

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001720.D
 Acq On : 20 Feb 2020 13:43
 Operator : SY/MD
 Sample : L1601-03
 Misc : 3.93G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-1

Quant Time: Feb 21 08:25:33 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

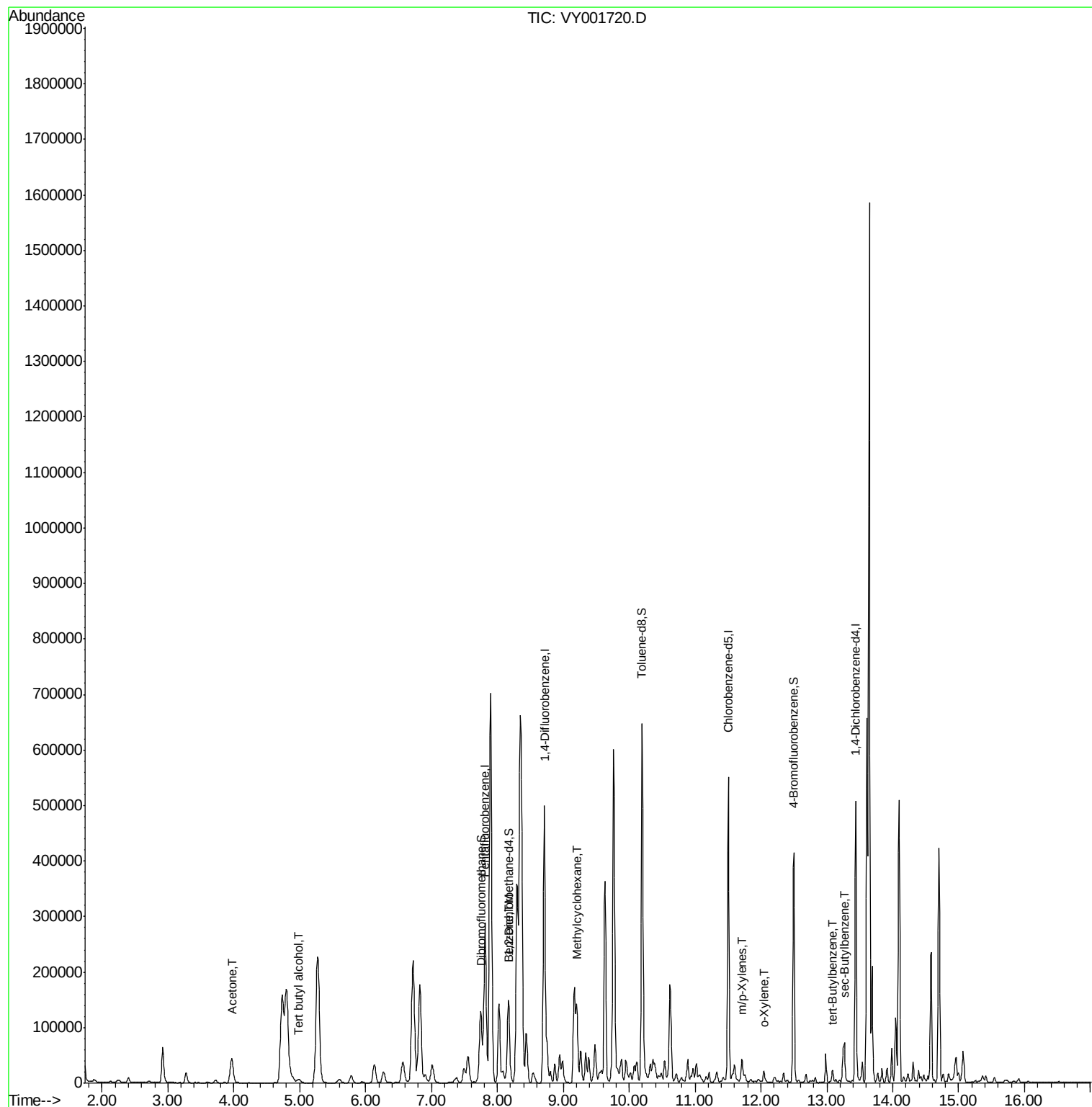
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	168894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	312404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	284057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	126258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	103284	56.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.70%	
35) Dibromofluoromethane	7.75	113	91313	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
50) Toluene-d8	10.20	98	383677	54.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.46%	
62) 4-Bromofluorobenzene	12.50	95	130403	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.99	59	13499	43.189	ug/l #	74
16) Acetone	3.97	43	41355	65.789	ug/l #	76
39) Methylcyclohexane	9.21	83	57898	14.625	ug/l	93
40) Benzene	8.18	78	13936	1.588	ug/l	94
68) m/p-Xylenes	11.71	106	11922	3.033	ug/l	96
69) o-Xylene	12.04	106	4603	1.232	ug/l	91
83) tert-Butylbenzene	13.09	119	9689	1.455	ug/l	96
85) sec-Butylbenzene	13.27	105	41077	4.194	ug/l #	61

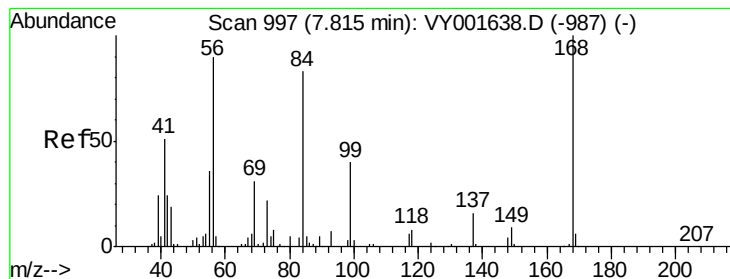
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 21 08:25:33 2020
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# 997

