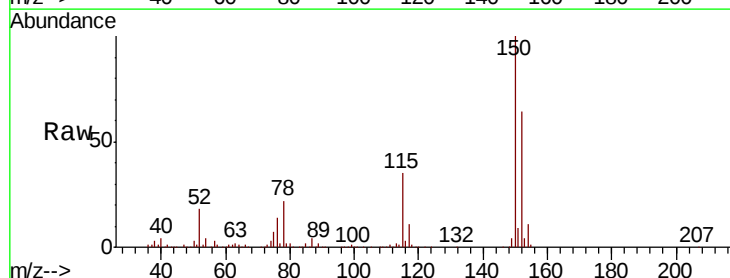


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

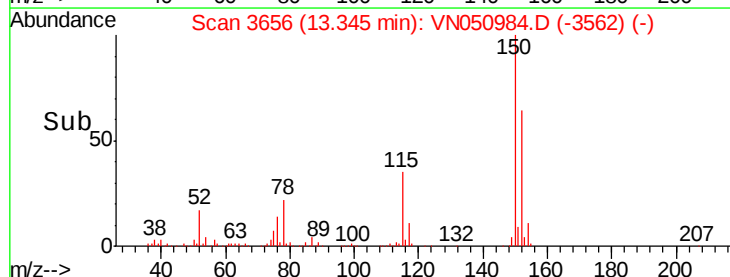
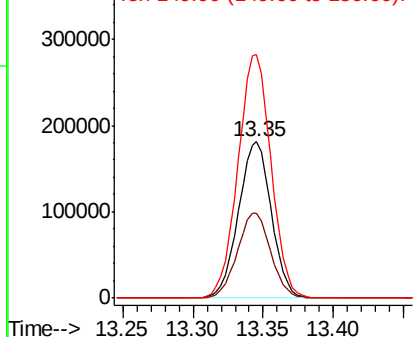


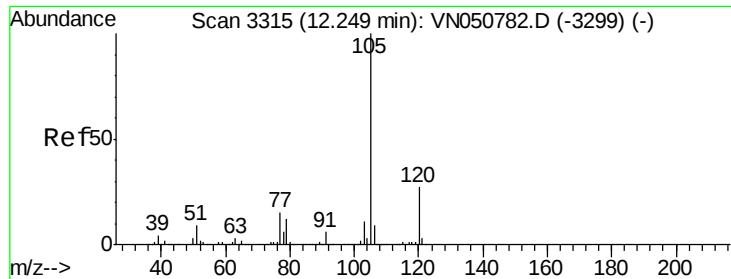
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

Tgt Ion:152 Resp: 296225
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.4
150 156.5 0.0 351.4



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: 0.22 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

Instrument :

MSVOA_N

ClientSampleId :

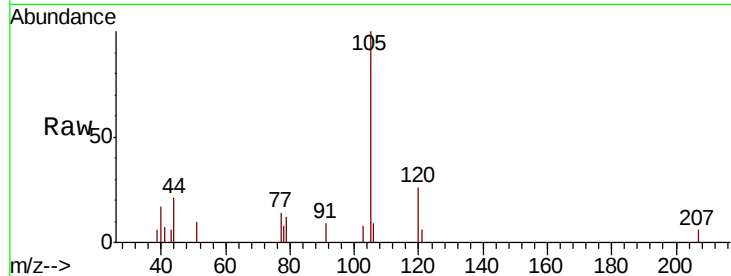
SB-1-@-8-FTME

Tot Ion:105 Resp: 5430

Ion Ratio Lower Upper

105 100

120 25.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

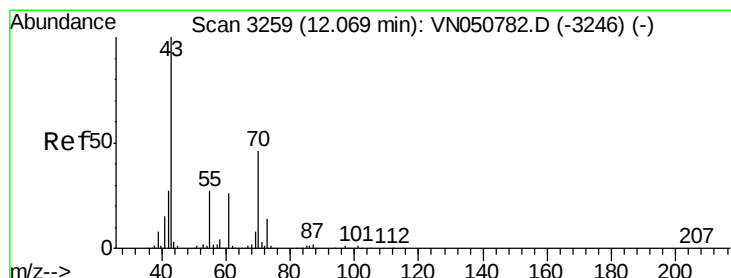
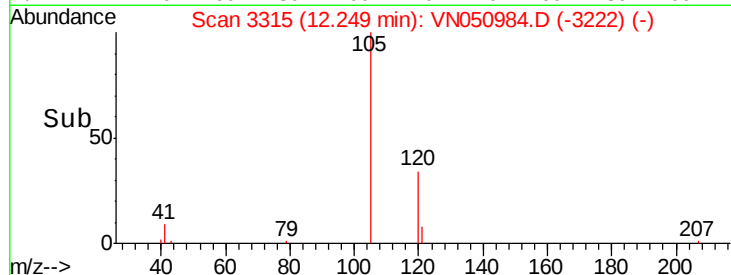
3000

