

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
 Data File : VY001949.D
 Acq On : 11 Mar 2020 17:30
 Operator : SY/MD
 Sample : L1893-13
 Misc : 8.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4(3-4)

Quant Time: Mar 12 09:35:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

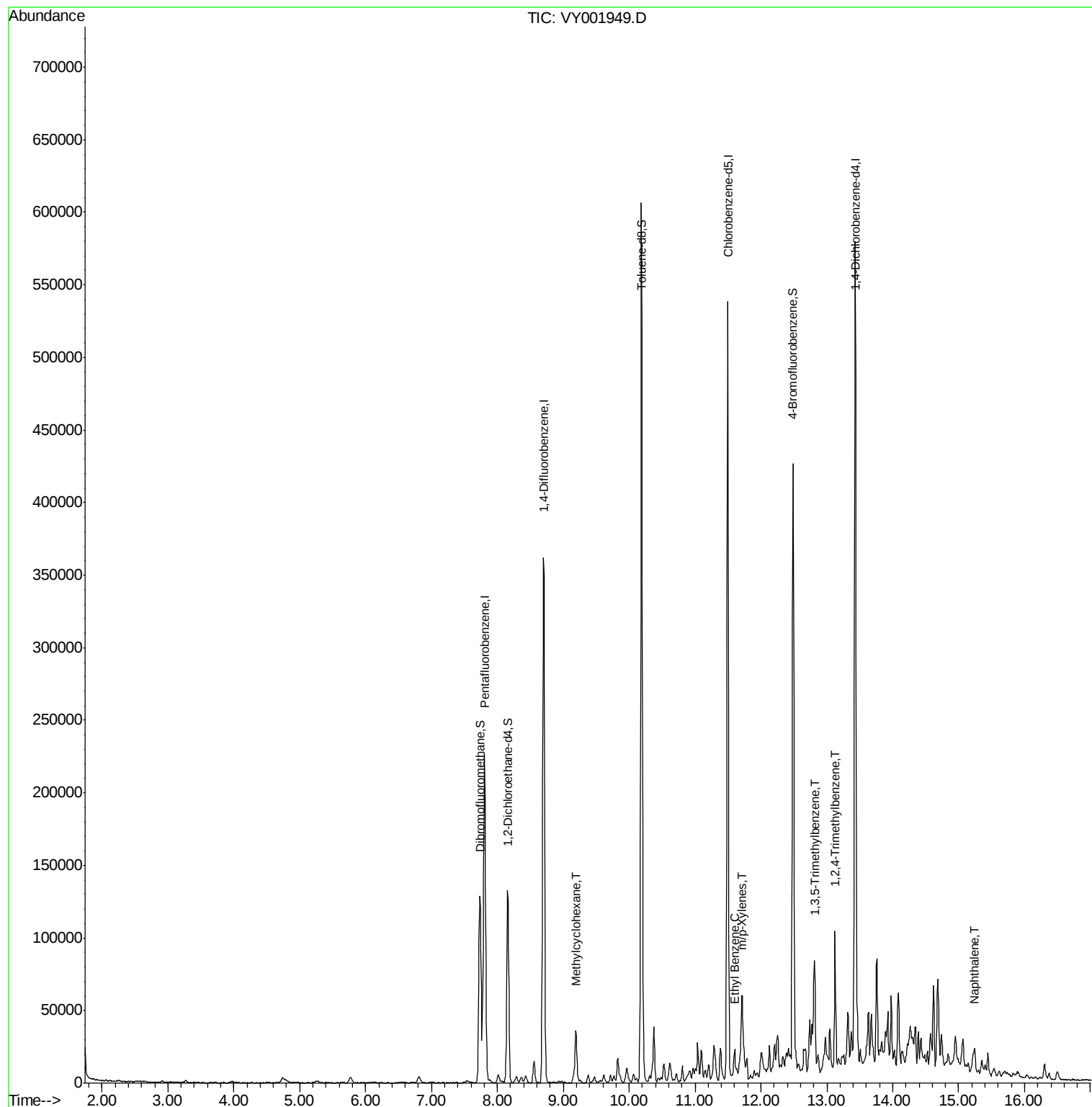
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	172068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	318622	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	294915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	136722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	101124	55.05	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	110.10%	
35) Dibromofluoromethane	7.74	113	94236	54.16	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.32%	
50) Toluene-d8	10.19	98	383282	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.49	95	141423	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.19	83	15995	3.933	ug/l	93
67) Ethyl Benzene	11.60	91	11813	1.078	ug/l	93
68) m/p-Xylenes	11.70	106	9149	2.258	ug/l	90
80) 1,3,5-Trimethylbenzene	12.81	105	12030	1.400	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	49988	5.862	ug/l	100
95) Naphthalene	15.24	128	12103	1.999	ug/l #	94

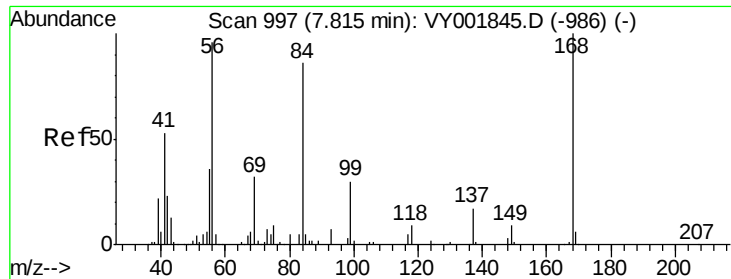
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
Data File : VY001949.D
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TP-4(3-4)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001949.D

