

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001719.D
 Acq On : 20 Feb 2020 13:21
 Operator : SY/MD
 Sample : L1601-02
 Misc : 4.36G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-1

Quant Time: Feb 21 08:22:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	113989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	206171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	184345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	79577	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	70846	57.78	ug/l	0.00
Spiked Amount						
35) Dibromofluoromethane	7.75	113	61931	52.45	ug/l	0.00
Spiked Amount						
50) Toluene-d8	10.19	98	247306	53.46	ug/l	0.00
Spiked Amount						
62) 4-Bromofluorobenzene	12.49	95	84375	46.95	ug/l	0.00
Spiked Amount						

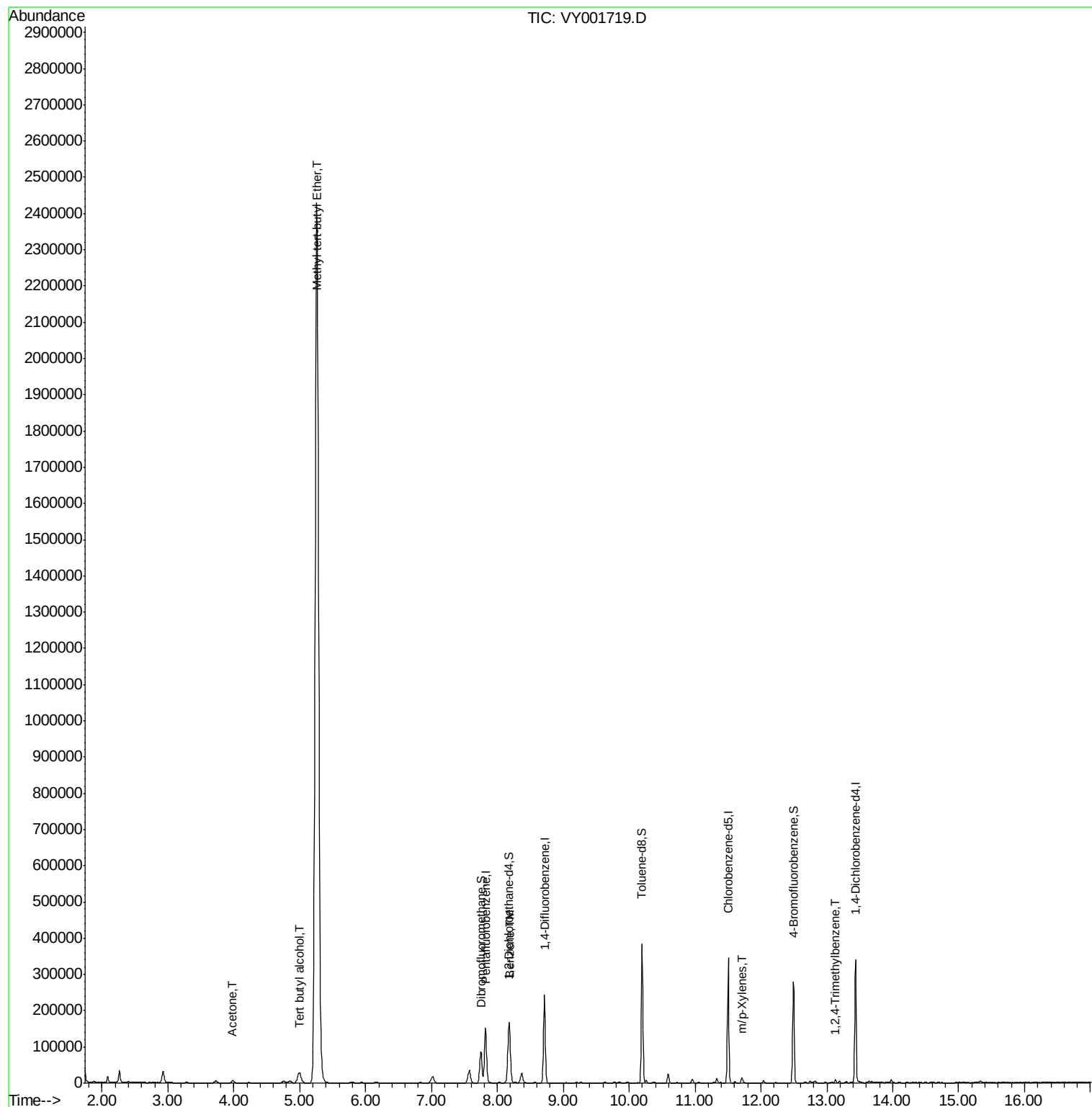
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.00	59	62190	458.997	ug/l #	74
16) Acetone	3.98	43	11531	27.180	ug/l	97
19) Methyl tert-butyl Ether	5.26	73	4400340	1277.868	ug/l	100
40) Benzene	8.19	78	107731	18.600	ug/l	96
68) m/p-Xylenes	11.71	106	4454	1.746	ug/l	89
84) 1,2,4-Trimethylbenzene	13.13	105	5429	1.085	ug/l	97

