

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
 Data File : VY001948.D
 Acq On : 11 Mar 2020 17:08
 Operator : SY/MD
 Sample : L1893-09RE
 Misc : 7.46G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2(8-9)RE

Quant Time: Mar 12 09:33:34 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

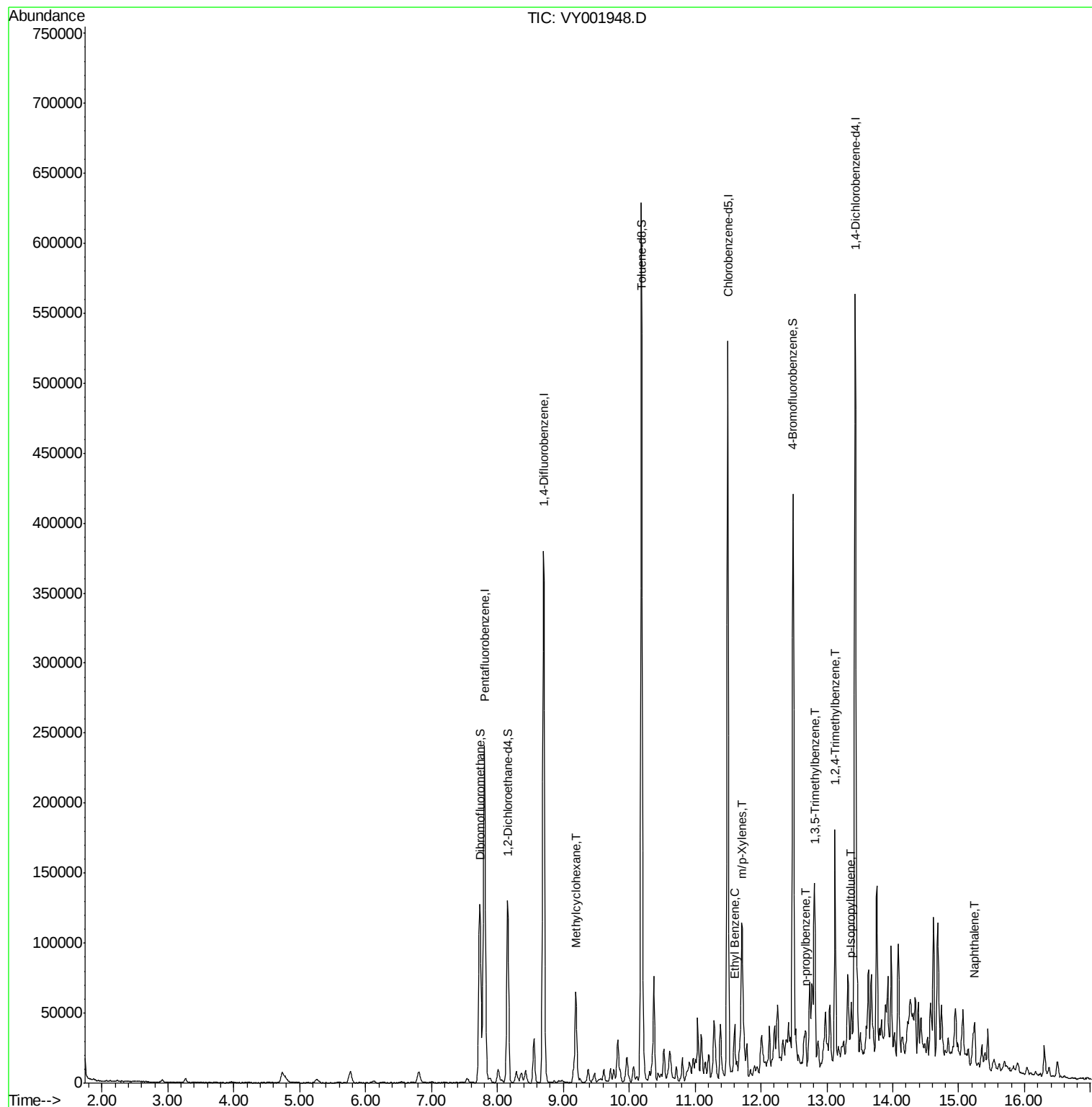
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	176112	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	321082	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	289111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	132888	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	101475	53.97	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.94%	
35) Dibromofluoromethane	7.73	113	92357	52.68	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	10.19	98	386074	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.49	95	136652	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
Target Compounds						
39) Methylcyclohexane	9.19	83	29022	7.082	ug/l	95
67) Ethyl Benzene	11.60	91	22292	2.075	ug/l	99
68) m/p-Xylenes	11.70	106	18808	4.735	ug/l	99
78) n-propylbenzene	12.68	91	19844	1.586	ug/l	96
80) 1,3,5-Trimethylbenzene	12.82	105	19595	2.346	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	86668	10.457	ug/l	100
86) p-Isopropyltoluene	13.38	119	11617	1.317	ug/l	99
95) Naphthalene	15.24	128	21993	3.737	ug/l #	94