Acq: 11 Mar 2020 17:30

Instrument :

MSVOA_Y

ClientSampleId :

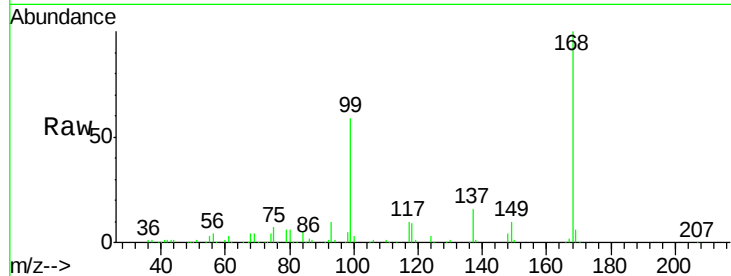
TP-4(3-4)

Tot Ion:168 Resp: 172068

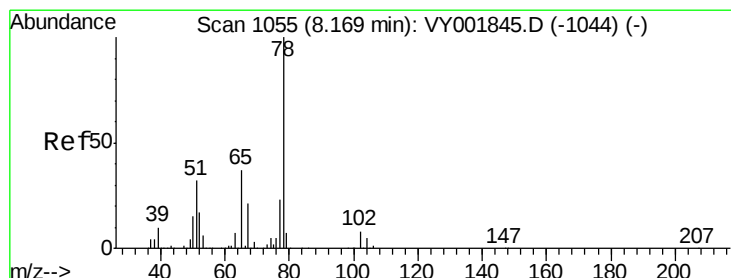
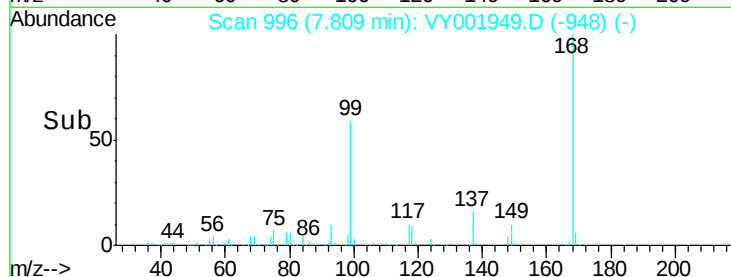
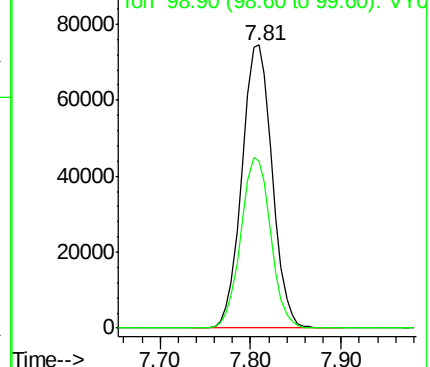
Ion Ratio Lower Upper

168 100

99 59.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.050 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001949.D

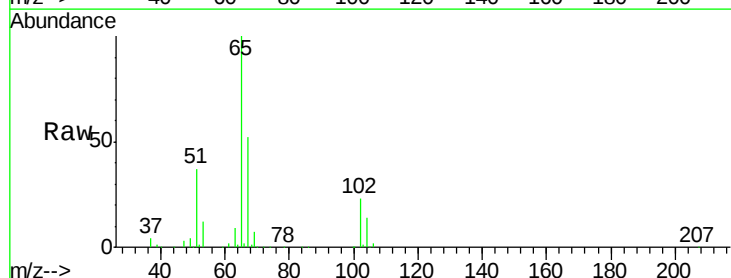
Acq: 11 Mar 2020 17:30

Tgt Ion: 65 Resp: 101124

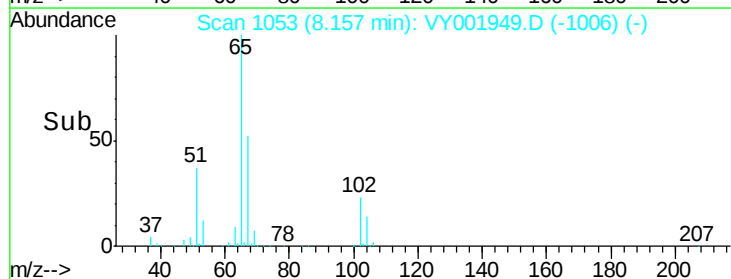
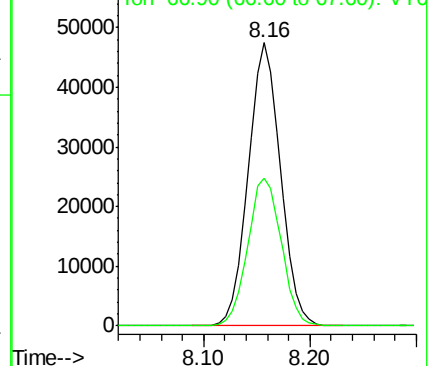
Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001845.D (-1044) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001949.D