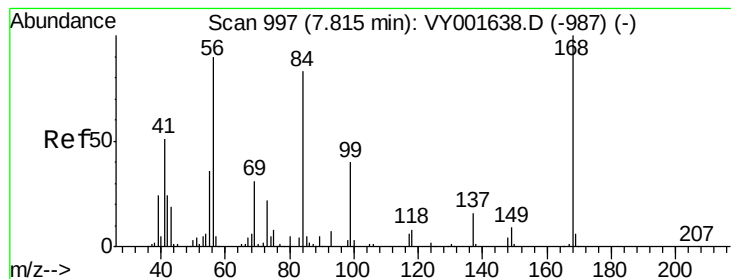
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
Data File : VY001719.D
Acq On : 20 Feb 2020 13:21
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001719.D

Acq: 20 Feb 2020 13:21

Instrument :

MSVOA_Y

ClientSampled :

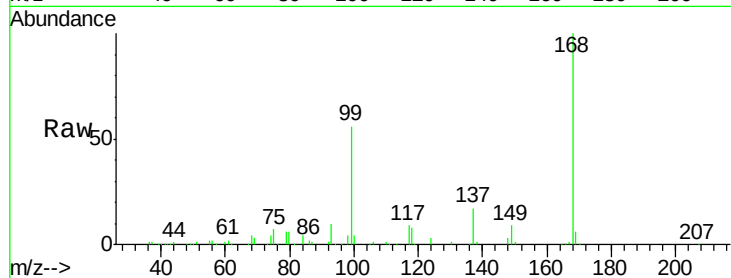
B-1

Tot Ion:168 Resp: 113989

Ion Ratio Lower Upper

168 100

99 55.9 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001719.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001719.D (-948) (-)

7.82

60000

50000

40000

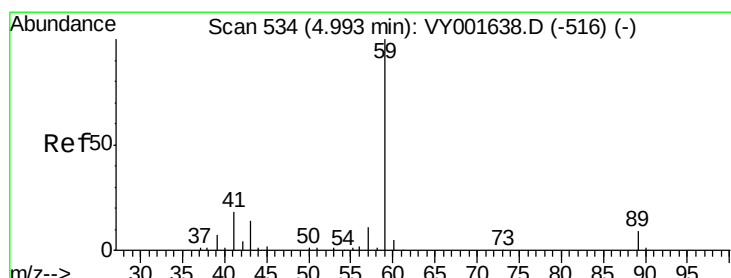
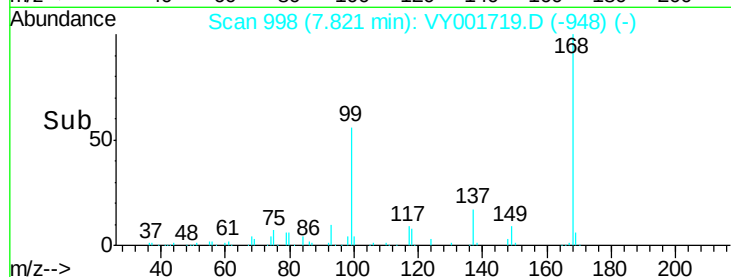
30000

20000

10000

0

Time--> 7.70 7.80 7.90



#11

Tert butyl alcohol

Concen: 458.997 ug/l

RT: 5.00 min Scan# 535

Delta R.T. 0.01 min

Lab File: VY001719.D

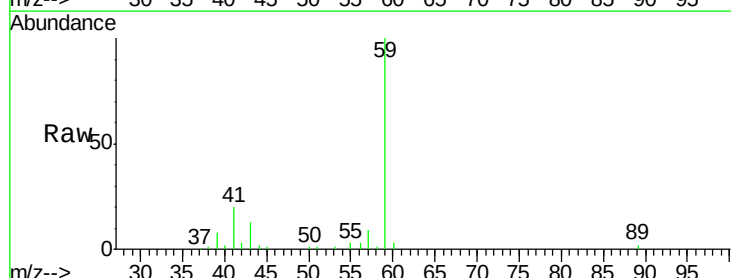
Acq: 20 Feb 2020 13:21

Tgt Ion: 59 Resp: 62190

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001719.D (-485) (-)

Ion 57.00 (56.70 to 57.70): VY001719.D (-485) (-)

5.00

300000

250000

200000

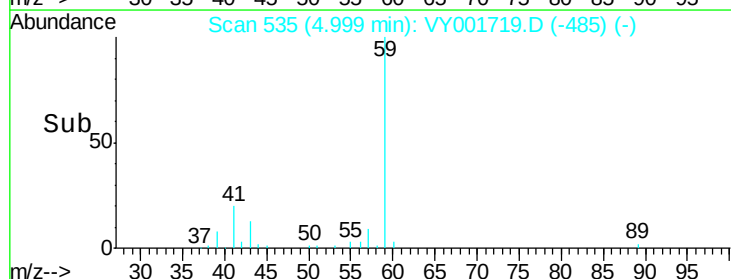
150000

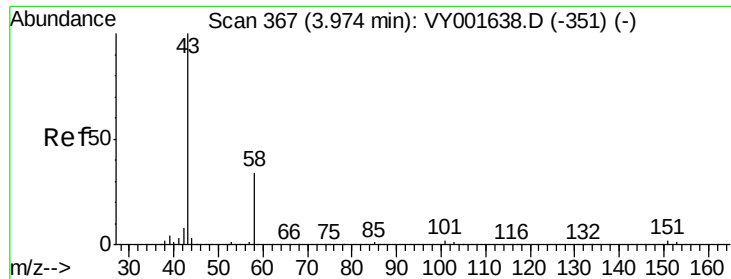
100000

50000

0

Time--> 4.80 4.90 5.00 5.10 5.20





#16

Acetone

Concen: 27.180 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001719.D

Acq: 20 Feb 2020 13:21

Instrument :