Delta R.T. 0.00 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

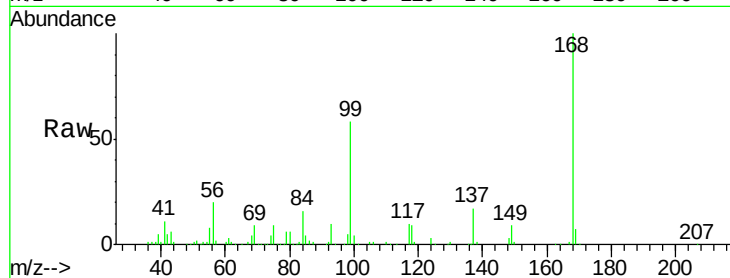
SW-1

Tot Ion:168 Resp: 168894

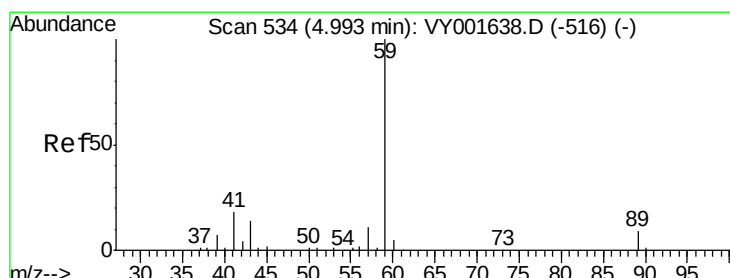
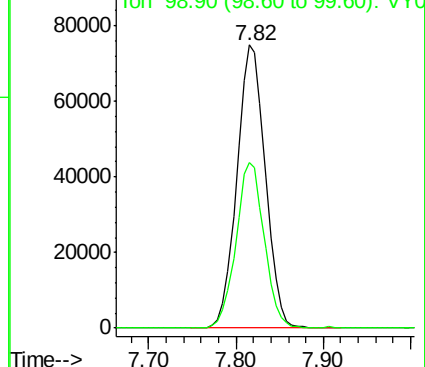
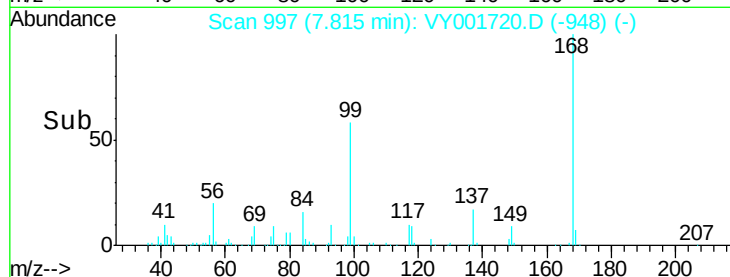
Ion Ratio Lower Upper

168 100

99 58.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001720.D (-948) (-)



#11

Tert butyl alcohol

Concen: 43.189 ug/l

RT: 4.99 min Scan# 533

Delta R.T. -0.01 min

Lab File: VY001720.D

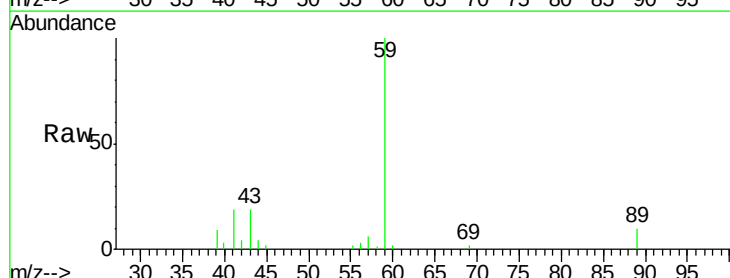
Acq: 20 Feb 2020 13:43

Tgt Ion: 59 Resp: 13499

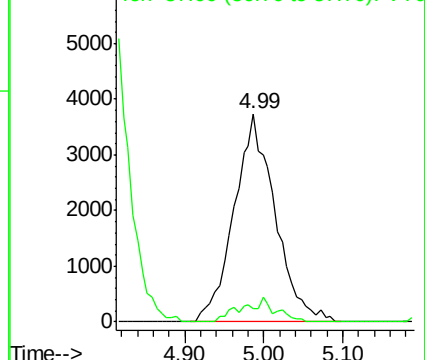
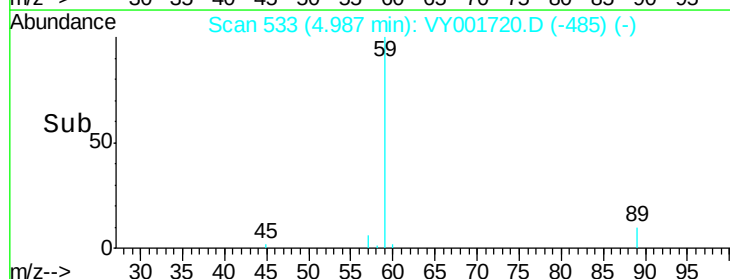
Ion Ratio Lower Upper

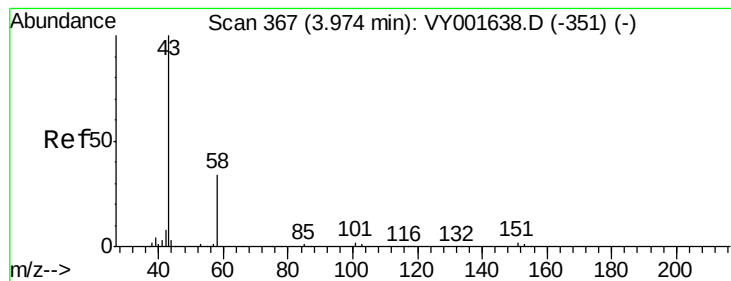
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001720.D (-485) (-)





