

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121819\
 Data File : VN059656.D
 Acq On : 18 Dec 2019 17:54
 Operator : JC/SP
 Sample : K6309-03DL 500X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 04:30:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	227337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	364033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	324504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132307	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	163870	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	7.57	113	114267	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.08	98	451327	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.40	95	150207	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	

Target Compounds

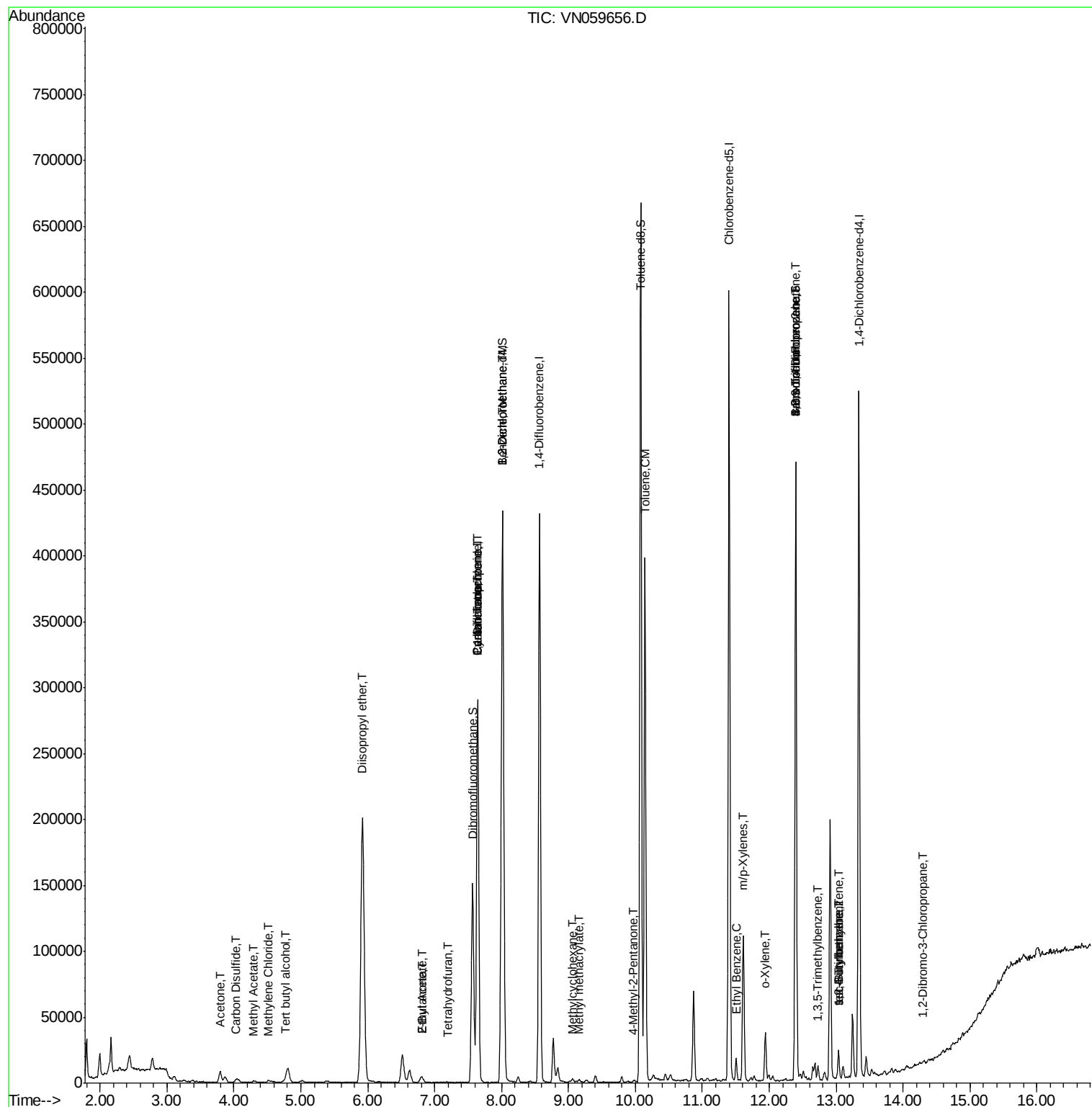
						Qvalue
11) Tert butyl alcohol	4.76	59	3167	5.222	ug/l #	72
16) Acetone	3.80	43	13715	6.983	ug/l	96
17) Carbon Disulfide	4.03	76	952	1.993	ug/l #	75
18) Methyl Acetate	4.30	43	2023	0.492	ug/l #	54
20) Methylene Chloride	4.51	84	848	0.299	ug/l #	60
22) Diisopropyl ether	5.92	45	9392	1.041	ug/l #	1
25) 2-Butanone	6.82	43	3811	1.623	ug/l	95
29) Tetrahydrofuran	7.20	42	404	0.282	ug/l #	35
31) Cyclohexane	7.64	56	6841	1.416	ug/l #	16
36) 1,1-Dichloropropene	7.64	75	19064	5.022	ug/l #	49
37) Ethyl Acetate	6.82	43	3811	0.864	ug/l #	69
38) Carbon Tetrachloride	7.64	117	23424	5.946	ug/l #	16
39) Methylcyclohexane	9.06	83	992	0.230	ug/l #	82
40) Benzene	8.02	78	302425	27.259	ug/l	99
42) 1,2-Dichloroethane	8.02	62	2964	0.698	ug/l #	78
48) Methyl methacrylate	9.16	41	1144	0.368	ug/l #	43
51) 4-Methyl-2-Pentanone	9.97	43	1342	0.328	ug/l #	64
52) Toluene	10.14	92	169089	24.805	ug/l	98
67) Ethyl Benzene	11.51	91	11898	0.939	ug/l	99
68) m/p-Xylenes	11.61	106	33156	7.084	ug/l	99
69) o-Xylene	11.94	106	9898	2.223	ug/l	96
71) Bromoform	12.40	173	952	0.475	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	79736	24.344	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5799	0.660	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	79736	60.128	ug/l #	11
83) tert-Butylbenzene	13.04	119	1571	0.211	ug/l #	83
84) 1,2,4-Trimethylbenzene	13.04	105	12210	1.397	ug/l	96
85) sec-Butylbenzene	13.04	105	12210	1.233	ug/l #	57
92) 1,2-Dibromo-3-Chloropropan	14.28	75	109	1.740	ug/l #	6

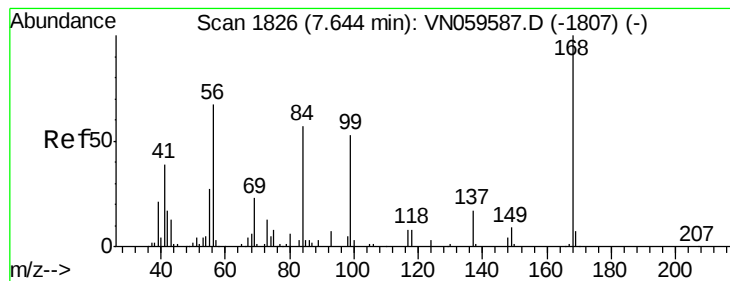
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

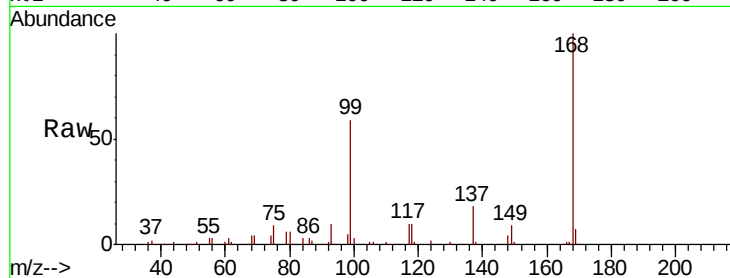
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 227337

Ion Ratio Lower Upper

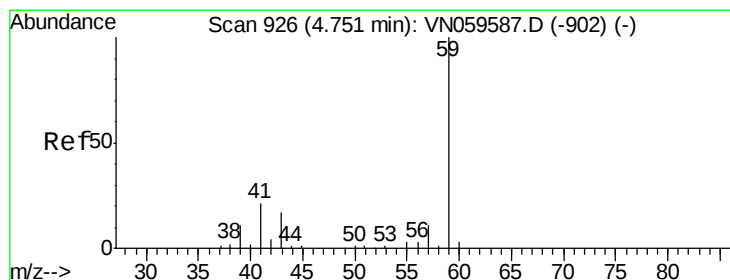
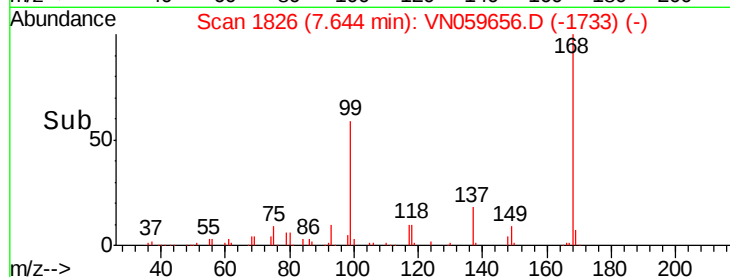
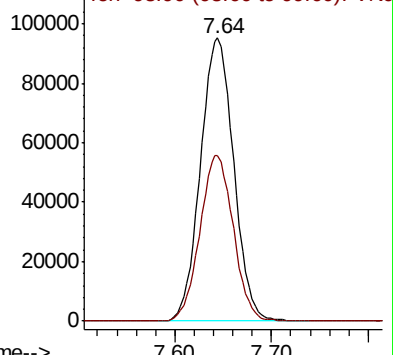
168 100

99 58.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 5.222 ug/l

RT: 4.76 min Scan# 928

Delta R.T. 0.01 min

Lab File: VN059656.D

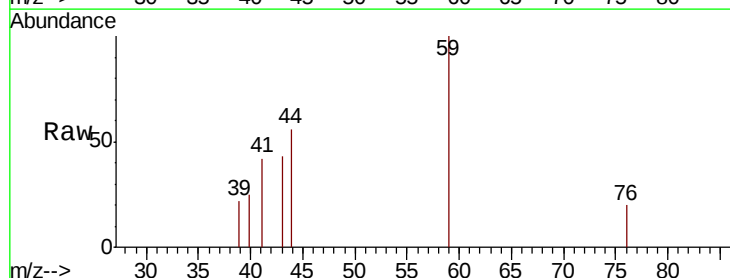
Acq: 18 Dec 2019 17:54

Tgt Ion: 59 Resp: 3167

Ion Ratio Lower Upper

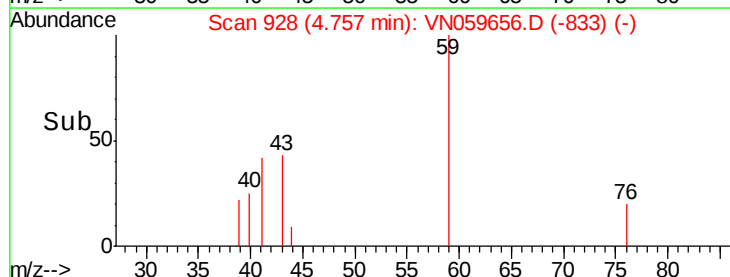
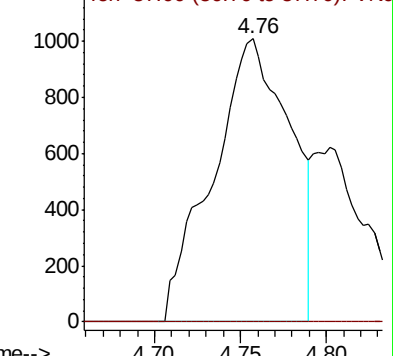
59 100

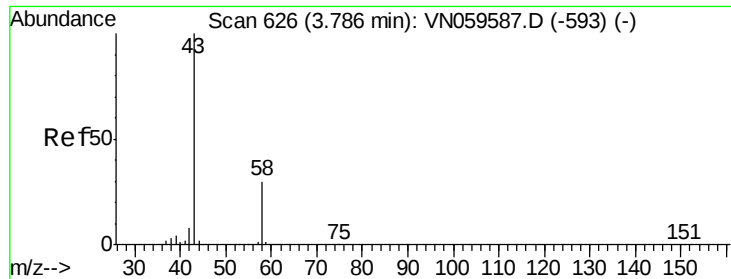
57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 6.983 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

Instrument :

