

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091919\
 Data File : VN058221.D
 Acq On : 19 Sep 2019 21:50
 Operator : JC/SP
 Sample : K4940-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30356

Quant Time: Sep 20 04:26:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	502405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	816030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	694578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	289659	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	340768	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
35) Dibromofluoromethane	7.57	113	234861	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	
50) Toluene-d8	10.09	98	972180	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.40	95	316660	44.10	ug/l	0.00
Spiked Amount			Recovery	=	88.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	873	Below Cal		96
5) Bromomethane	2.57	94	104	0.778 ug/l		89
6) Chloroethane	2.58	64	66	Below Cal	#	44
11) Tert butyl alcohol	4.75	59	1497	1.798 ug/l	#	71
16) Acetone	3.79	43	130306	54.860 ug/l		98
17) Carbon Disulfide	4.04	76	4242	1.243 ug/l	#	74
18) Methyl Acetate	4.32	43	1705	0.273 ug/l	#	57
19) Methyl tert-butyl Ether	5.02	73	74007	4.831 ug/l		99
20) Methylene Chloride	4.53	84	2416	0.361 ug/l	#	86
22) Diisopropyl ether	5.93	45	21049	1.247 ug/l		90
23) Vinyl Acetate	5.94	43	12123	1.049 ug/l	#	74
25) 2-Butanone	6.82	43	94667	29.255 ug/l		99
29) Tetrahydrofuran	7.19	42	5254	2.636 ug/l	#	80
31) Cyclohexane	7.65	56	13193	Below Cal	#	18
36) 1,1-Dichloropropene	7.65	75	42740	7.263 ug/l	#	51
37) Ethyl Acetate	6.82	43	94667	15.501 ug/l	#	70
38) Carbon Tetrachloride	7.65	117	51334	8.678 ug/l	#	15
40) Benzene	8.03	78	384795	21.408 ug/l		98
41) Methacrylonitrile	7.20	41	4169	2.241 ug/l	#	100
42) 1,2-Dichloroethane	8.02	62	3708	0.492 ug/l		83
43) Isopropyl Acetate	8.22	43	13333	1.169 ug/l	#	67
51) 4-Methyl-2-Pentanone	9.98	43	2909	0.480 ug/l	#	77
52) Toluene	10.15	92	264203	23.454 ug/l		99
53) t-1,3-Dichloropropene	10.16	75	3426	0.489 ug/l	#	1
67) Ethyl Benzene	11.52	91	9121	0.436 ug/l		99
68) m/p-Xylenes	11.62	106	10738	1.362 ug/l		95
69) o-Xylene	11.95	106	28095	3.624 ug/l		96
71) Bromoform	12.41	173	1725	4.083 ug/l	#	1
74) N-amyl acetate	12.03	43	1862	0.245 ug/l	#	53
76) 1,2,3-Trichloropropane	12.40	75	172652	33.305 ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.74	105	6469	0.422 ug/l		93
81) trans-1,4-Dichloro-2-buten	12.40	75	172652	93.445 ug/l	#	5
84) 1,2,4-Trimethylbenzene	13.05	105	11460	0.751 ug/l		94
85) sec-Butylbenzene	13.05	105	11460	0.641 ug/l	#	58

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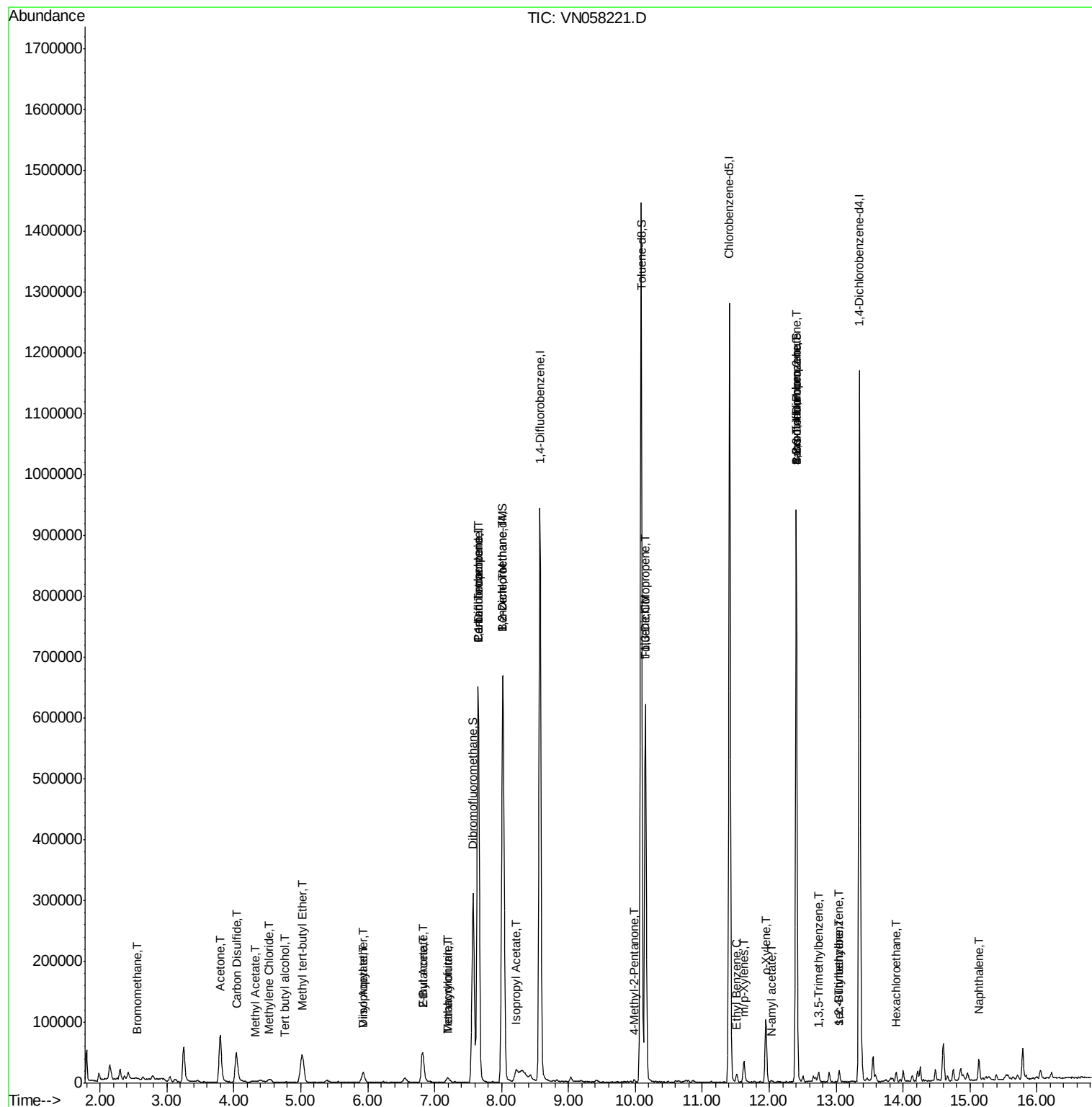
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.90	117	956	3.146	ug/l #	12
95) Naphthalene	15.13	128	26945	1.947	ug/l	97

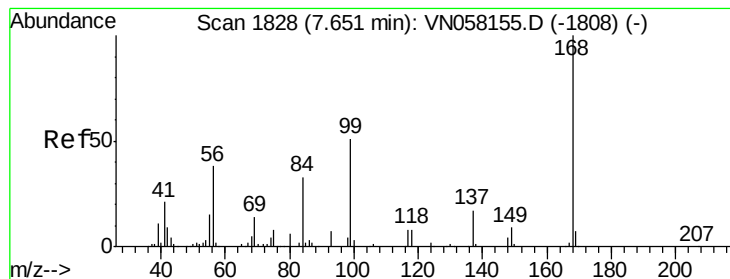
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

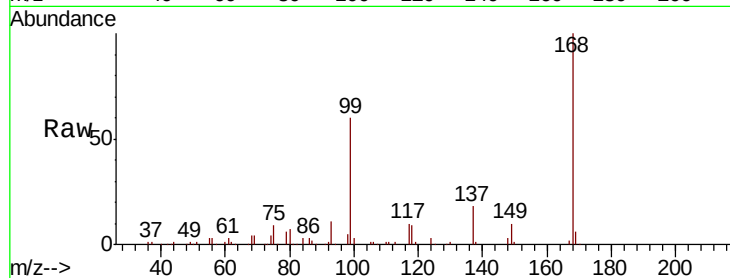
30356

Tot Ion:168 Resp: 502405

Ion Ratio Lower Upper

168 100

99 60.4 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

150000

100000

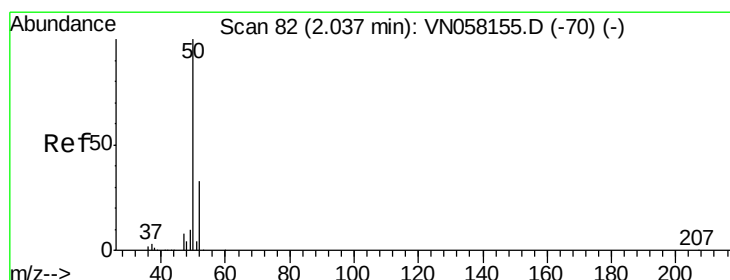
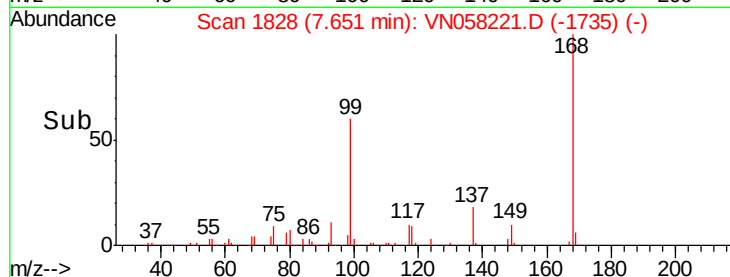
50000

0

7.60

7.70

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058221.D

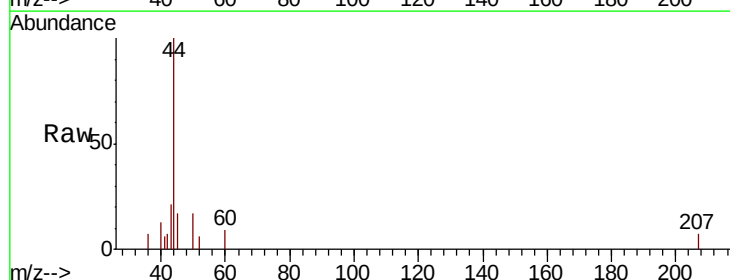
Acq: 19 Sep 2019 21:50

Tgt Ion: 50 Resp: 873

Ion Ratio Lower Upper

50 100

52 35.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.03

600

500

400

300

200

100

0

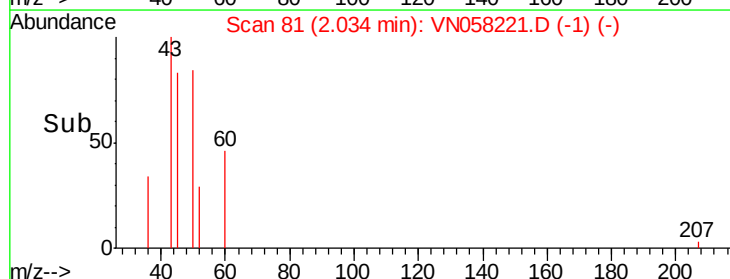
2.00

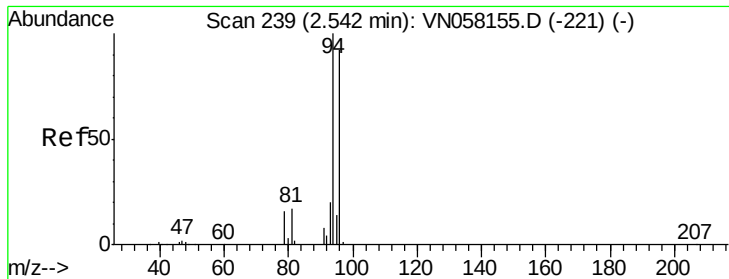
2.02

2.04

2.06

Time-->





#5

Bromomethane

Concen: 0.778 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.03 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

Instrument :

MSVOA_N

ClientSampled :

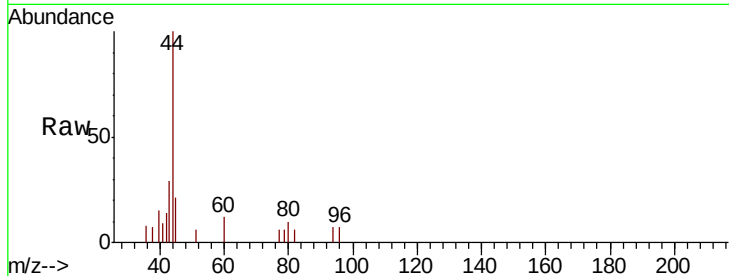
30356

Tot Ion: 94 Resp: 104

Ion Ratio Lower Upper

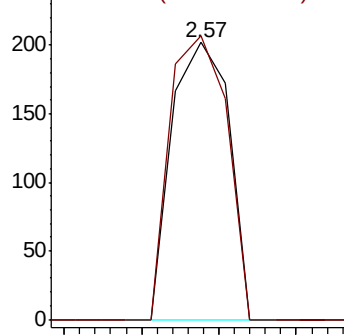
94 100

96 102.5 73.3 109.9

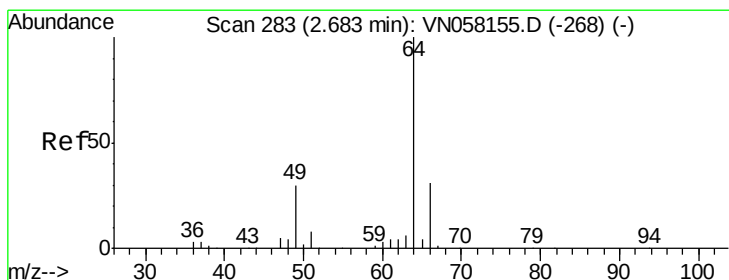
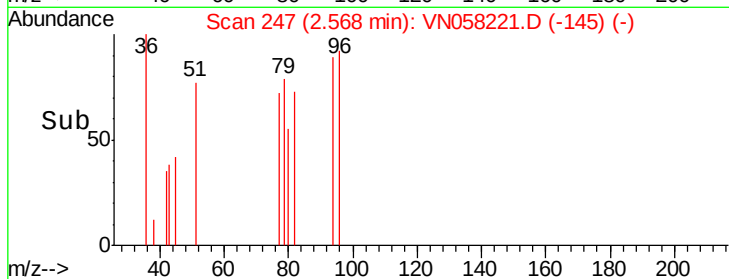


Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



Time--> 2.55 2.56 2.57 2.58



#6

Chloroethane

Concen: Below Cal

RT: 2.58 min Scan# 251

Delta R.T. -0.10 min

Lab File: VN058221.D

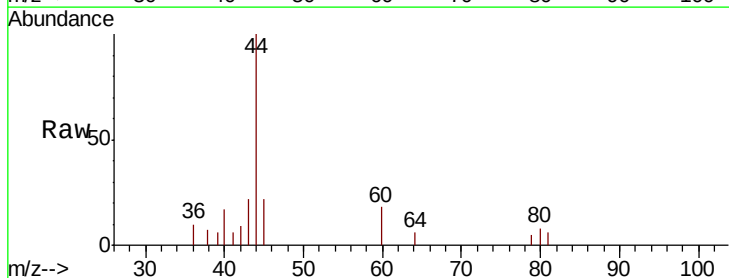
Acq: 19 Sep 2019 21:50

Tgt Ion: 64 Resp: 66

Ion Ratio Lower Upper

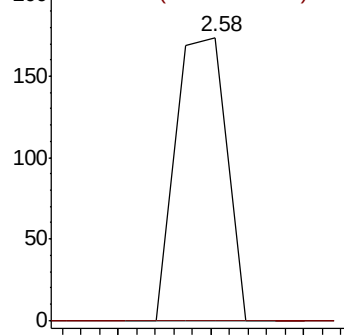
64 100

66 0.0 24.6 37.0#

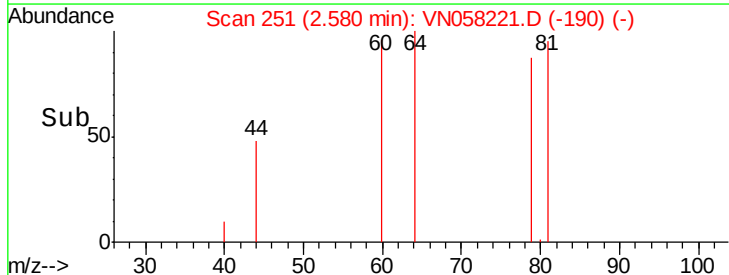


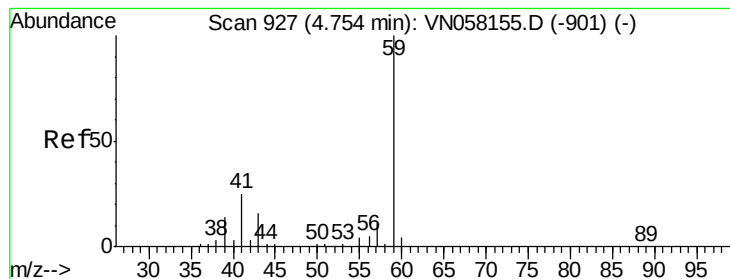
Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



Time--> 2.57 2.58 2.59



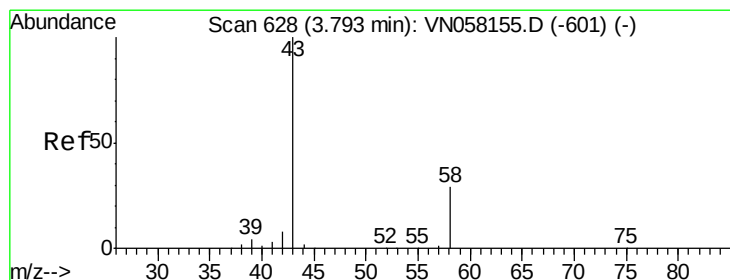
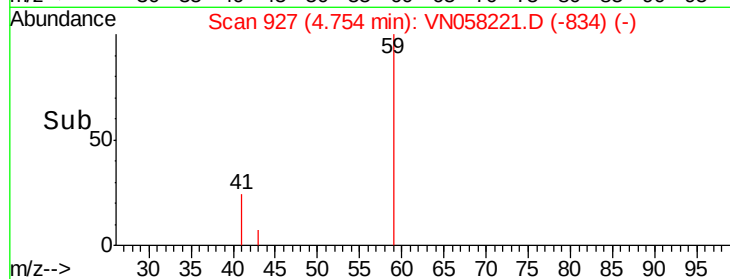
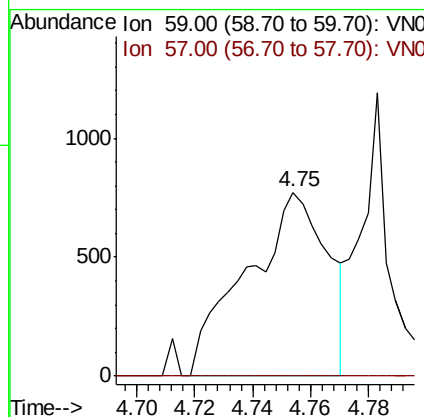
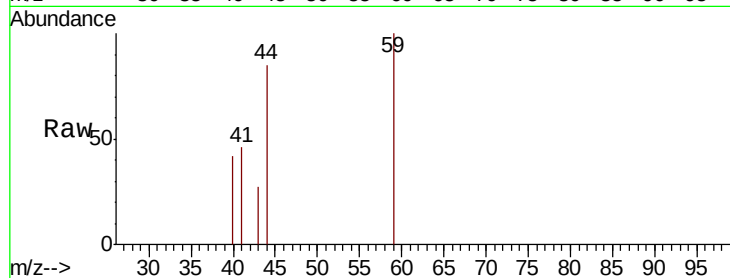


#11

Tert butyl alcohol
 Concen: 1.798 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: VN058221.D
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 ClientSampled :
 30356

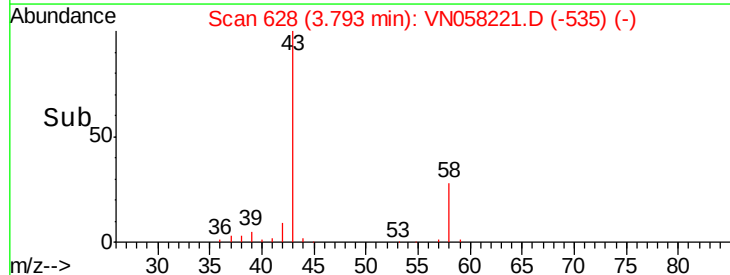
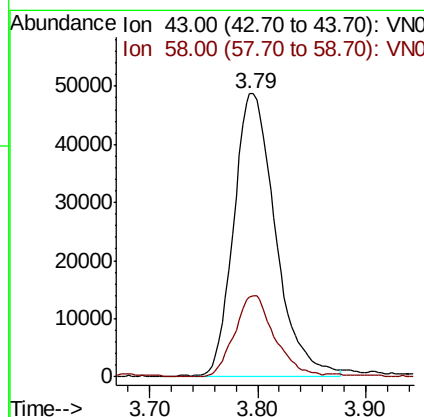
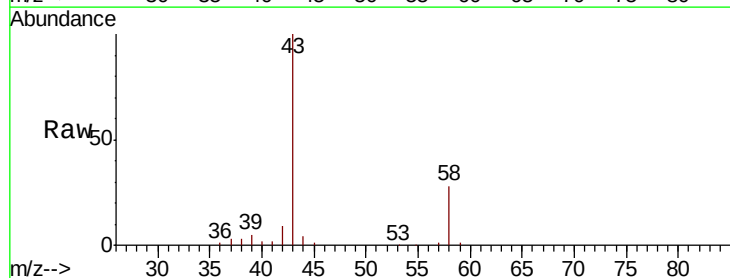
Tot Ion: 59 Resp: 1497
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 13.0#

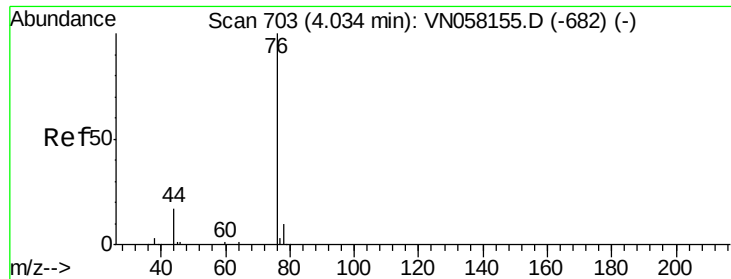


#16

Acetone
 Concen: 54.860 ug/l
 RT: 3.79 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: VN058221.D
 Acq: 19 Sep 2019 21:50

Tgt Ion: 43 Resp: 130306
 Ion Ratio Lower Upper
 43 100
 58 28.4 23.4 35.2





#17

Carbon Disulfide

Concen: 1.243 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.00 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

Instrument :

MSVOA_N

ClientSampled :

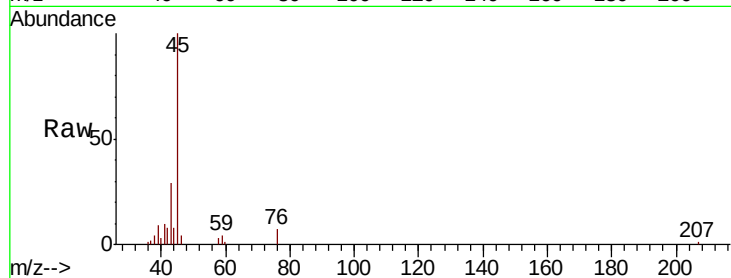
30356

Tot Ion: 76 Resp: 4242

Ion Ratio Lower Upper

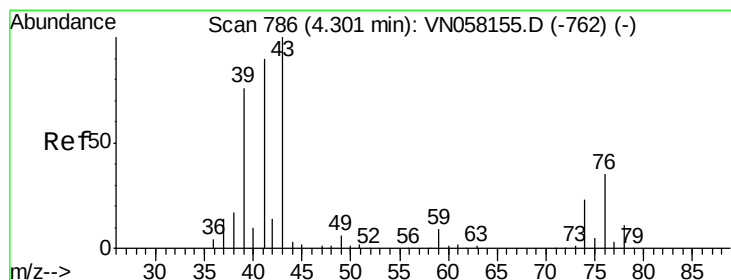
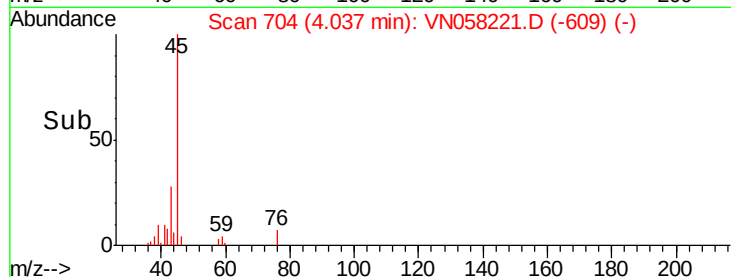
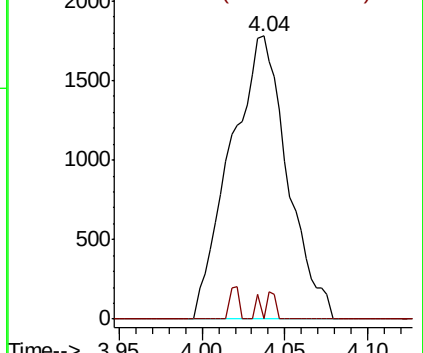
76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.273 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.02 min

Lab File: VN058221.D

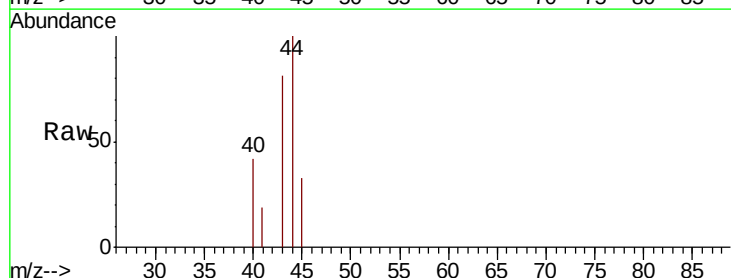
Acq: 19 Sep 2019 21:50

Tgt Ion: 43 Resp: 1705

Ion Ratio Lower Upper

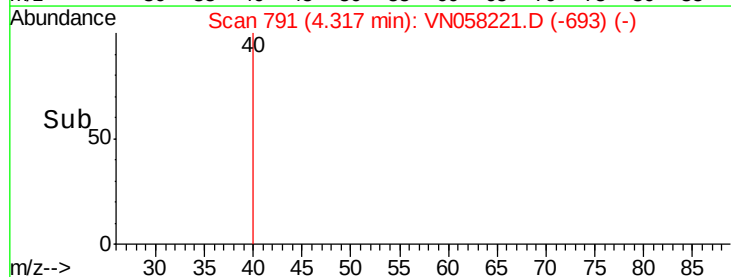
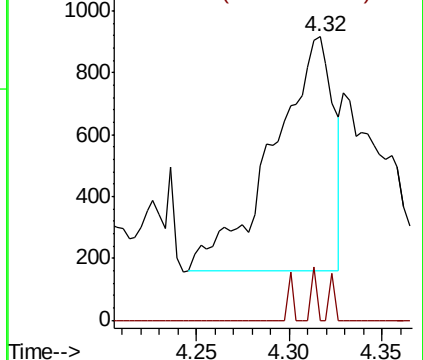
43 100

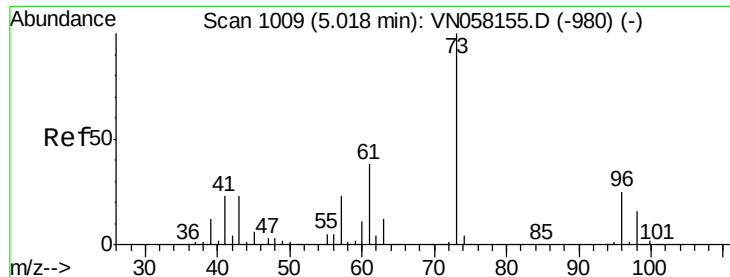
74 1.9 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

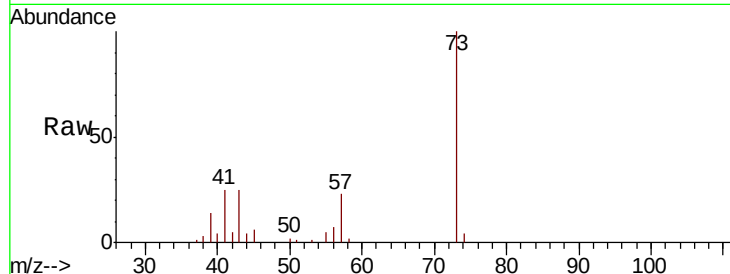




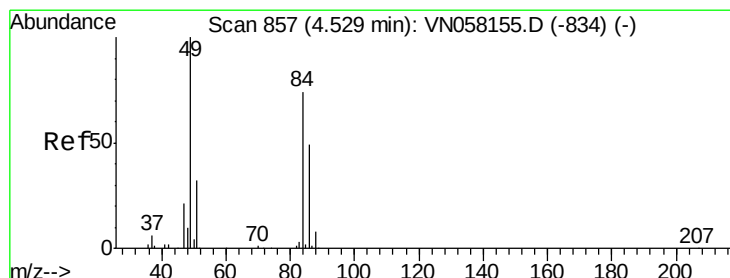
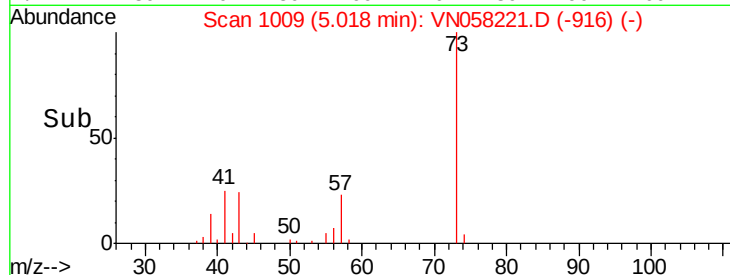
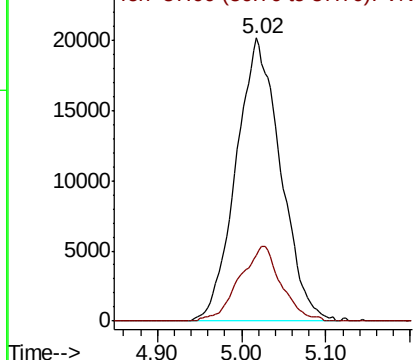
#19
Methvl tert-butvl Ether
Concen: 4.831 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058221.D
Acq: 19 Sep 2019 21:50