#16

Acetone

Concen: 65.789 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

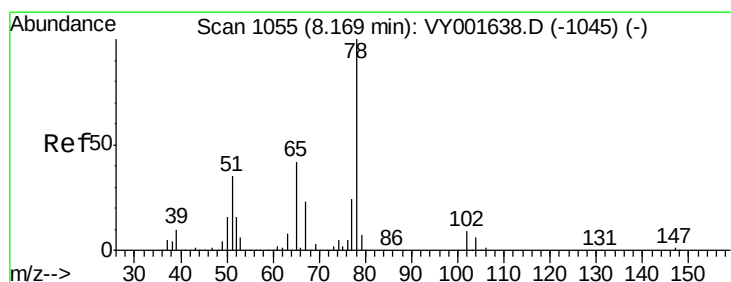
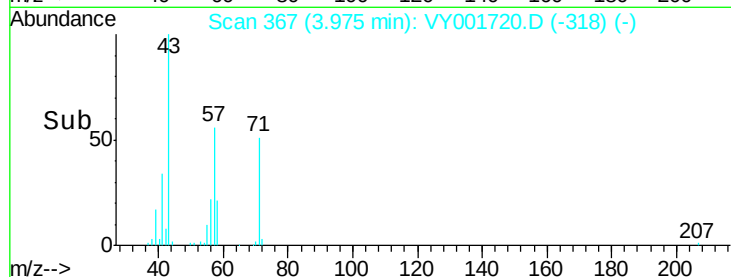
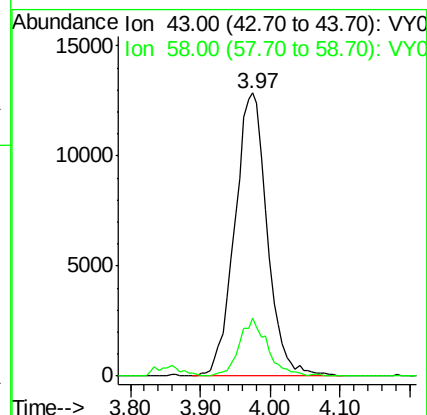
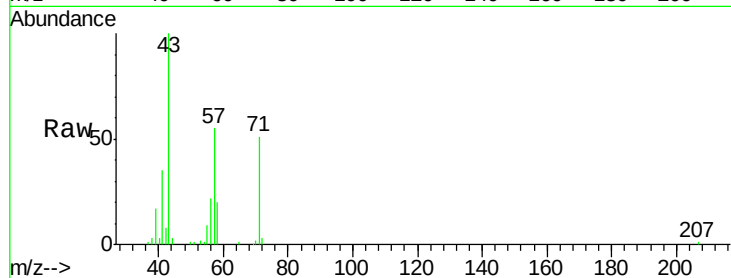
SW-1

Tot Ion: 43 Resp: 41355

Ion Ratio Lower Upper

43 100

58 20.4 27.3 40.9#



#33

1,2-Dichloroethane-d4

Concen: 56.853 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001720.D

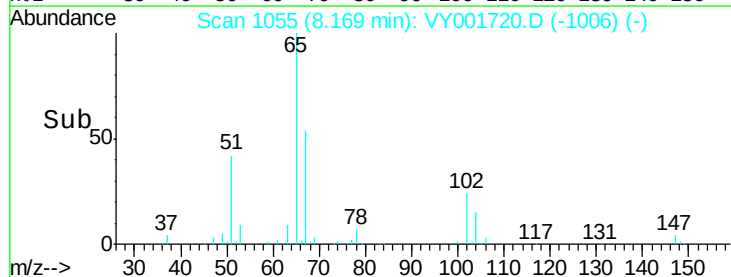
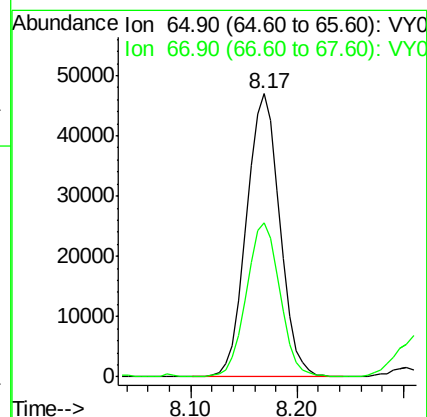
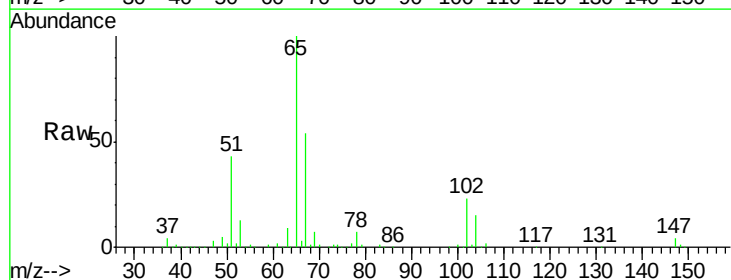
Acq: 20 Feb 2020 13:43