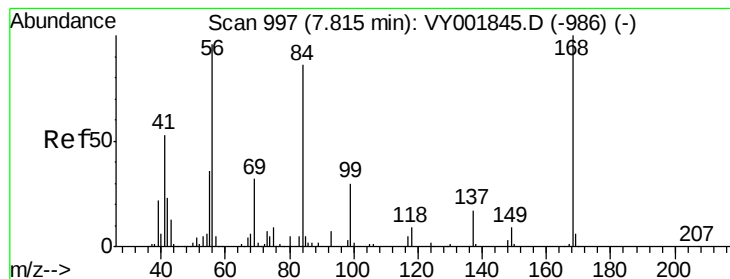
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY031120\
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Quant Time: Mar 12 09:33:34 2020
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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: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001948.D

Acq: 11 Mar 2020 17:08

Instrument :

MSVOA_Y

ClientSampleId :

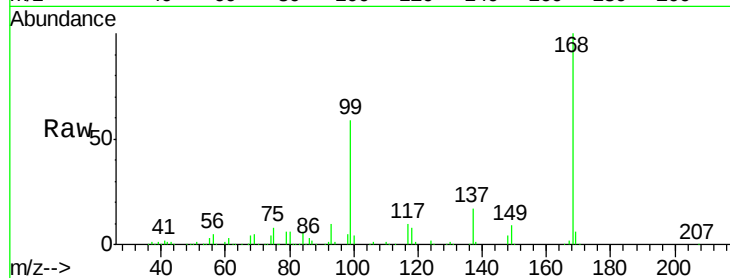
TP-2(8-9)RE

Tot Ion:168 Resp: 176112

Ion Ratio Lower Upper

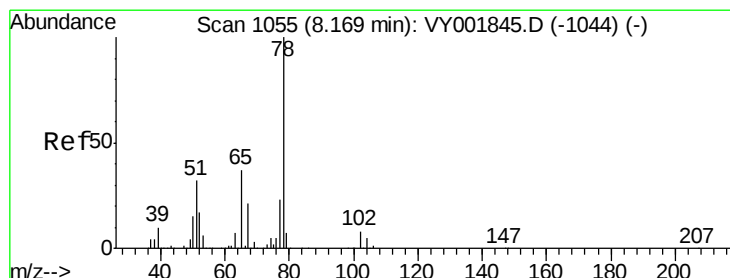
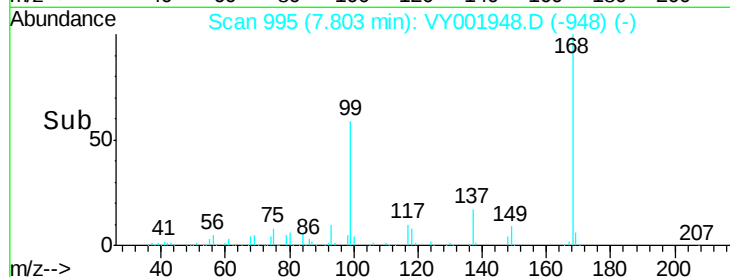
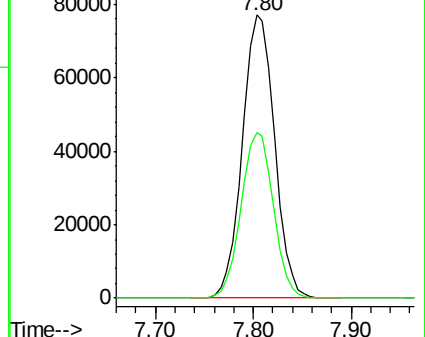
168 100

99 58.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001948.D (-1006) (-)

Ion 98.90 (98.60 to 99.60): VY001948.D (-1006) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.973 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001948.D

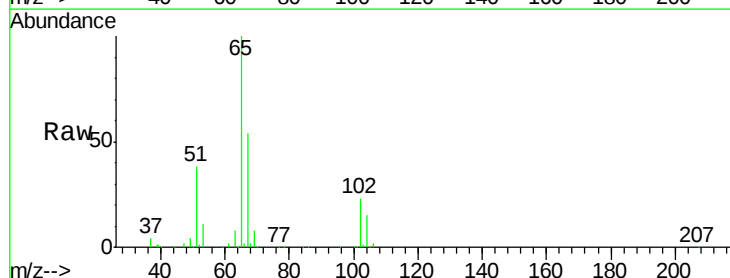
Acq: 11 Mar 2020 17:08

Tgt Ion: 65 Resp: 101475

Ion Ratio Lower Upper

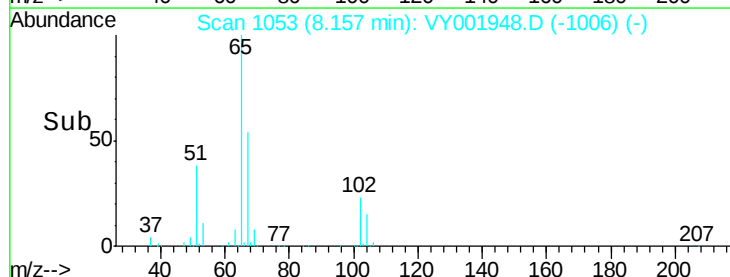
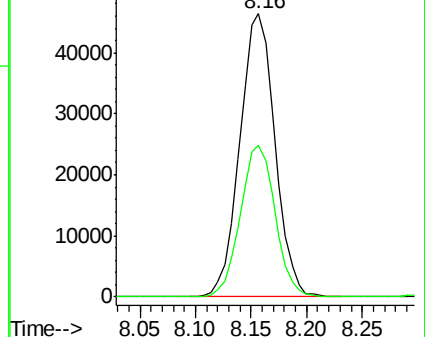
65 100