MSVOA_N

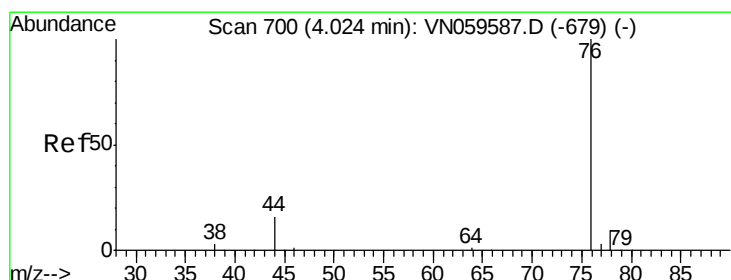
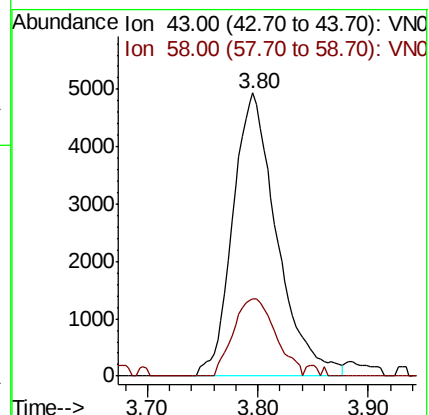
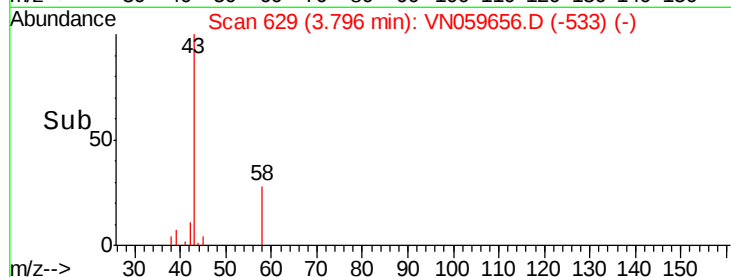
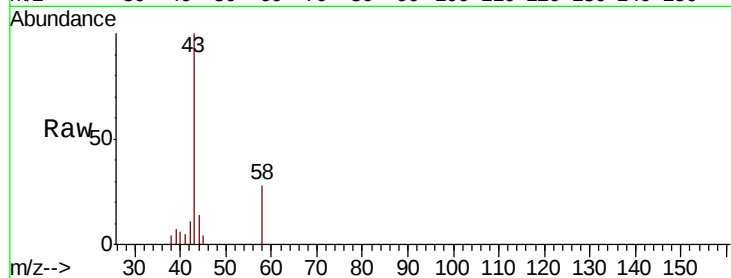
ClientSampleId :

Tot Ion: 43 Resp: 13715

Ion Ratio Lower Upper

43 100

58 27.5 23.6 35.4



#17

Carbon Disulfide

Concen: 1.993 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN059656.D

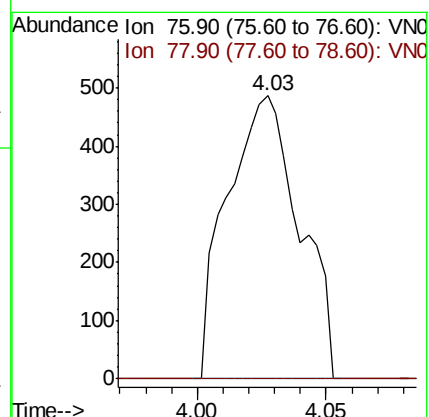
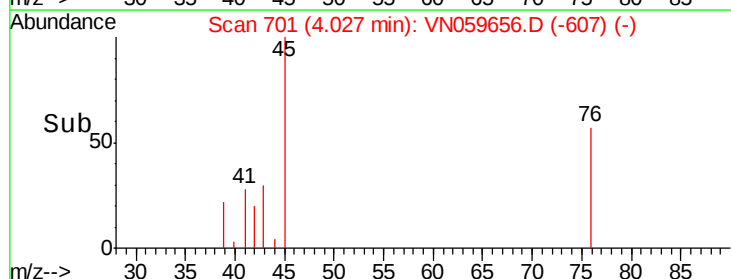
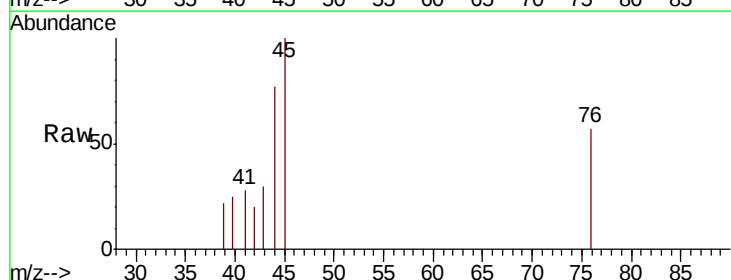
Acq: 18 Dec 2019 17:54

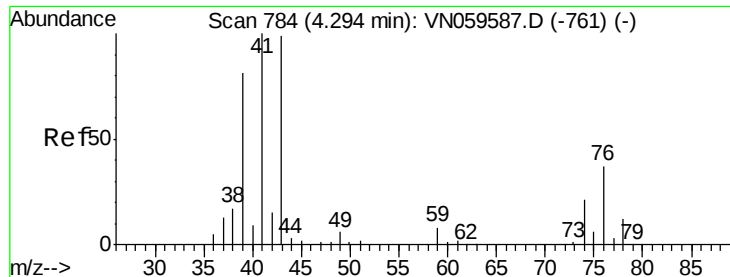
Tgt Ion: 76 Resp: 952

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

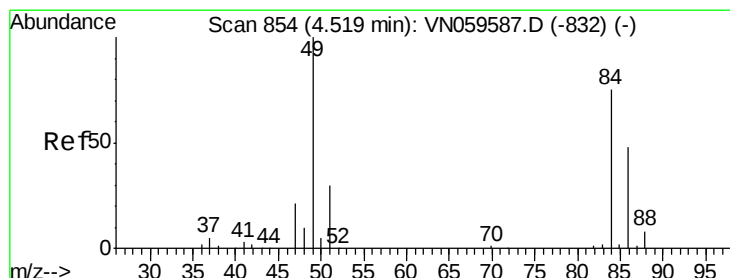
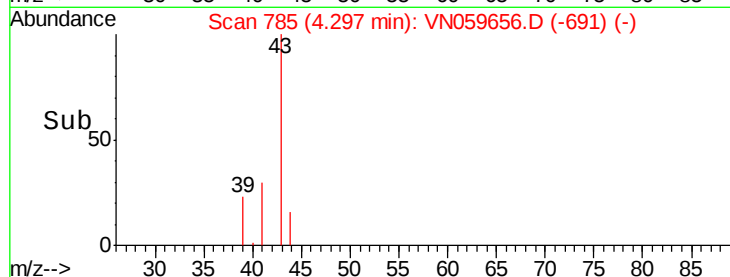
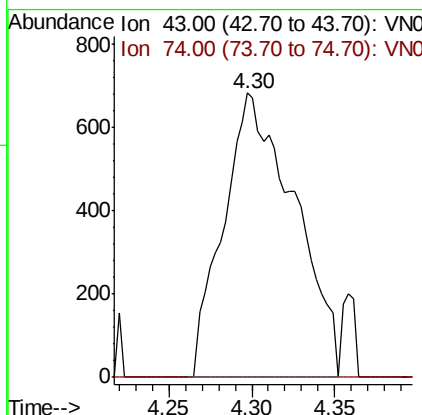
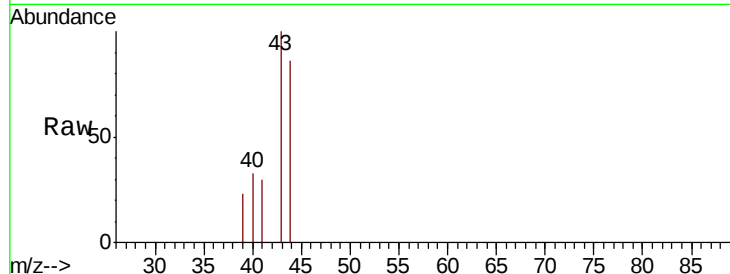




#18
Methyl Acetate
Concen: 0.492 ug/l
RT: 4.30 min Scan# 785
Delta R.T. 0.00 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

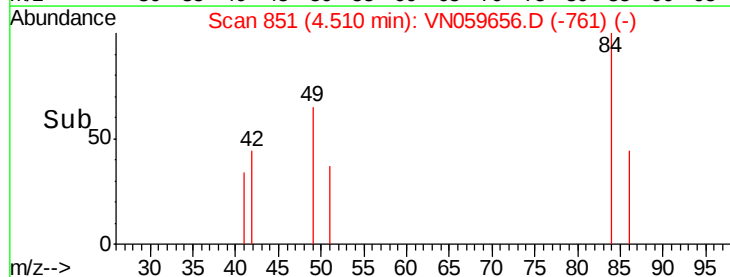
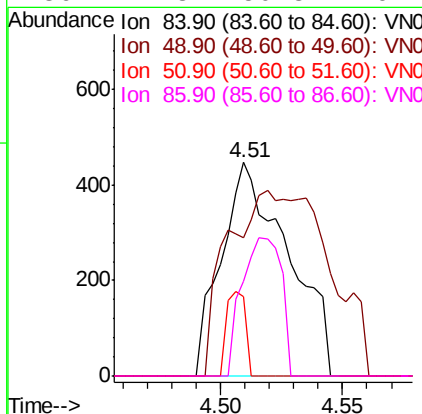
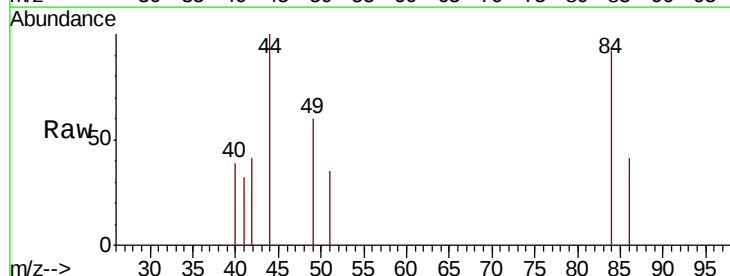
Instrument :
MSVOA_N
ClientSampleId :

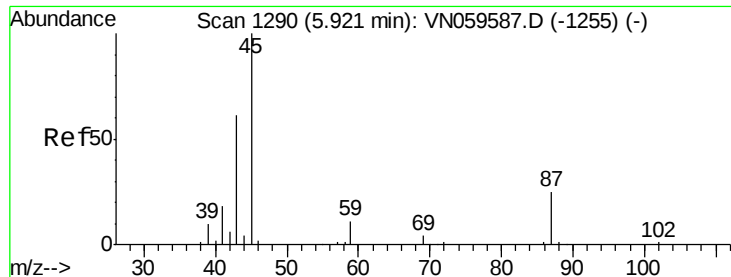
Tot Ion: 43 Resp: 2023
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 4.51 min Scan# 851
Delta R.T. -0.01 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

Tgt Ion: 84 Resp: 848
Ion Ratio Lower Upper
84 100
49 64.9 106.6 160.0#
51 37.4 31.9 47.9
86 44.3 50.8 76.2#





#22

Diisopropyl ether

Concen: 1.041 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. 0.00 min

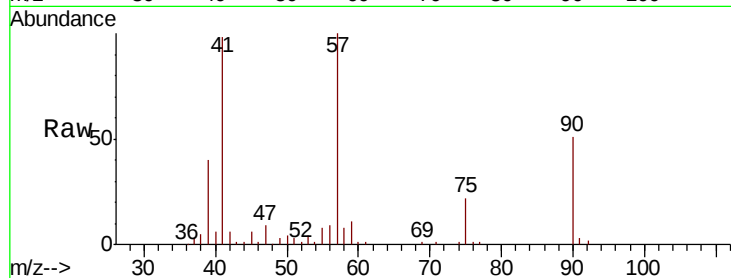
Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :



Tot Ion: 45 Resp: 9392

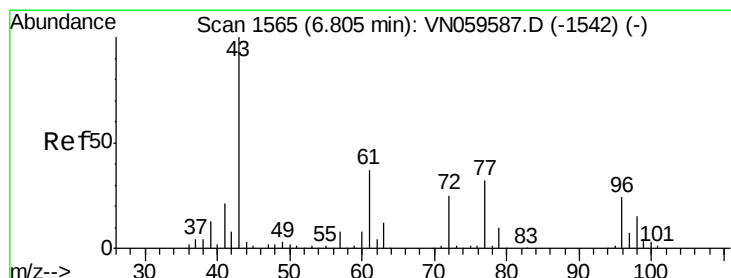
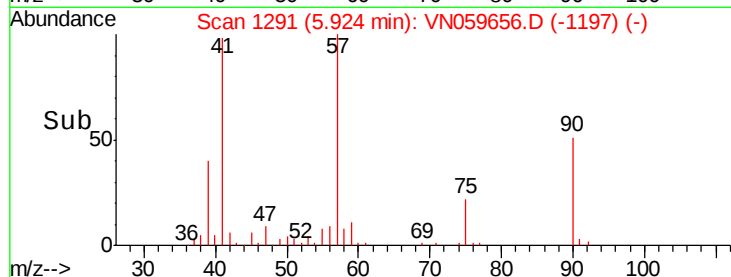
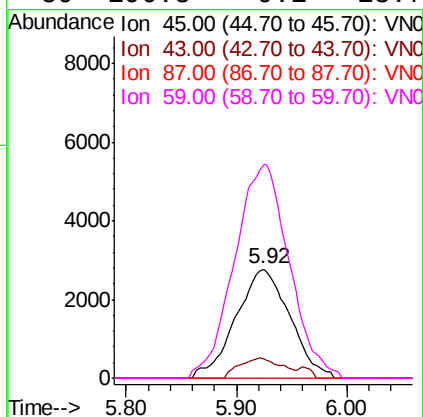
Ion Ratio Lower Upper