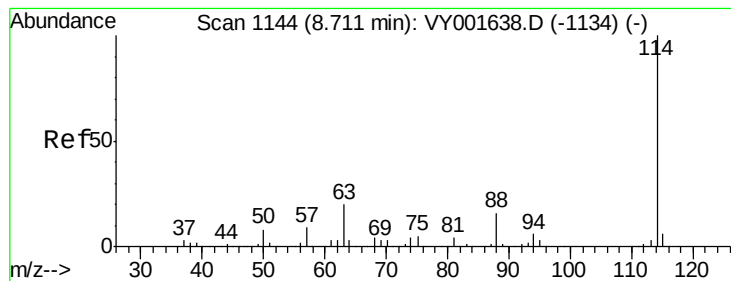
Tgt Ion: 65 Resp: 103284

Ion Ratio Lower Upper

65 100

67 54.4 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: VY001720.D

Acq: 20 Feb 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

SW-1

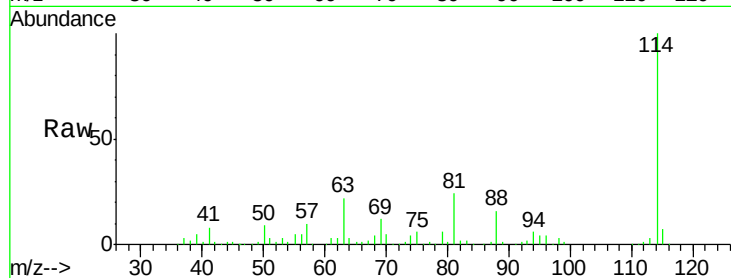
Tot Ion:114 Resp: 312404

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.4

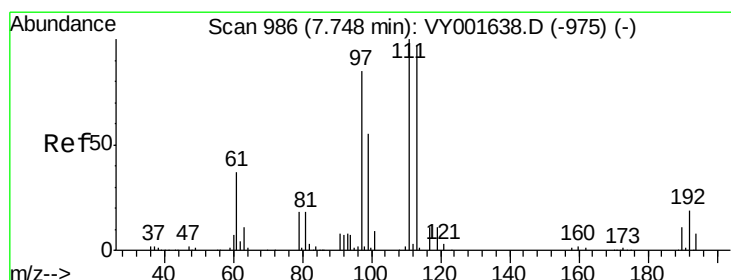
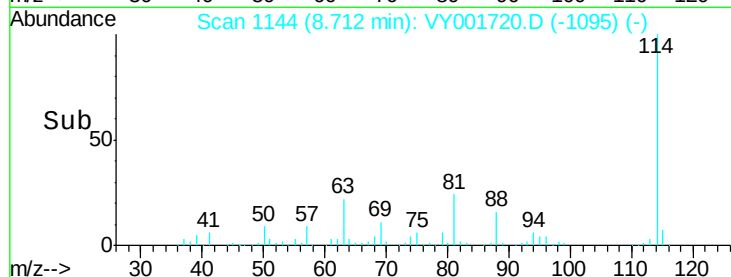
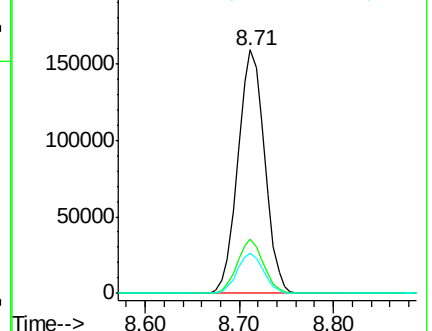
88 16.3 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 51.032 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

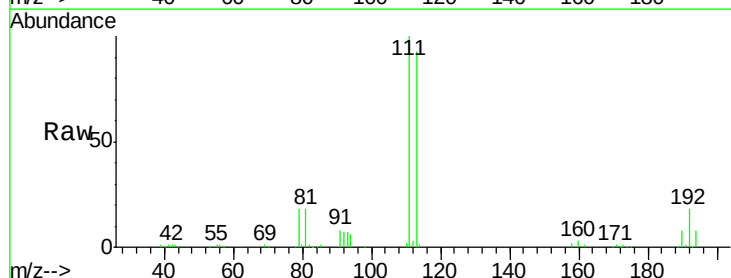
Tgt Ion:113 Resp: 91313

Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

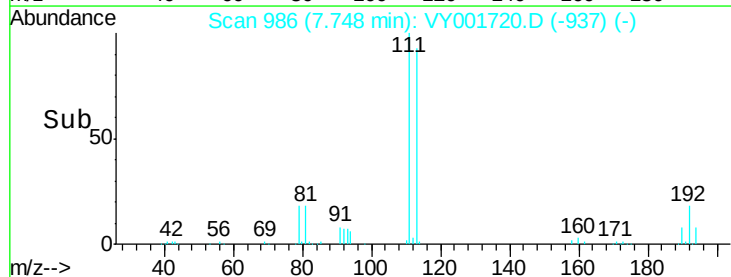
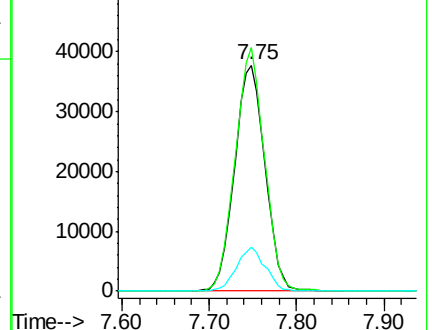
192 18.3 14.3 21.5