2000

1000

0

Time-->



#74

N-ethyl acetate

Concen: 0.22 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

Tgt Ion: 43 Resp: 1377

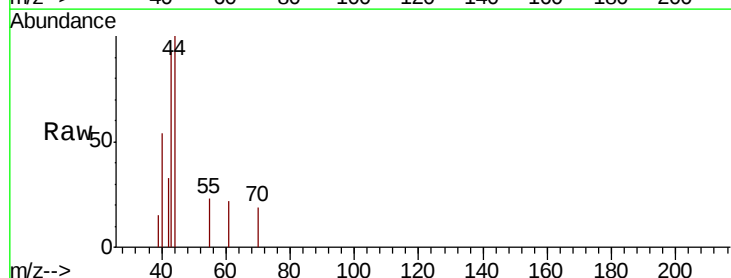
Ion Ratio Lower Upper

43 100

70 23.3 36.2 54.2#

55 20.0 21.8 32.8#

61 16.9 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

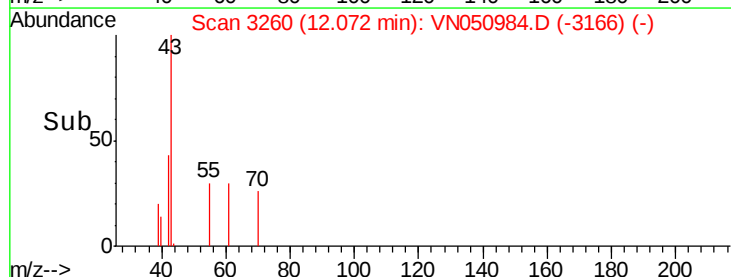
12.07

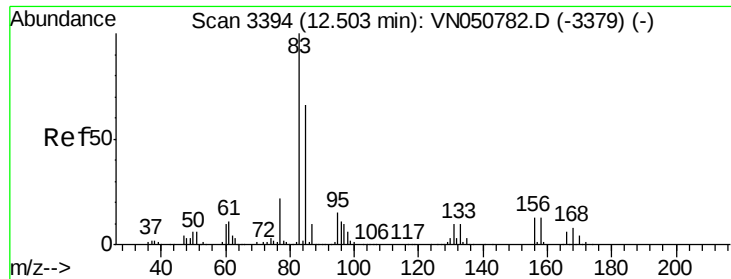
1000

500

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

Instrument :

MSVOA_N

ClientSampleId :

SB-1-@-8-FTME

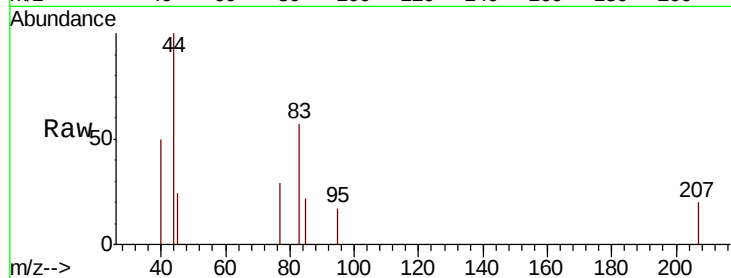
Tot Ion: 83 Resp: 617

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 37.0 31.9 95.7



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

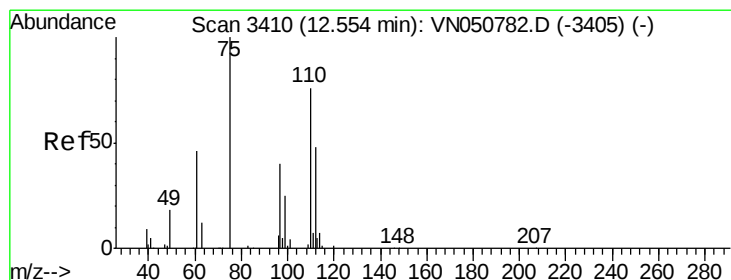
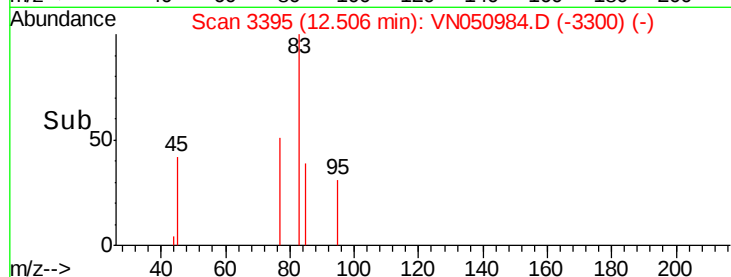
12.51

400

200

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 31.01 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. -0.15 min