45 100

43 17.2 50.8 76.2#

87 0.0 21.0 31.6#

59 196.3 9.1 13.7#



#25

2-Butanone

Concen: 1.623 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.02 min

Lab File: VN059656.D

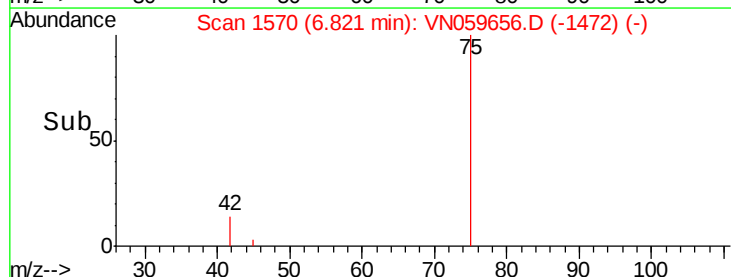
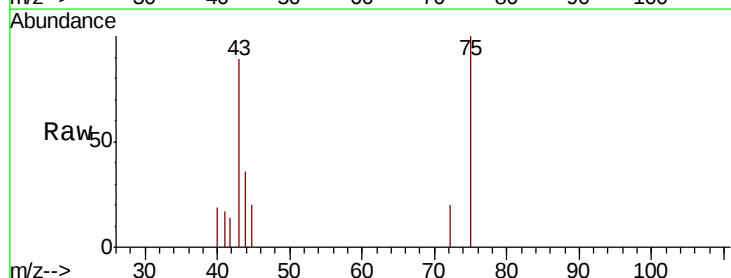
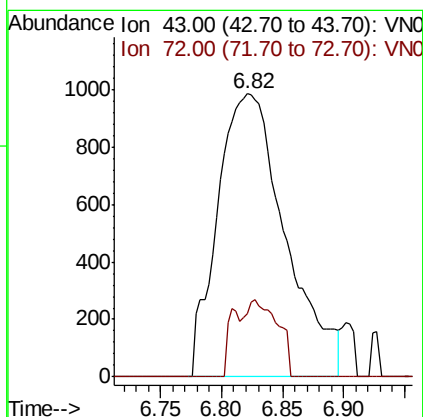
Acq: 18 Dec 2019 17:54

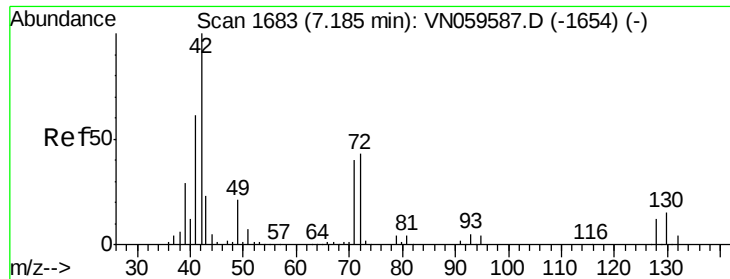
Tgt Ion: 43 Resp: 3811

Ion Ratio Lower Upper

43 100

72 22.2 19.9 29.9

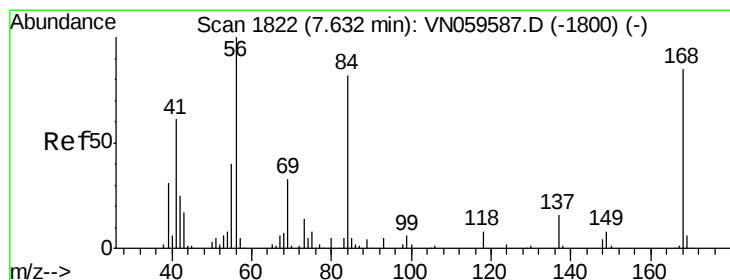
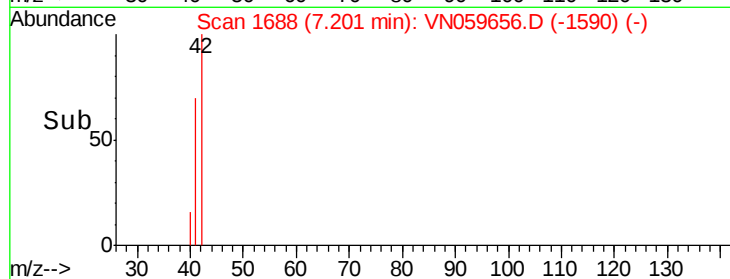
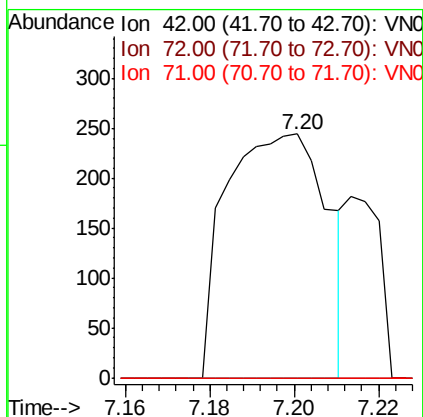
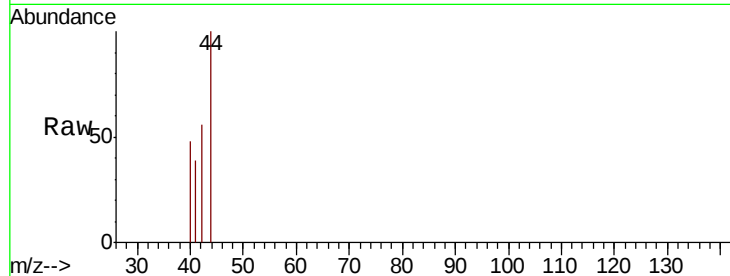




#29
Tetrahydrofuran
Concen: 0.282 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.02 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

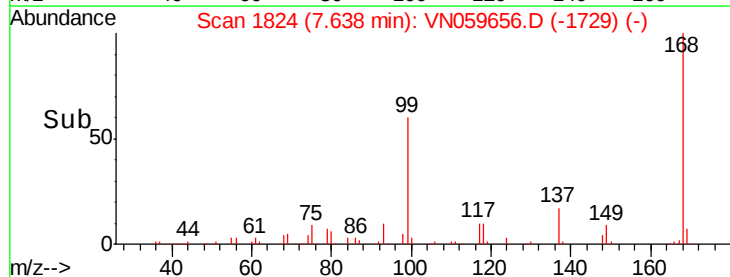
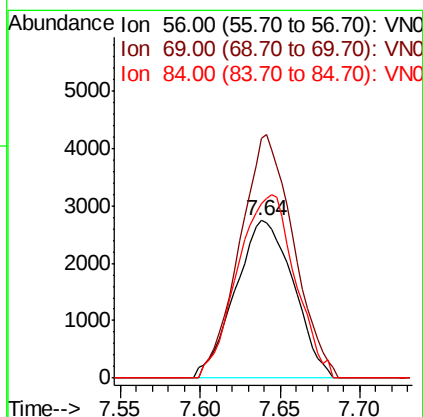
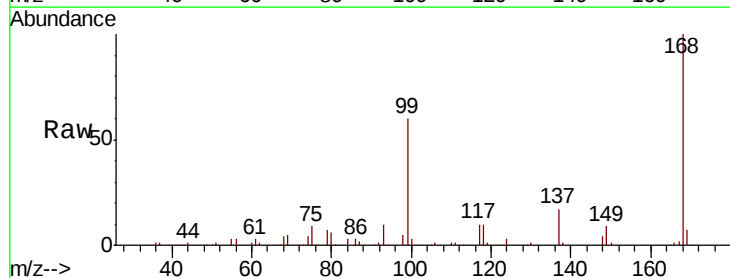
Instrument :
MSVOA_N
ClientSampled :

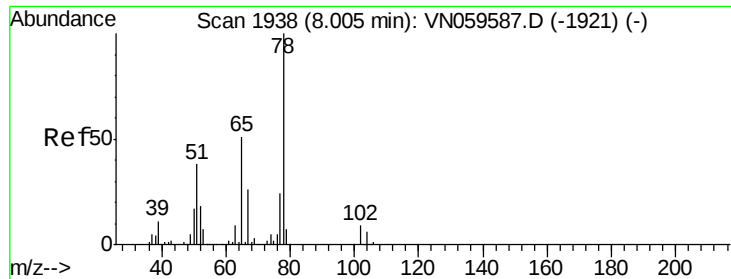
Tot Ion: 42 Resp: 404
Ion Ratio Lower Upper
42 100
72 0.0 33.1 49.7#
71 0.0 31.4 47.0#



#31
Cyclohexane
Concen: 1.416 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

Tgt Ion: 56 Resp: 6841
Ion Ratio Lower Upper
56 100
69 152.2 26.5 39.7#
84 110.5 65.3 97.9#

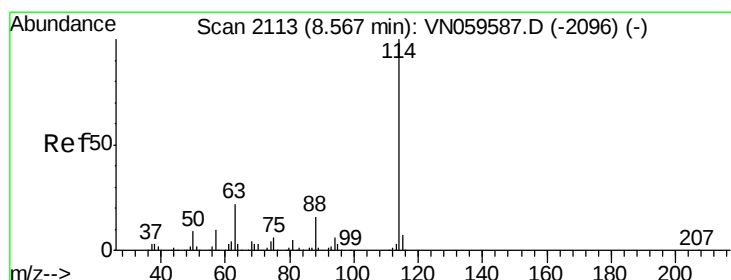
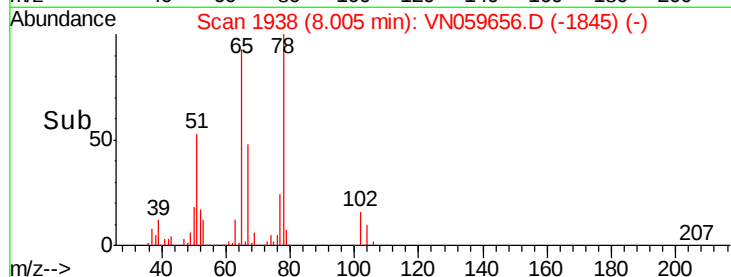
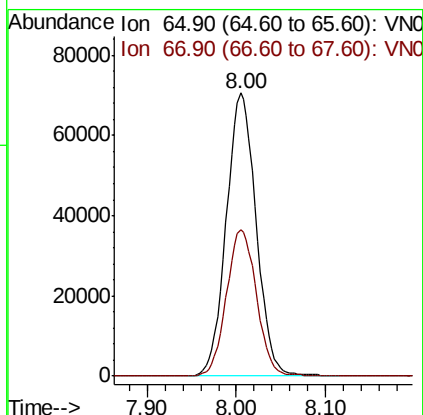
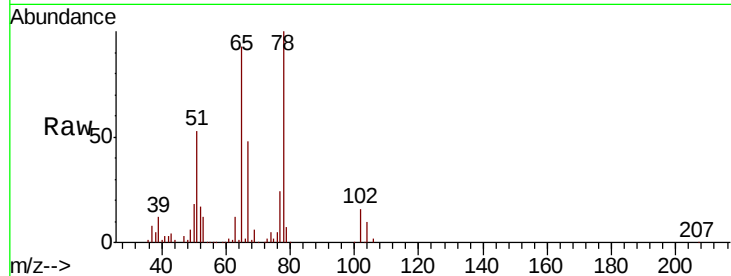




#33
 1,2-Dichloroethane-d4
 Concen: 49.536 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059656.D
 Acq: 18 Dec 2019 17:54

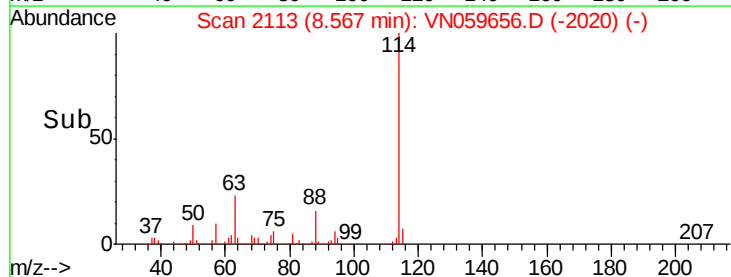
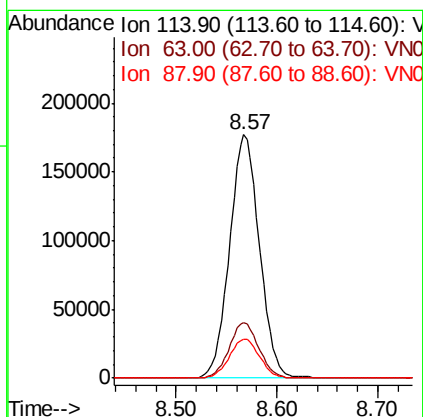
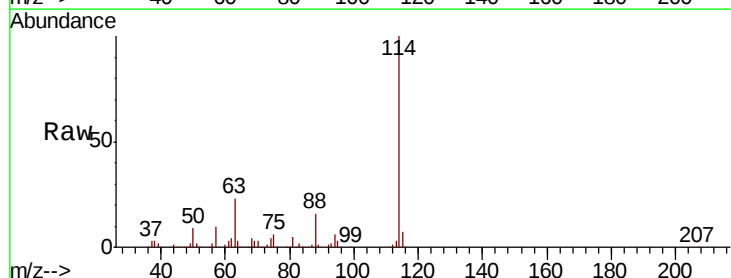
Instrument :
 MSVOA_N
 ClientSampleId :