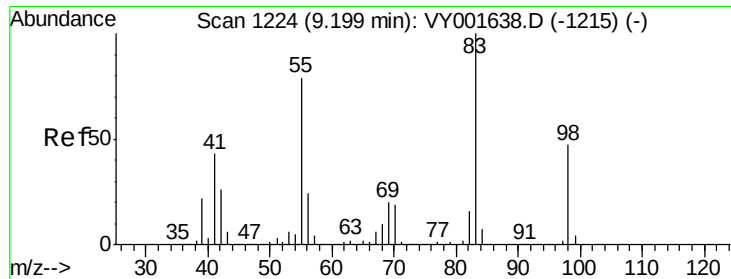


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

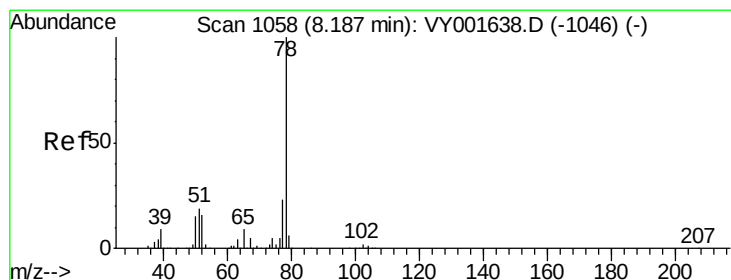
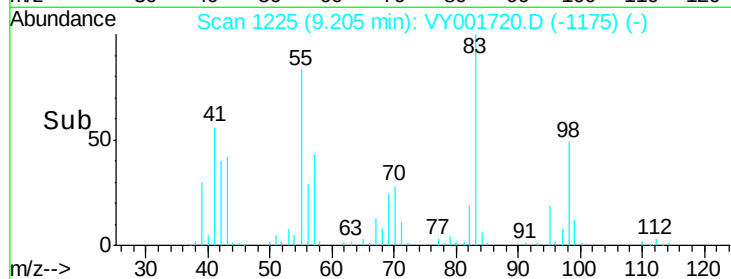
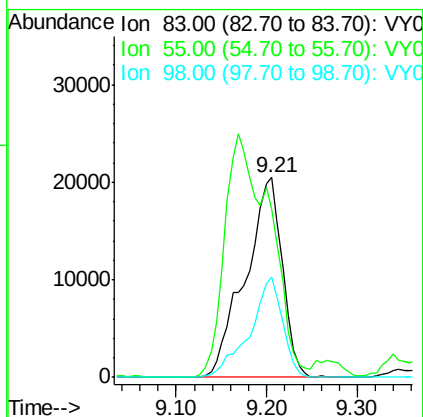
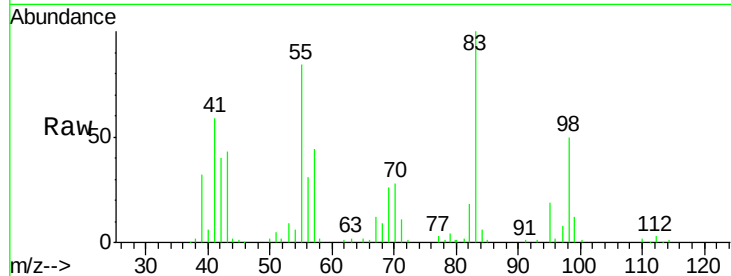




#39
Methylvlcyclohexane
Concen: 14.625 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

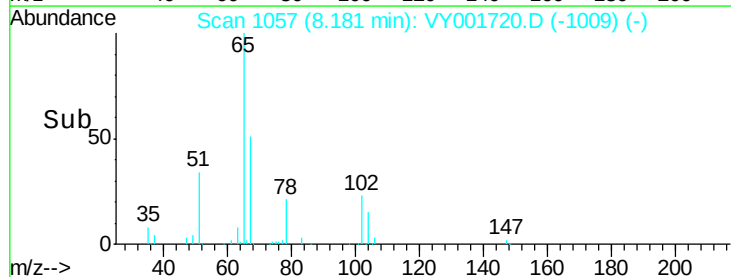
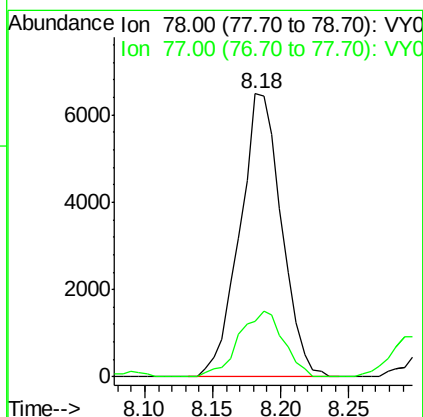
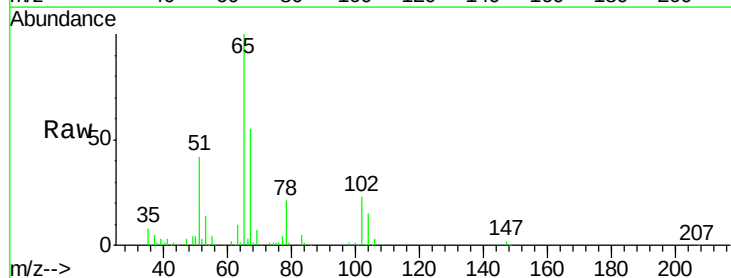
Instrument :
MSVOA_Y
ClientSampleId :
SW-1

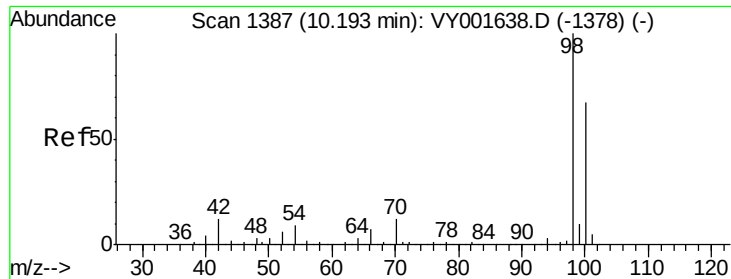
Tot Ion: 83 Resp: 57898
Ion Ratio Lower Upper
83 100
55 84.0 61.3 91.9
98 50.3 38.0 57.0



#40
Benzene
Concen: 1.588 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. -0.01 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

Tgt Ion: 78 Resp: 13936
Ion Ratio Lower Upper
78 100
77 19.8 18.2 27.4





#50

Toluene-d8

Concen: 54.733 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

Instrument :

MSVOA_Y

ClientSampleId :