67 53.0 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY001948.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001948.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001948.D

Acq: 11 Mar 2020 17:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-2(8-9)RE

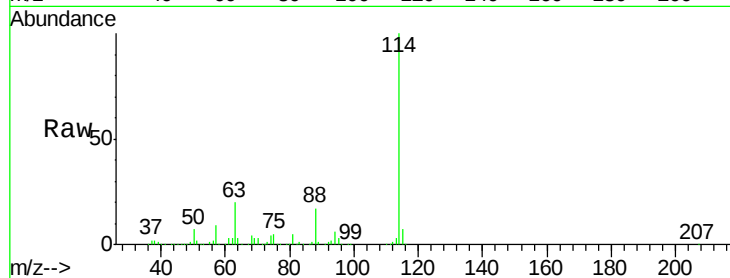
Tot Ion:114 Resp: 321082

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.4

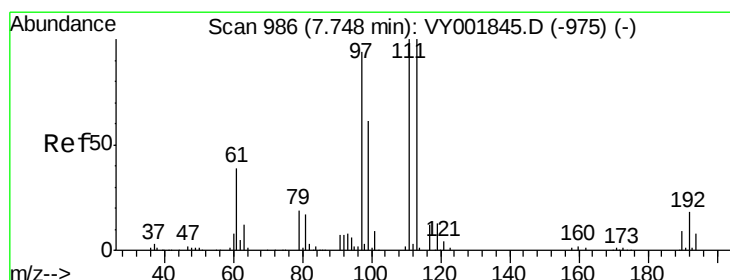
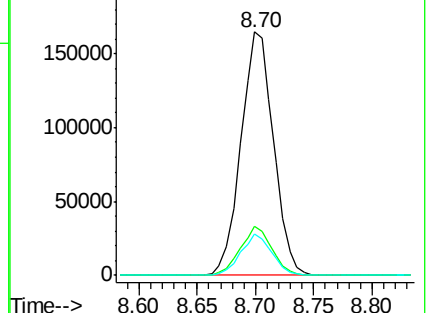
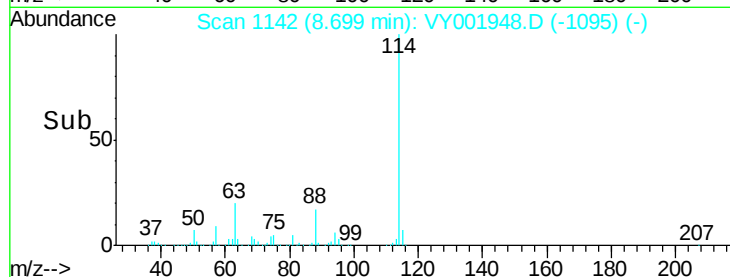
88 17.0 0.0 30.4



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



#35

Dibromofluoromethane

Concen: 52.678 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001948.D

Acq: 11 Mar 2020 17:08

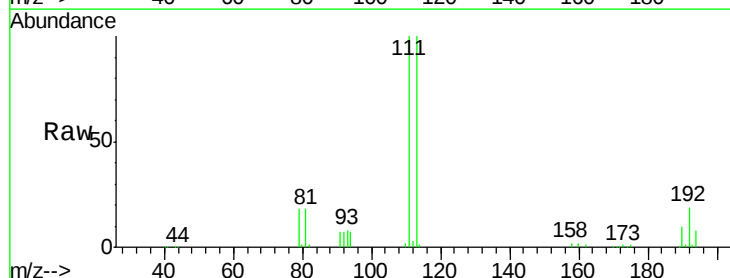
Tgt Ion:113 Resp: 92357

Ion Ratio Lower Upper

113 100

111 104.0 81.8 122.8

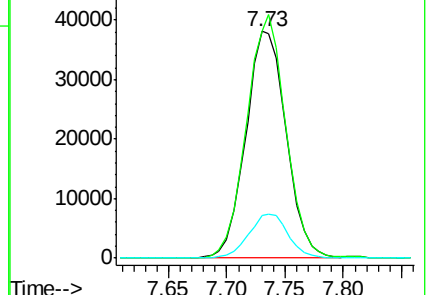
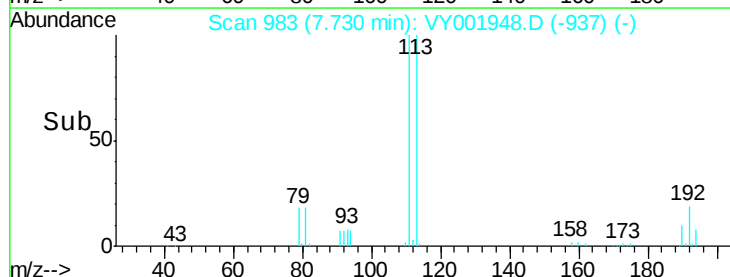
192 18.9 14.2 21.2