Acq: 11 Mar 2020 17:30

Instrument :

MSVOA_Y

ClientSampleId :

TP-4(3-4)

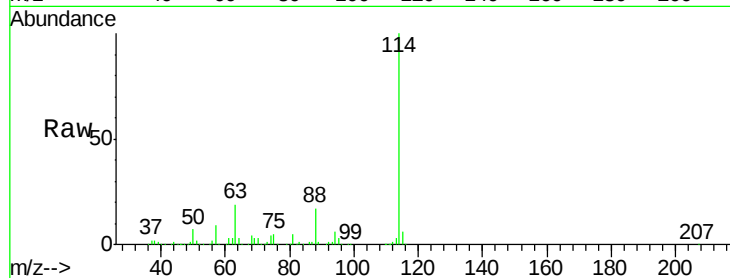
Tot Ion:114 Resp: 318622

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.4

88 16.5 0.0 30.4



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

200000

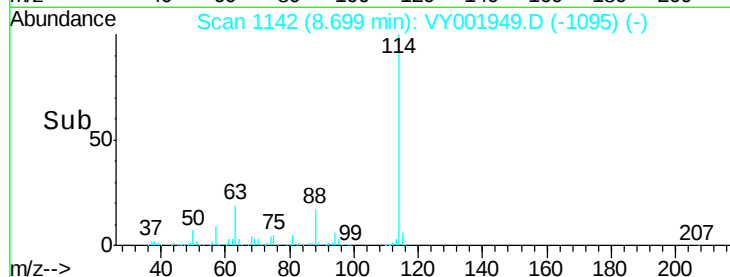
150000

100000

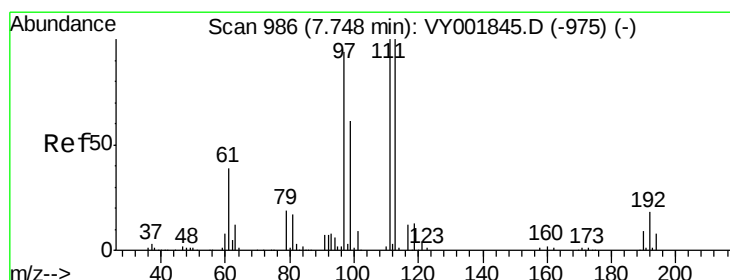
50000

0

8.60 8.65 8.70 8.75 8.80



Time-->



#35

Dibromofluoromethane

Concen: 54.164 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001949.D

Acq: 11 Mar 2020 17:30

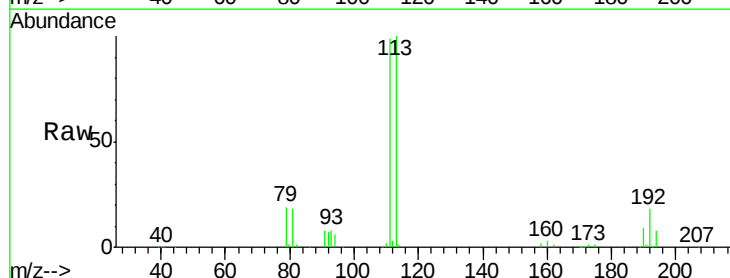
Tgt Ion:113 Resp: 94236

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.8

192 18.6 14.2 21.2



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