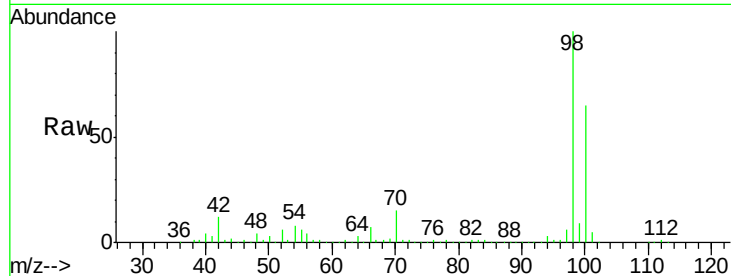
SW-1

Tot Ion: 98 Resp: 383677

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.20

250000

200000

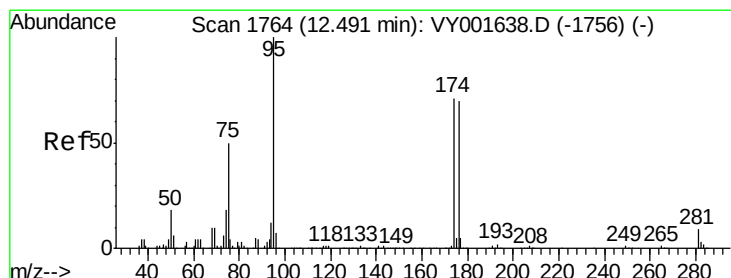
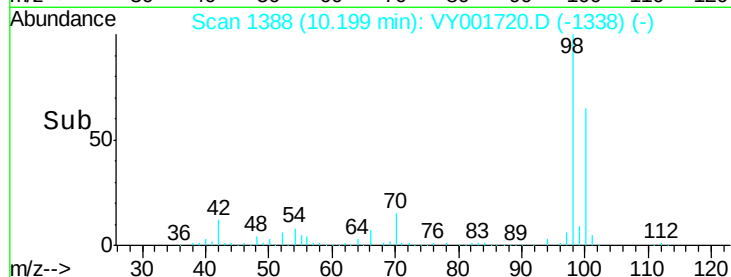
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.884 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001720.D

Acq: 20 Feb 2020 13:43

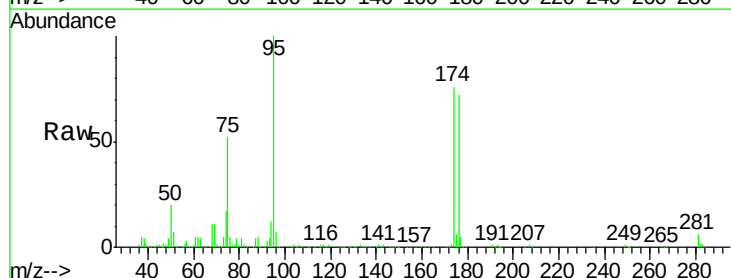
Tgt Ion: 95 Resp: 130403

Ion Ratio Lower Upper

95 100

174 74.2 0.0 138.4

176 70.9 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.50

100000

80000

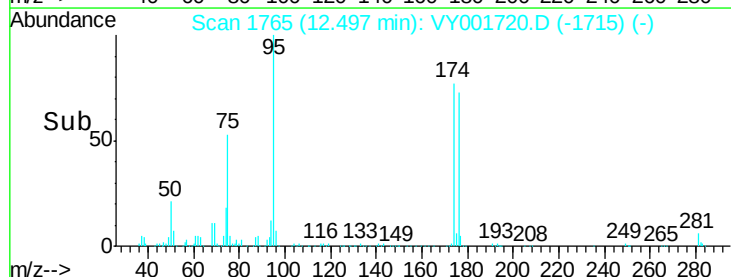
60000

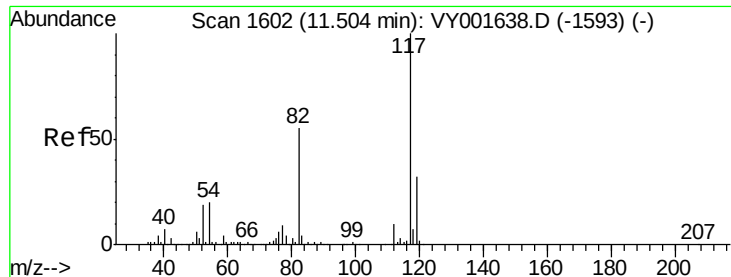
40000

20000

0

Time-->

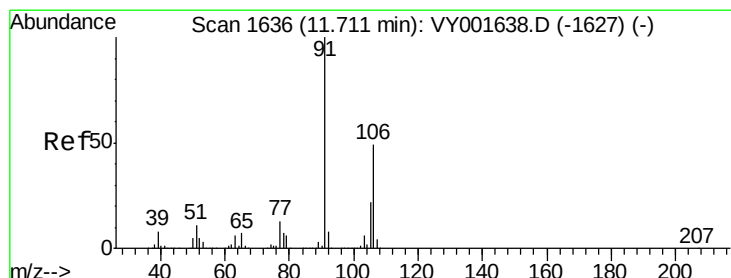
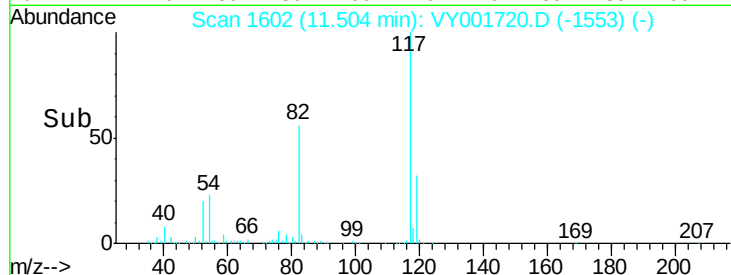
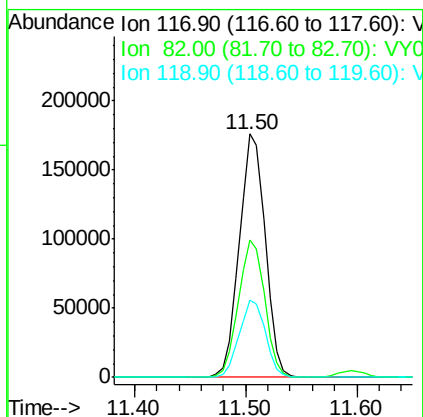
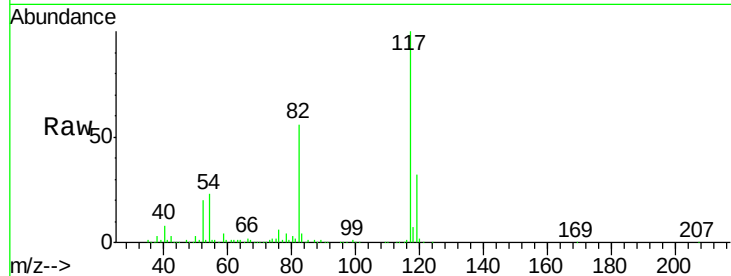