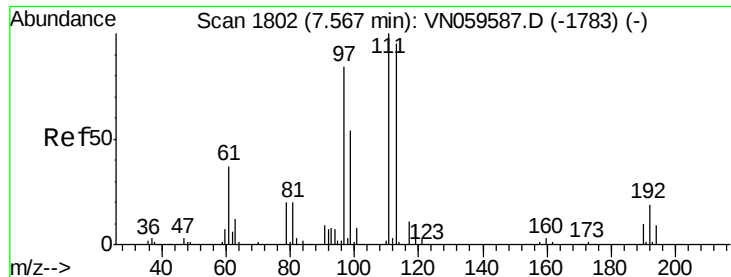
Tot Ion: 65 Resp: 163870
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059656.D
 Acq: 18 Dec 2019 17:54

Tgt Ion: 114 Resp: 364033
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.6
 88 16.1 0.0 31.4

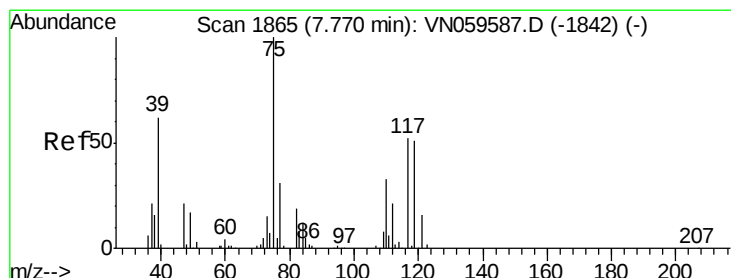
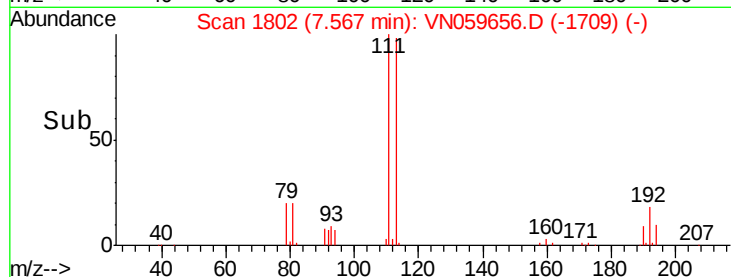
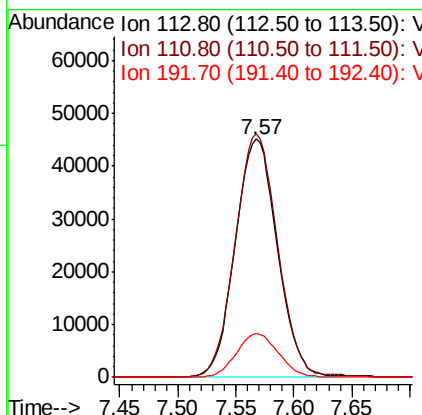
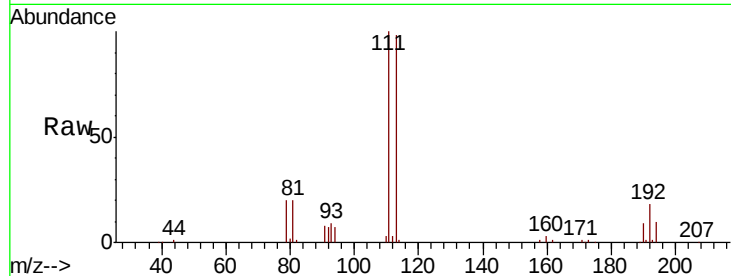




#35
 Dibromofluoromethane
 Concen: 50.168 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059656.D
 Acq: 18 Dec 2019 17:54

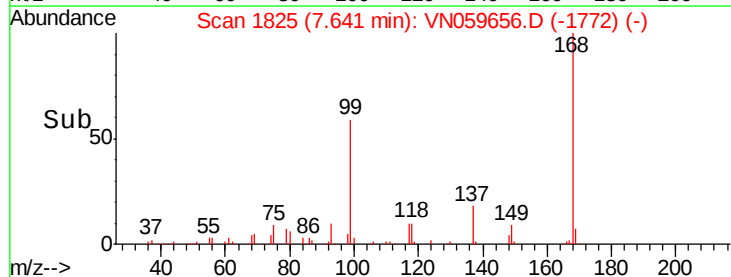
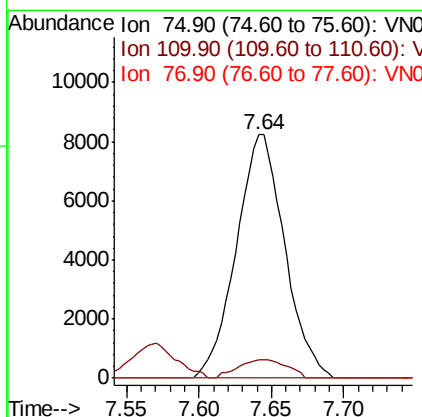
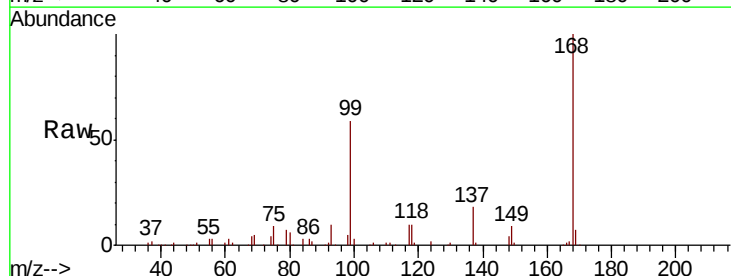
Instrument :
 MSVOA_N
 ClientSampleId :

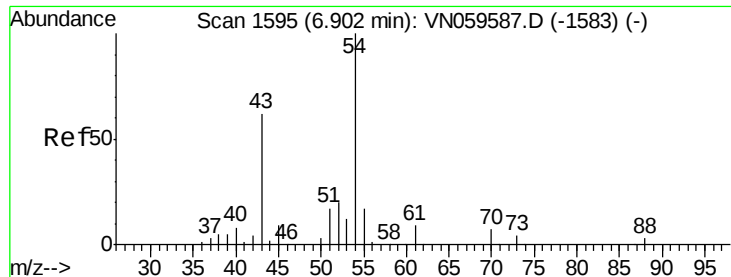
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.5	125.3
192	18.3	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 5.022 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059656.D
 Acq: 18 Dec 2019 17:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	16.6	49.7#
77	0.0	25.1	37.7#

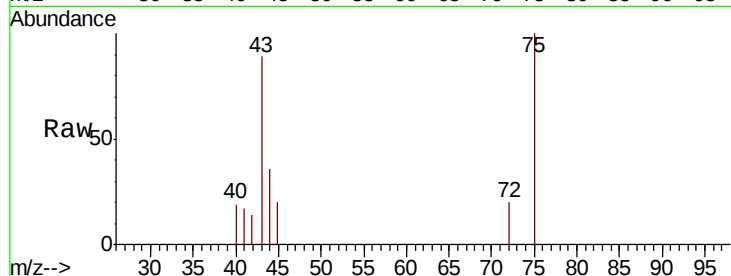




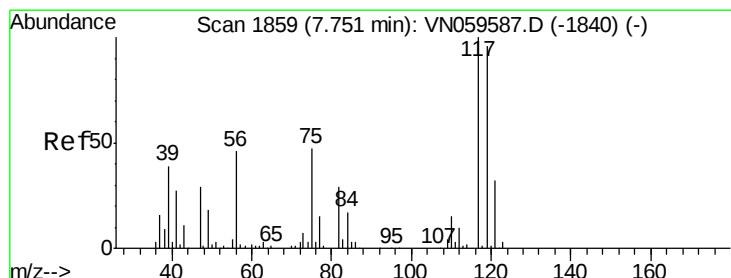
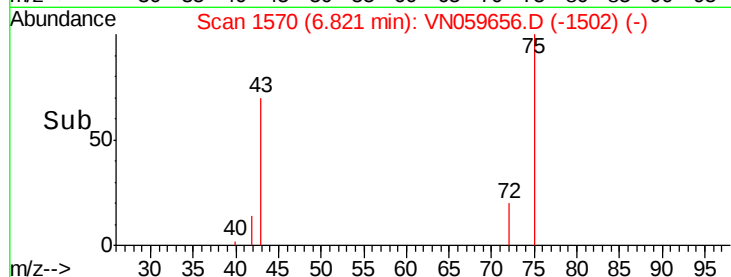
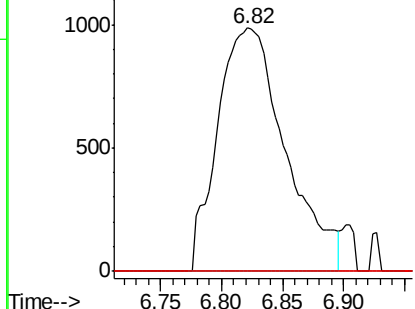
#37
Ethyl Acetate
Concen: 0.864 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.08 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3811
Ion Ratio Lower Upper
43 100
61 0.0 10.9 16.3#
70 0.0 7.7 11.5#

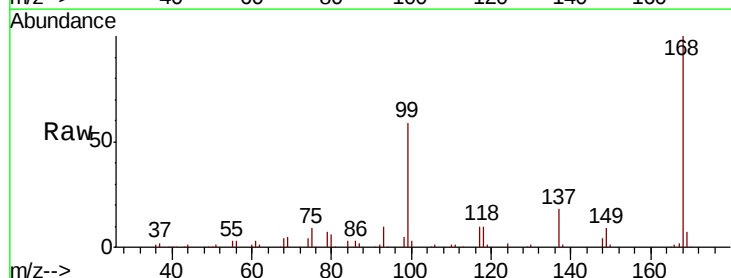


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

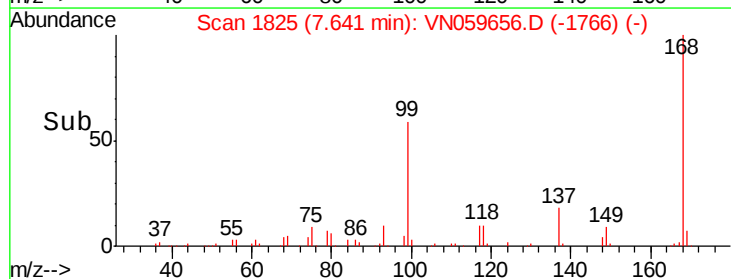
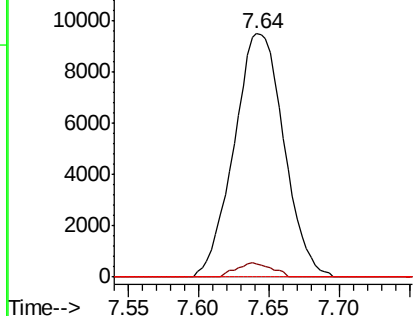


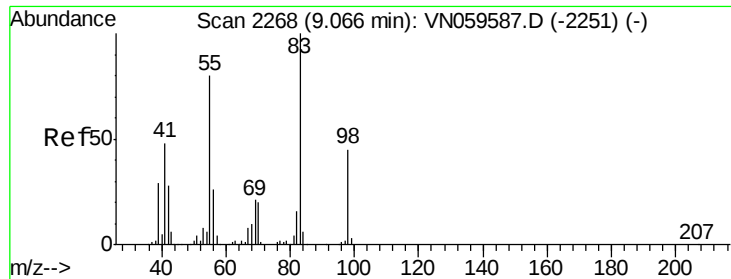
#38
Carbon Tetrachloride
Concen: 5.946 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

Tgt Ion: 117 Resp: 23424
Ion Ratio Lower Upper
117 100
119 5.7 76.5 114.7#
121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

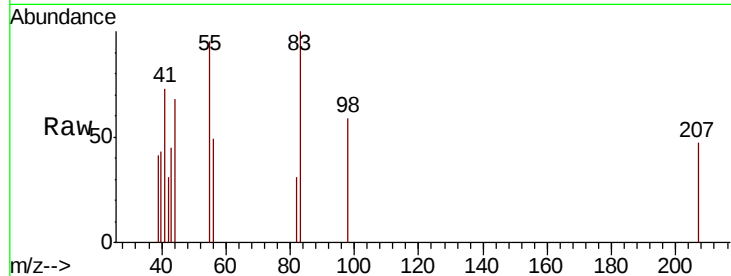




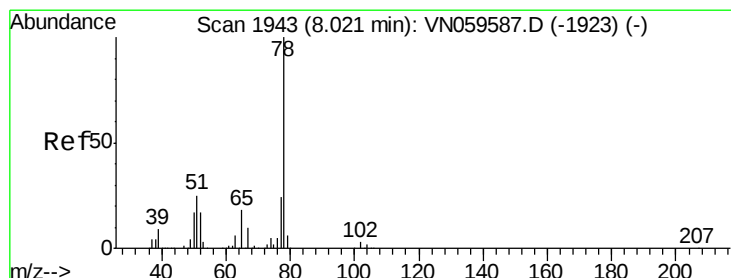
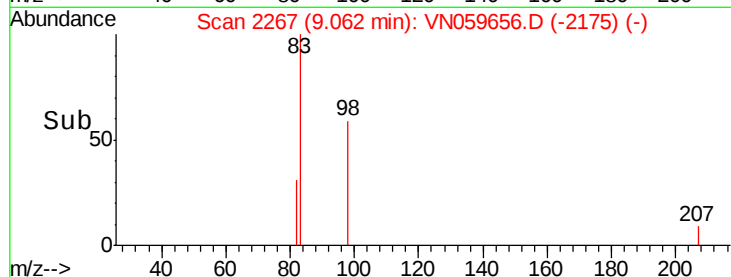
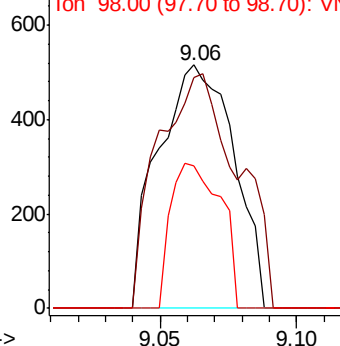
#39
Methvlcvclohexane
Concen: 0.230 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 992
Ion Ratio Lower Upper
83 100
55 94.6 64.2 96.2
98 58.7 35.9 53.9#