Instrument :
MSVOA_N
ClientSampled :
30356

Tot Ion: 73 Resp: 74007
Ion Ratio Lower Upper
73 100
57 23.2 18.1 27.1

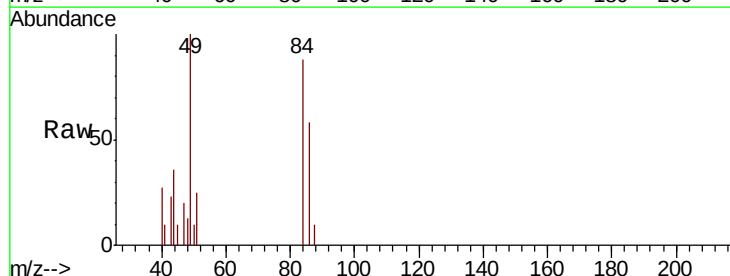


Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

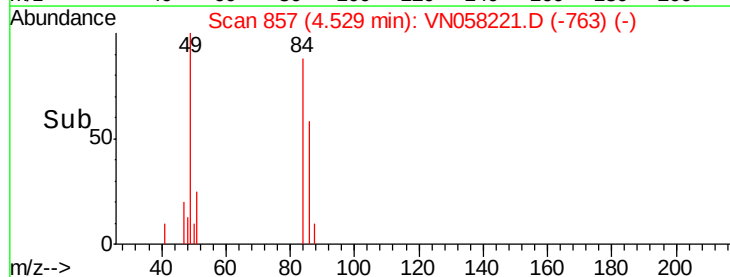
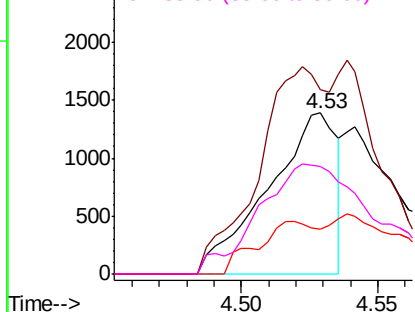


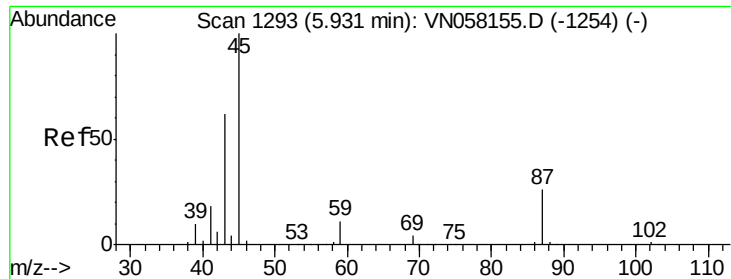
#20
Methylene Chloride
Concen: 0.361 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058221.D
Acq: 19 Sep 2019 21:50

Tgt Ion: 84 Resp: 2416
Ion Ratio Lower Upper
84 100
49 114.1 107.5 161.3
51 28.0 33.9 50.9#
86 66.6 52.4 78.6



Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0





#22

Diisopropyl ether

Concen: 1.247 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

30356

Tot Ion: 45 Resp: 21049

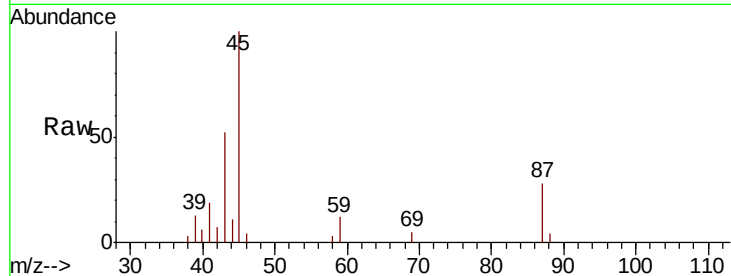
Ion Ratio Lower Upper

45 100

43 52.0 49.7 74.5

87 28.2 20.7 31.1

59 12.5 9.1 13.7

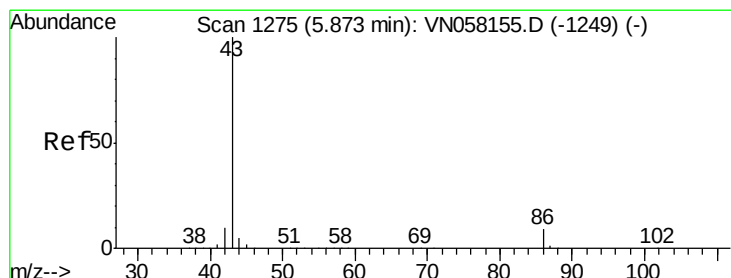
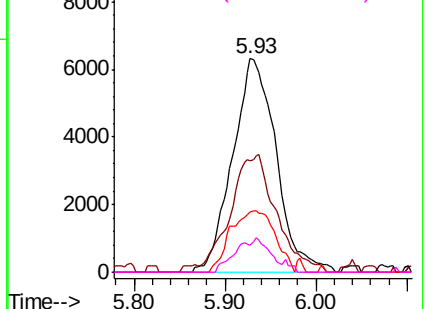
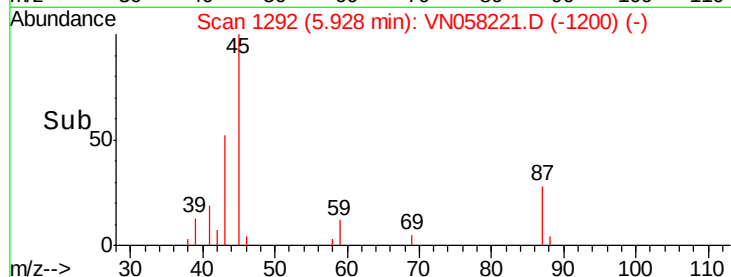


Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0



#23

Vinyl Acetate

Concen: 1.049 ug/l

RT: 5.94 min Scan# 1295

Delta R.T. 0.06 min

Lab File: VN058221.D

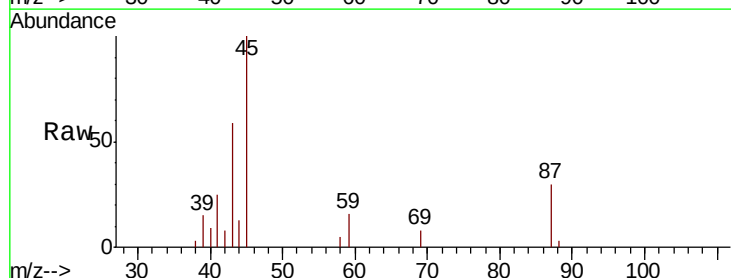
Acq: 19 Sep 2019 21:50

Tgt Ion: 43 Resp: 12123

Ion Ratio Lower Upper

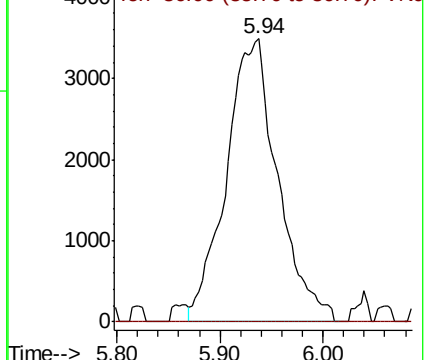
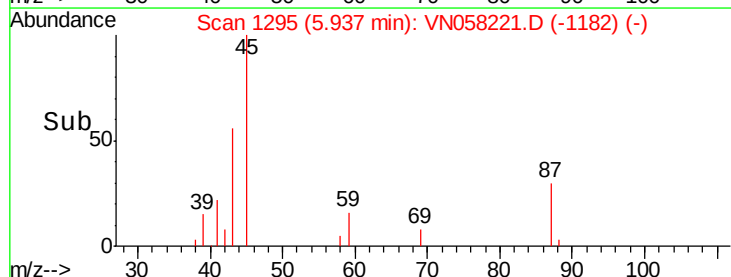
43 100

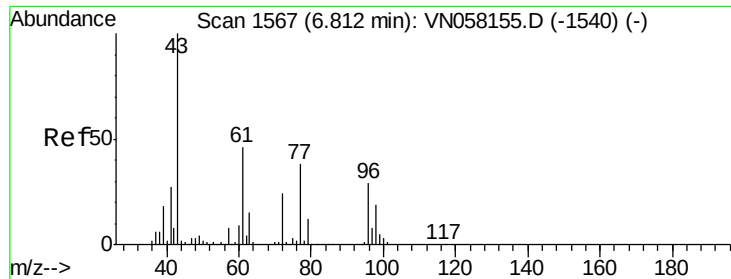
86 0.0 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0





#25

2-Butanone

Concen: 29.255 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

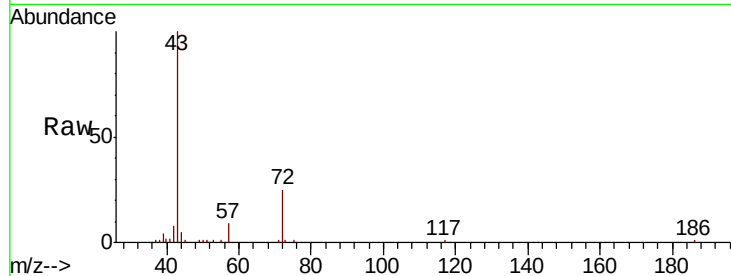
30356

Tot Ion: 43 Resp: 94667

Ion Ratio Lower Upper

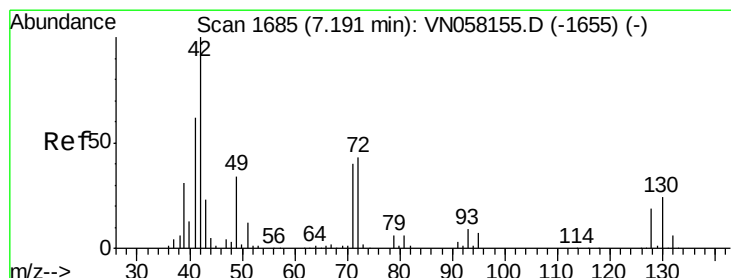
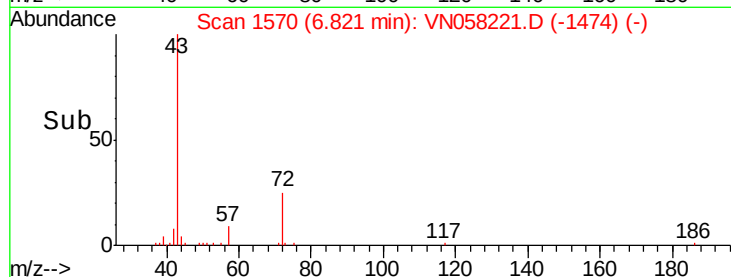
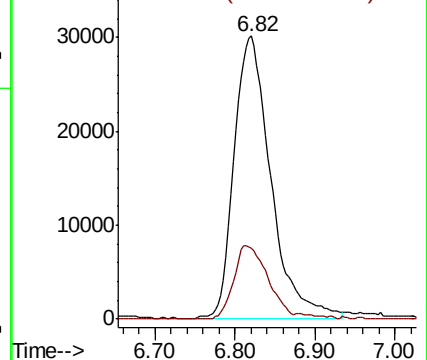
43 100

72 24.9 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#29

Tetrahydrofuran

Concen: 2.636 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

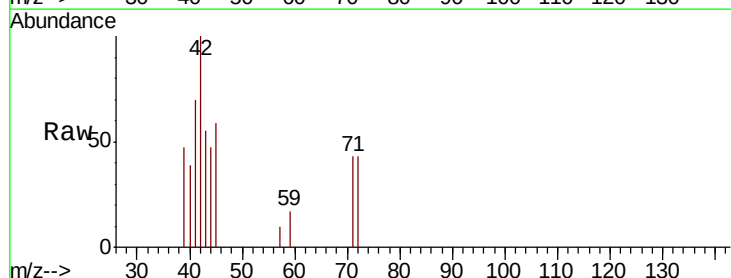
Tgt Ion: 42 Resp: 5254

Ion Ratio Lower Upper

42 100

72 23.3 33.8 50.6#

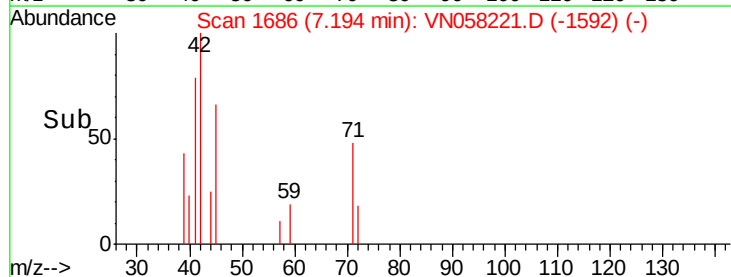
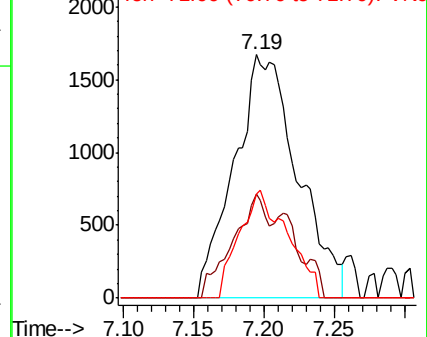
71 33.7 31.4 47.0