Lab File: VN050984.D

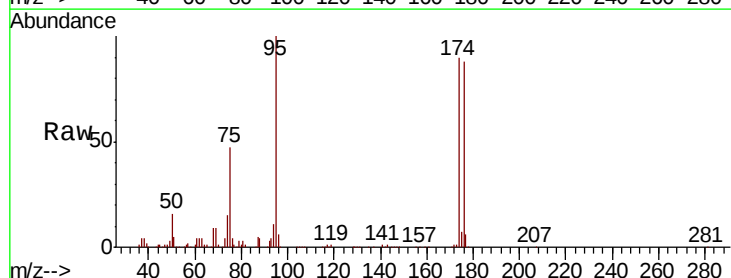
Acq: 31 Aug 2018 13:36

Tgt Ion: 75 Resp: 160870

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

100000

80000

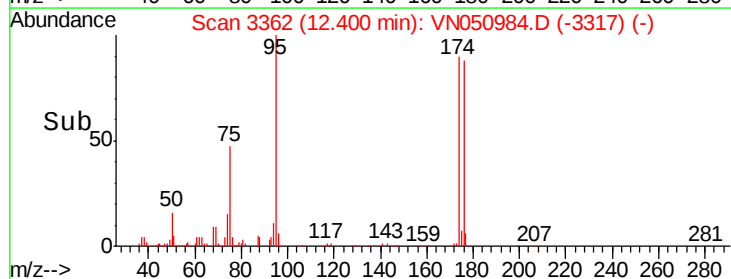
60000

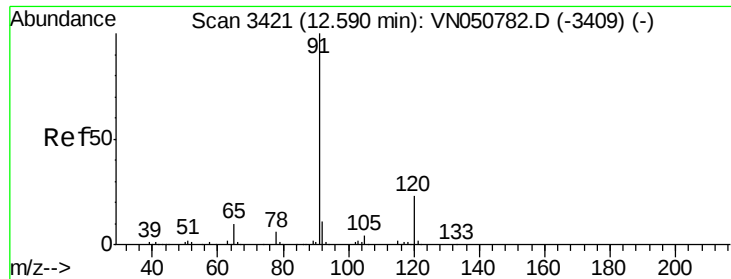
40000

20000

0

Time-->

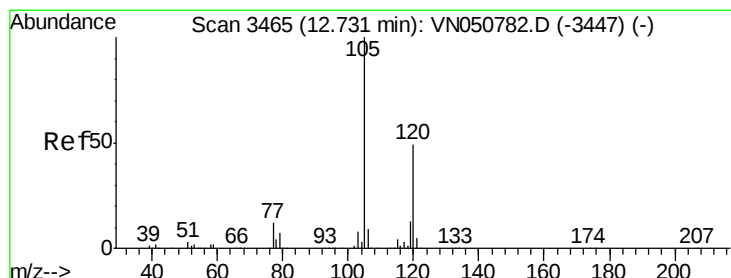
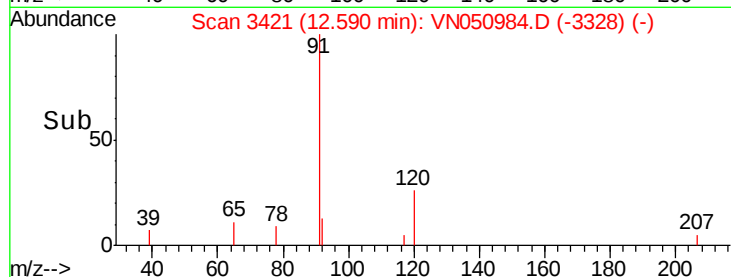
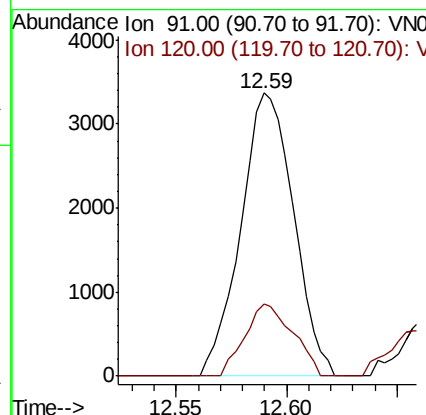
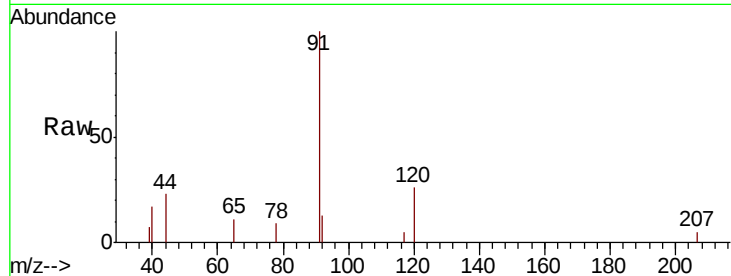




#78
n-propylbenzene
Concen: 0.20 ug/l
RT: 12.59 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

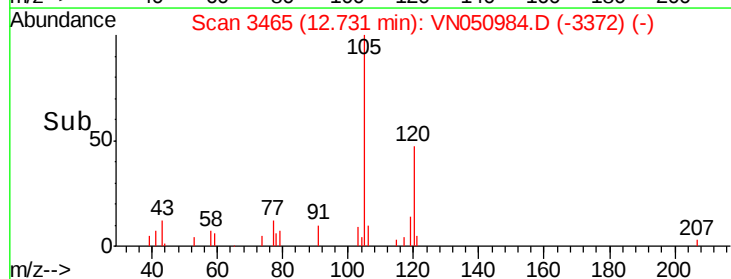
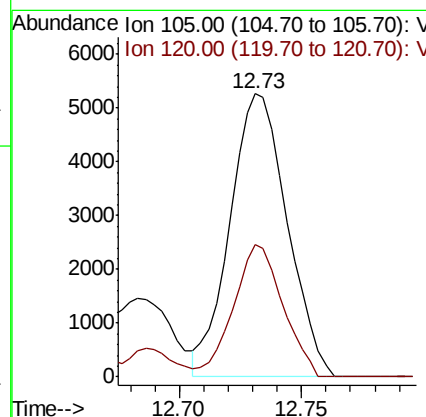
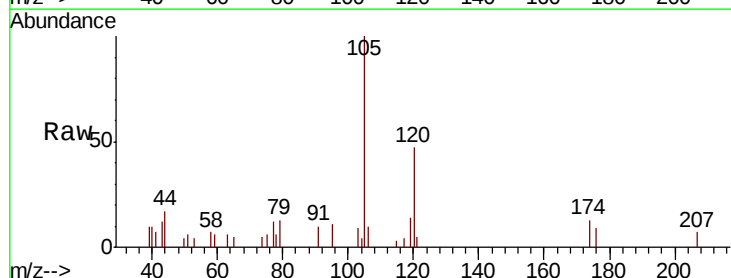
Instrument :
MSVOA_N
ClientSampleId :
SB-1-@-8-FTME