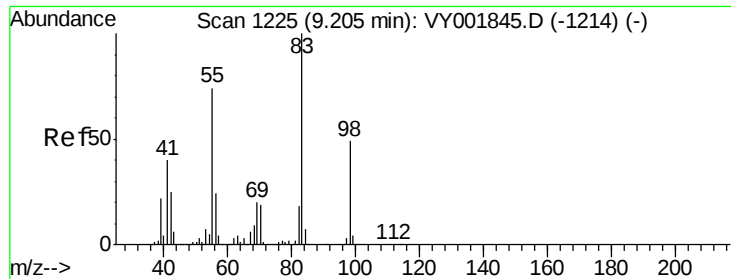


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

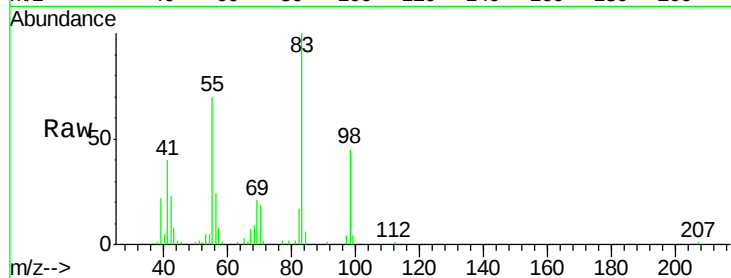




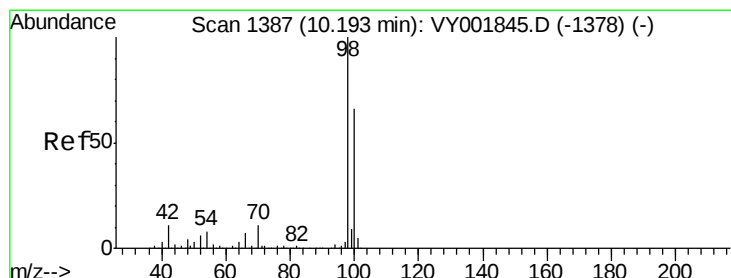
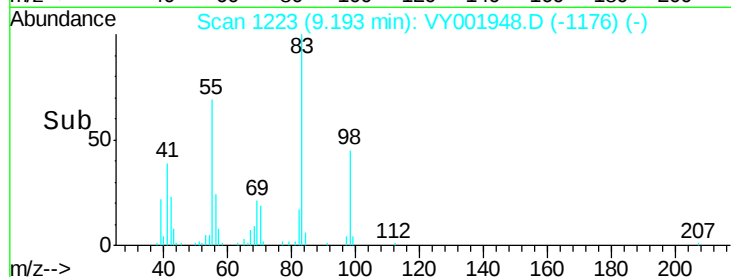
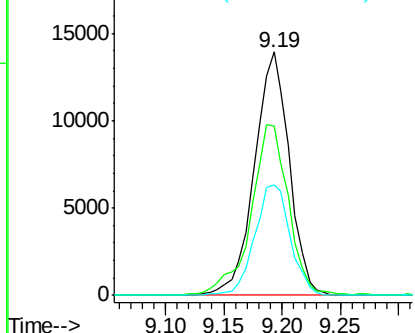
#39
Methylcyclohexane
Concen: 7.082 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001948.D
Acq: 11 Mar 2020 17:08

Instrument :
MSVOA_Y
ClientSampleId :
TP-2(8-9)RE

Tot Ion: 83 Resp: 29022
Ion Ratio Lower Upper
83 100
55 69.1 59.4 89.0
98 45.5 38.9 58.3

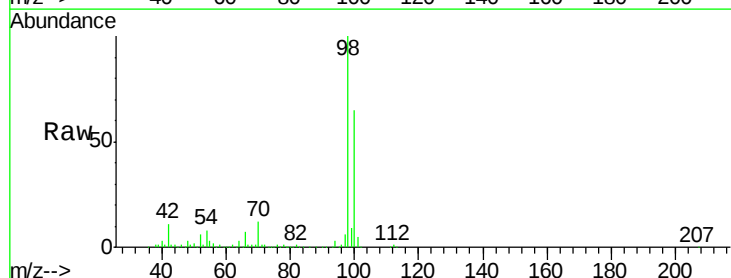


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

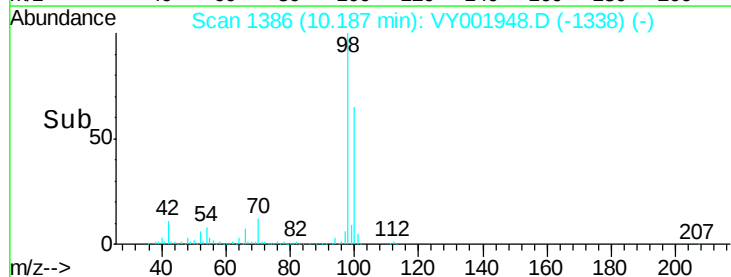
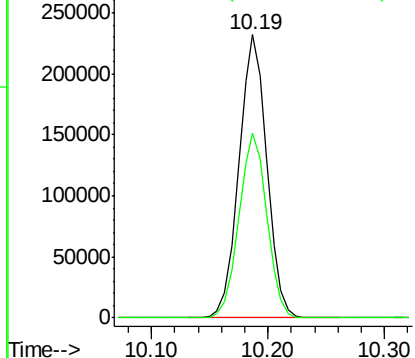