50000

40000

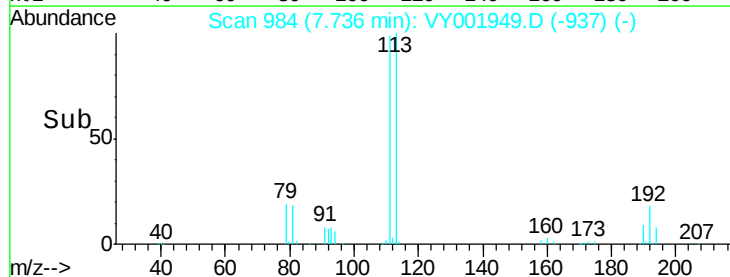
30000

20000

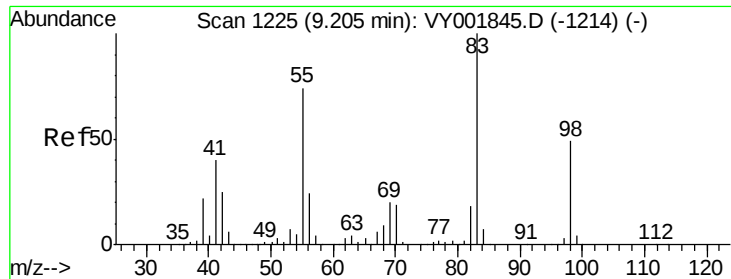
10000

0

7.65 7.70 7.75 7.80 7.85



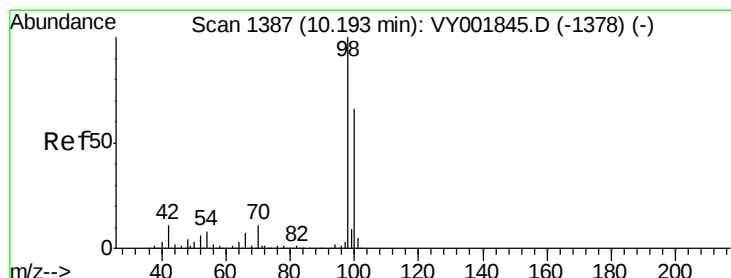
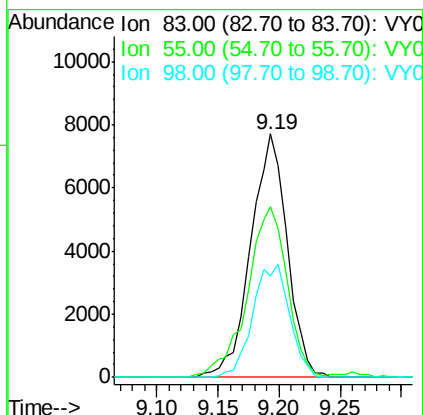
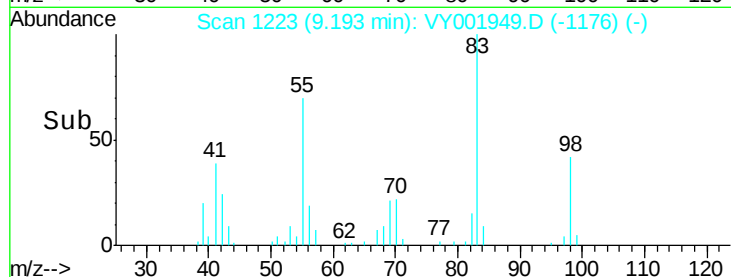
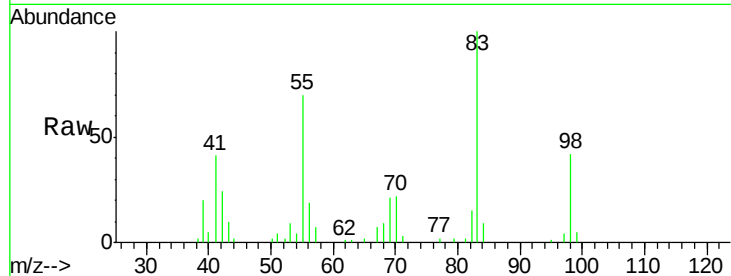
Time-->



#39
Methylcyclohexane
Concen: 3.933 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001949.D
Acq: 11 Mar 2020 17:30

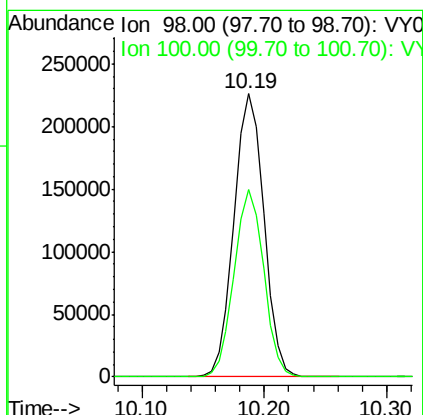
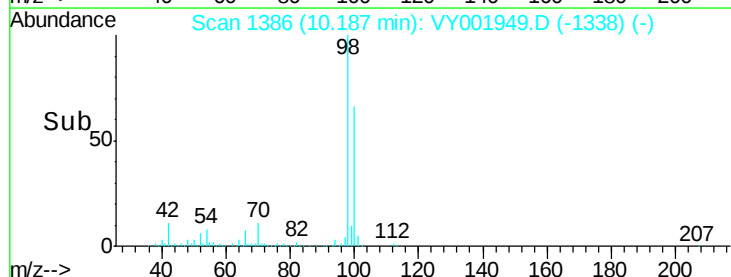
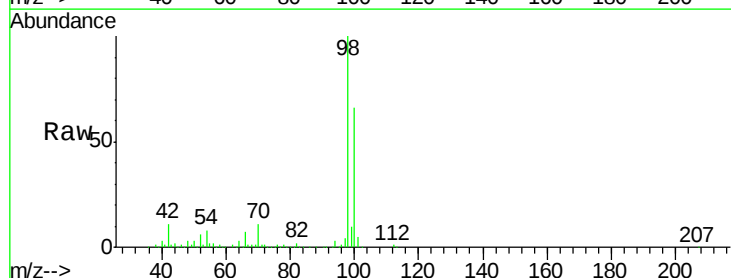
Instrument :
MSVOA_Y
ClientSampleId :
TP-4(3-4)

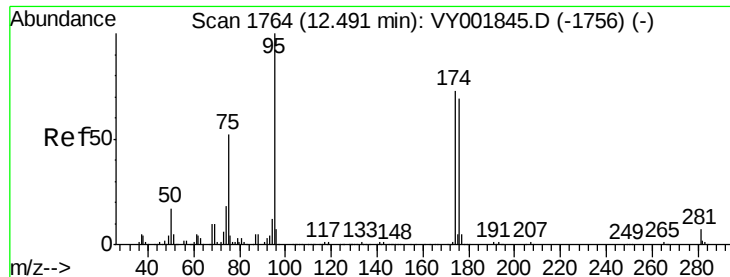
Tot Ion: 83 Resp: 15995
Ion Ratio Lower Upper
83 100
55 70.3 59.4 89.0
98 41.8 38.9 58.3