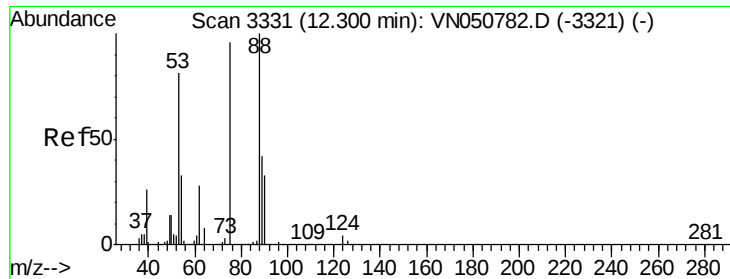
Tot Ion: 91 Resp: 5583
Ion Ratio Lower Upper
91 100
120 23.2 11.7 35.0



#80
1,3,5-Trimethylbenzene
Concen: 0.43 ug/l
RT: 12.73 min Scan# 3465
Delta R.T. 0.00 min
Lab File: VN050984.D
Acq: 31 Aug 2018 13:36

Tgt Ion: 105 Resp: 8570
Ion Ratio Lower Upper
105 100
120 40.4 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 104.82 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.10 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

Instrument :

MSVOA_N

ClientSampleId :

SB-1-@-8-FTME

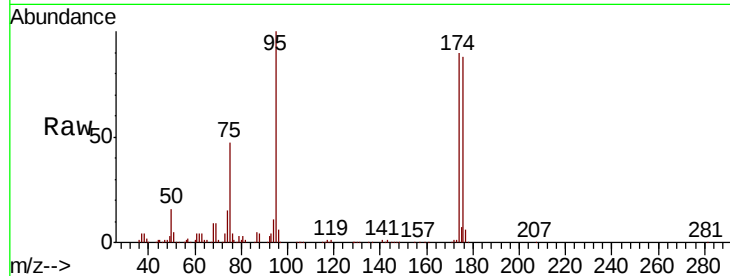
Tot Ion: 75 Resp: 160870

Ion Ratio Lower Upper

75 100

53 0.2 68.9 103.3#

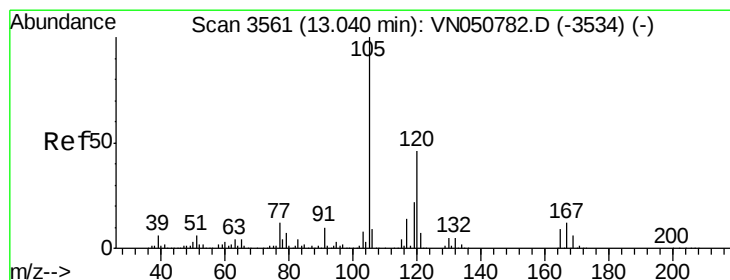
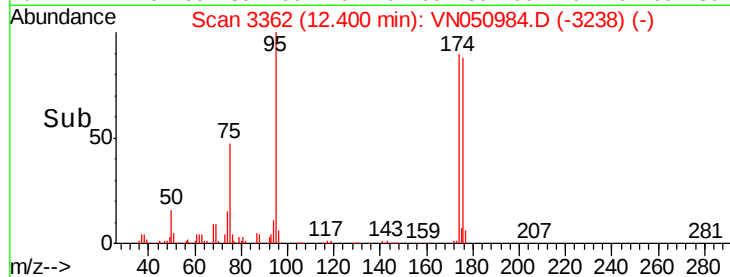
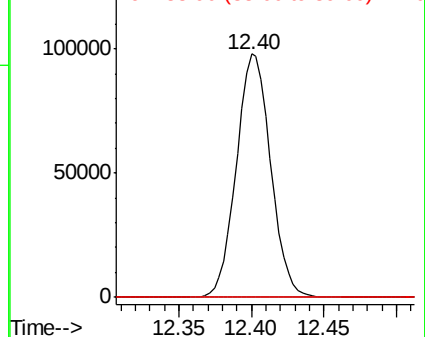
89 0.0 36.1 54.1#