MSVOA_Y

ClientSampled :

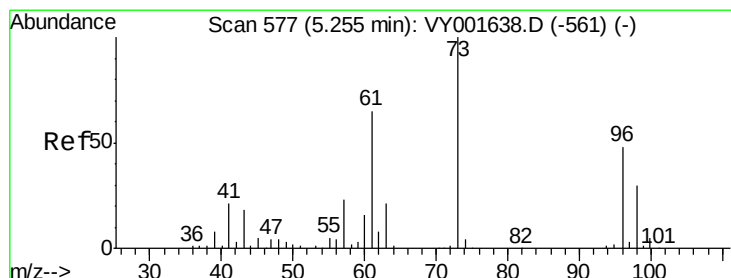
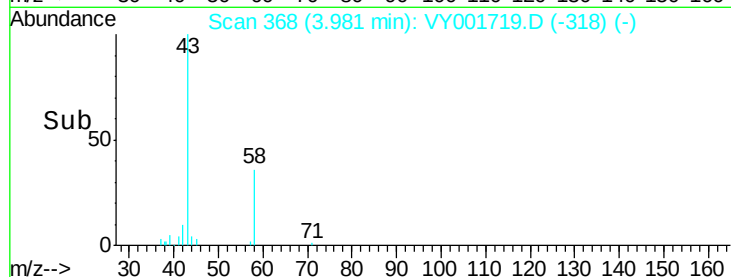
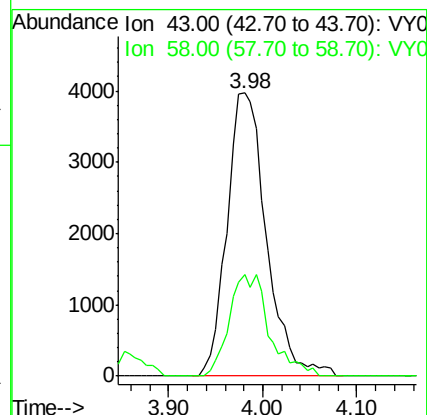
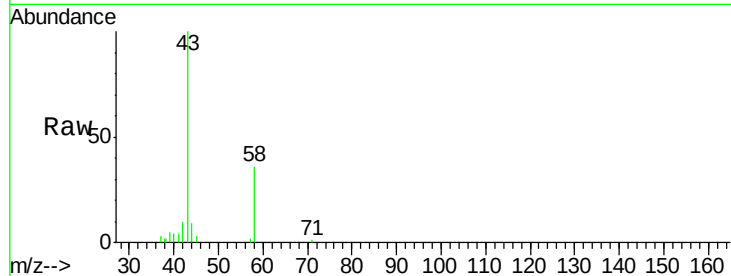
B-1

Tot Ion: 43 Resp: 11531

Ion Ratio Lower Upper

43 100

58 36.1 27.3 40.9



#19

Methyl tert-butyl Ether

Concen: 1277.868 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.01 min

Lab File: VY001719.D

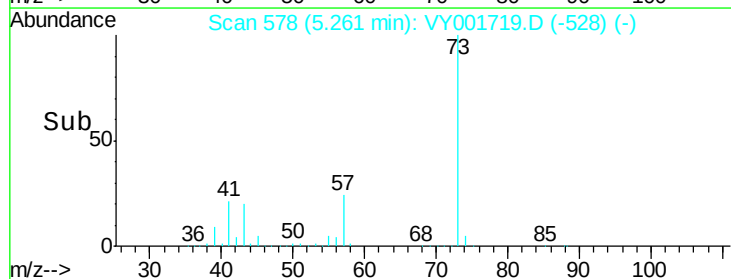
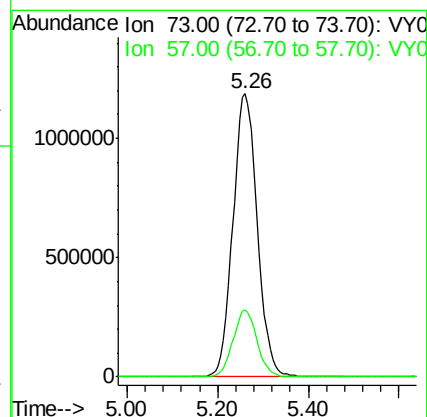
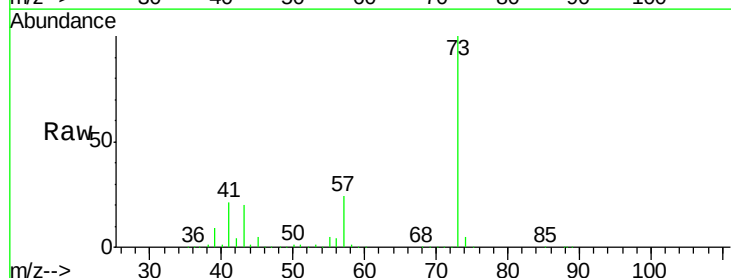
Acq: 20 Feb 2020 13:21