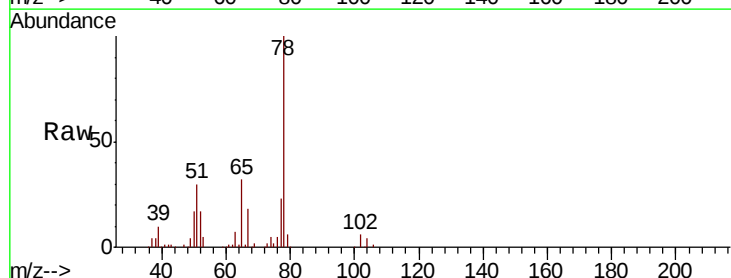


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

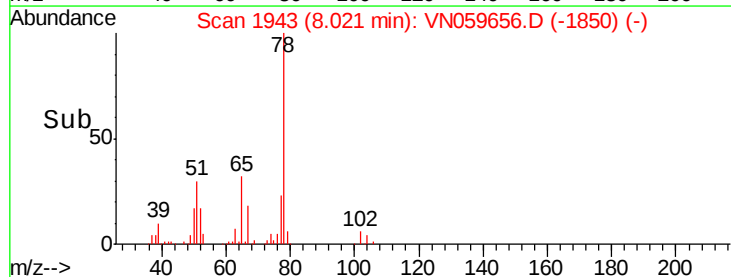
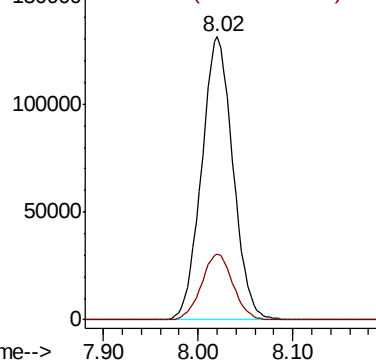


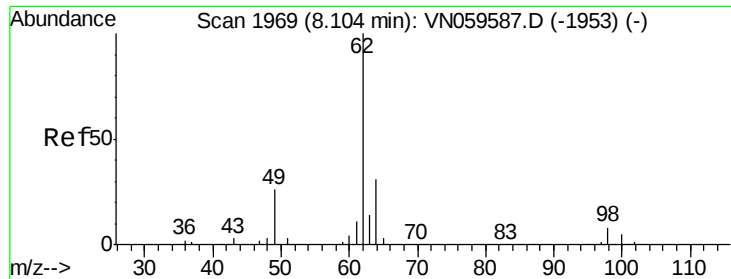
#40
Benzene
Concen: 27.259 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

Tgt Ion: 78 Resp: 302425
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3



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





#42

1,2-Dichloroethane

Concen: 0.698 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.08 min

Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

Instrument :

MSVOA_N

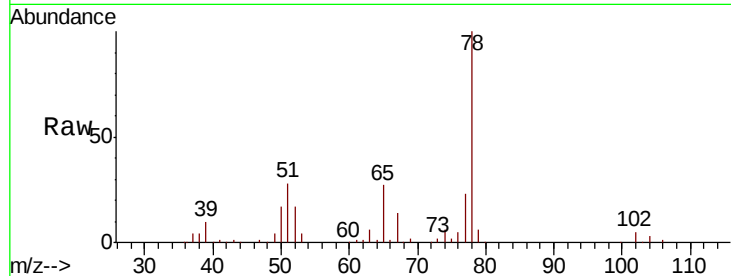
ClientSampleId :

Tot Ion: 62 Resp: 2964

Ion Ratio Lower Upper

62 100

98 0.0 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

1500

1000

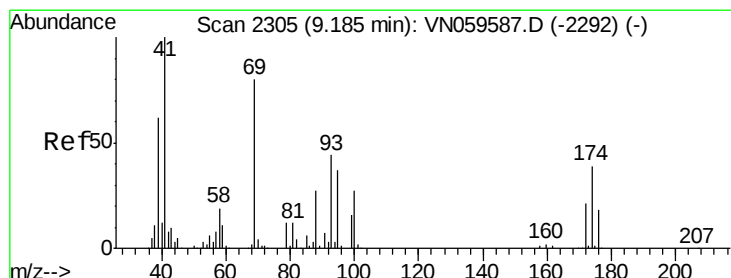
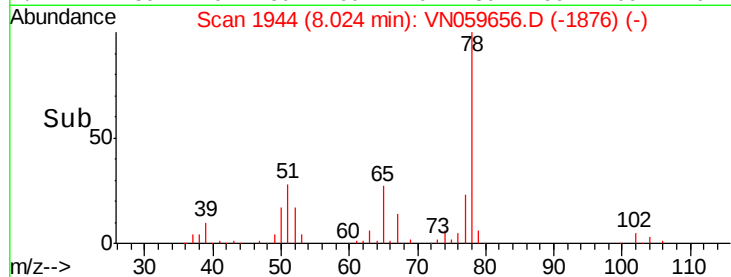
500

0

Time-->

7.95 8.00 8.05

8.02



#48

Methyl methacrylate

Concen: 0.368 ug/l

RT: 9.16 min Scan# 2296

Delta R.T. -0.03 min

Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

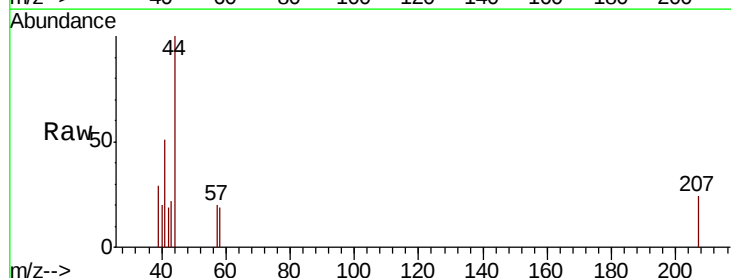
Tgt Ion: 41 Resp: 1144

Ion Ratio Lower Upper

41 100

69 0.0 64.4 96.6#

39 52.9 51.3 76.9



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

600

400

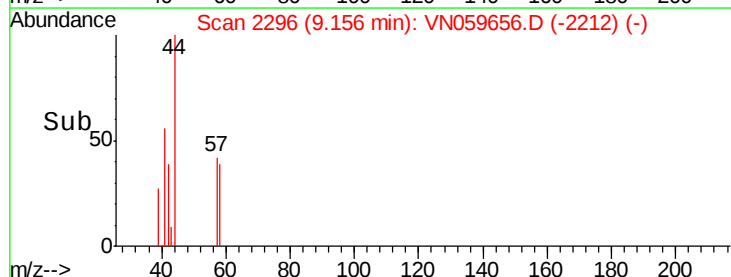
200

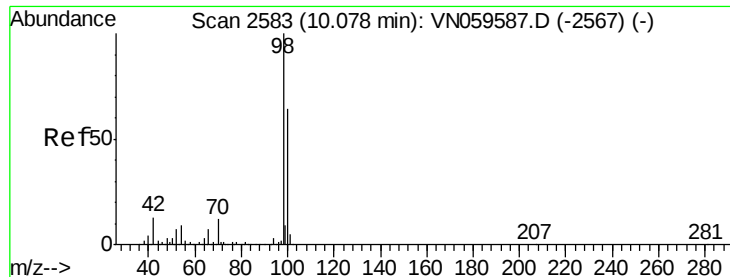
0

Time-->

9.10 9.15 9.20

9.16





#50

Toluene-d8

Concen: 50.049 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

Instrument :

MSVOA_N

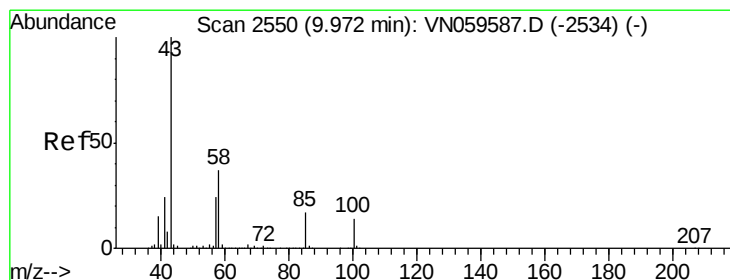
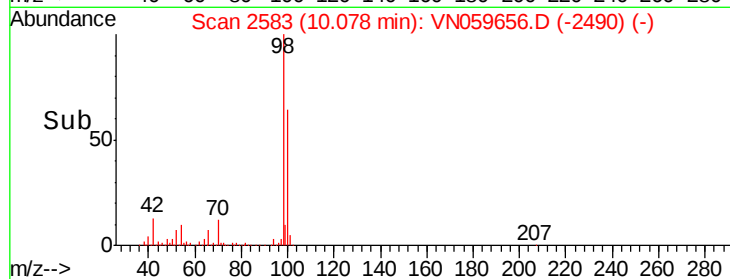
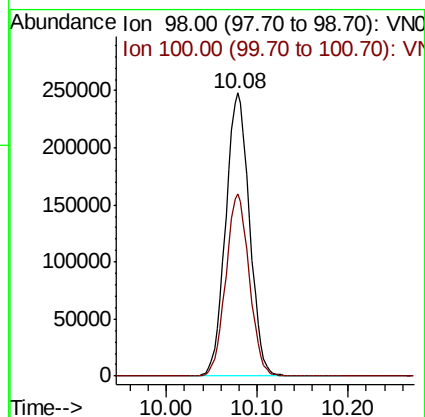
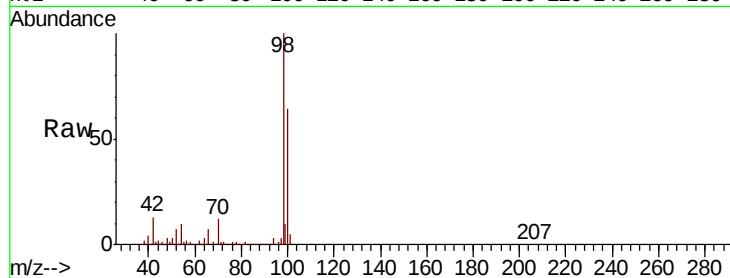
ClientSampled :

Tot Ion: 98 Resp: 451327

Ion Ratio Lower Upper

98 100

100 63.3 51.2 76.8



#51

4-Methyl-2-Pentanone

Concen: 0.328 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059656.D

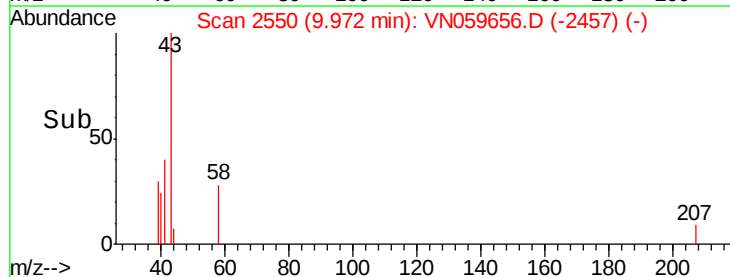
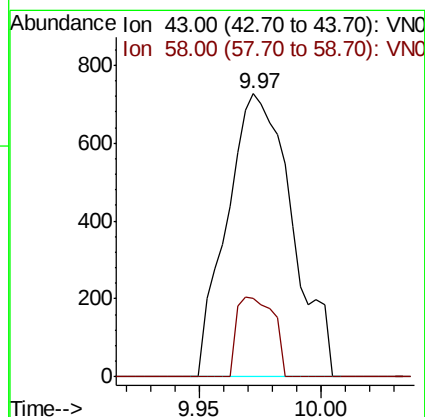
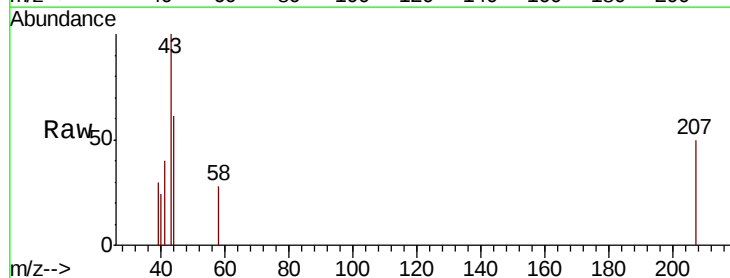
Acq: 18 Dec 2019 17:54