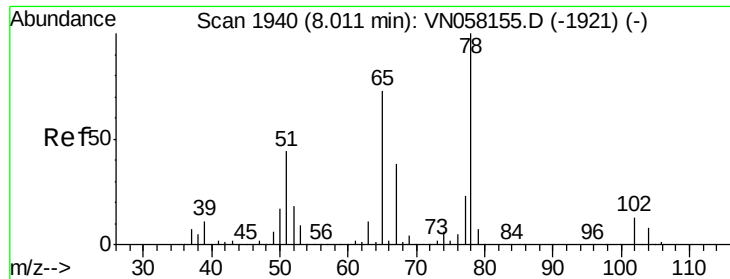


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

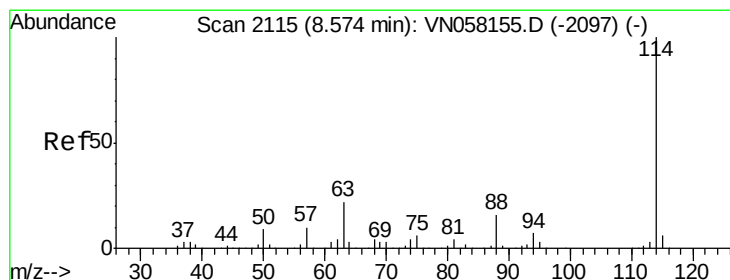
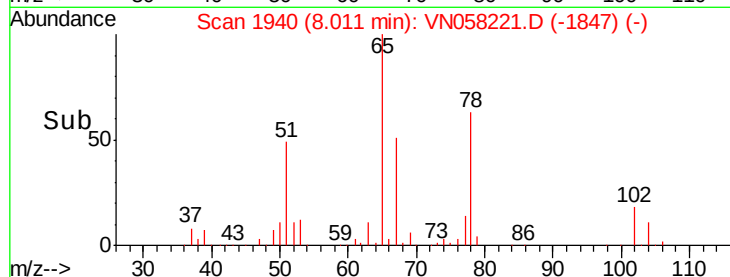
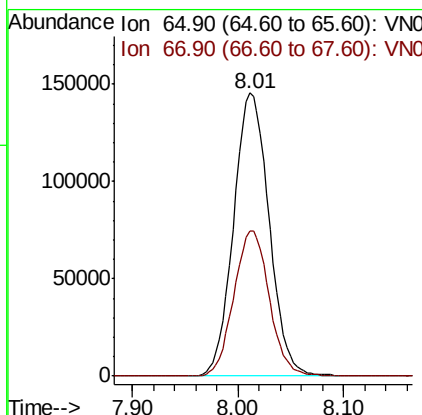
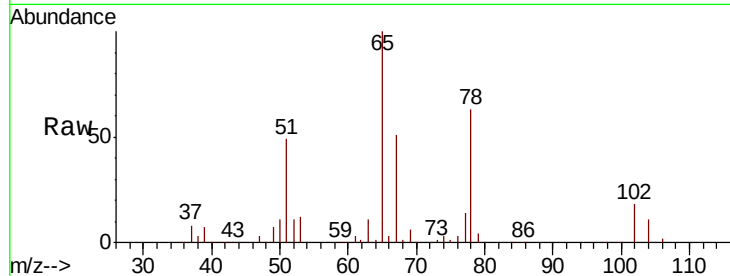




#33
 1,2-Dichloroethane-d4
 Concen: 48.699 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058221.D
 Acq: 19 Sep 2019 21:50

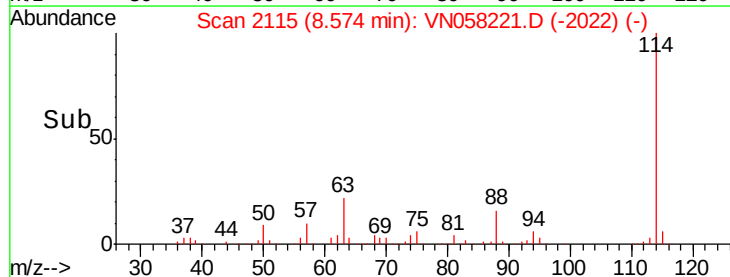
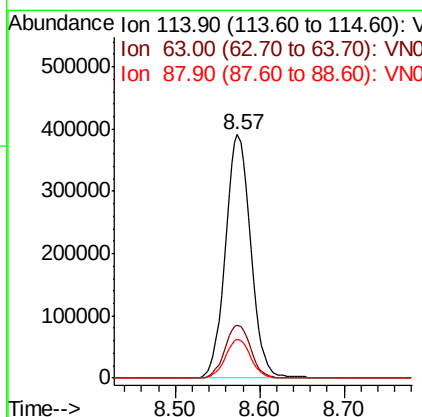
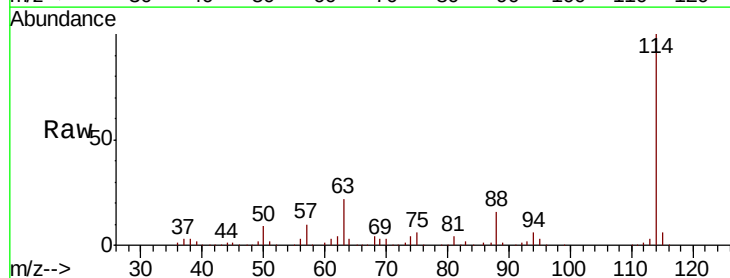
Instrument :
 MSVOA_N
 ClientSampleId :
 30356

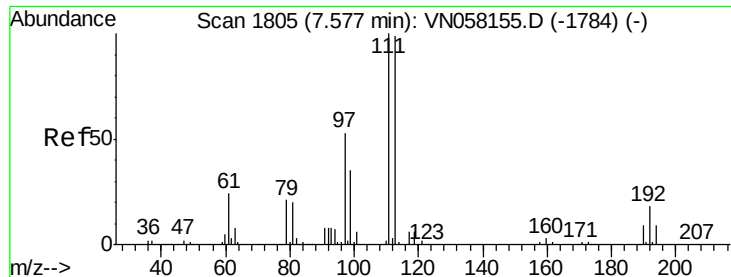
Tot Ion: 65 Resp: 340768
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058221.D
 Acq: 19 Sep 2019 21:50

Tgt Ion: 114 Resp: 816030
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.2
 88 16.0 0.0 31.6

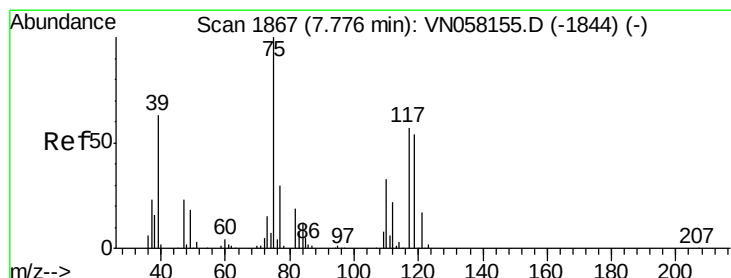
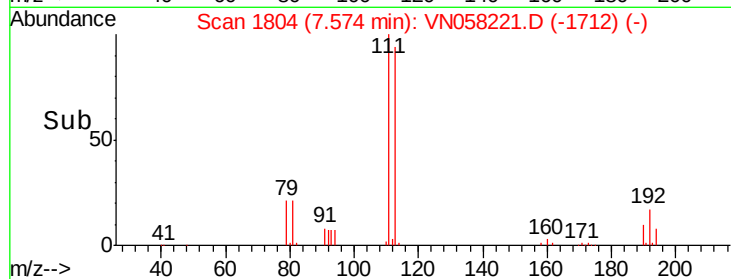
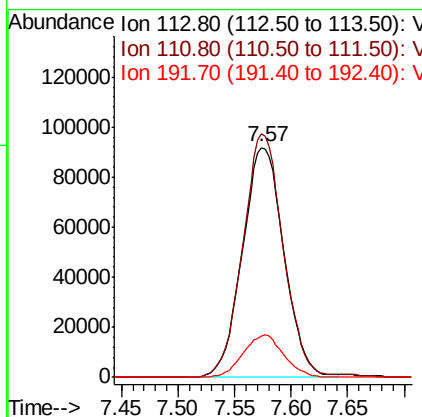
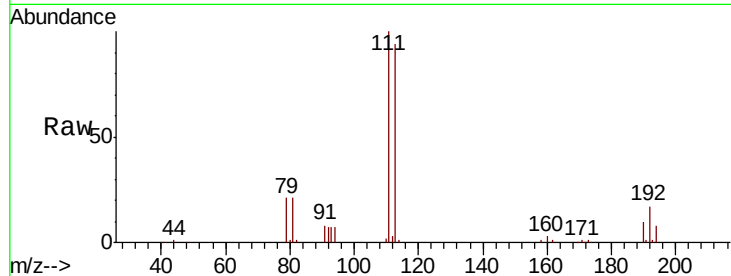




#35
 Dibromofluoromethane
 Concen: 47.343 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058221.D
 Acq: 19 Sep 2019 21:50

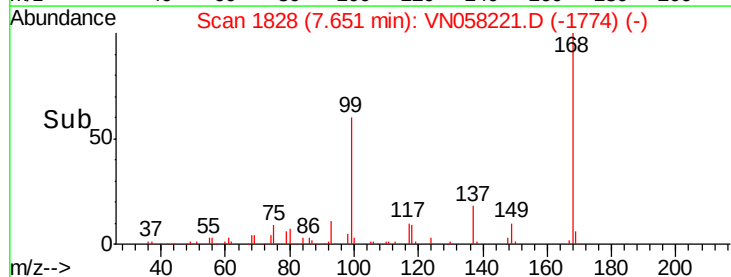
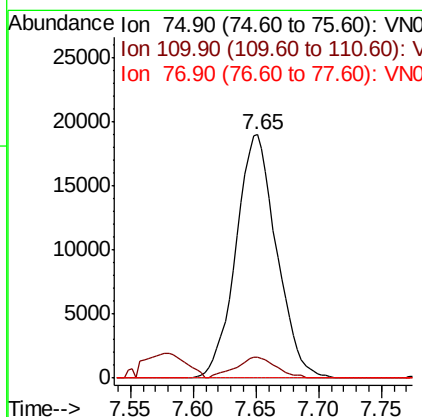
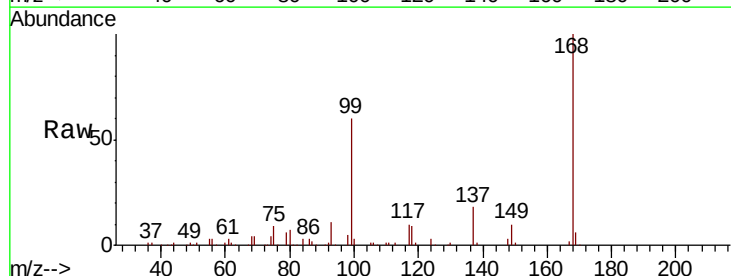
Instrument :
 MSVOA_N
 ClientSampled :
 30356

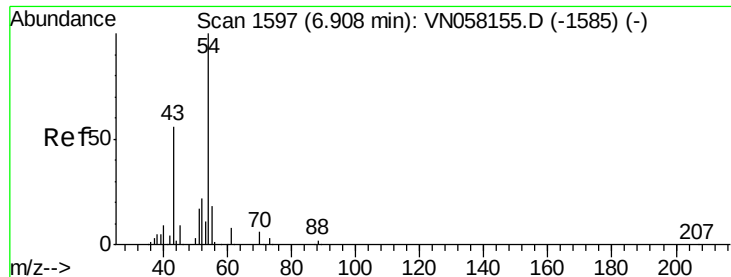
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.8	122.6
192	18.1	14.5	21.7



#36
 1,1-Dichloropropene
 Concen: 7.263 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058221.D
 Acq: 19 Sep 2019 21:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.6	49.7#
77	0.0	24.3	36.5#





#37

Ethyl Acetate

Concen: 15.501 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.09 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

Instrument :

MSVOA_N

ClientSampled :

30356

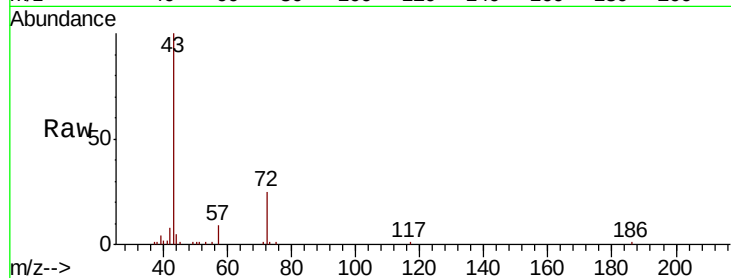
Tot Ion: 43 Resp: 94667

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

70 0.0 7.6 11.4#



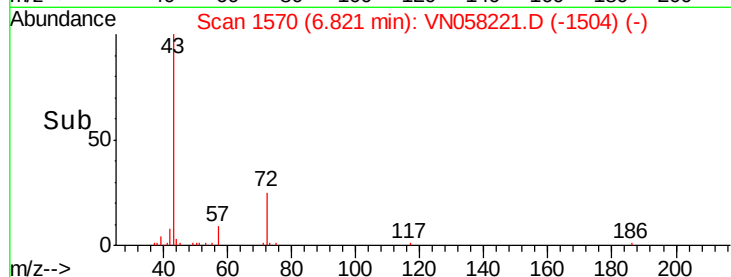
Abundance Ion 43.00 (42.70 to 43.70): VN058221.D (-1504) (-)

Ion 60.90 (60.60 to 61.60): VN058221.D (-1504) (-)

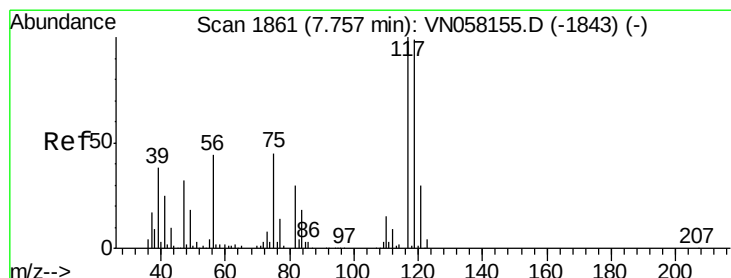
Ion 70.00 (69.70 to 70.70): VN058221.D (-1504) (-)

6.82

Time-->



Time-->



#38

Carbon Tetrachloride

Concen: 8.678 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

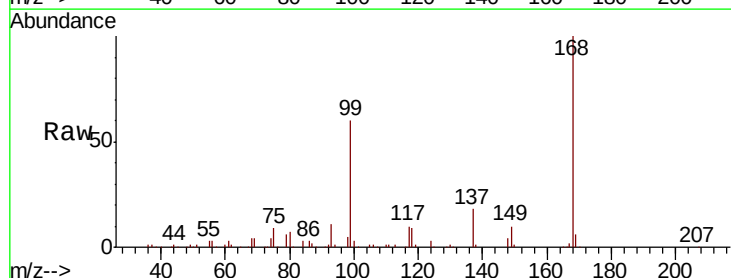
Tgt Ion: 117 Resp: 51334

Ion Ratio Lower Upper

117 100

119 5.3 78.6 117.8#

121 0.0 24.1 36.1#



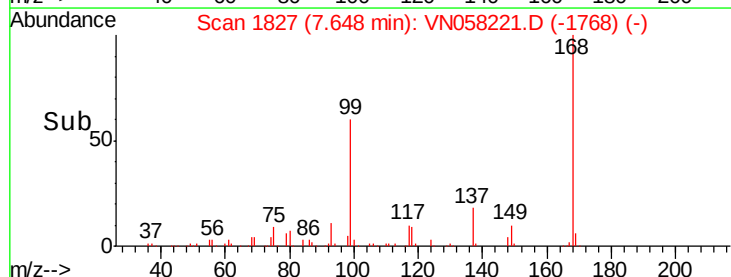
Abundance Ion 116.80 (116.50 to 117.50): VN058221.D (-1768) (-)

Ion 118.80 (118.50 to 119.50): VN058221.D (-1768) (-)

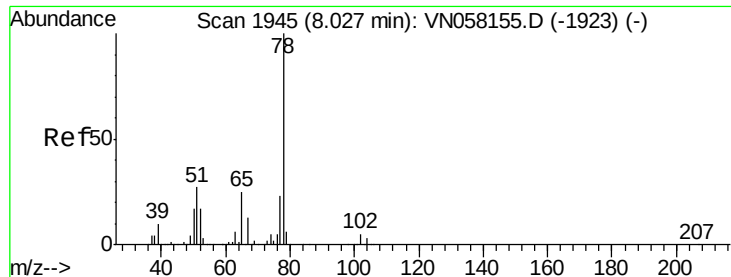
Ion 120.80 (120.50 to 121.50): VN058221.D (-1768) (-)