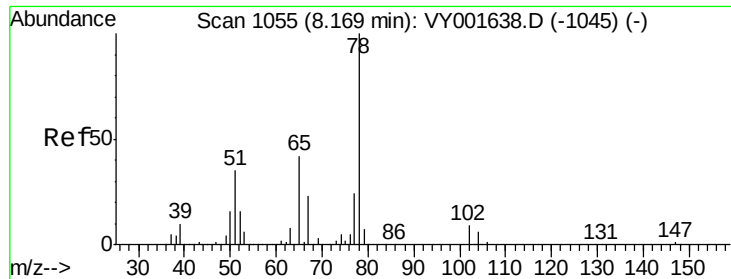
Tgt Ion: 73 Resp: 4400340

Ion Ratio Lower Upper

73 100

57 23.8 19.0 28.6

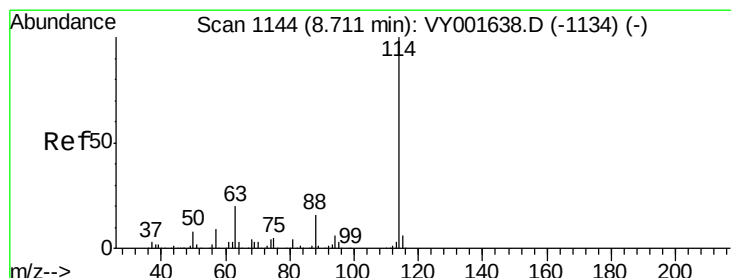
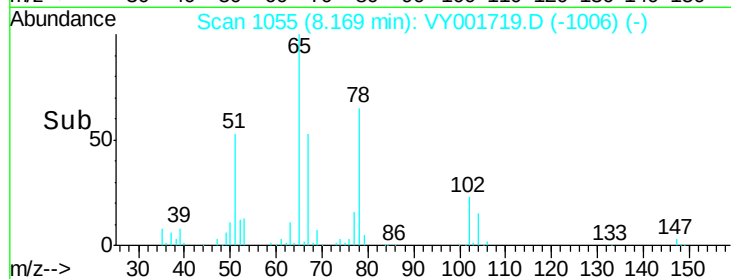
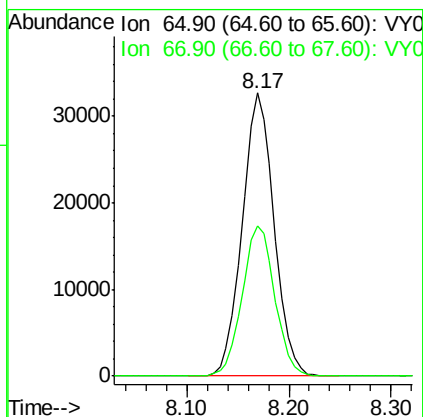
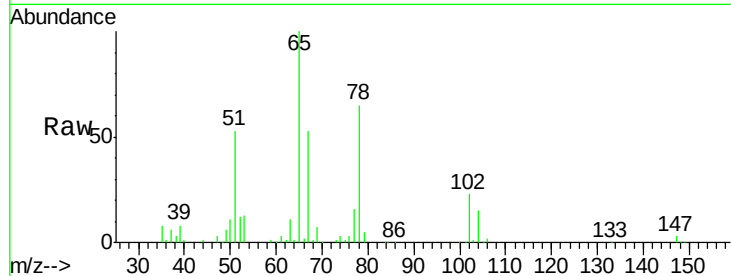




#33
 1,2-Dichloroethane-d4
 Concen: 57.781 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001719.D
 Acq: 20 Feb 2020 13:21

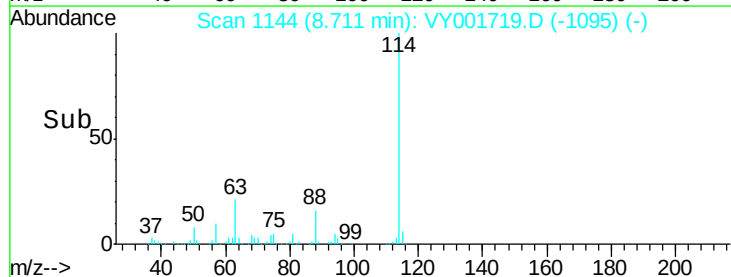
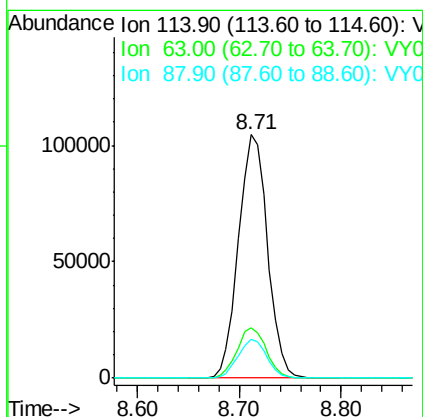
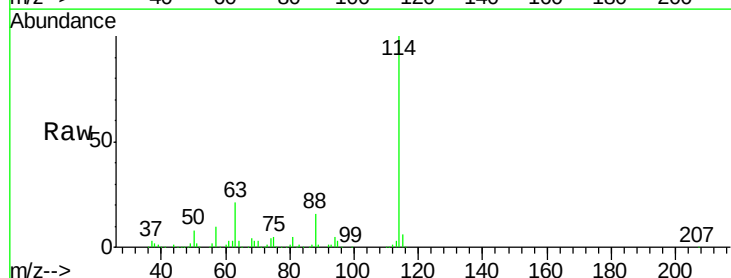
Instrument :
 MSVOA_Y
 ClientSampled :
 B-1