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



#84

1,2,4-Trimethylbenzene

Concen: 1.00 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050984.D

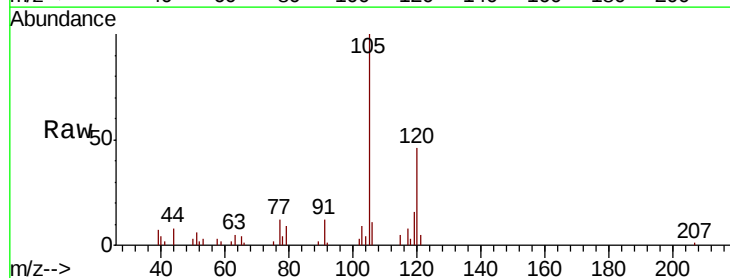
Acq: 31 Aug 2018 13:36

Tgt Ion:105 Resp: 19810

Ion Ratio Lower Upper

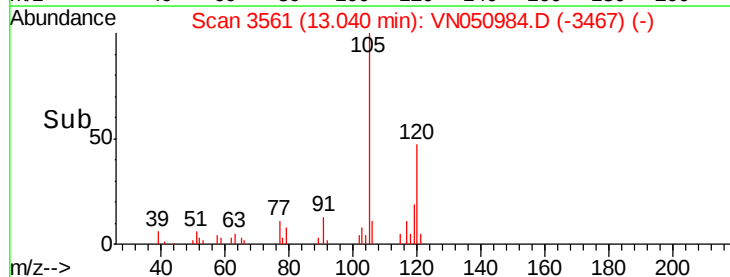
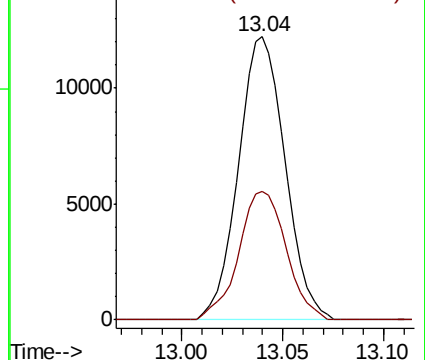
105 100

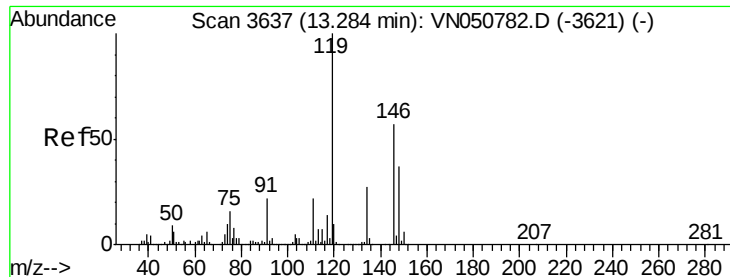
120 46.3 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

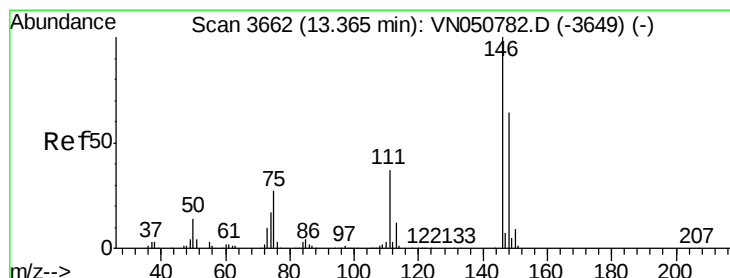
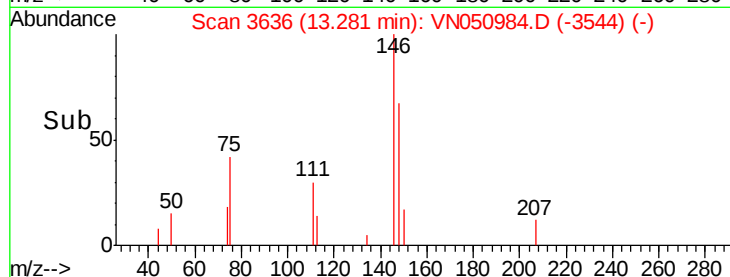
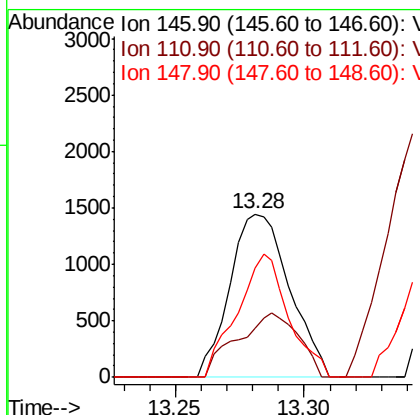
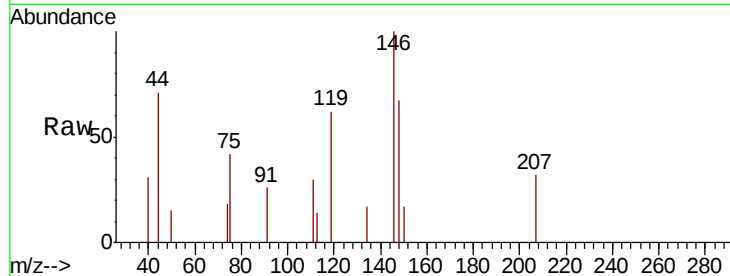




#87
 1,3-Dichlorobenzene
 Concen: 0.21 ug/l
 RT: 13.28 min Scan# 3636
 Delta R.T. -0.00 min
 Lab File: VN050984.D
 Acq: 31 Aug 2018 13:36

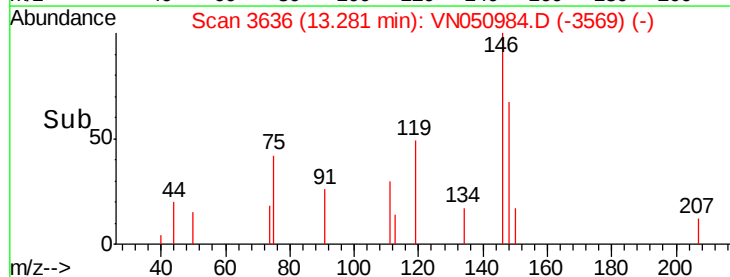
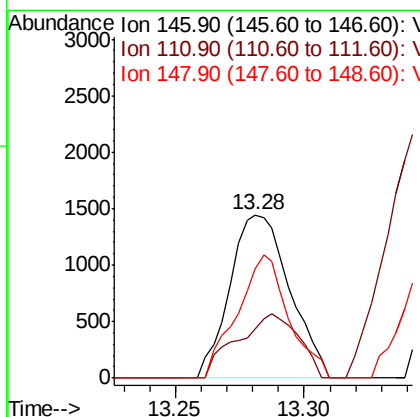
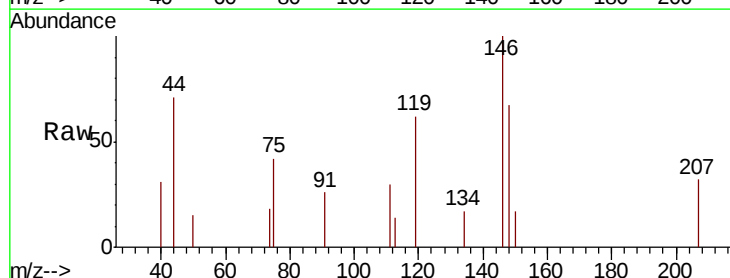
Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1-@-8-FTME