#50
Toluene-d8
Concen: 52.243 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001949.D
Acq: 11 Mar 2020 17:30

Tgt Ion: 98 Resp: 383282
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4

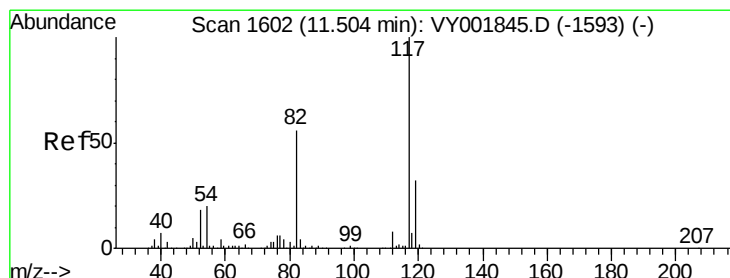
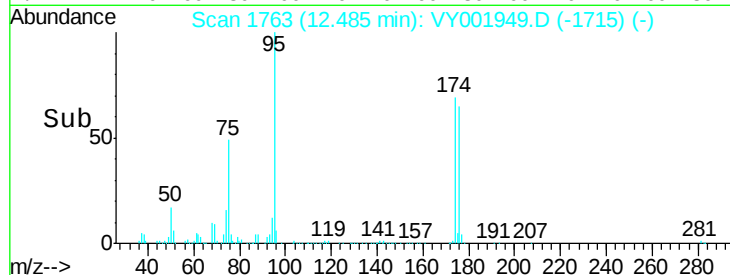
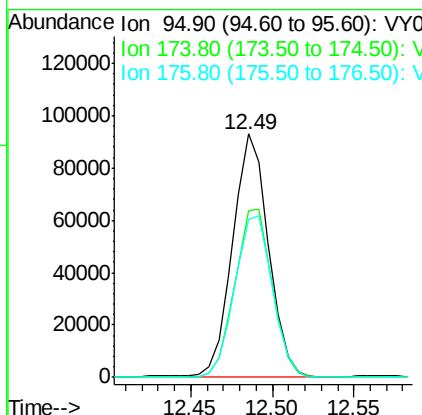
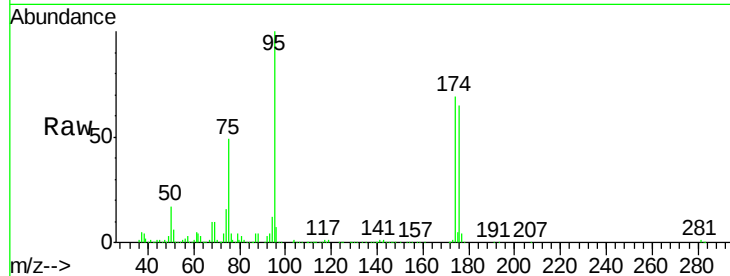




#62
4-Bromofluorobenzene
Concen: 55.438 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001949.D
Acq: 11 Mar 2020 17:30

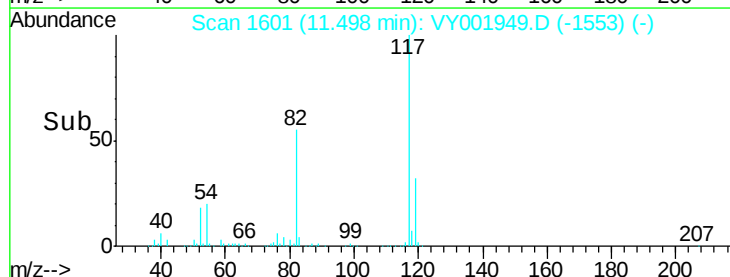
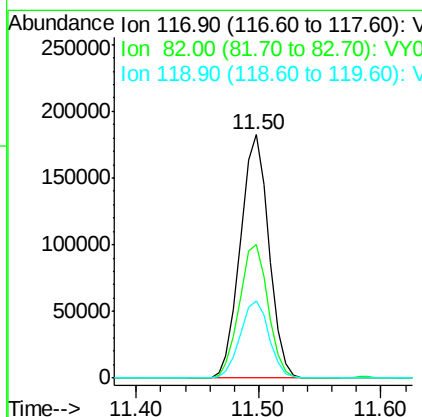
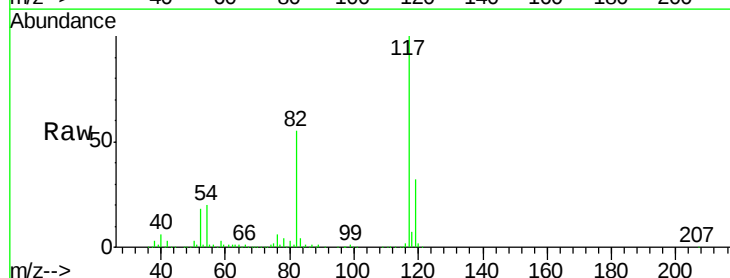
Instrument :
MSVOA_Y
ClientSampleId :
TP-4(3-4)