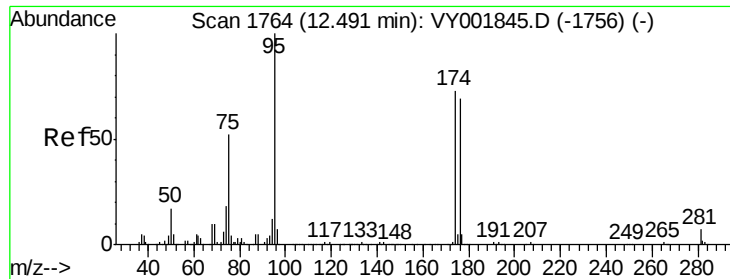
#50
Toluene-d8
Concen: 52.220 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001948.D
Acq: 11 Mar 2020 17:08

Tgt Ion: 98 Resp: 386074
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0

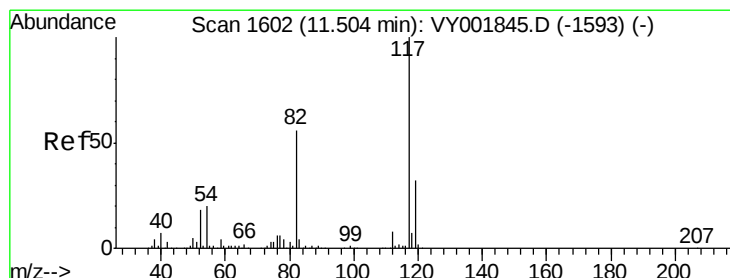
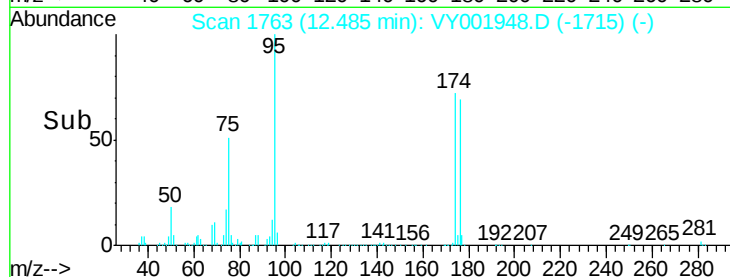
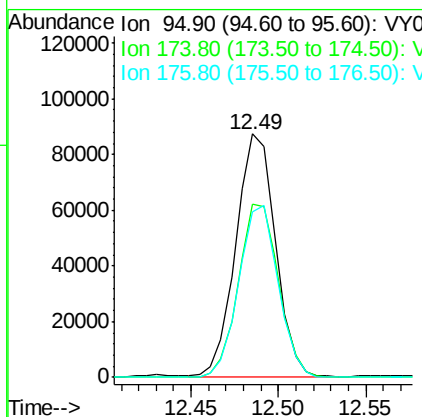
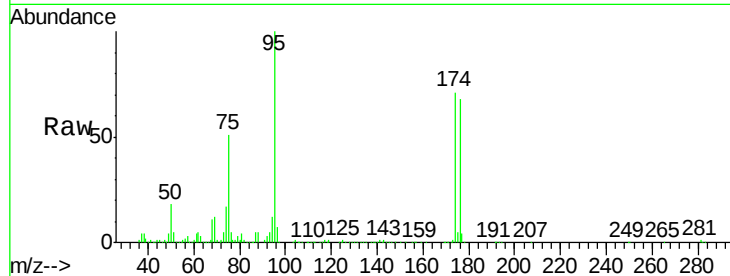




#62
4-Bromofluorobenzene
Concen: 53.158 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001948.D
Acq: 11 Mar 2020 17:08

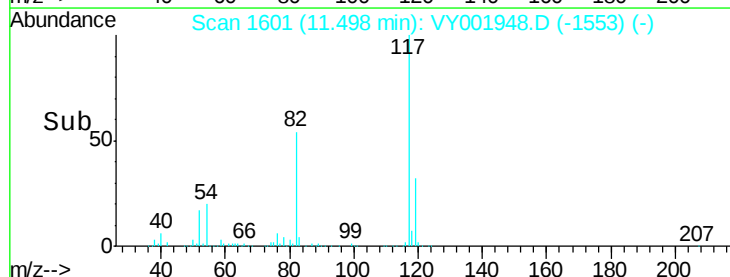
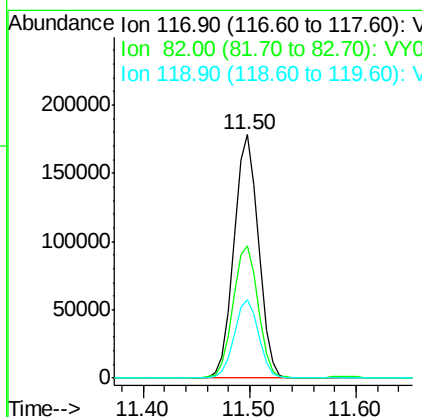
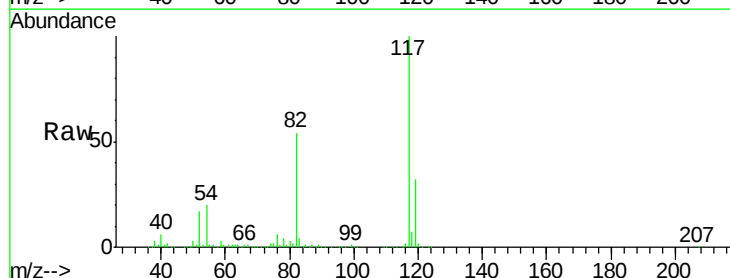
Instrument :
MSVOA_Y
ClientSampleId :
TP-2(8-9)RE