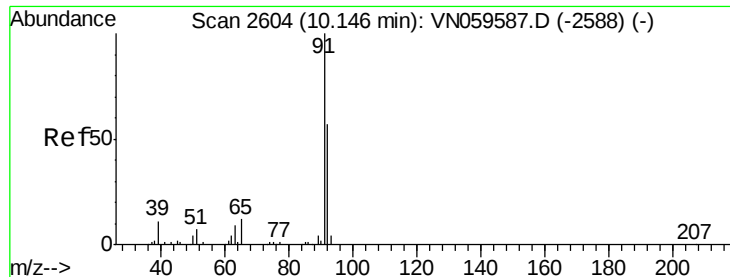
Tgt Ion: 43 Resp: 1342

Ion Ratio Lower Upper

43 100

58 15.8 29.8 44.8#





#52

Toluene

Concen: 24.805 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

Instrument :

MSVOA_N

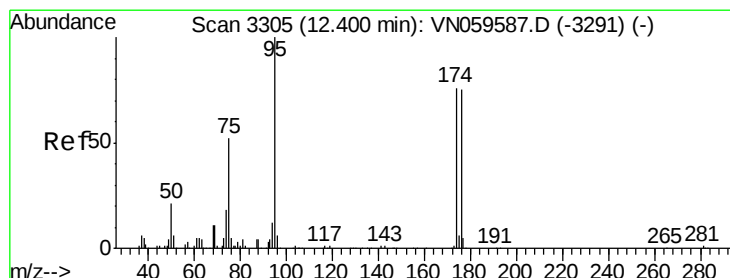
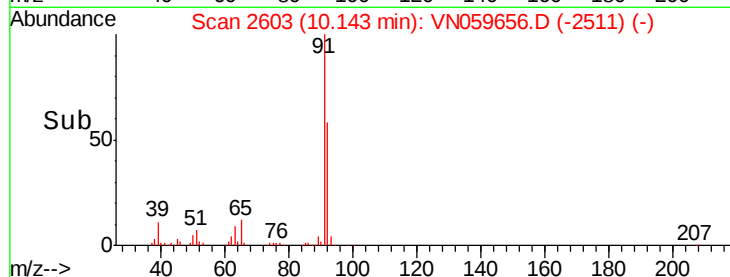
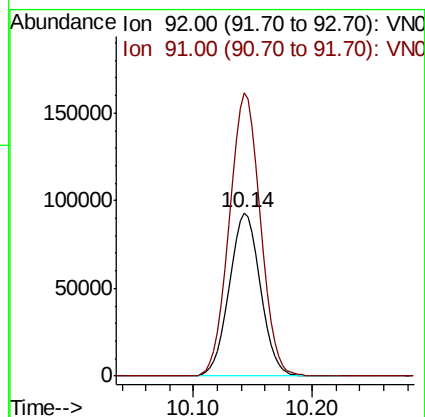
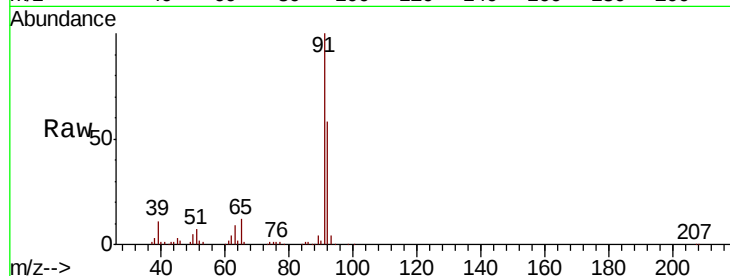
ClientSampleId :

Tot Ion: 92 Resp: 169089

Ion Ratio Lower Upper

92 100

91 173.2 140.4 210.6



#62

4-Bromofluorobenzene

Concen: 45.649 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

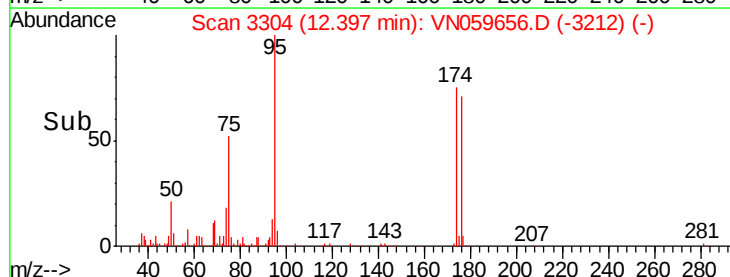
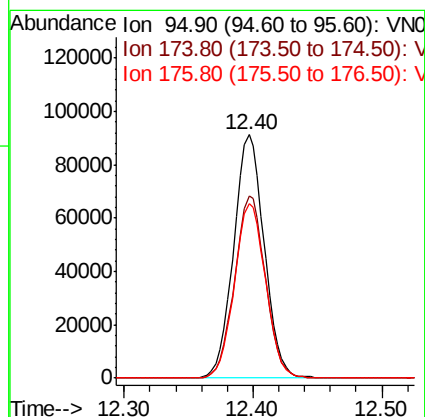
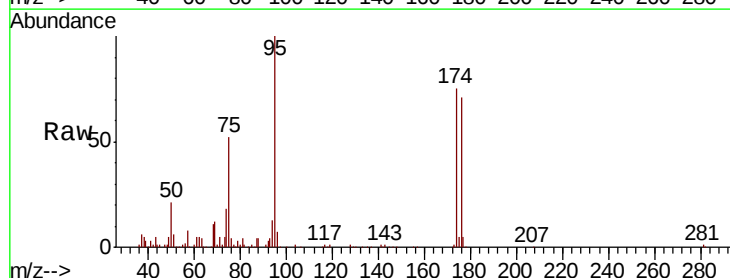
Tgt Ion: 95 Resp: 150207

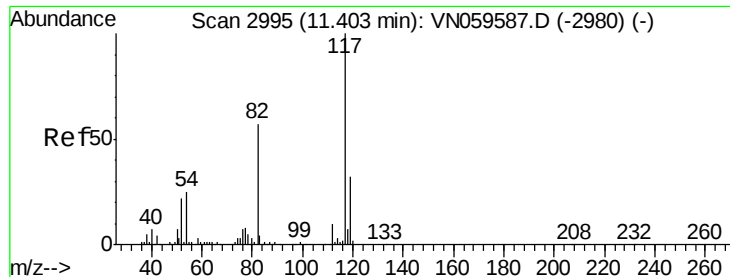
Ion Ratio Lower Upper

95 100

174 75.5 0.0 151.4

176 73.0 0.0 146.0

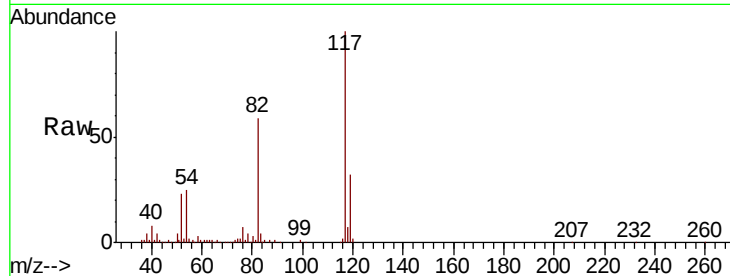




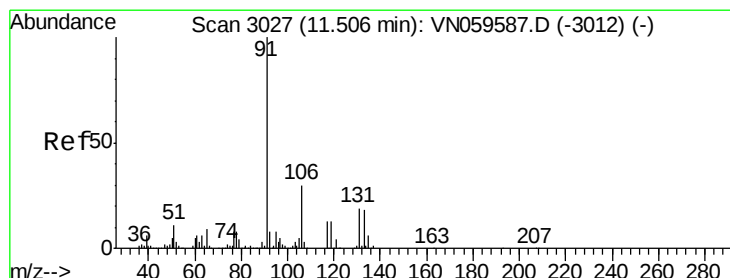
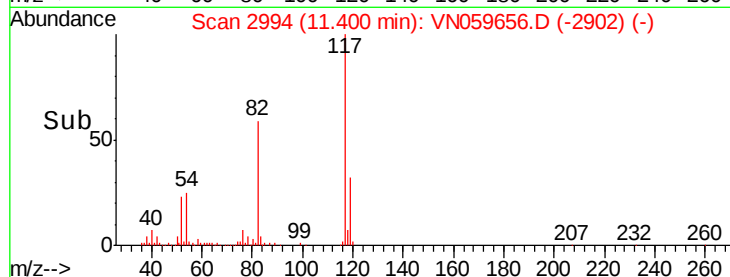
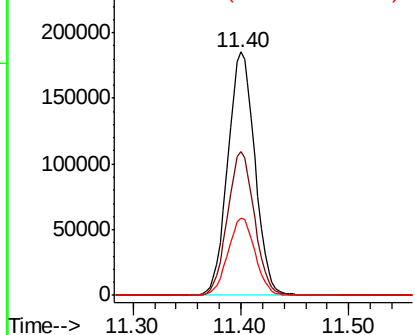
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 324504
Ion Ratio Lower Upper
117 100
82 59.1 45.9 68.9
119 32.0 25.5 38.3

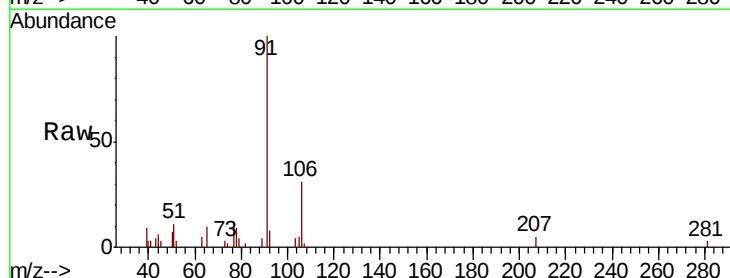


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

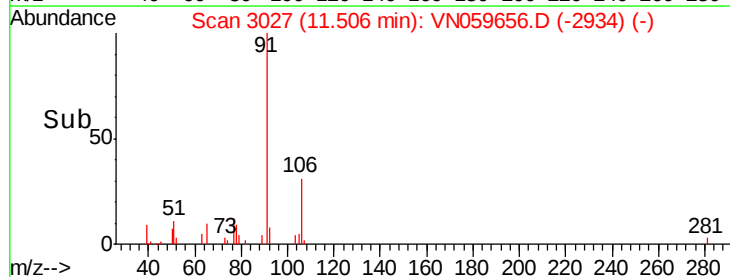
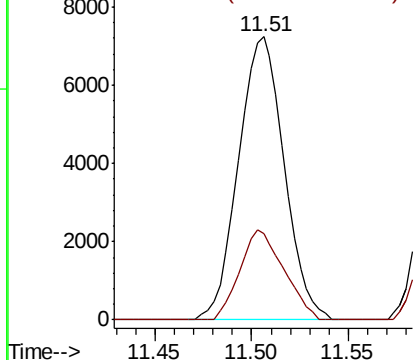


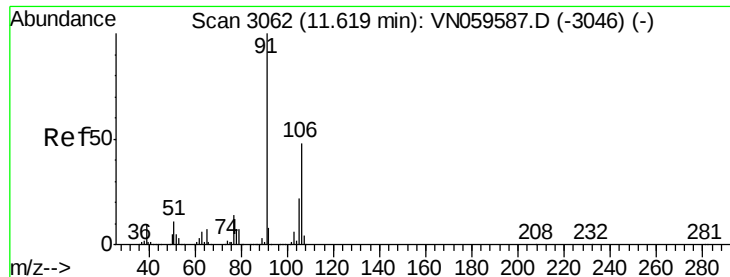
#67
Ethyl Benzene
Concen: 0.939 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

Tgt Ion: 91 Resp: 11898
Ion Ratio Lower Upper
91 100
106 30.6 24.1 36.1



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





#68

m/p-Xylenes

Concen: 7.084 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.01 min

Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

Instrument :

MSVOA_N

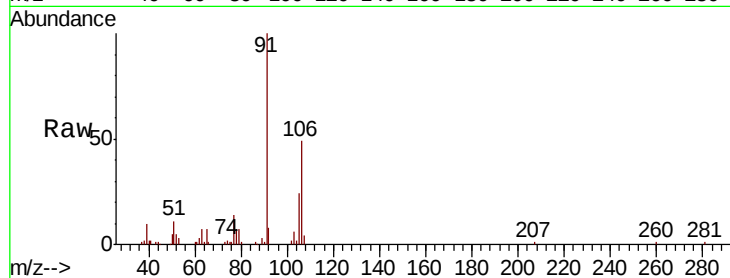
ClientSampleId :

Tot Ion:106 Resp: 33156

Ion Ratio Lower Upper

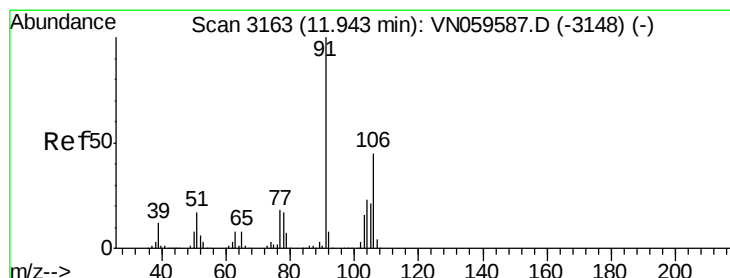
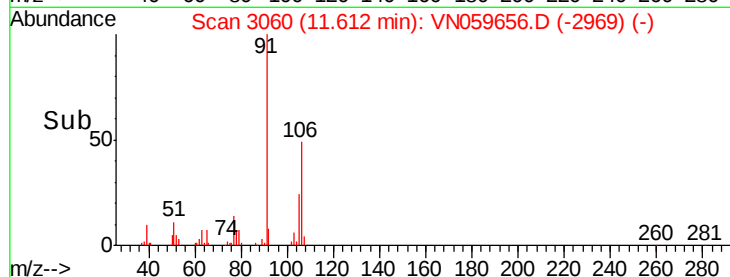
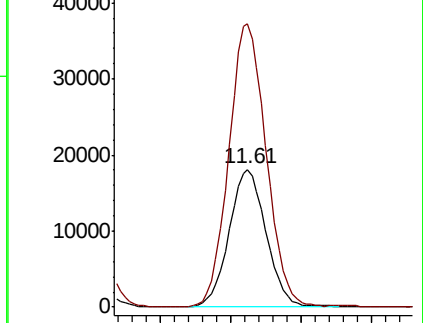
106 100