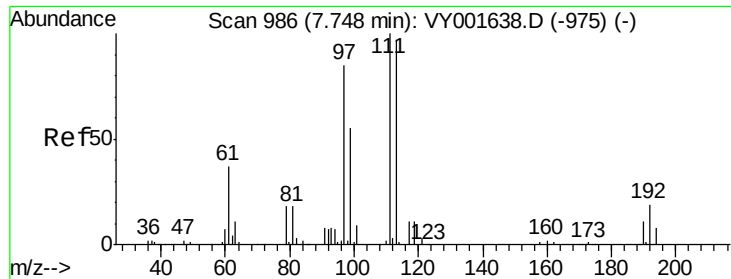
Tot Ion: 65 Resp: 70846
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001719.D
 Acq: 20 Feb 2020 13:21

Tgt Ion: 114 Resp: 206171
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 15.9 0.0 32.8

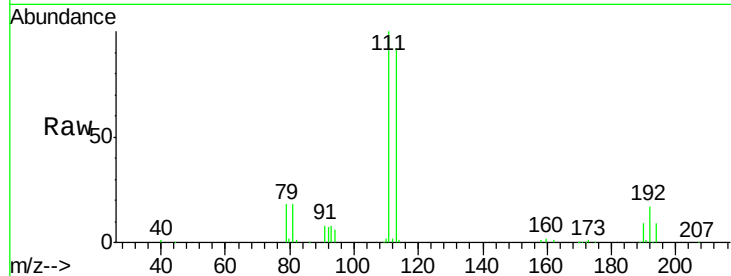




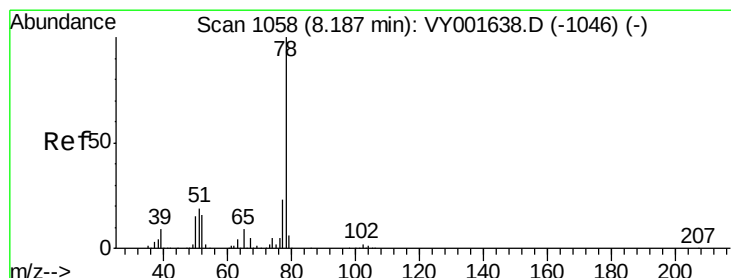
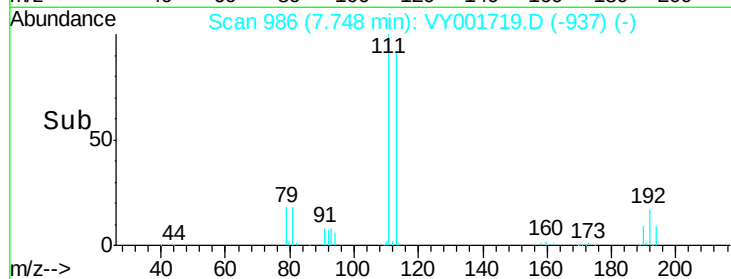
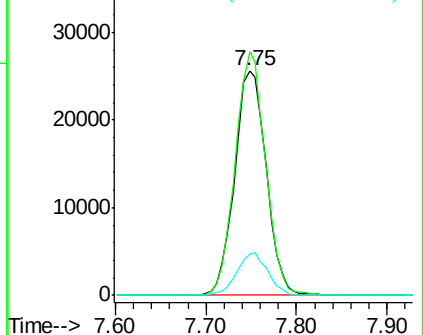
#35
Dibromofluoromethane
Concen: 52.446 ug/l
RT: 7.75 min Scan# 986
Delta R.T. -0.00 min
Lab File: VY001719.D
Acq: 20 Feb 2020 13:21

Instrument :
MSVOA_Y
ClientSampleId :
B-1

Tot Ion:113 Resp: 61931
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 18.5 14.3 21.5

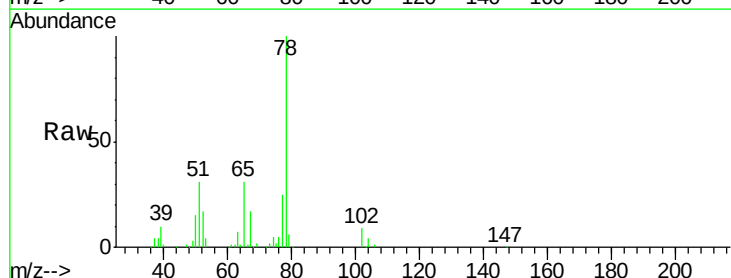


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

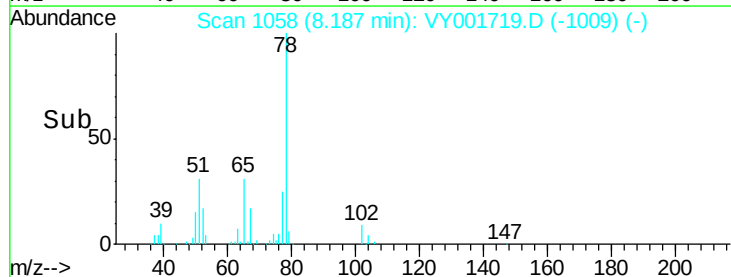
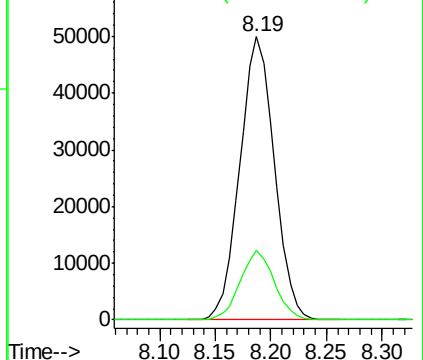