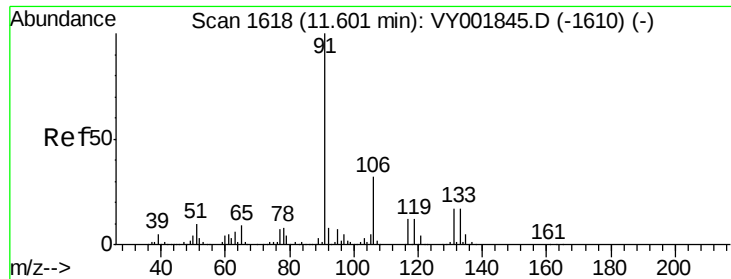
Tot Ion: 95 Resp: 141423
Ion Ratio Lower Upper
95 100
174 72.4 0.0 145.0
176 70.2 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001949.D
Acq: 11 Mar 2020 17:30

Tgt Ion: 117 Resp: 294915
Ion Ratio Lower Upper
117 100
82 54.6 44.5 66.7
119 31.9 25.7 38.5





#67

Ethyl Benzene

Concen: 1.078 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VY001949.D

Acq: 11 Mar 2020 17:30

Instrument :

MSVOA_Y

ClientSampleId :

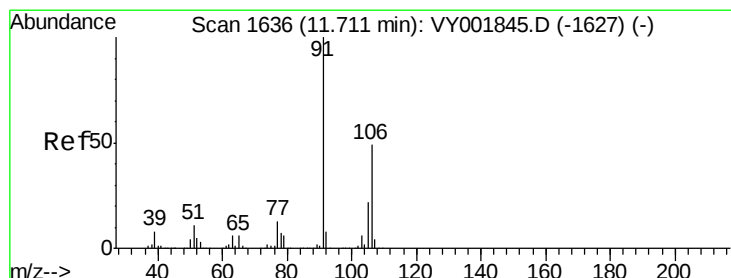
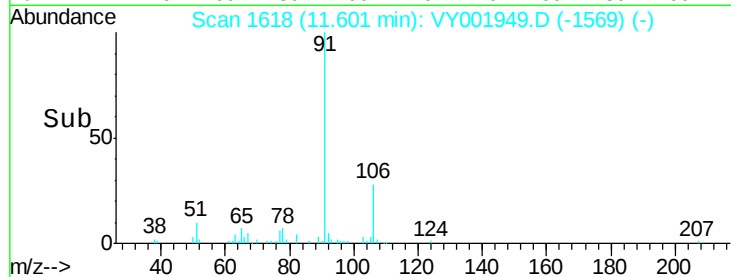
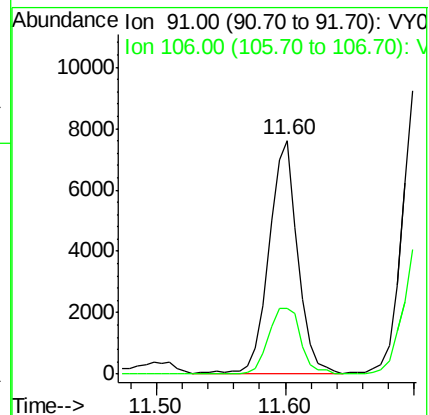
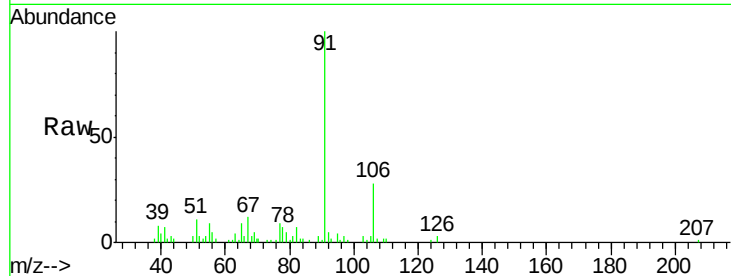
TP-4(3-4)

Tot Ion: 91 Resp: 11813

Ion Ratio Lower Upper

91 100

106 28.0 25.4 38.2



#68

m/p-Xylenes

Concen: 2.258 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY001949.D

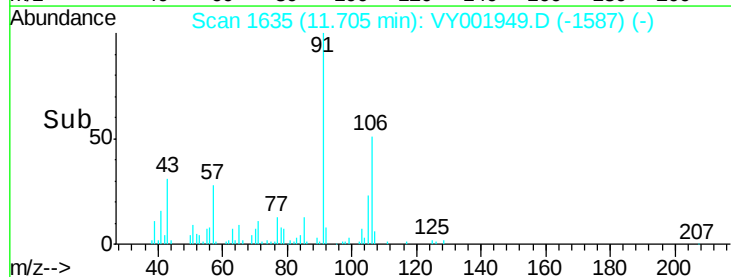
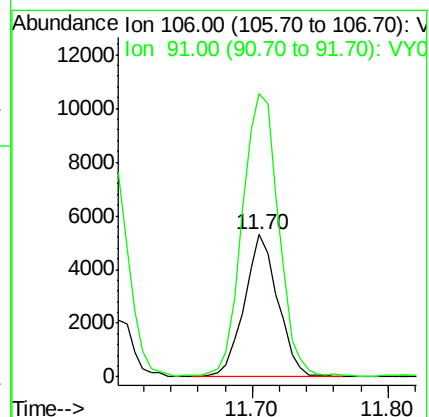
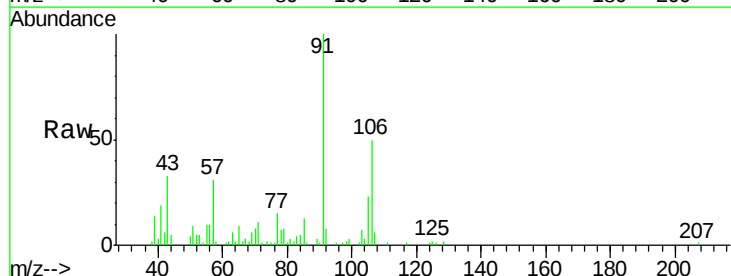
Acq: 11 Mar 2020 17:30