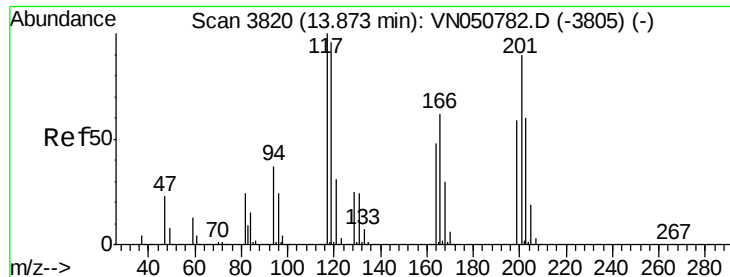
Tot Ion:146 Resp: 2342
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.1 57.3
 148 64.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 0.21 ug/l
 RT: 13.28 min Scan# 3636
 Delta R.T. -0.08 min
 Lab File: VN050984.D
 Acq: 31 Aug 2018 13:36

Tgt Ion:146 Resp: 2342
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.8 56.3
 148 64.7 32.2 96.6





#90

Hexachloroethane

Concen: 0.24 ug/l

RT: 13.87 min Scan# 3819

Delta R.T. -0.00 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

Instrument :

MSVOA_N

ClientSampleId :

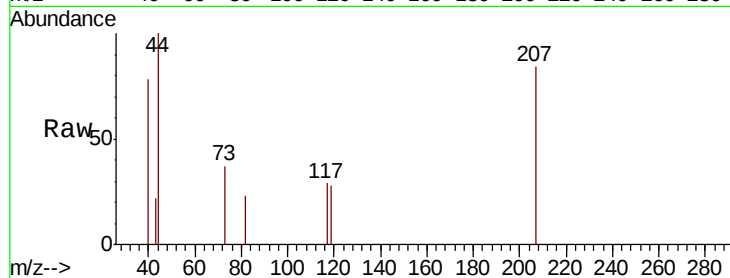
SB-1-@-8-FTME

Tot Ion:117 Resp: 195

Ion Ratio Lower Upper

117 100

201 0.0 46.0 137.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.87

250

200

150

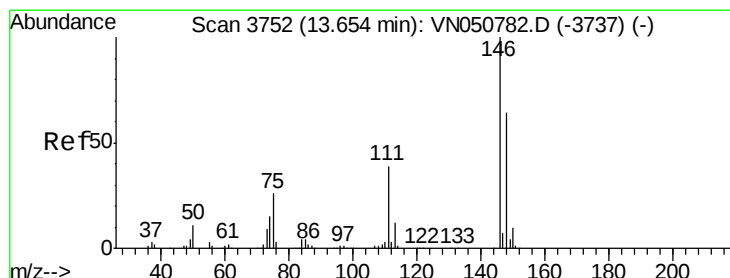
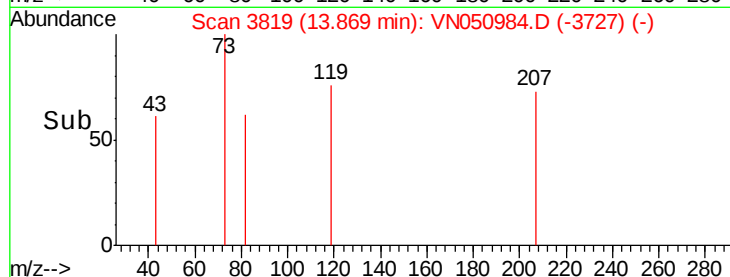
100