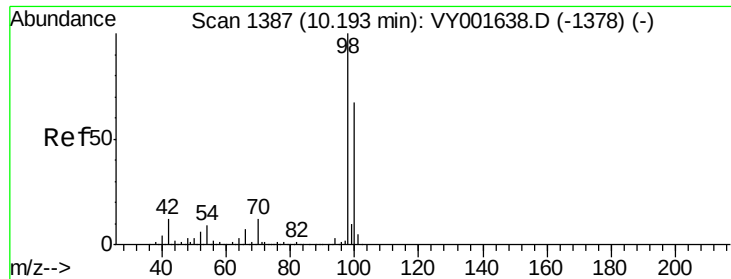
#40
Benzene
Concen: 18.600 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. -0.00 min
Lab File: VY001719.D
Acq: 20 Feb 2020 13:21

Tgt Ion: 78 Resp: 107731
Ion Ratio Lower Upper
78 100
77 24.6 18.2 27.4



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#50

Toluene-d8

Concen: 53.457 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY001719.D

Acq: 20 Feb 2020 13:21

Instrument :

MSVOA_Y

ClientSampleId :

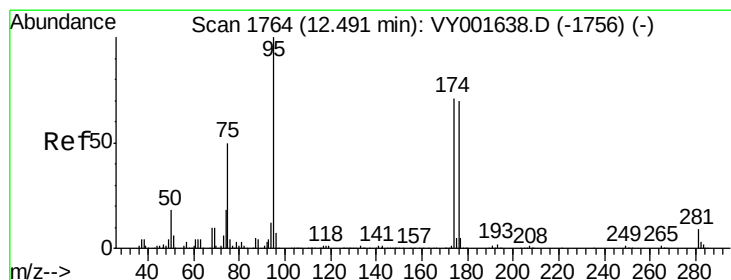
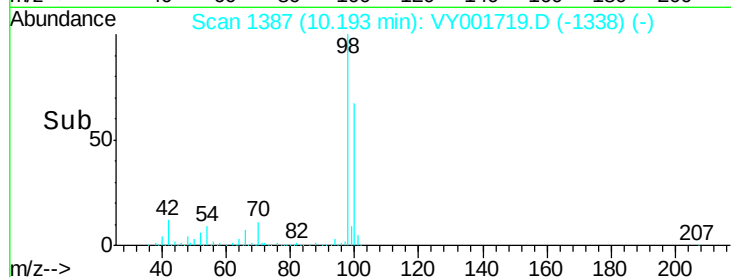
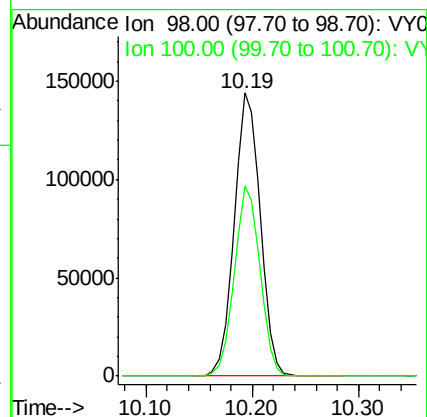
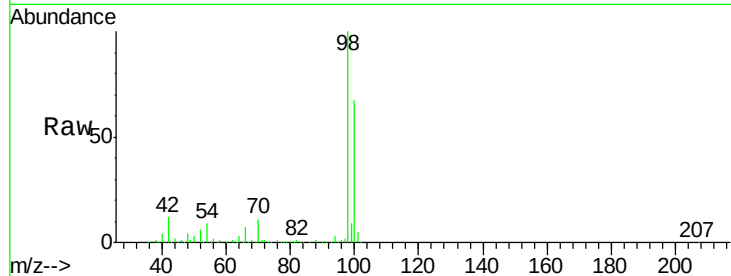
B-1

Tot Ion: 98 Resp: 247306

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 46.947 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY001719.D

Acq: 20 Feb 2020 13:21

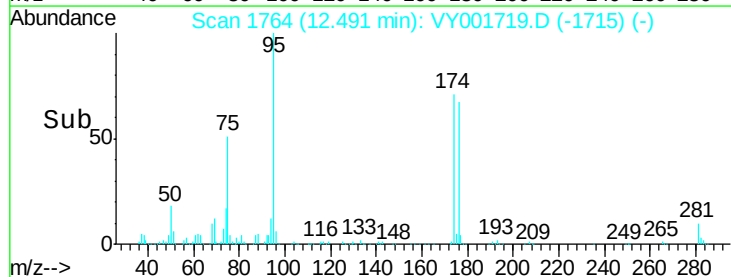
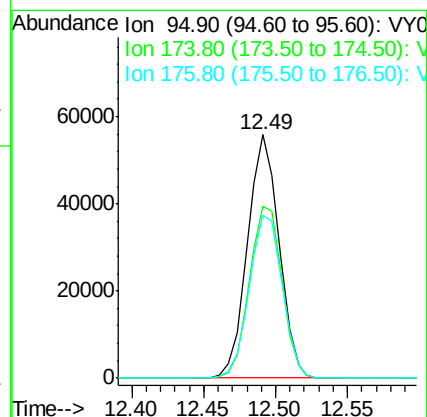
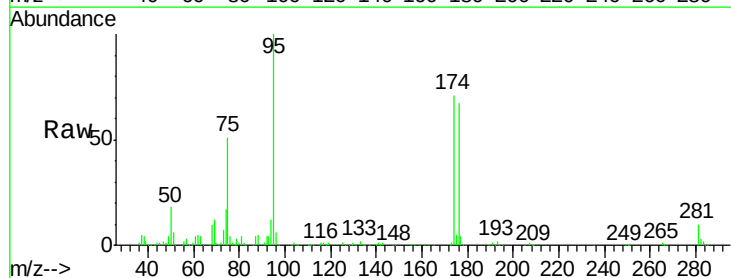
Tgt Ion: 95 Resp: 84375