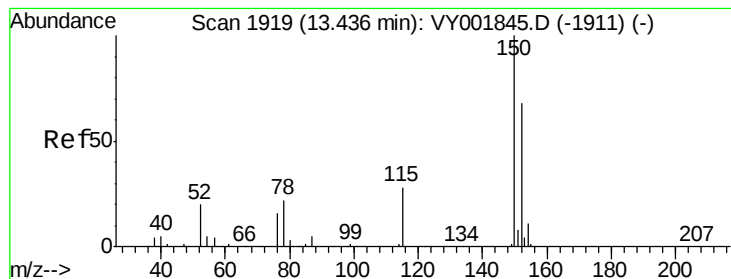
Tgt Ion: 106 Resp: 9149

Ion Ratio Lower Upper

106 100

91 217.1 161.3 241.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001949.D

Acq: 11 Mar 2020 17:30

Instrument :

MSVOA_Y

ClientSampleId :

TP-4(3-4)

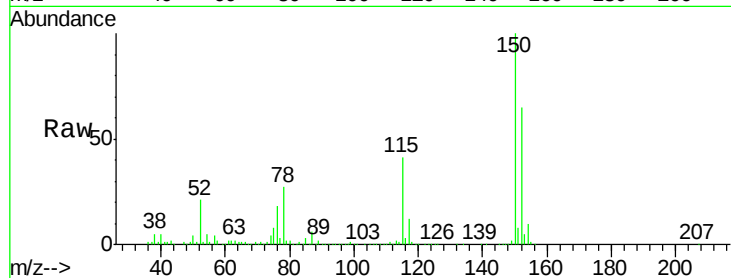
Tot Ion:152 Resp: 136722

Ion Ratio Lower Upper

152 100

115 62.1 29.9 89.7

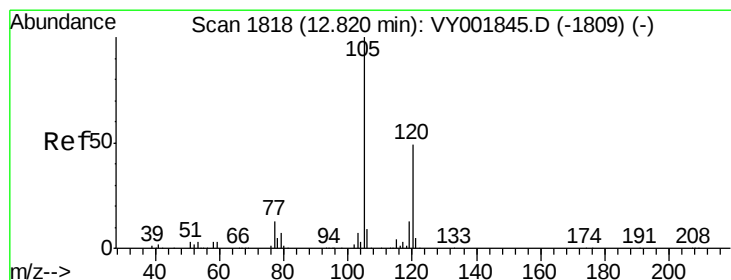
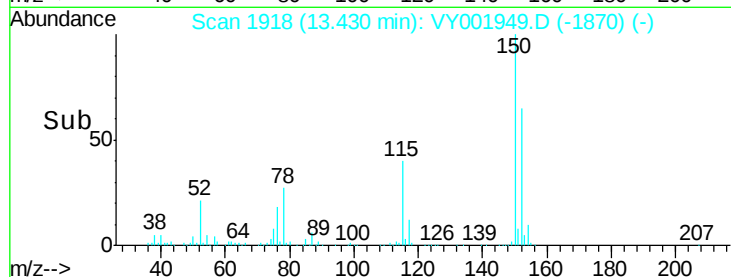
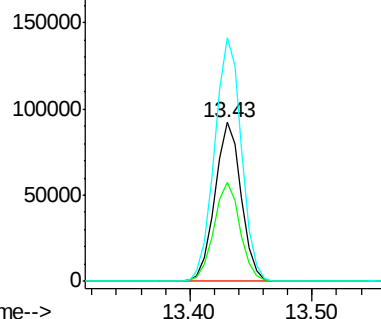
150 157.3 0.0 340.6