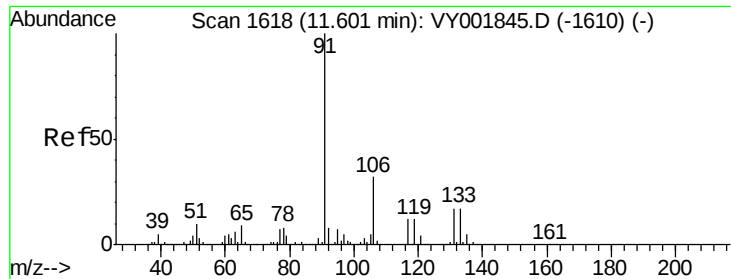
Tot Ion: 95 Resp: 136652
Ion Ratio Lower Upper
95 100
174 72.7 0.0 145.0
176 70.9 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001948.D
Acq: 11 Mar 2020 17:08

Tgt Ion: 117 Resp: 289111
Ion Ratio Lower Upper
117 100
82 54.2 44.5 66.7
119 32.4 25.7 38.5

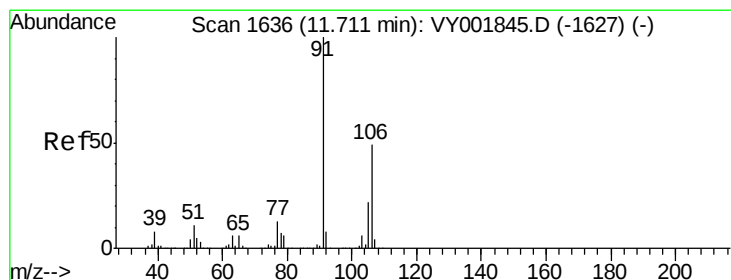
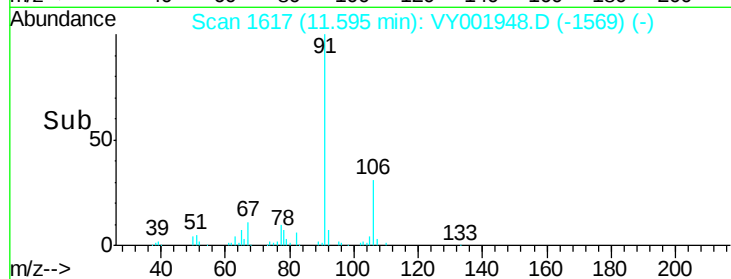
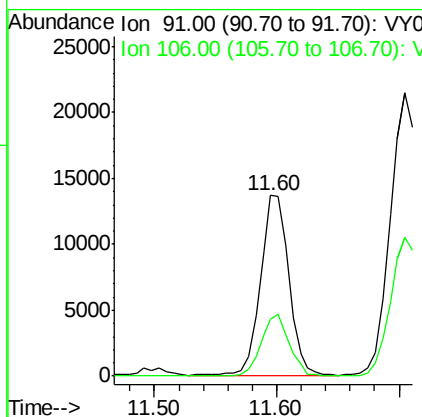
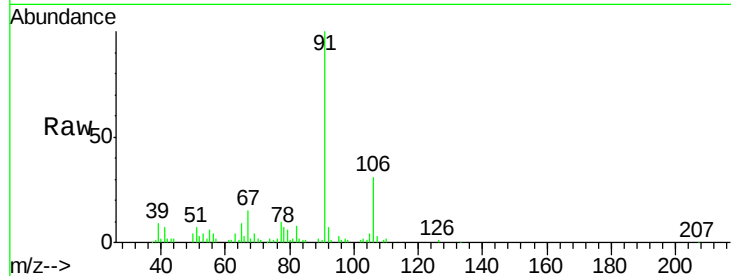




#67
Ethyl Benzene
Concen: 2.075 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.01 min
Lab File: VY001948.D
Acq: 11 Mar 2020 17:08