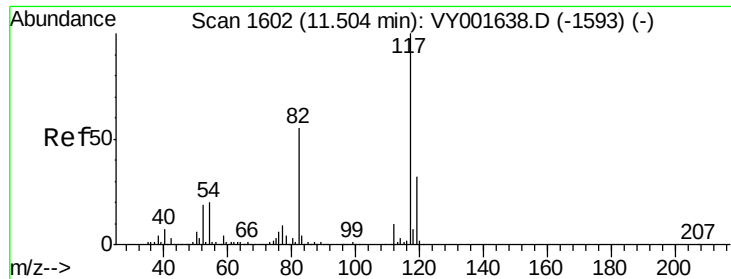
Ion Ratio Lower Upper

95 100

174 73.0 0.0 138.4

176 70.0 0.0 131.8

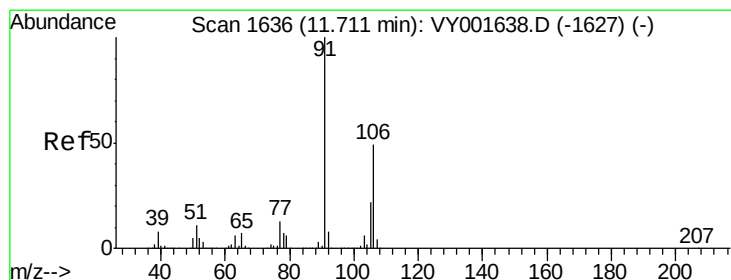
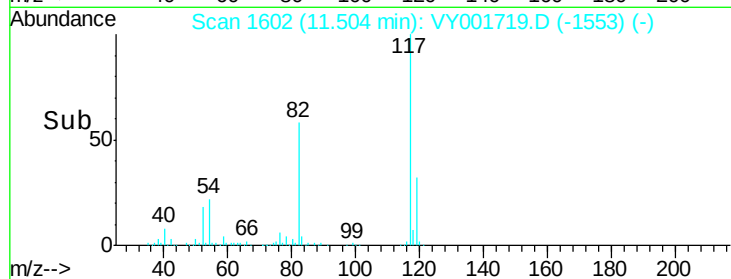
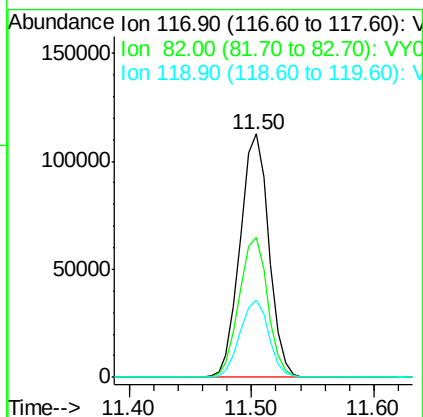
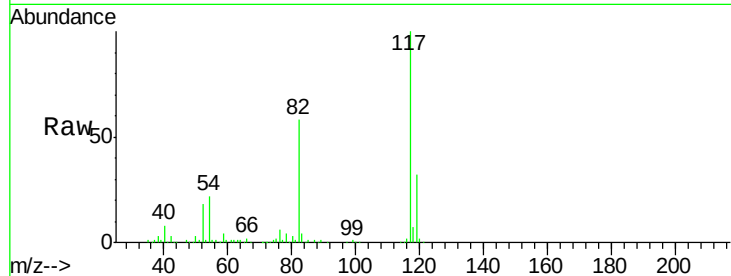




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001719.D
Acq: 20 Feb 2020 13:21