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



#80

1,3,5-Trimethylbenzene

Concen: 1.400 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001949.D

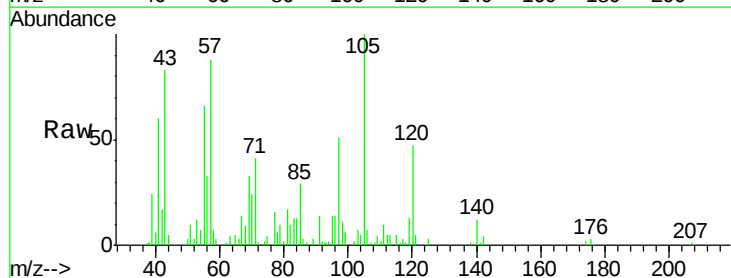
Acq: 11 Mar 2020 17:30

Tgt Ion:105 Resp: 12030

Ion Ratio Lower Upper

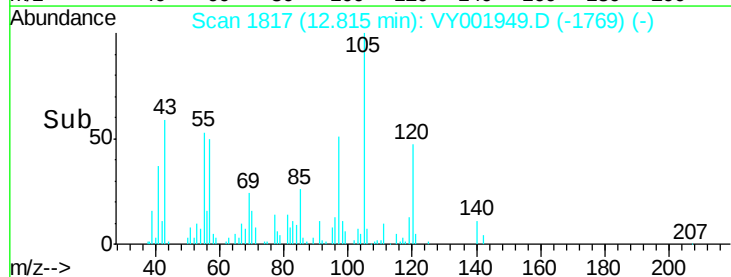
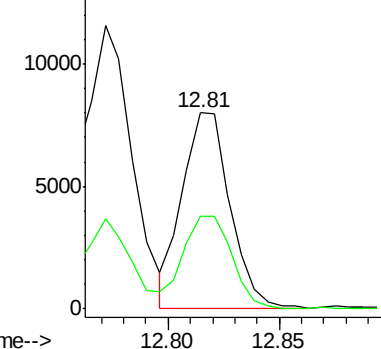
105 100

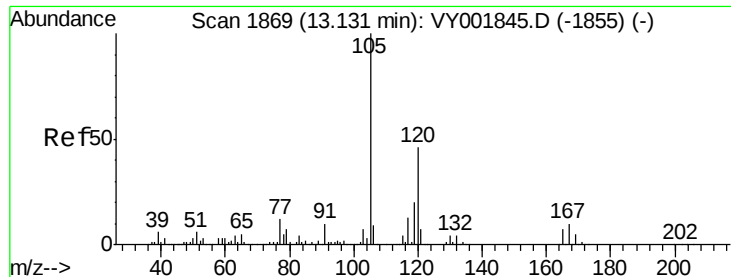
120 47.9 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

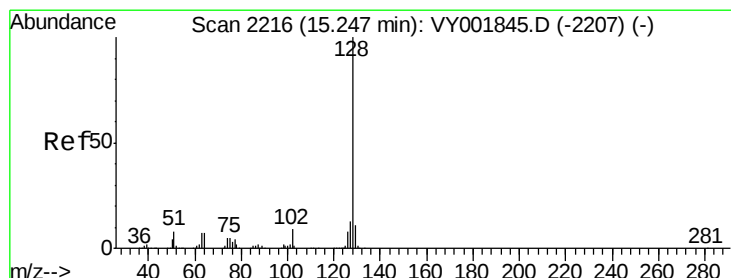
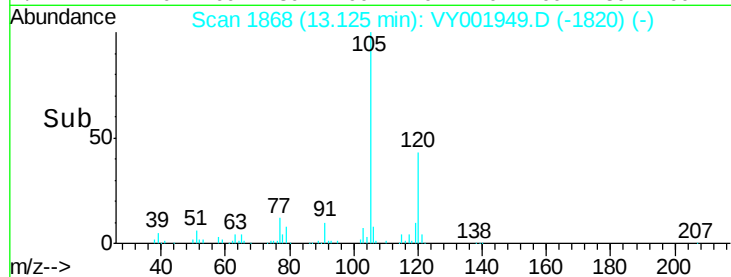
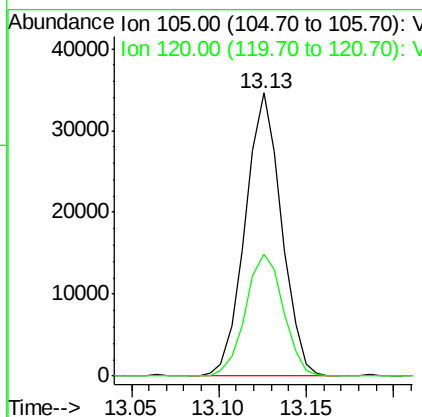
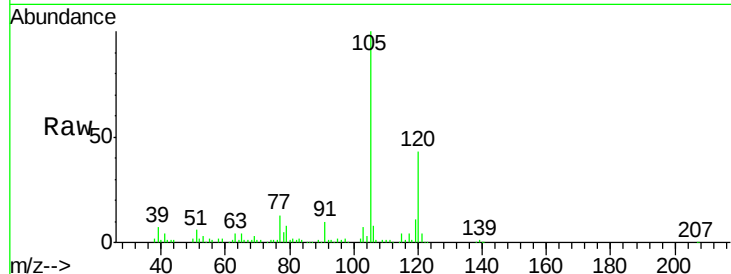




#84
 1,2,4-Trimethylbenzene
 Concen: 5.862 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY001949.D
 Acq: 11 Mar 2020 17:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4(3-4)

Tot Ion:105 Resp: 49988
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.6 67.7



#95
 Naphthalene
 Concen: 1.999 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. -0.01 min
 Lab File: VY001949.D
 Acq: 11 Mar 2020 17:30

Tgt Ion:128 Resp: 12103
 Ion Ratio Lower Upper
 128 100
 127 14.6 10.1 15.1
 129 13.4 8.6 13.0#