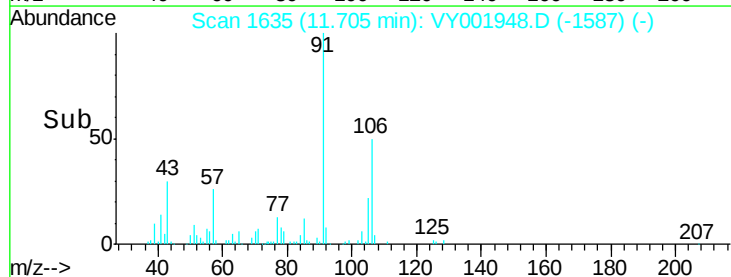
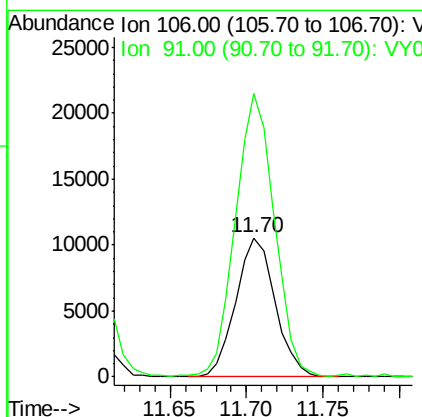
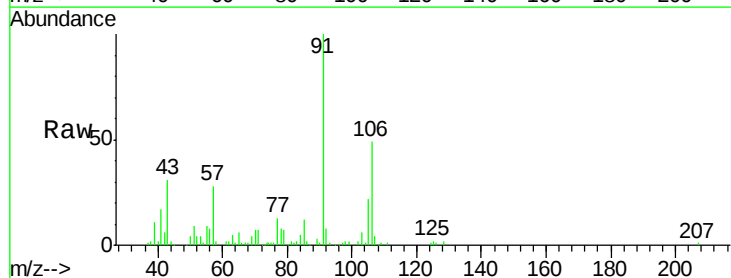
Instrument :
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ClientSampleId :
TP-2(8-9)RE

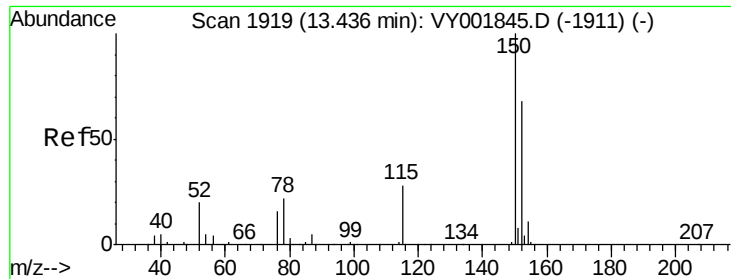
Tot Ion: 91 Resp: 22292
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2



#68
m/p-Xylenes
Concen: 4.735 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001948.D
Acq: 11 Mar 2020 17:08

Tgt Ion: 106 Resp: 18808
Ion Ratio Lower Upper
106 100
91 202.4 161.3 241.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001948.D

Acq: 11 Mar 2020 17:08

Instrument :

MSVOA_Y

ClientSampleId :

TP-2(8-9)RE

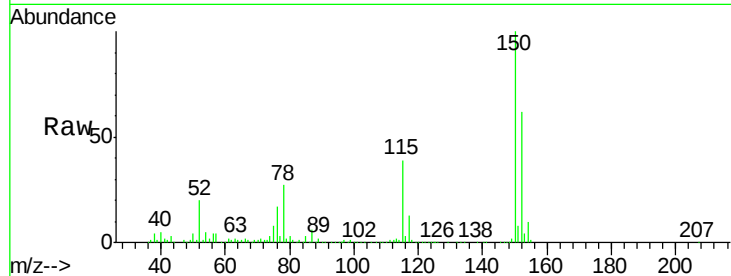
Tot Ion:152 Resp: 132888

Ion Ratio Lower Upper

152 100

115 61.9 29.9 89.7

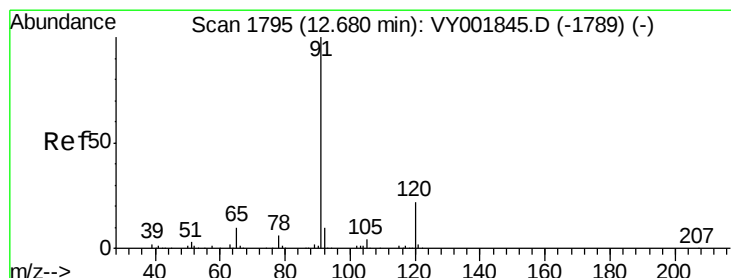
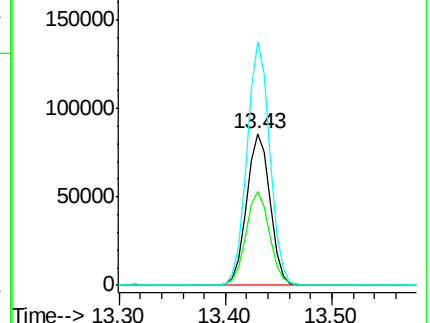
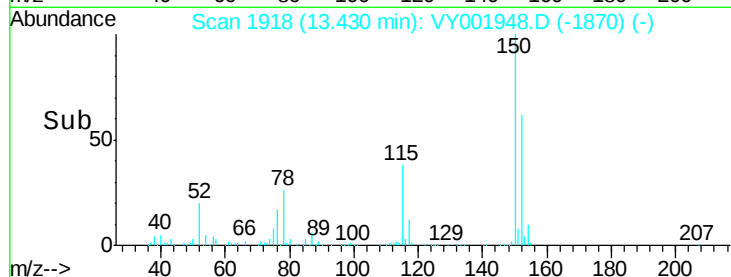
150 156.6 0.0 340.6