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

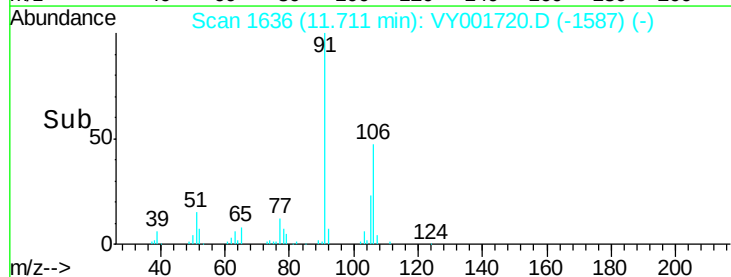
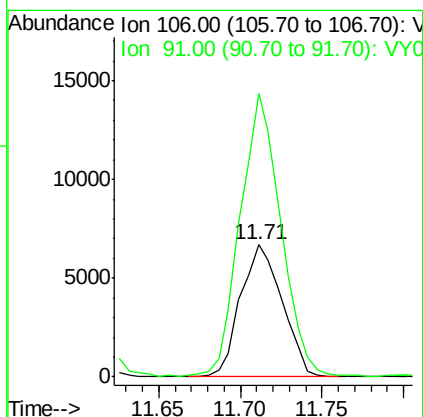
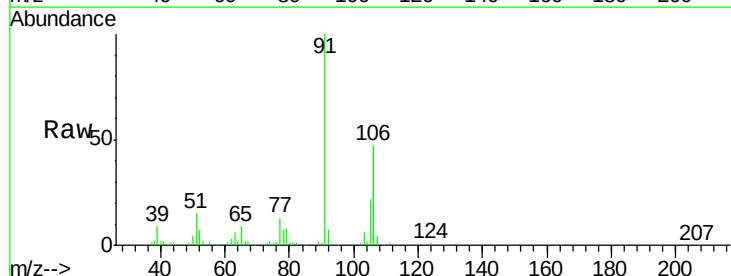
Instrument :
MSVOA_Y
ClientSampled :
SW-1

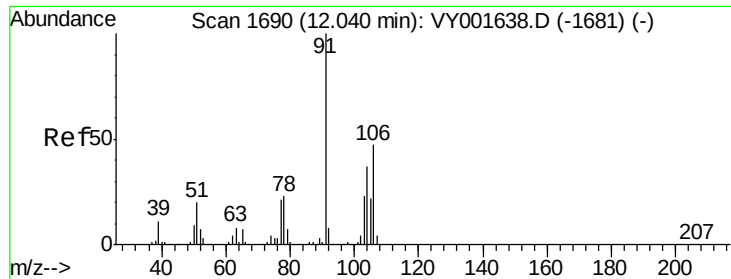
Tot Ion:117 Resp: 284057
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 31.8 25.8 38.6



#68
m/p-Xylenes
Concen: 3.033 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

Tgt Ion:106 Resp: 11922
Ion Ratio Lower Upper
106 100
91 209.7 163.3 244.9

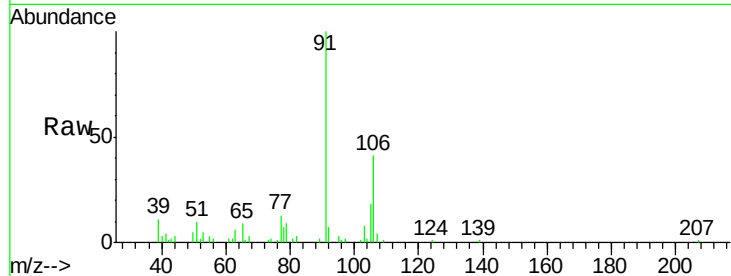




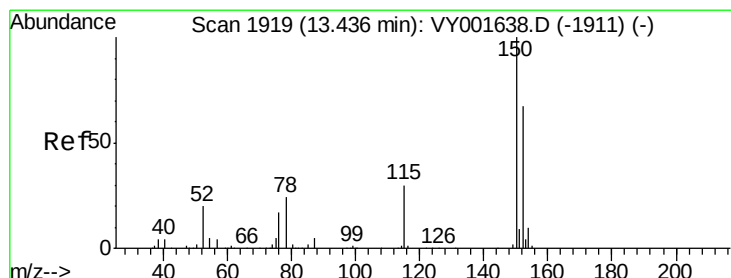
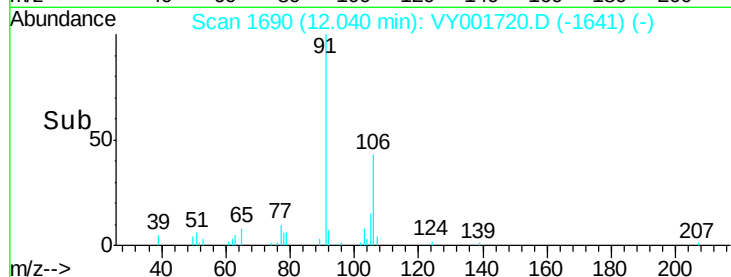
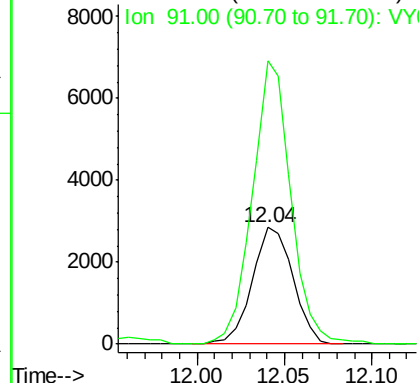
#69
o-Xylene
Concen: 1.232 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