7.65

Time-->



Time-->



#40

Benzene

Concen: 21.408 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

Instrument :

MSVOA_N

ClientSampled :

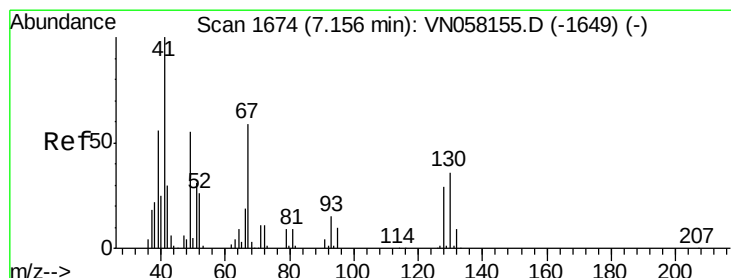
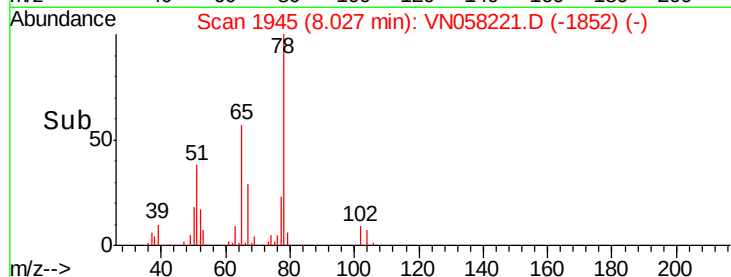
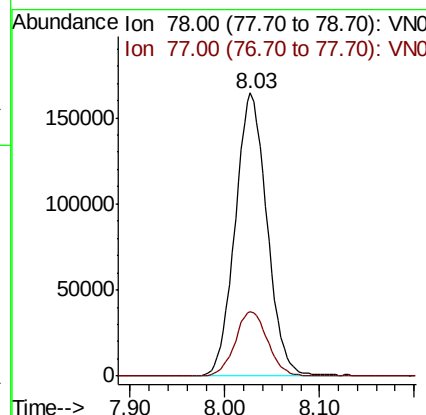
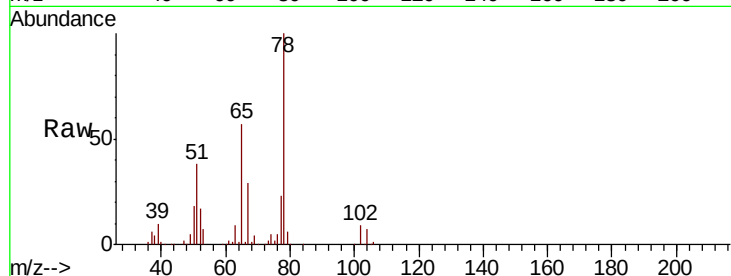
30356

Tot Ion: 78 Resp: 384795

Ion Ratio Lower Upper

78 100

77 22.6 18.8 28.2



#41

Methacrylonitrile

Concen: 2.241 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.05 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

Tgt Ion: 41 Resp: 4169

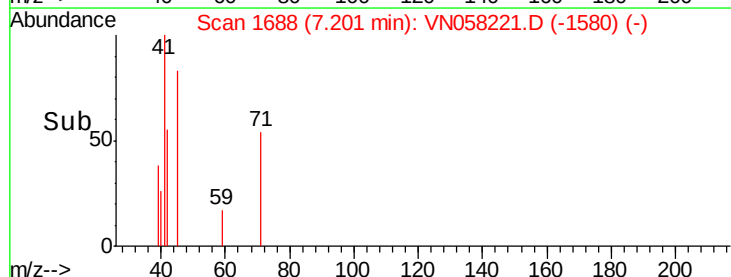
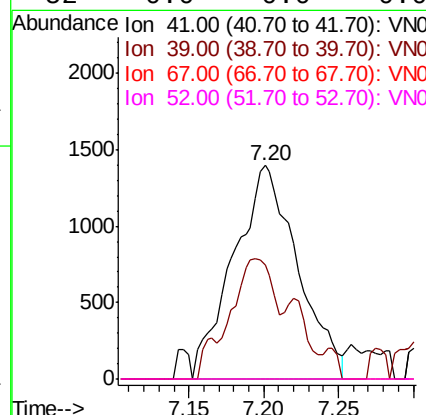
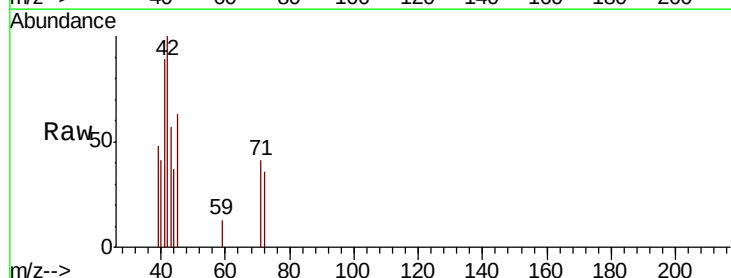
Ion Ratio Lower Upper

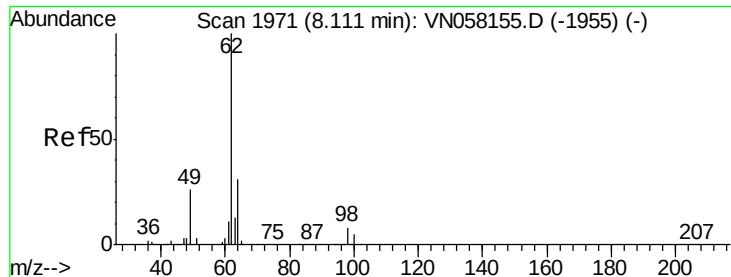
41 100

39 39.8 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0





#42

1,2-Dichloroethane

Concen: 0.492 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.09 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

Instrument :

MSVOA_N

ClientSampled :

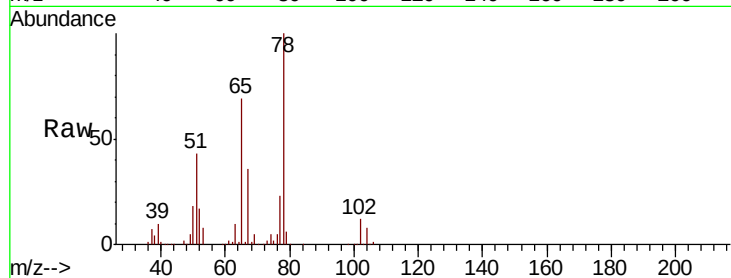
30356

Tot Ion: 62 Resp: 3708

Ion Ratio Lower Upper

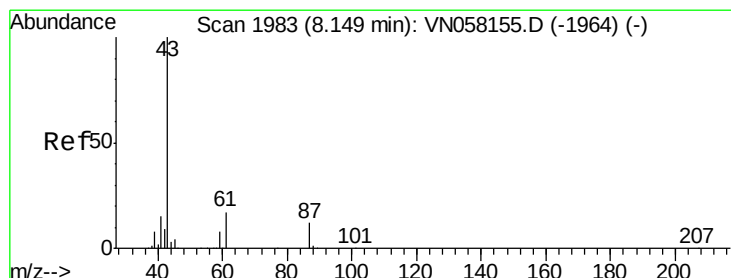
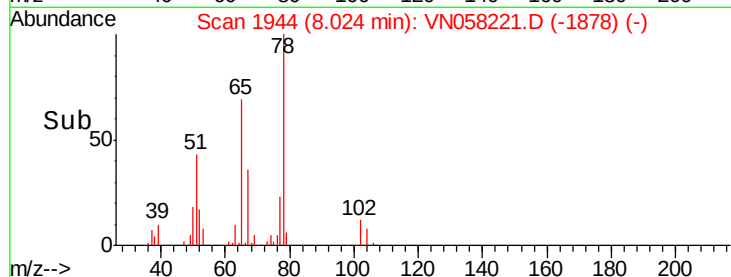
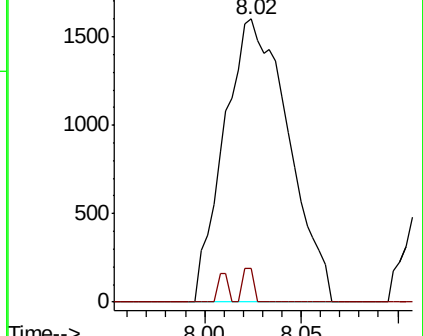
62 100

98 2.0 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#43

Isopropyl Acetate

Concen: 1.169 ug/l

RT: 8.22 min Scan# 2005

Delta R.T. 0.07 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

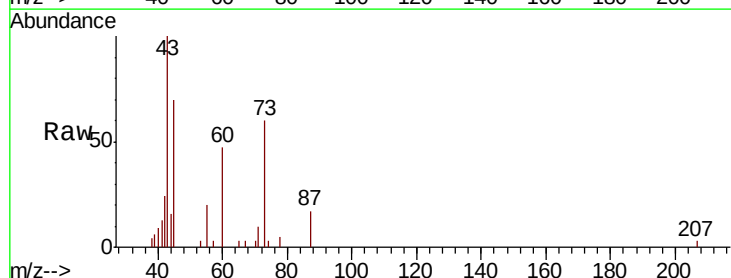
Tgt Ion: 43 Resp: 13333

Ion Ratio Lower Upper

43 100

61 0.0 19.7 29.5#

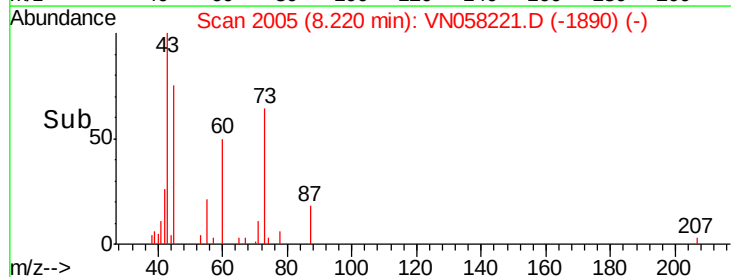
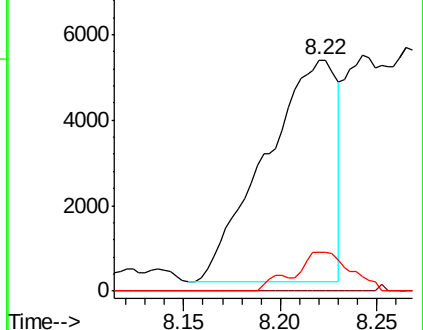
87 11.7 9.4 14.2

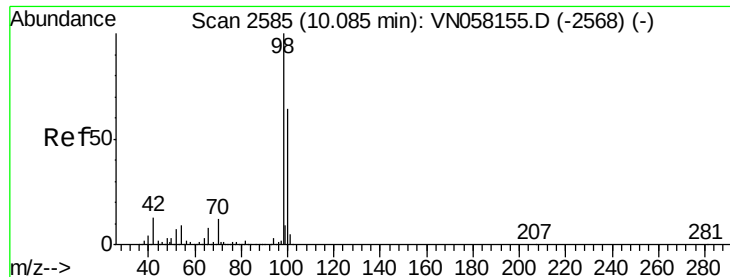


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

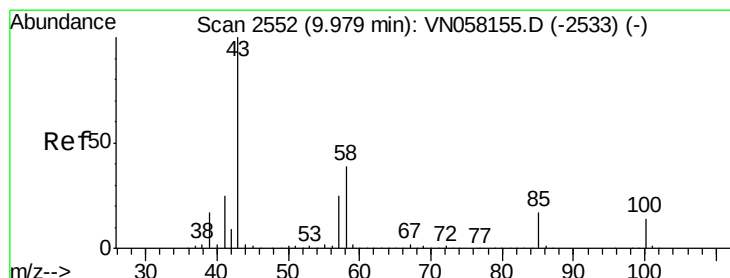
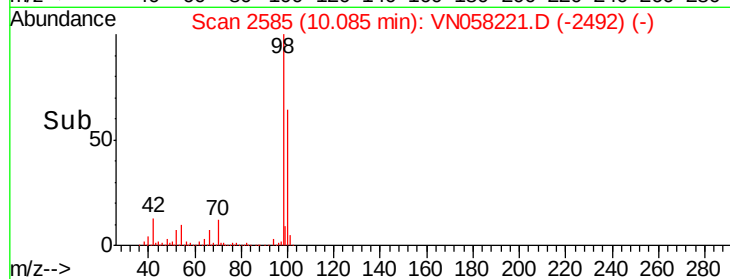
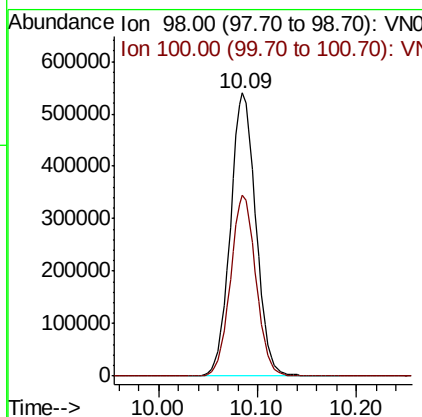
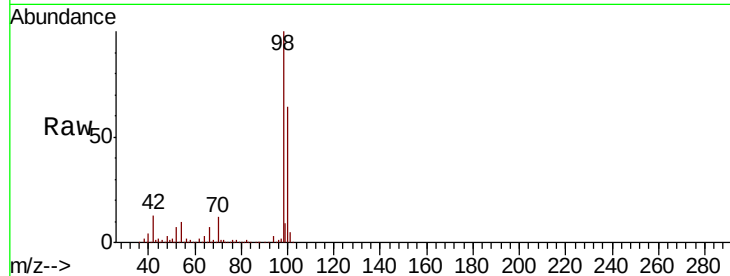




#50
Toluene-d8
Concen: 50.298 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058221.D
Acq: 19 Sep 2019 21:50

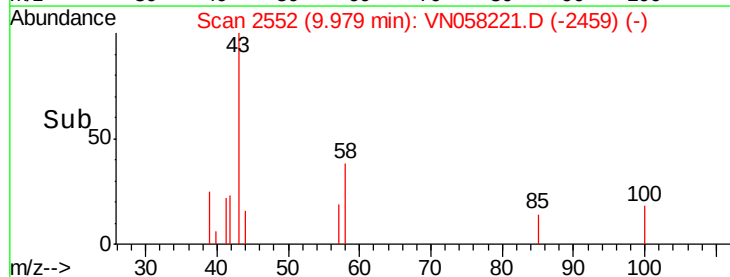
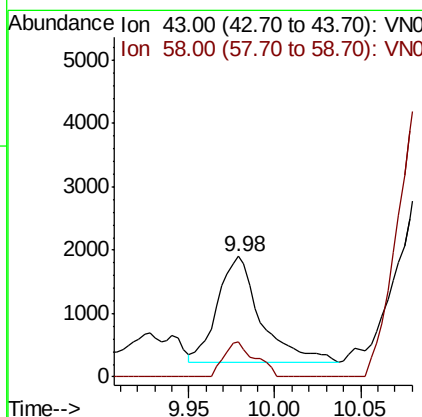
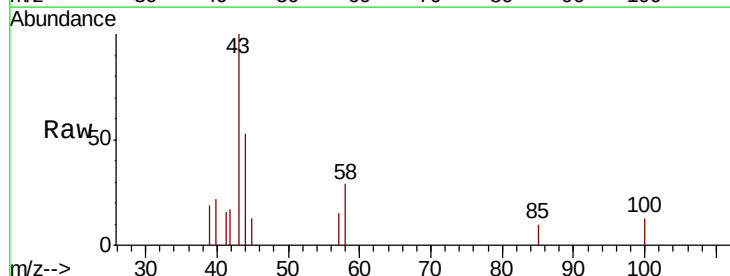
Instrument :
MSVOA_N
ClientSampled :
30356