91 208.0 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

o-Xylene

Concen: 2.223 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. -0.00 min

Lab File: VN059656.D

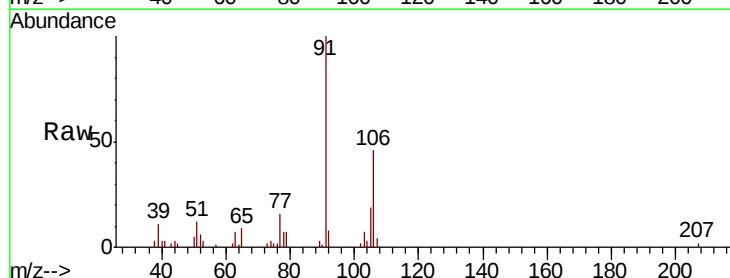
Acq: 18 Dec 2019 17:54

Tgt Ion:106 Resp: 9898

Ion Ratio Lower Upper

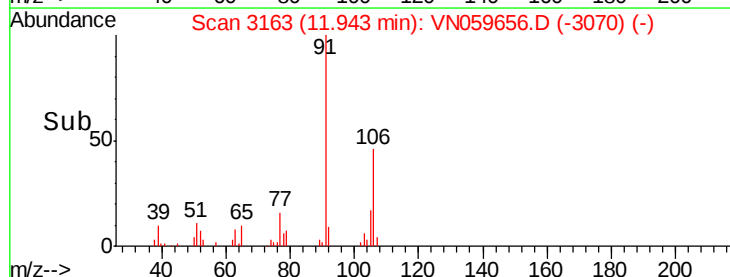
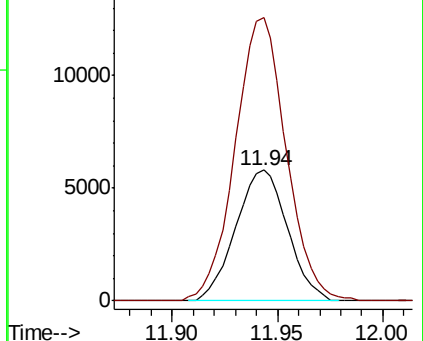
106 100

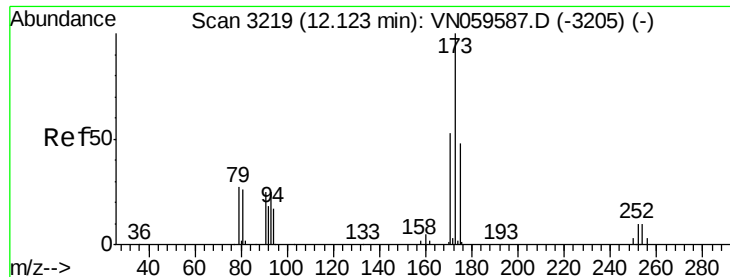
91 213.5 110.3 330.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 0.475 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.28 min

Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

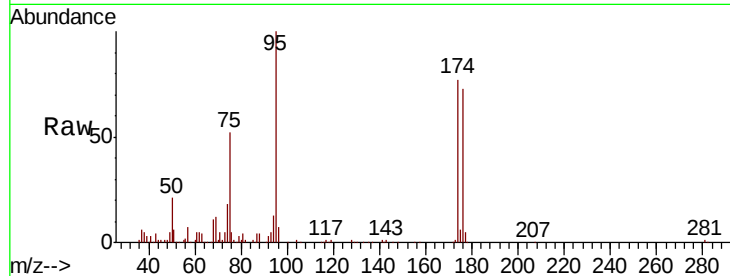
Tot Ion:173 Resp: 952

Ion Ratio Lower Upper

173 100

175 779.7 23.8 71.4#

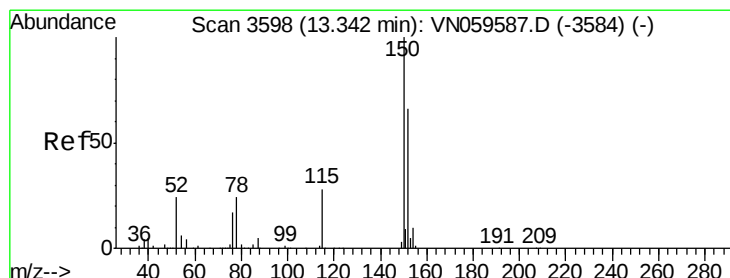
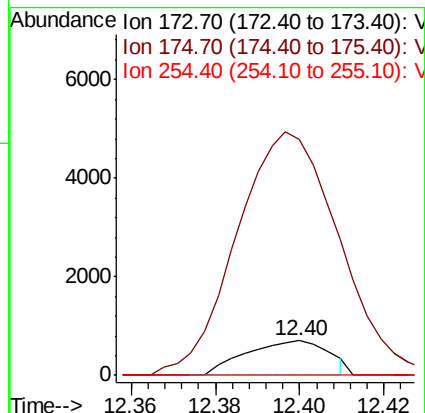
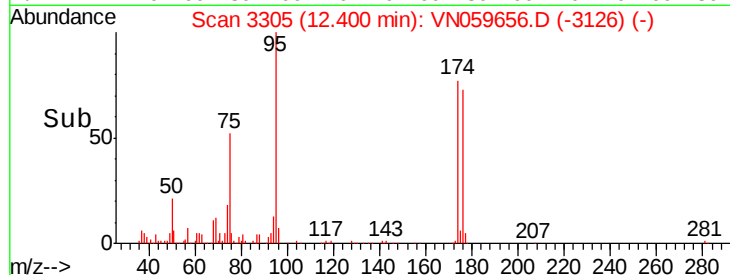
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

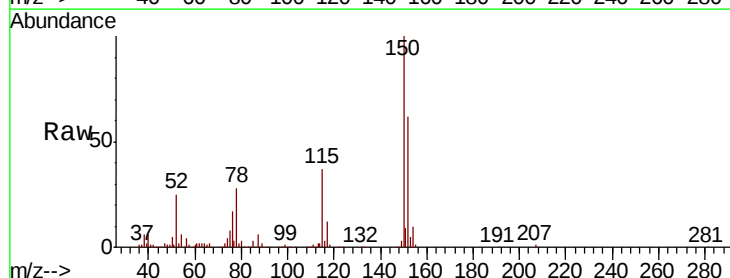
Tgt Ion:152 Resp: 132307

Ion Ratio Lower Upper

152 100

115 60.3 30.3 90.9

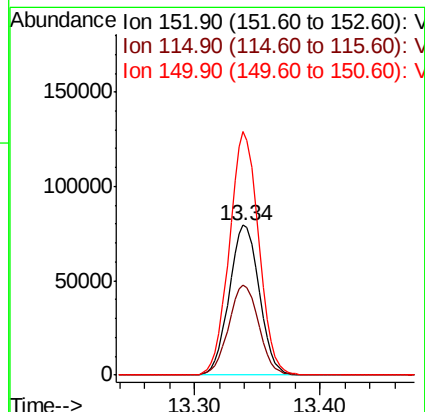
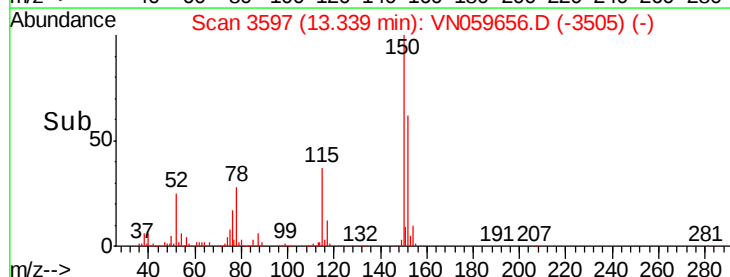
150 157.7 0.0 345.2

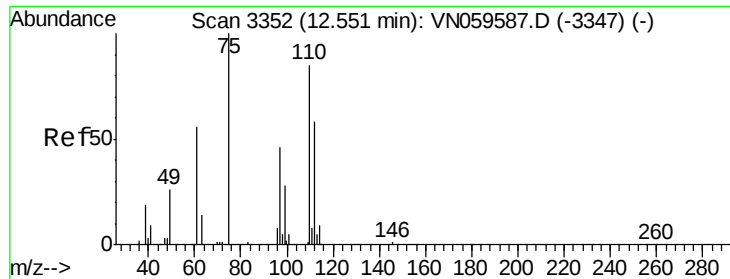


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 24.344 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

Instrument :

MSVOA_N

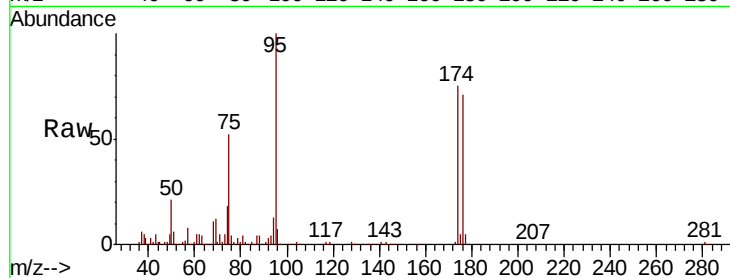
ClientSampleId :

Tot Ion: 75 Resp: 79736

Ion Ratio Lower Upper

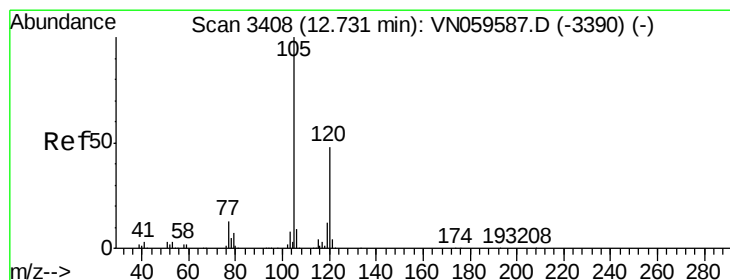
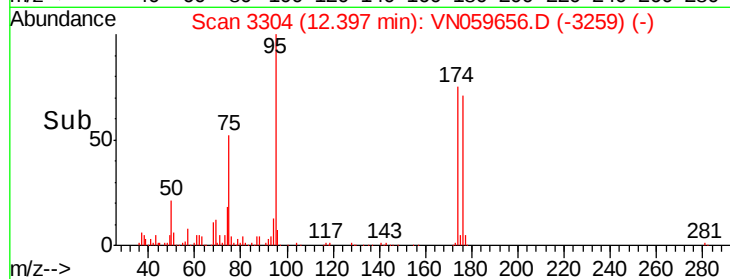
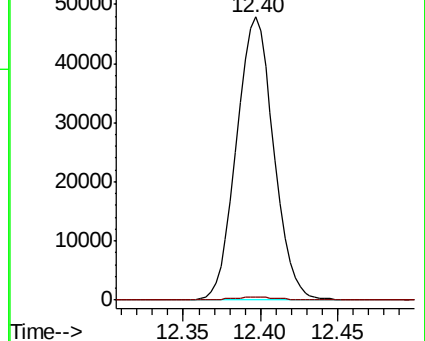
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN059587.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN059587.D (-3347) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.660 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN059656.D

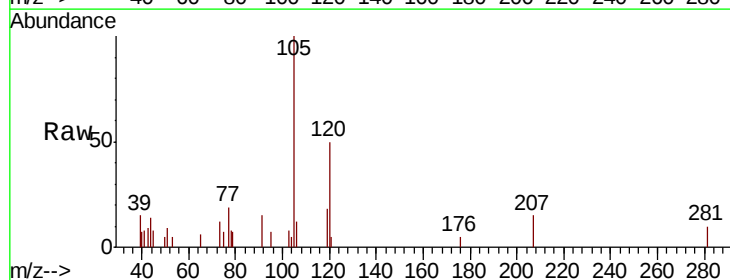
Acq: 18 Dec 2019 17:54

Tgt Ion: 105 Resp: 5799

Ion Ratio Lower Upper

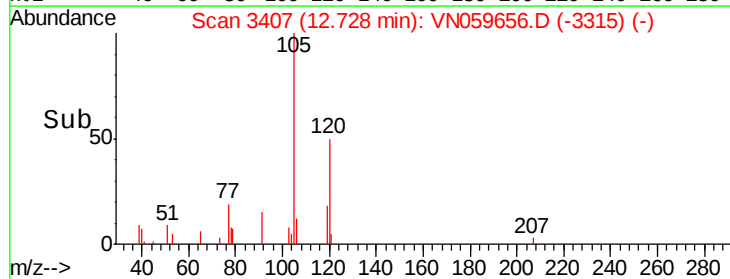
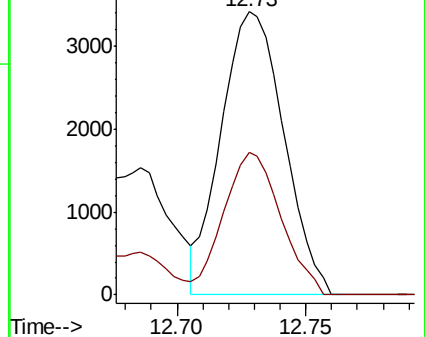
105 100