50

0

13.86 13.88

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.24 ug/l

RT: 13.65 min Scan# 3751

Delta R.T. -0.00 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

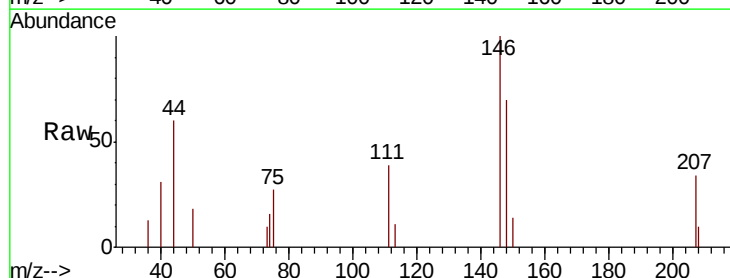
Tgt Ion:146 Resp: 2636

Ion Ratio Lower Upper

146 100

111 36.6 19.8 59.3

148 60.7 32.3 96.8



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

2000

1500

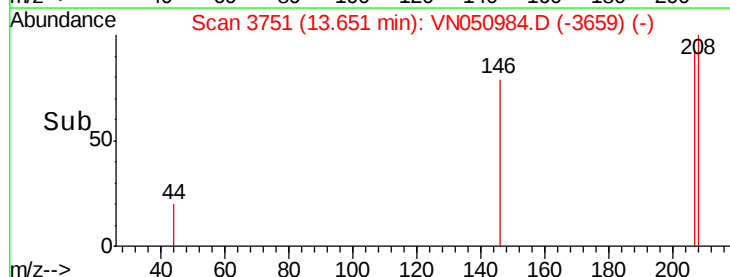
1000

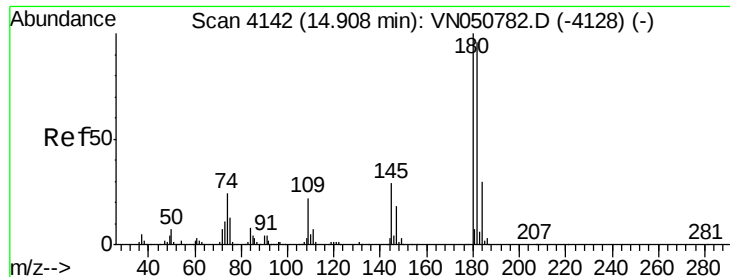
500

0

13.60 13.65 13.70

Time-->

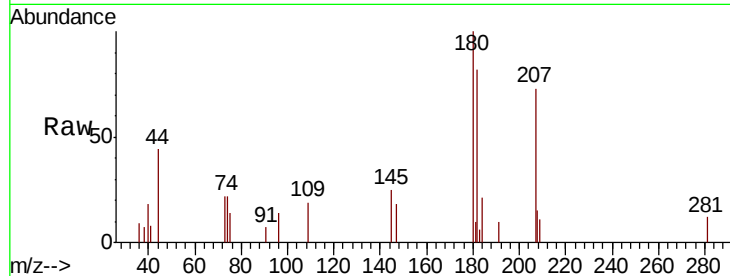




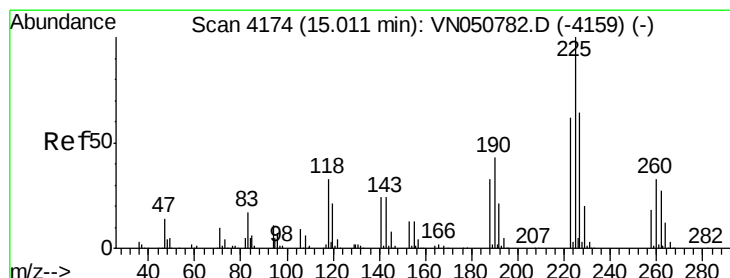
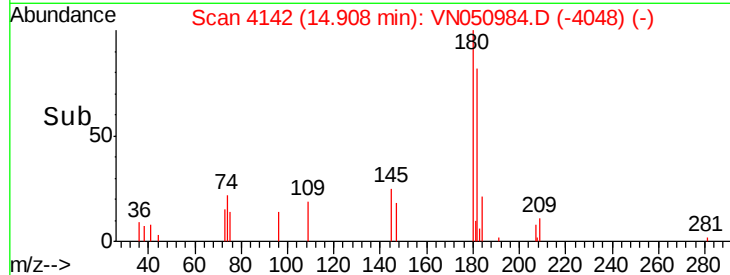
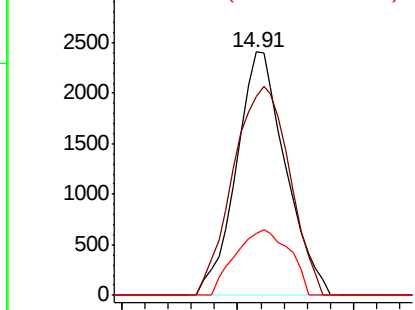
#93
 1,2,4-Trichlorobenzene
 Concen: 4.66 ug/l
 RT: 14.91 min Scan# 4142
 Delta R.T. 0.00 min
 Lab File: VN050984.D
 Acq: 31 Aug 2018 13:36

Instrument :
 MSVOA_N
 ClientSampled :
 SB-1-@-8-FTME

Tot Ion:180 Resp: 3543
 Ion Ratio Lower Upper
 180 100
 182 98.6 48.2 144.6
 145 29.5 14.1 42.2

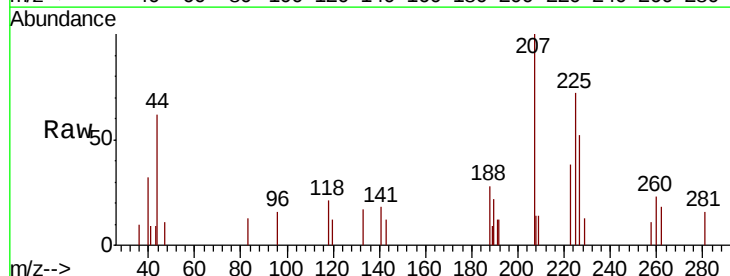


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

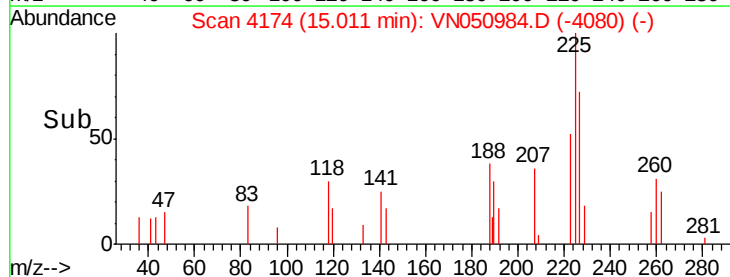
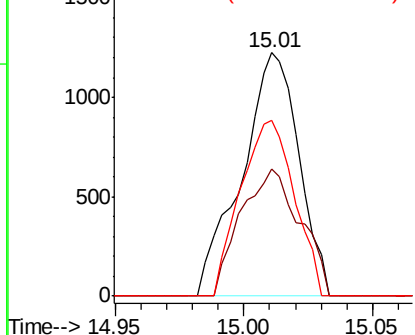