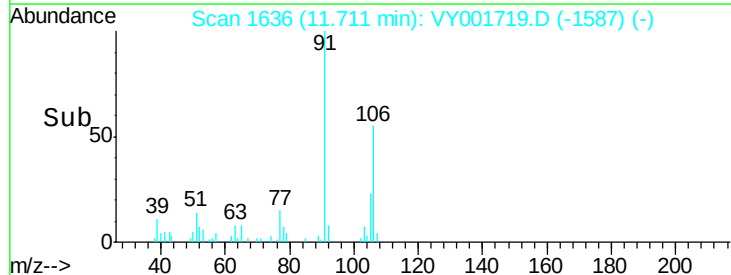
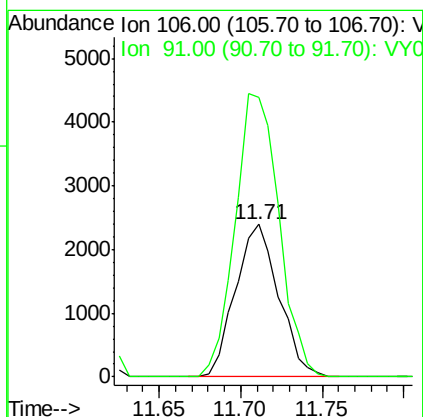
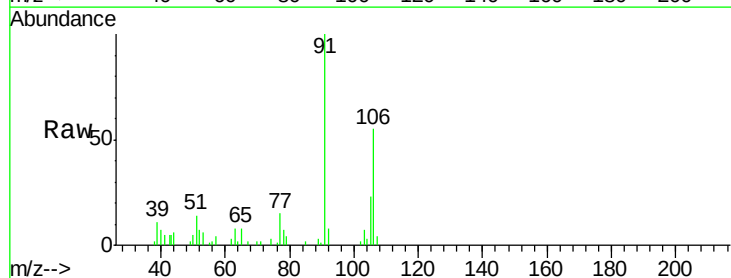
Instrument :
MSVOA_Y
ClientSampled :
B-1

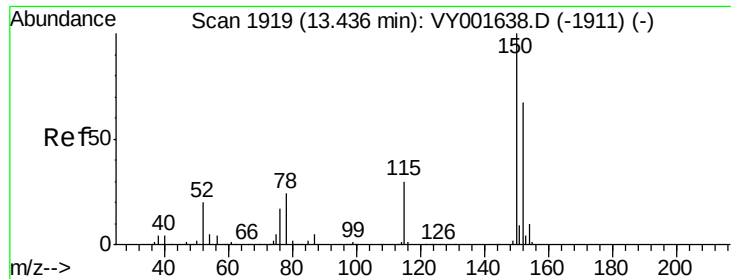
Tot Ion:117 Resp: 184345
Ion Ratio Lower Upper
117 100
82 57.6 45.5 68.3
119 31.9 25.8 38.6



#68
m/p-Xylenes
Concen: 1.746 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001719.D
Acq: 20 Feb 2020 13:21

Tgt Ion:106 Resp: 4454
Ion Ratio Lower Upper
106 100
91 186.9 163.3 244.9

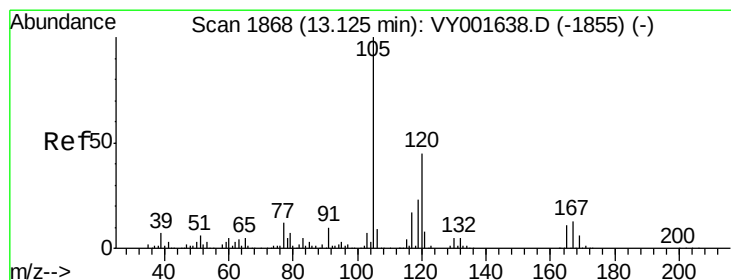
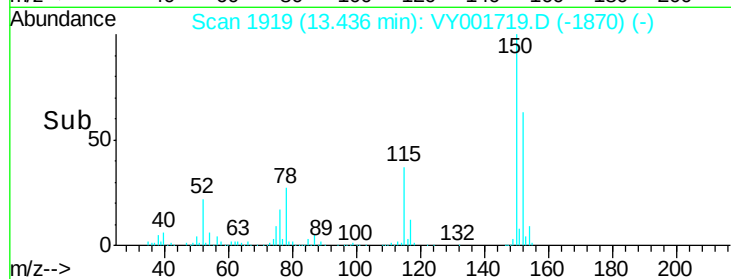
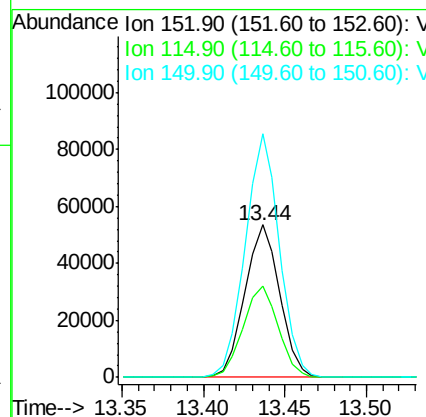
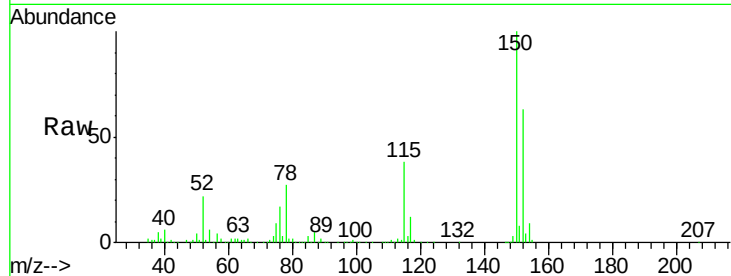




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.44 min Scan# 1919
 Delta R.T. -0.00 min
 Lab File: VY001719.D
 Acq: 20 Feb 2020 13:21

Instrument :
 MSVOA_Y
 ClientSampled :
 B-1

Tot Ion:152 Resp: 79577
 Ion Ratio Lower Upper
 152 100
 115 60.6 31.4 94.2
 150 156.5 0.0 407.2



#84
 1,2,4-Trimethylbenzene
 Concen: 1.085 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY001719.D
 Acq: 20 Feb 2020 13:21

Tgt Ion:105 Resp: 5429
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.4 67.3