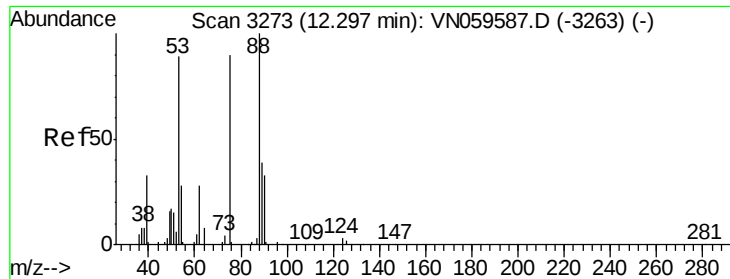
120 45.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059587.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN059587.D (-3390) (-)

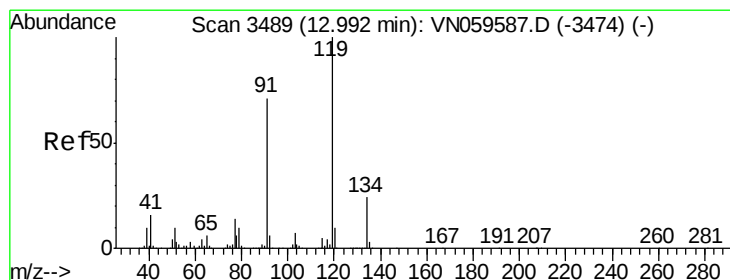
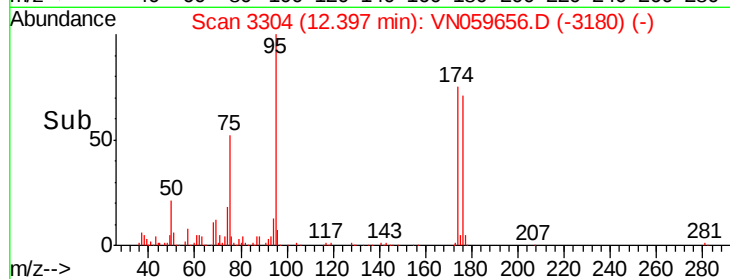
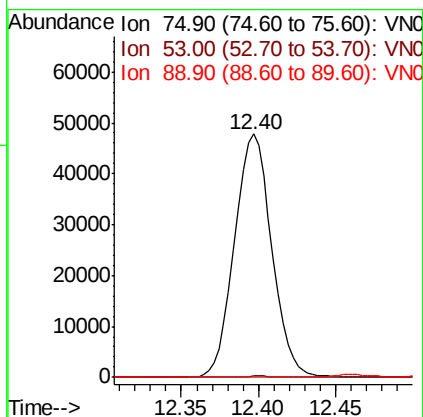
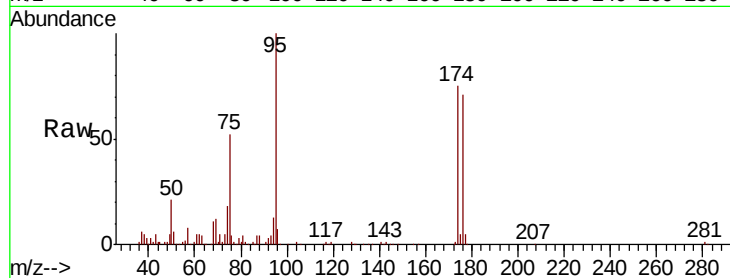




#81
trans-1,4-Dichloro-2-butene
Concen: 60.128 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

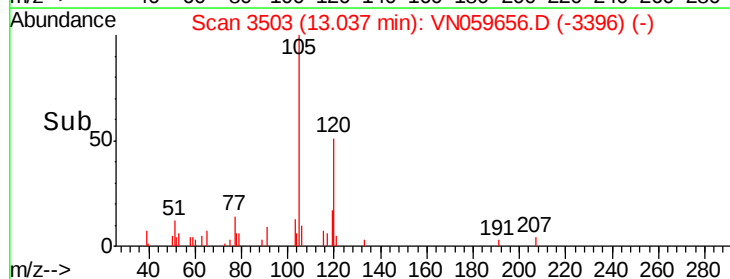
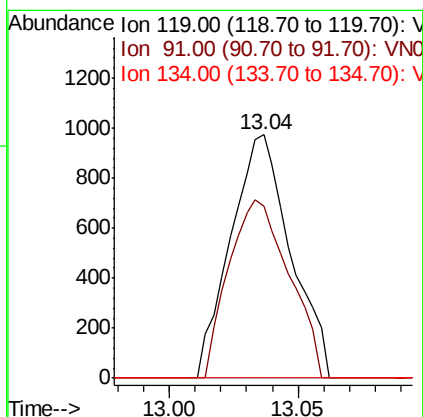
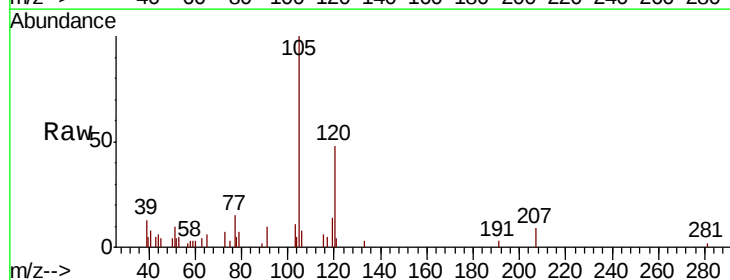
Instrument :
MSVOA_N
ClientSampleId :

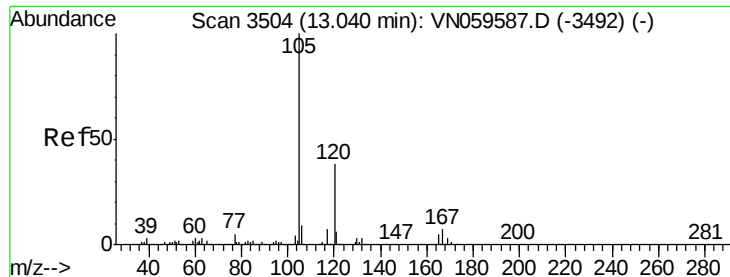
Tot Ion: 75 Resp: 79736
Ion Ratio Lower Upper
75 100
53 0.4 78.1 117.1#
89 0.0 35.4 53.2#



#83
tert-Butylbenzene
Concen: 0.211 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.04 min
Lab File: VN059656.D
Acq: 18 Dec 2019 17:54

Tgt Ion: 119 Resp: 1571
Ion Ratio Lower Upper
119 100
91 74.0 34.8 104.4
134 0.0 12.3 36.9#





#84

1,2,4-Trimethylbenzene

Concen: 1.397 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

Instrument :

MSVOA_N

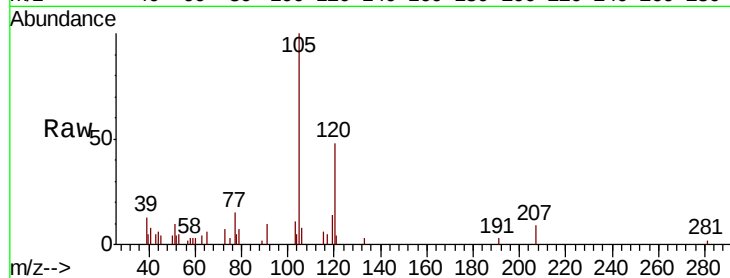
ClientSampleId :

Tot Ion:105 Resp: 12210

Ion Ratio Lower Upper

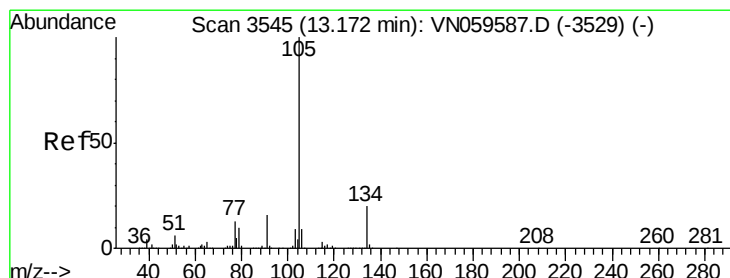
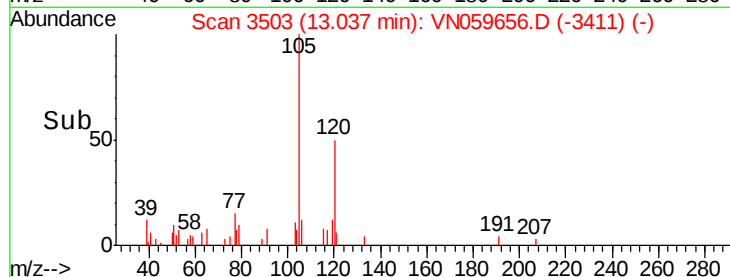
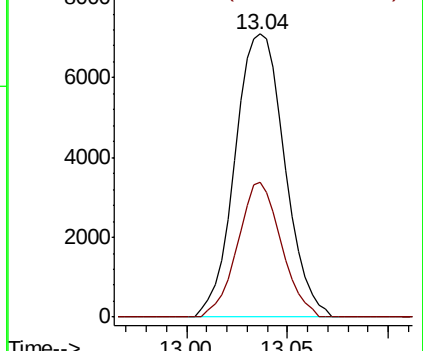
105 100

120 42.0 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.233 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.14 min

Lab File: VN059656.D

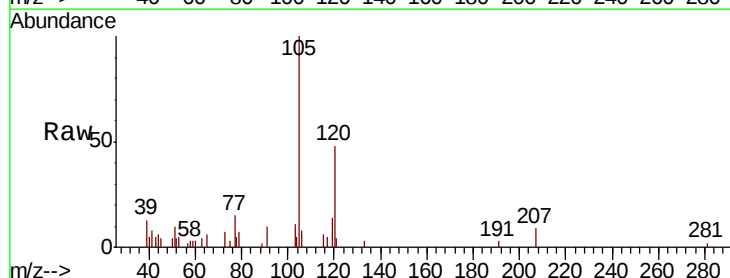
Acq: 18 Dec 2019 17:54

Tgt Ion:105 Resp: 12210

Ion Ratio Lower Upper

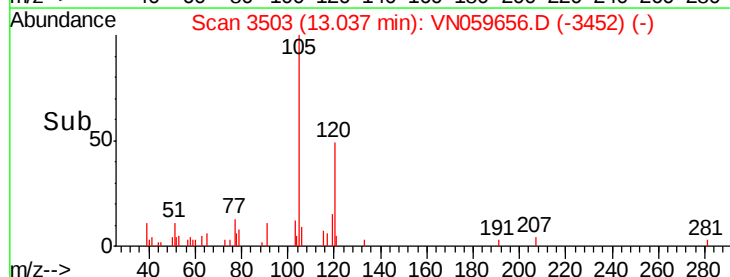
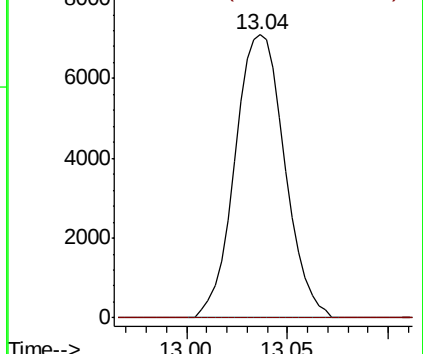
105 100

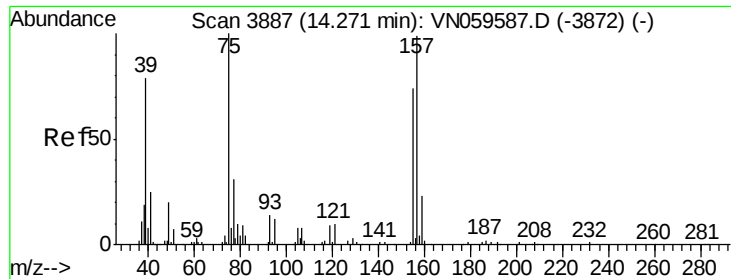
134 0.0 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.740 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. 0.01 min

Lab File: VN059656.D

Acq: 18 Dec 2019 17:54

Instrument :

MSVOA_N

ClientSampleId :

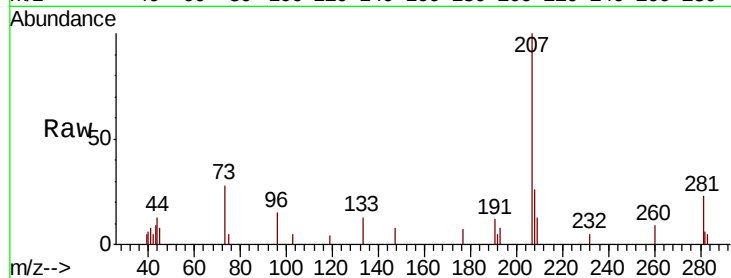
Tot Ion: 75 Resp: 109

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

157 0.0 48.4 145.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