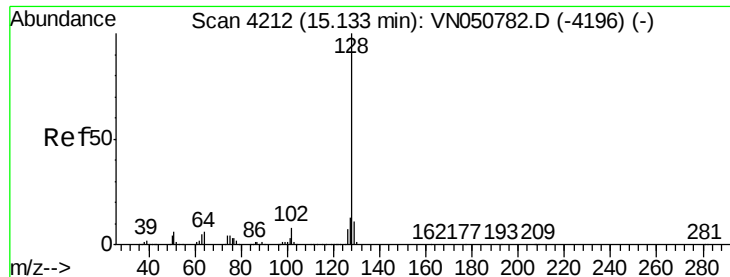
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4174
 Delta R.T. 0.00 min
 Lab File: VN050984.D
 Acq: 31 Aug 2018 13:36

Tgt Ion:225 Resp: 1895
 Ion Ratio Lower Upper
 225 100
 223 54.3 31.3 93.8
 227 67.8 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 6.04 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

Instrument :

MSVOA_N

ClientSampleId :

SB-1-@-8-FTME

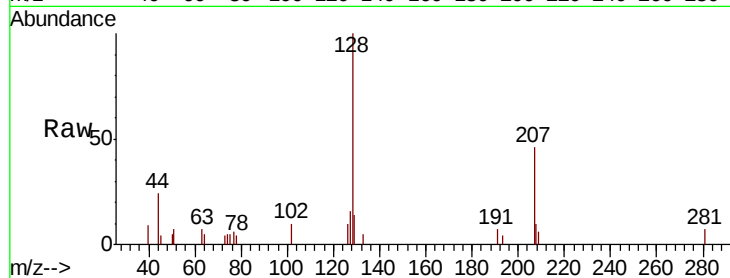
Tot Ion:128 Resp: 8521

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.3 8.7 13.1

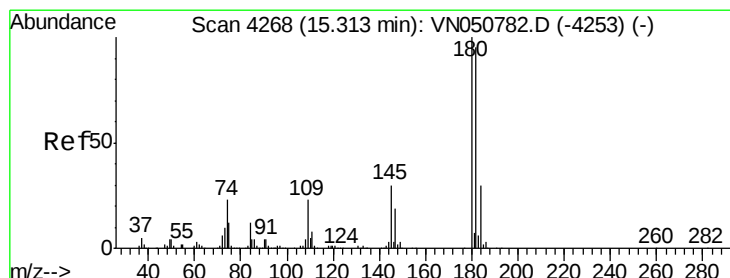
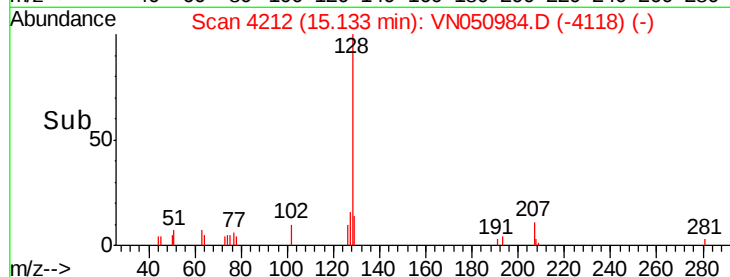
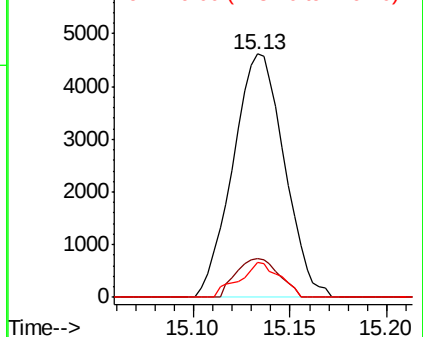


Abundance

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



#96

1,2,3-Trichlorobenzene

Concen: 3.93 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050984.D

Acq: 31 Aug 2018 13:36

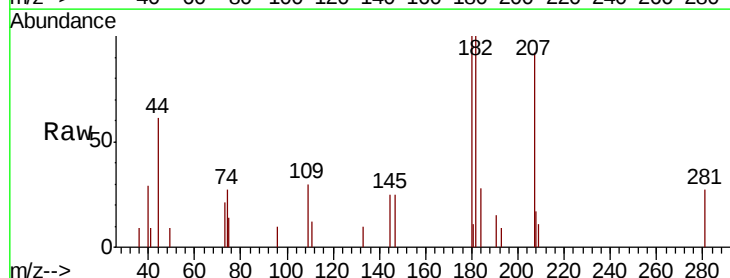
Tgt Ion:180 Resp: 3632

Ion Ratio Lower Upper

180 100

182 87.7 48.0 144.2

145 26.5 15.2 45.6



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