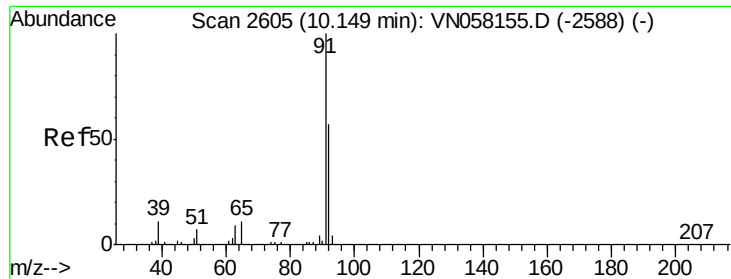
Tot Ion: 98 Resp: 972180
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7



#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 9.98 min Scan# 2552
Delta R.T. 0.00 min
Lab File: VN058221.D
Acq: 19 Sep 2019 21:50

Tgt Ion: 43 Resp: 2909
Ion Ratio Lower Upper
43 100
58 24.1 30.2 45.4#





#52

Toluene

Concen: 23.454 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

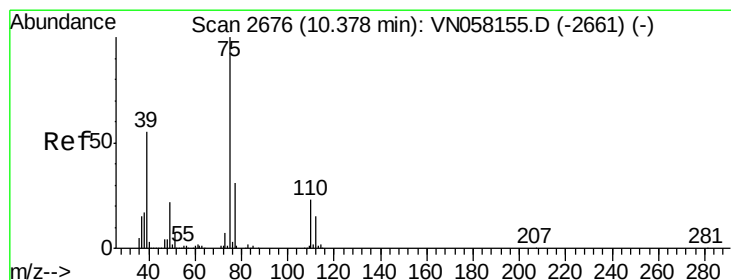
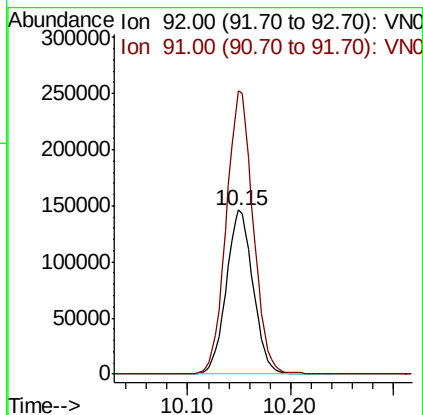
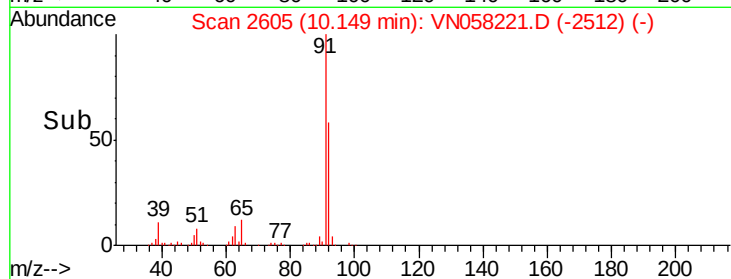
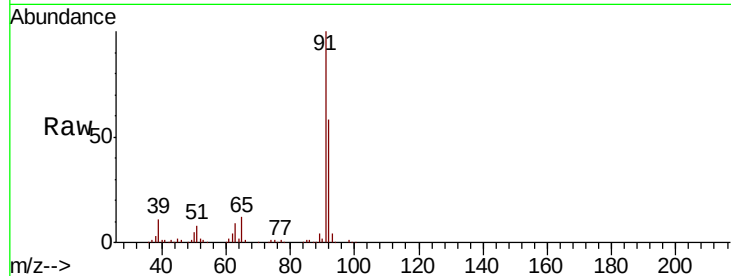
30356

Tot Ion: 92 Resp: 264203

Ion Ratio Lower Upper

92 100

91 173.4 140.2 210.2



#53

t-1,3-Dichloropropene

Concen: 0.489 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.22 min

Lab File: VN058221.D

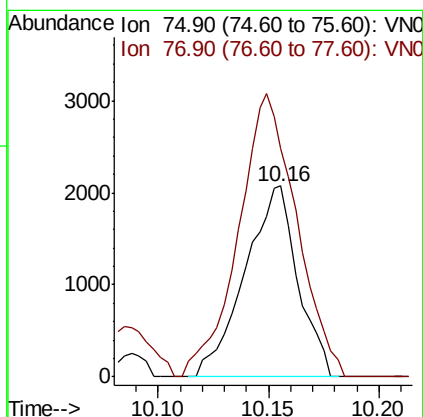
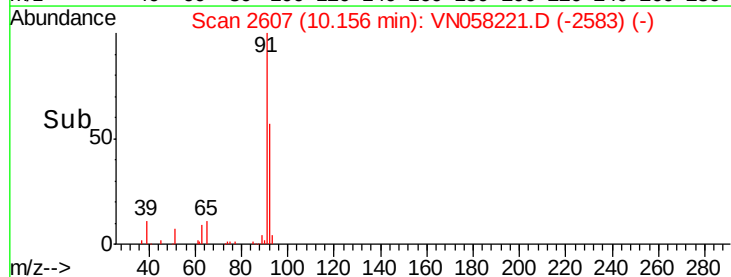
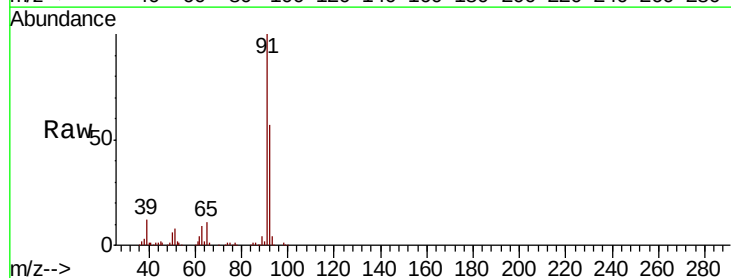
Acq: 19 Sep 2019 21:50

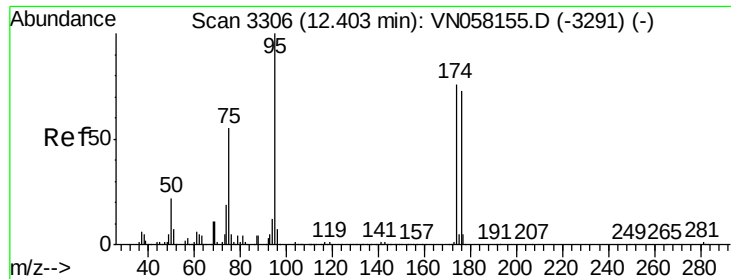
Tgt Ion: 75 Resp: 3426

Ion Ratio Lower Upper

75 100

77 110.9 24.9 37.3#





#62

4-Bromofluorobenzene

Concen: 44.105 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

30356

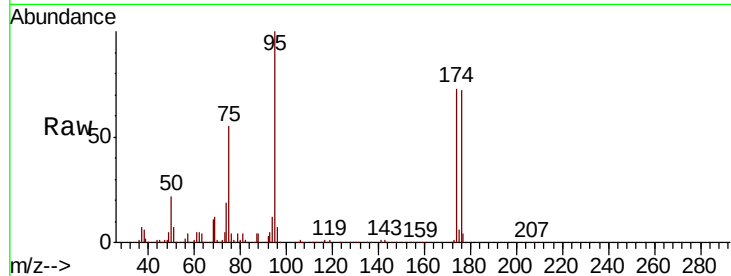
Tot Ion: 95 Resp: 316660

Ion Ratio Lower Upper

95 100

174 74.3 0.0 152.2

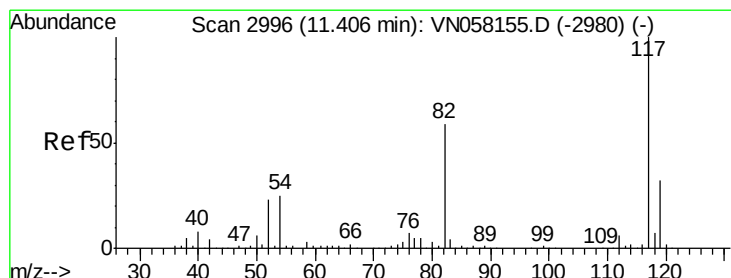
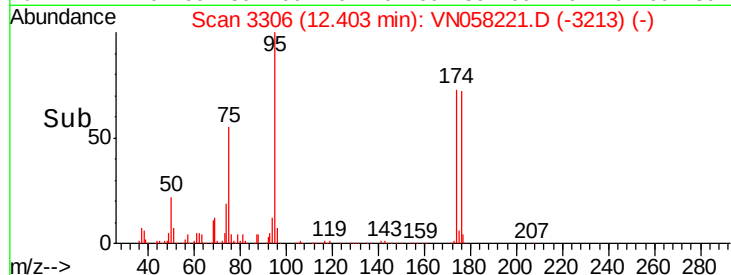
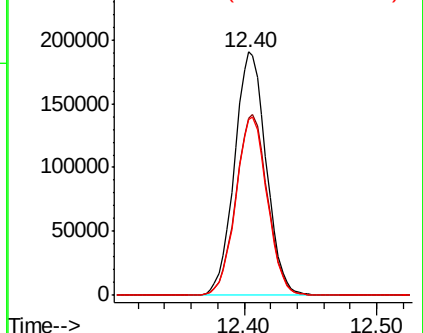
176 72.5 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058221.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN058221.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN058221.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

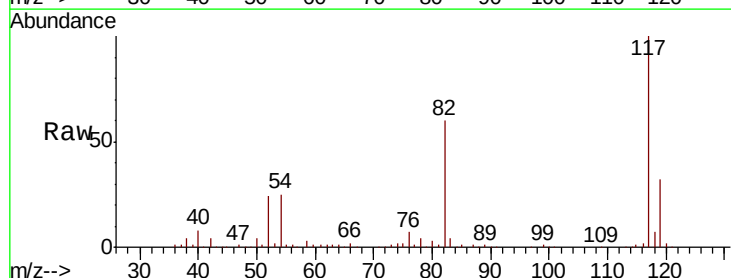
Tgt Ion: 117 Resp: 694578

Ion Ratio Lower Upper

117 100

82 59.9 46.9 70.3

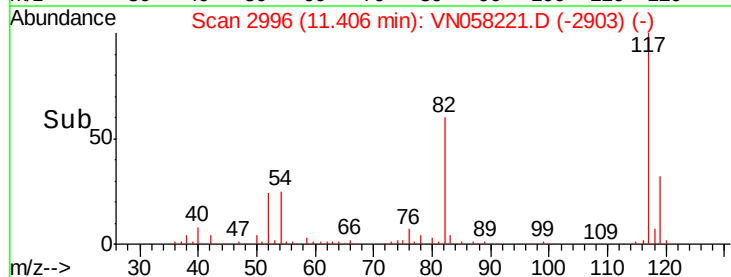
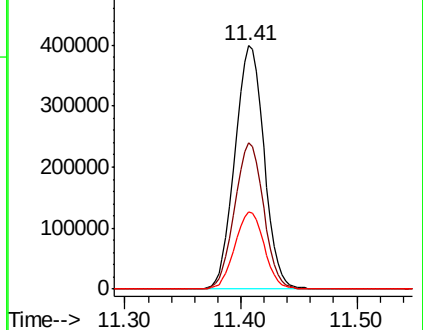
119 31.7 25.3 37.9

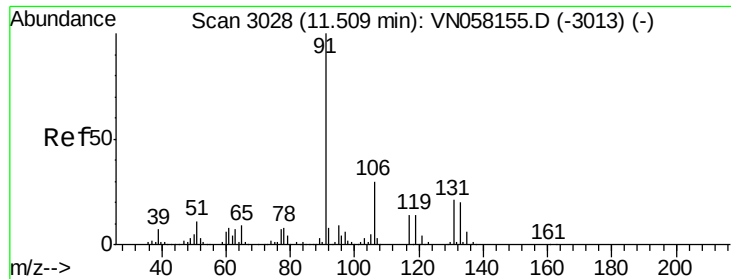


Abundance Ion 116.90 (116.60 to 117.60): VN058221.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN058221.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN058221.D (-2903) (-)

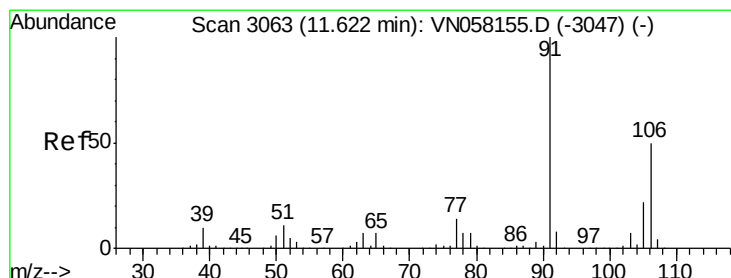
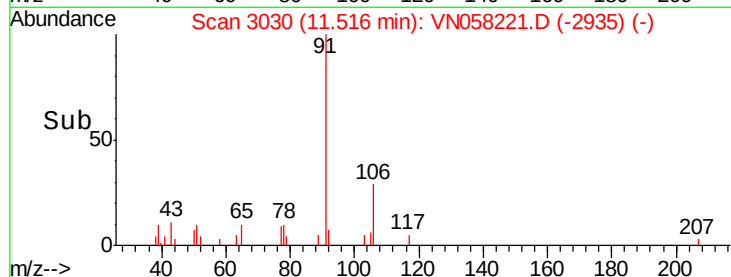
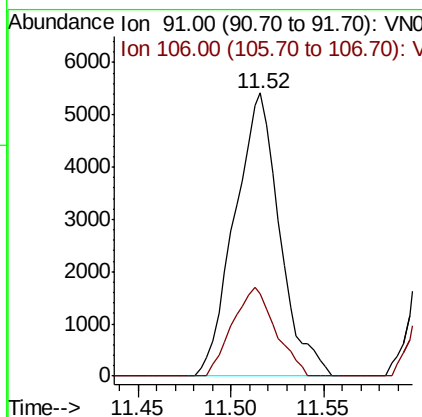
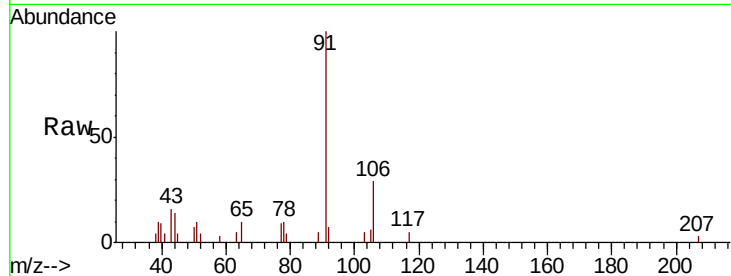