Instrument :
MSVOA_Y
ClientSampled :
SW-1

Tot Ion:106 Resp: 4603
Ion Ratio Lower Upper
106 100
91 230.4 108.3 324.9

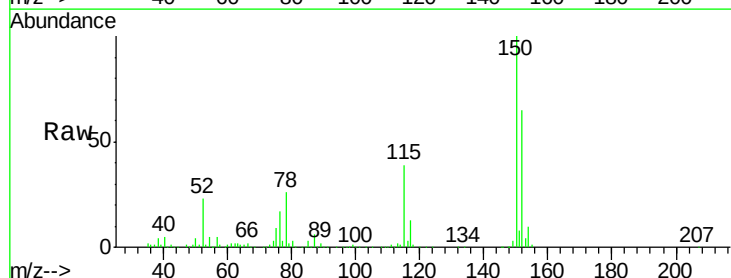


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

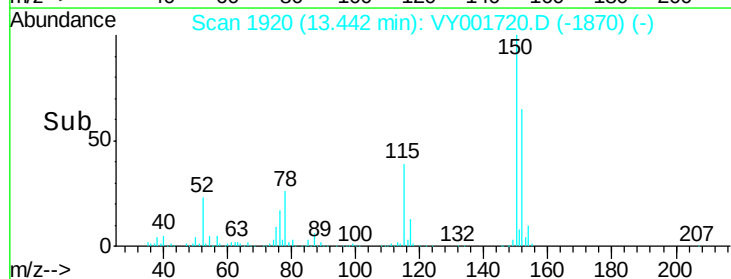
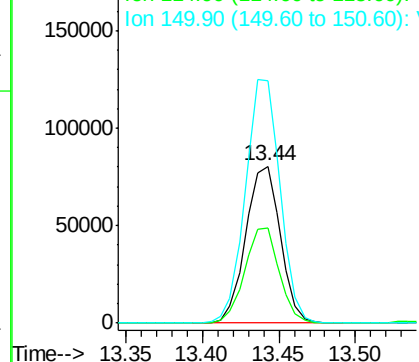


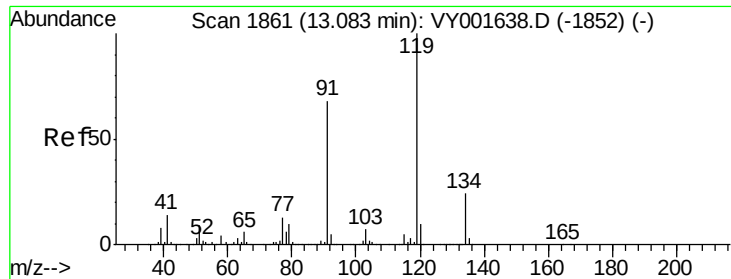
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

Tgt Ion:152 Resp: 126258
Ion Ratio Lower Upper
152 100
115 60.6 31.4 94.2
150 155.7 0.0 407.2



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

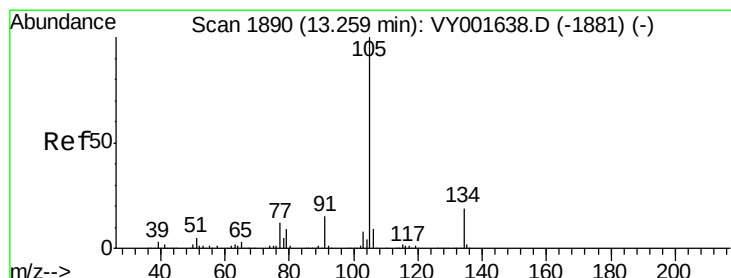
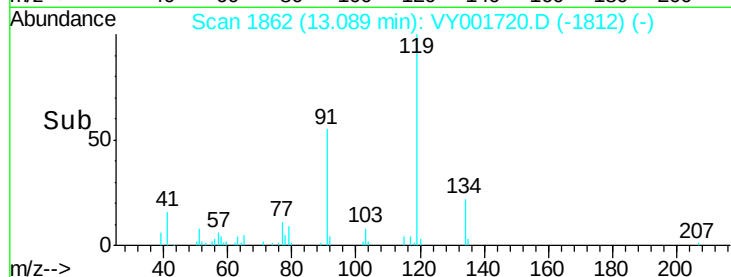
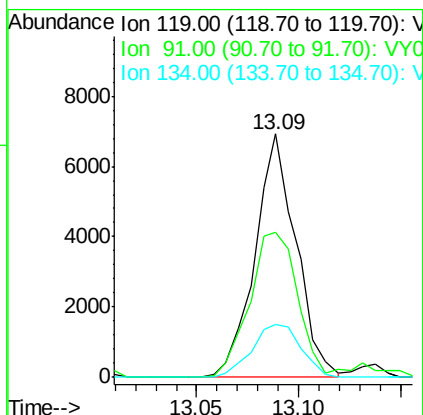
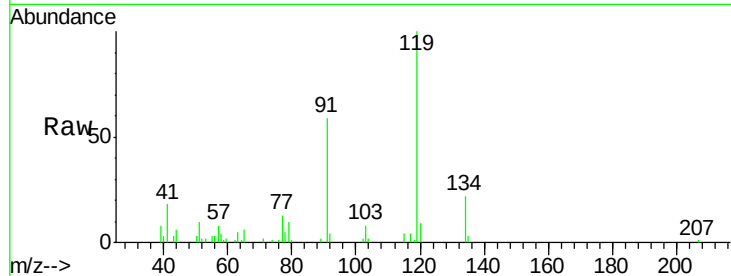




#83
tert-Butylbenzene
Concen: 1.455 ug/l
RT: 13.09 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

Instrument :
MSVOA_Y
ClientSampled :
SW-1

Tot Ion:119 Resp: 9689
Ion Ratio Lower Upper
119 100
91 71.2 33.5 100.5
134 26.0 13.3 39.8



#85
sec-Butylbenzene
Concen: 4.194 ug/l
RT: 13.27 min Scan# 1891
Delta R.T. 0.01 min
Lab File: VY001720.D
Acq: 20 Feb 2020 13:43

Tgt Ion:105 Resp: 41077
Ion Ratio Lower Upper
105 100
134 37.2 9.8 29.3#