#67
Ethyl Benzene
Concen: 0.436 ug/l
RT: 11.52 min Scan# 3030
Delta R.T. 0.01 min
Lab File: VN058221.D
Acq: 19 Sep 2019 21:50

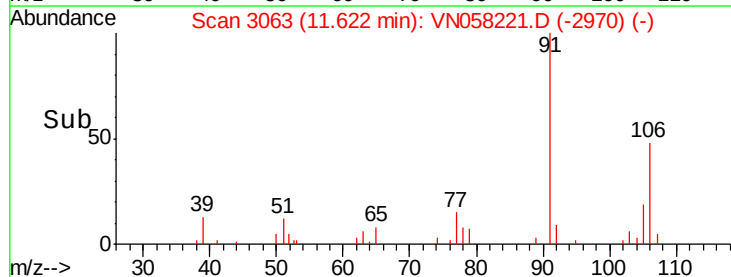
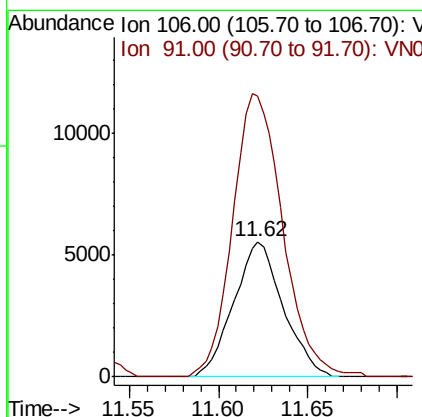
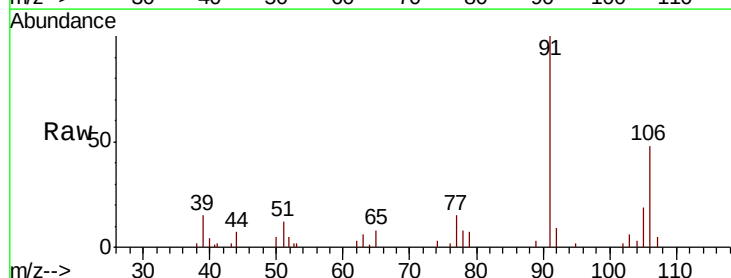
Instrument :
MSVOA_N
ClientSampled :
30356

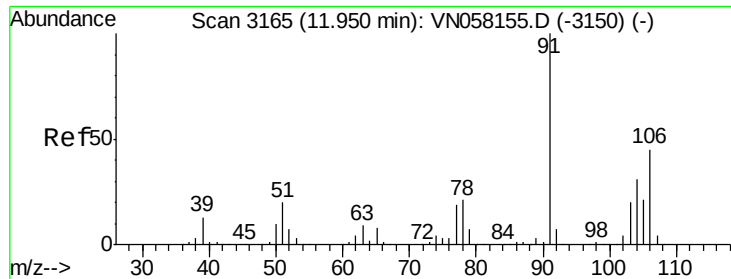
Tot Ion: 91 Resp: 9121
Ion Ratio Lower Upper
91 100
106 29.3 24.0 36.0



#68
m/p-Xylenes
Concen: 1.362 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058221.D
Acq: 19 Sep 2019 21:50

Tgt Ion: 106 Resp: 10738
Ion Ratio Lower Upper
106 100
91 212.4 163.6 245.4

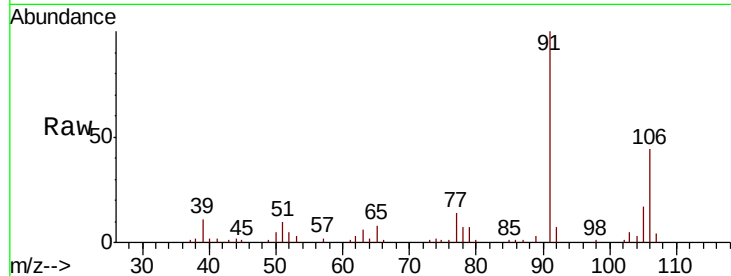




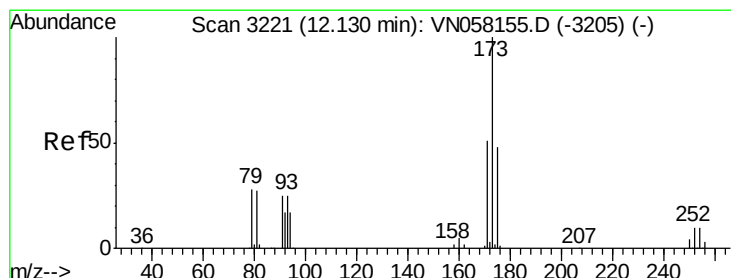
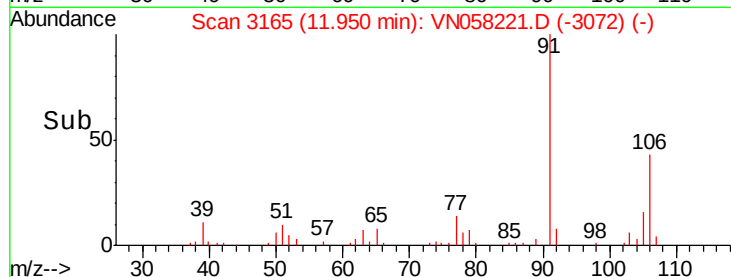
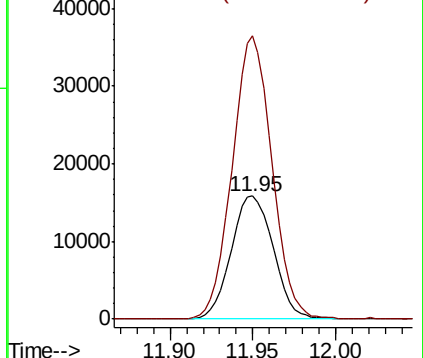
#69
o-Xylene
Concen: 3.624 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058221.D
Acq: 19 Sep 2019 21:50

Instrument :
MSVOA_N
ClientSampled :
30356

Tot Ion:106 Resp: 28095
Ion Ratio Lower Upper
106 100
91 216.5 111.8 335.3

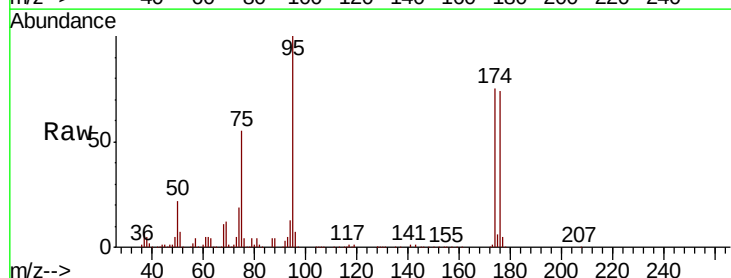


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

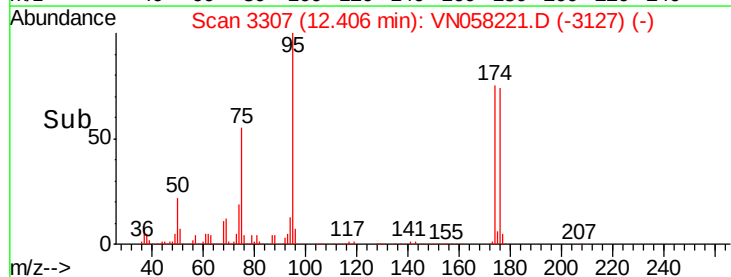
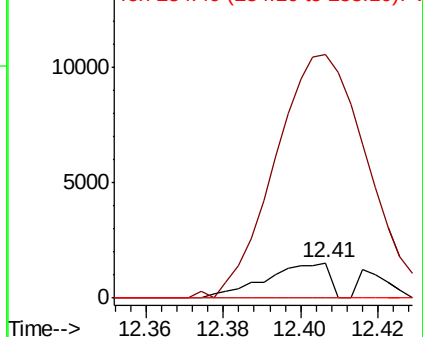


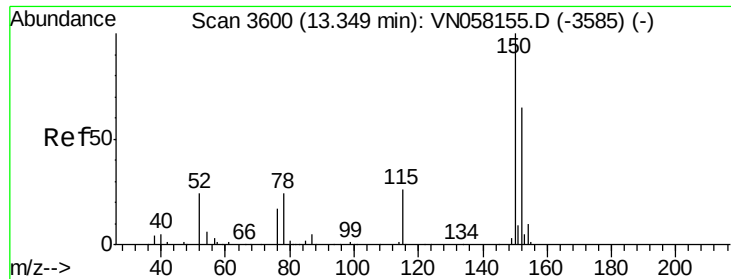
#71
Bromoform
Concen: 4.083 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN058221.D
Acq: 19 Sep 2019 21:50

Tgt Ion:173 Resp: 1725
Ion Ratio Lower Upper
173 100
175 881.7 24.2 72.6#
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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

Instrument :

MSVOA_N

ClientSampled :

30356

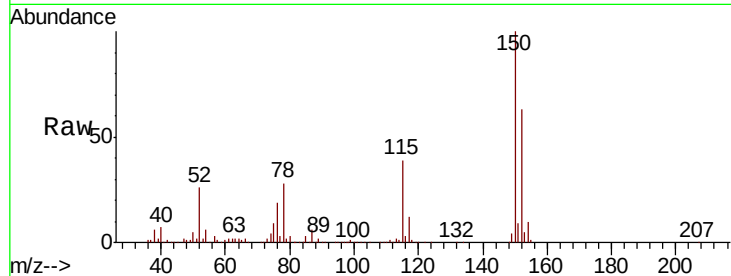
Tot Ion:152 Resp: 289659

Ion Ratio Lower Upper

152 100

115 61.3 30.1 90.3

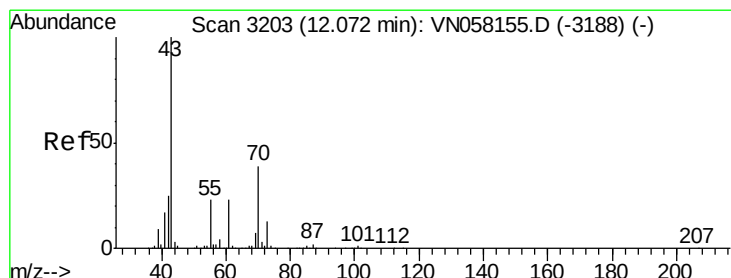
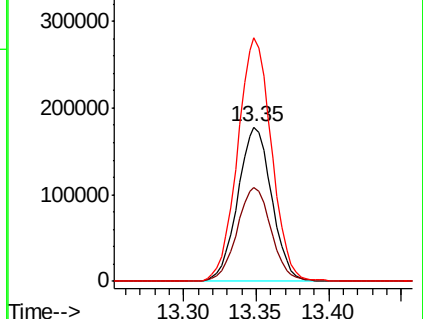
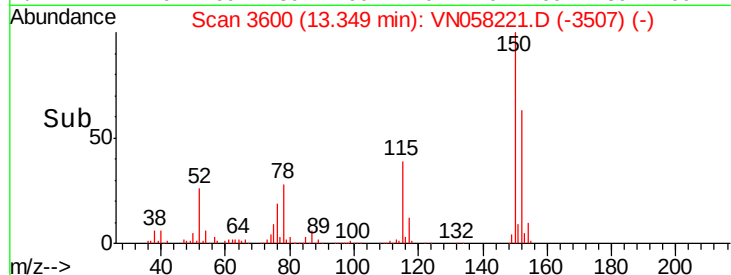
150 157.4 0.0 346.4



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



#74

N-ethyl acetate

Concen: 0.245 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

Tgt Ion: 43 Resp: 1862

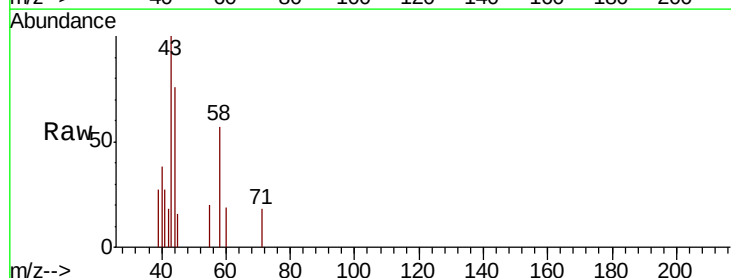
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 13.9 18.5 27.7#

61 0.0 18.2 27.2#

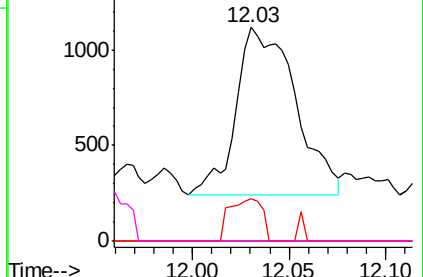
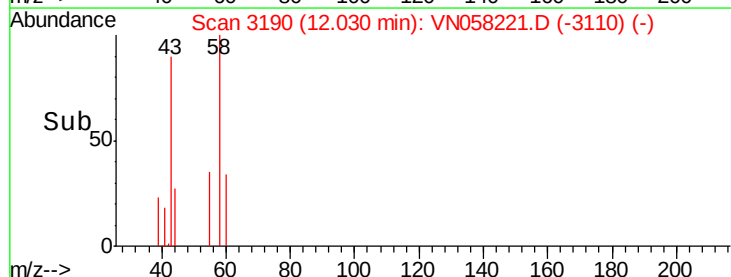


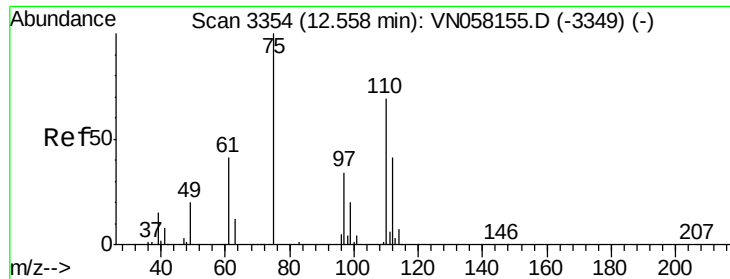
Abundance Ion 43.00 (42.70 to 43.70): V

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





#76

1,2,3-Trichloropropane

Concen: 33.305 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

Instrument :

MSVOA_N

ClientSampleId :

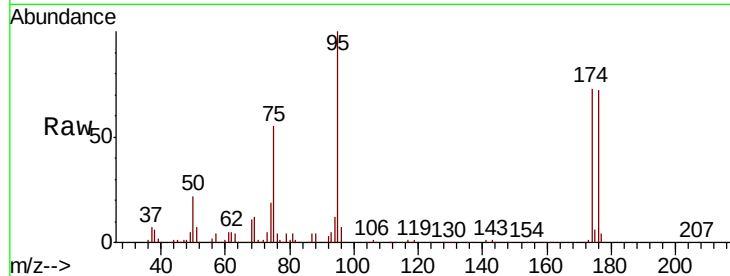
30356

Tot Ion: 75 Resp: 172652

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN058155.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN058155.D (-3349) (-)

120000

100000

80000

60000

40000

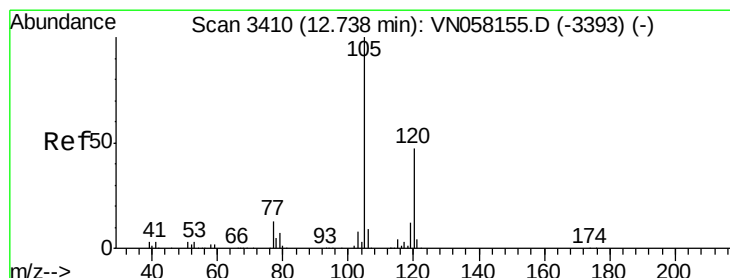
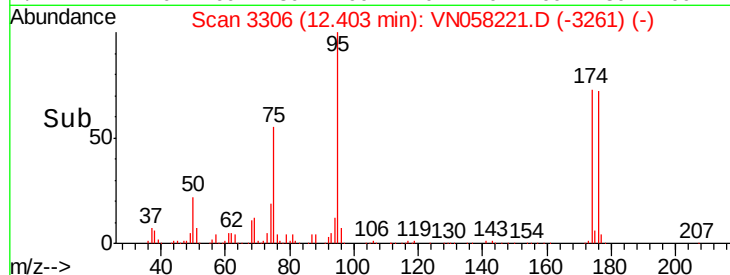
20000

0

12.40

12.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.422 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058221.D

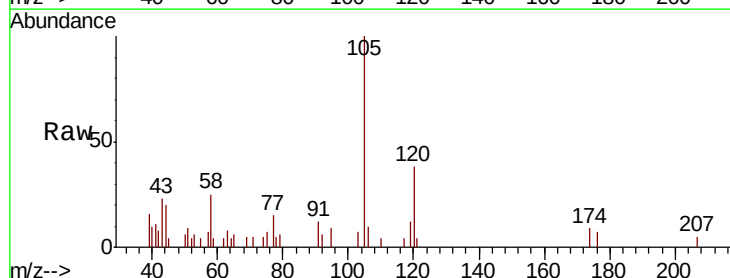
Acq: 19 Sep 2019 21:50

Tgt Ion: 105 Resp: 6469

Ion Ratio Lower Upper

105 100

120 42.4 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN058155.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN058155.D (-3393) (-)

4000

3000

2000

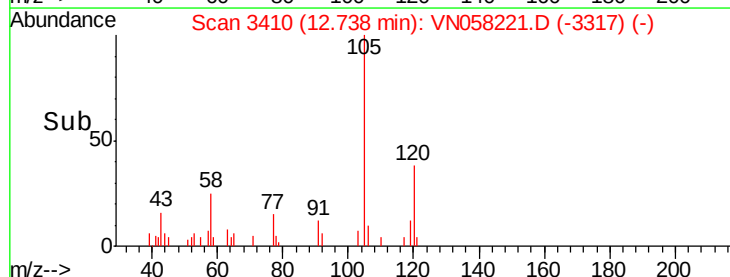
1000

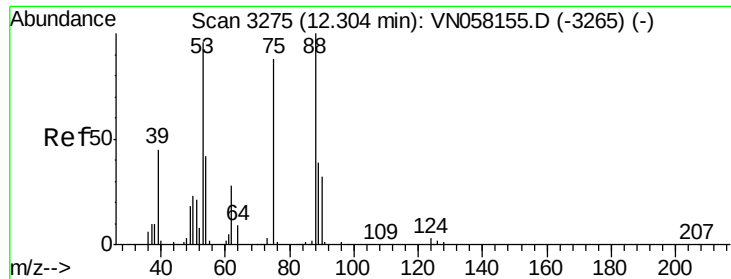
0

12.74

12.75

Time-->

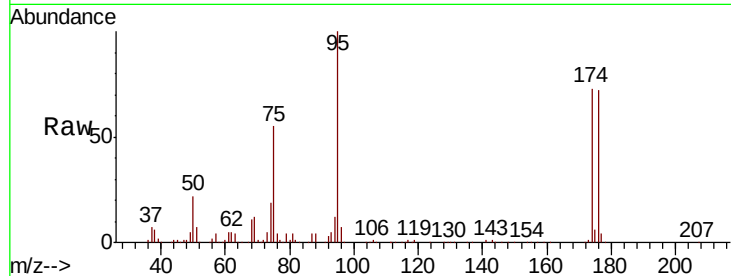




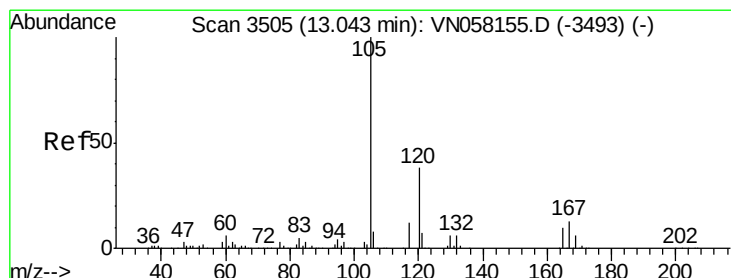
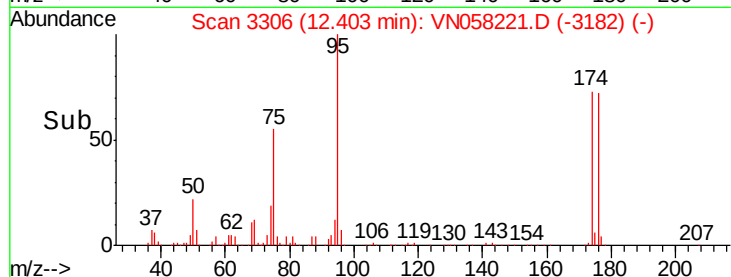
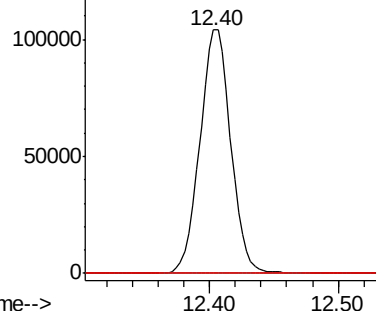
#81
trans-1,4-Dichloro-2-butene
Concen: 93.445 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN058221.D
Acq: 19 Sep 2019 21:50

Instrument :
MSVOA_N
ClientSampled :
30356

Tot Ion: 75 Resp: 172652
Ion Ratio Lower Upper
75 100
53 0.0 90.1 135.1#
89 0.0 36.2 54.2#

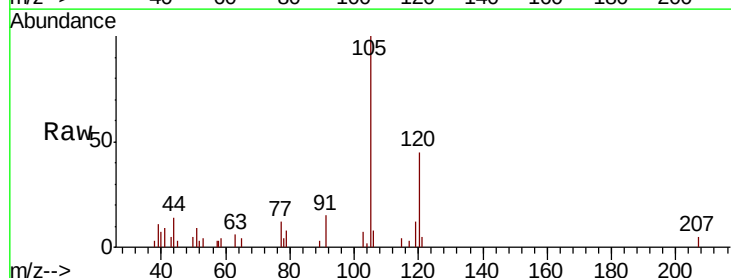


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

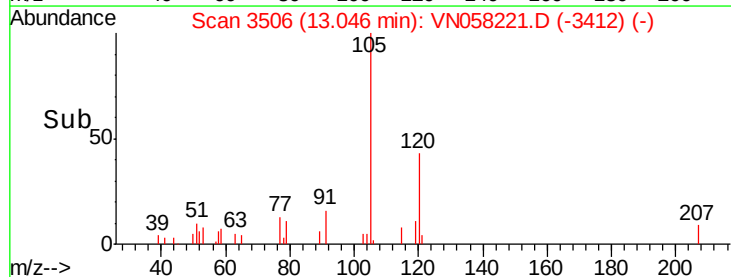
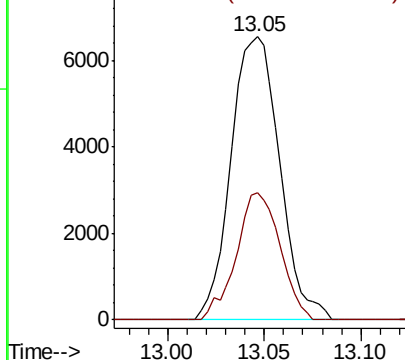


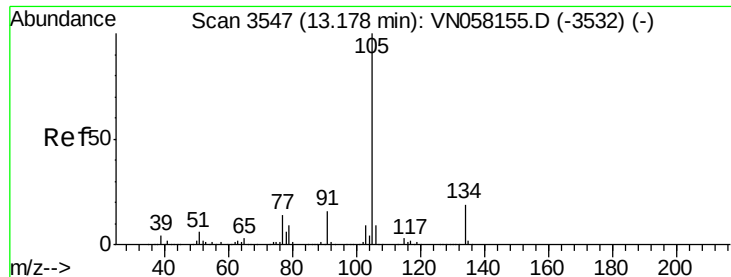
#84
1,2,4-Trimethylbenzene
Concen: 0.751 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN058221.D
Acq: 19 Sep 2019 21:50

Tgt Ion: 105 Resp: 11460
Ion Ratio Lower Upper
105 100
120 40.3 22.1 66.5



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





#85

sec-Butylbenzene

Concen: 0.641 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. -0.13 min

Lab File: VN058221.D

Acq: 19 Sep 2019 21:50

Instrument :

MSVOA_N

ClientSampled :

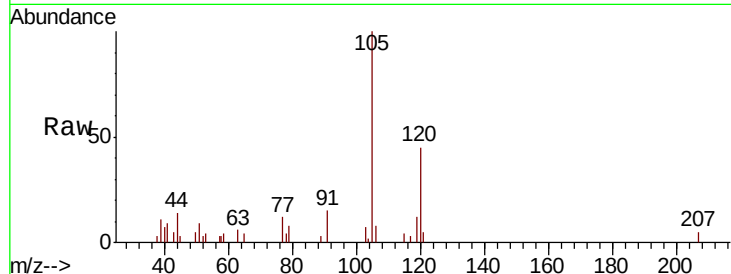
30356

Tot Ion:105 Resp: 11460

Ion Ratio Lower Upper

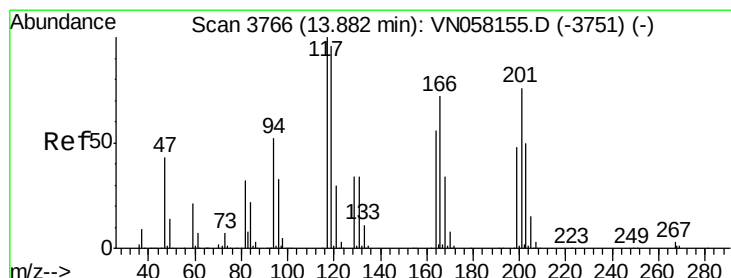
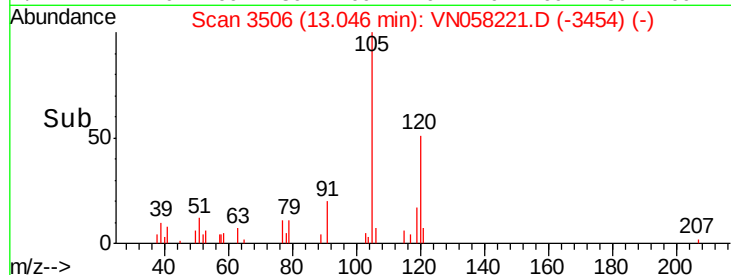
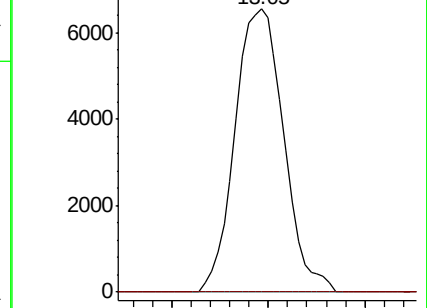
105 100

134 0.0 9.5 28.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 3.146 ug/l

RT: 13.90 min Scan# 3770

Delta R.T. 0.01 min

Lab File: VN058221.D

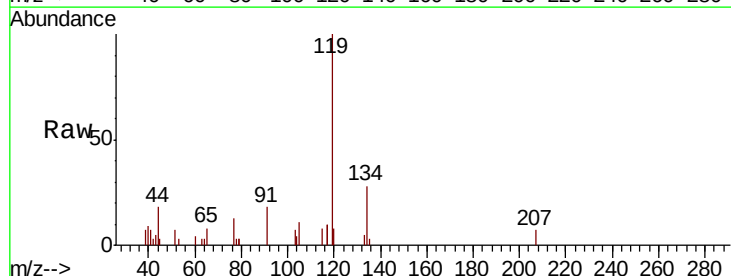
Acq: 19 Sep 2019 21:50

Tgt Ion:117 Resp: 956

Ion Ratio Lower Upper

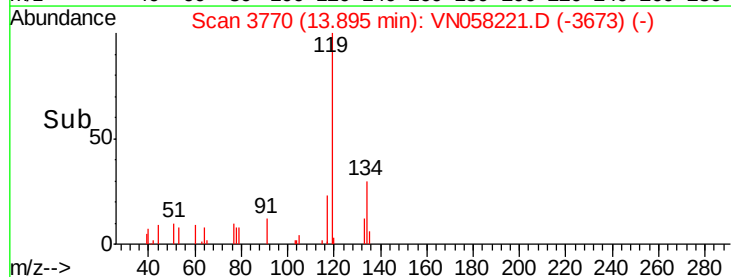
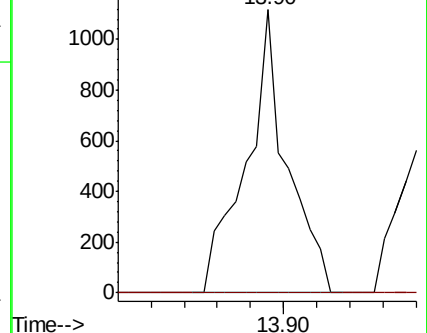
117 100

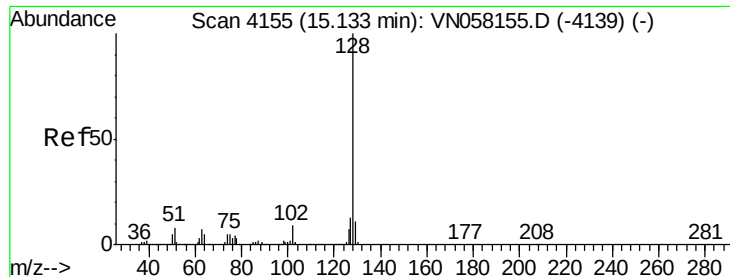
201 0.0 37.5 112.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

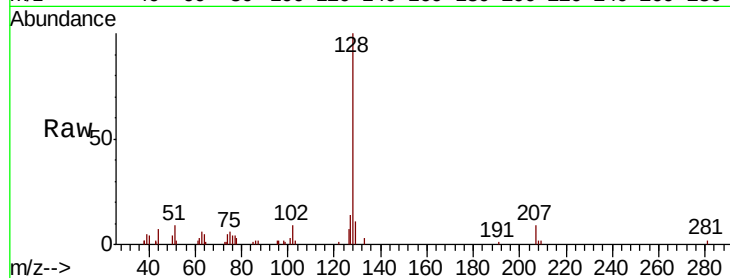




#95
Naphthalene
Concen: 1.947 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058221.D
Acq: 19 Sep 2019 21:50

Instrument :
MSVOA_N
ClientSampleId :
30356

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.2
129	11.3	8.6	12.8



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