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



#78

n-propylbenzene

Concen: 1.586 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001948.D

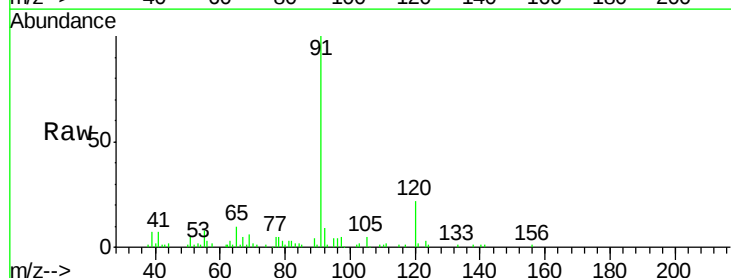
Acq: 11 Mar 2020 17:08

Tgt Ion: 91 Resp: 19844

Ion Ratio Lower Upper

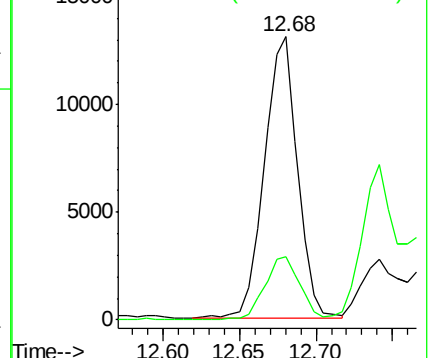
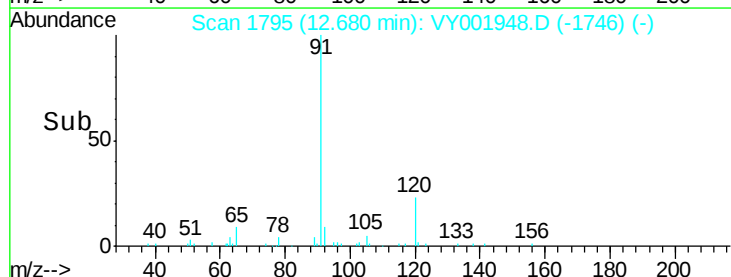
91 100

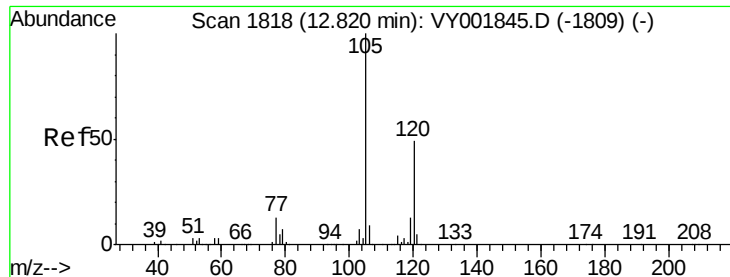
120 23.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

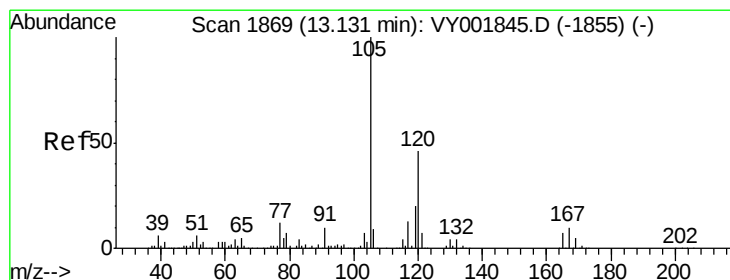
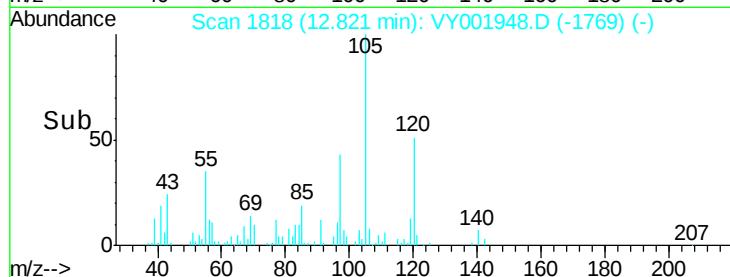
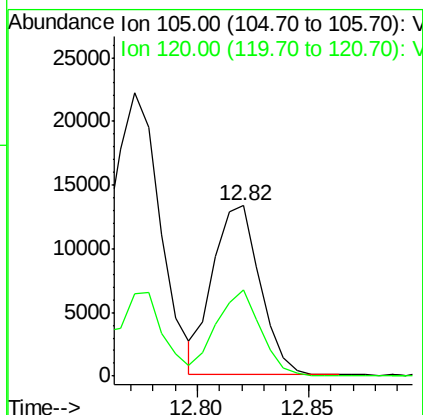
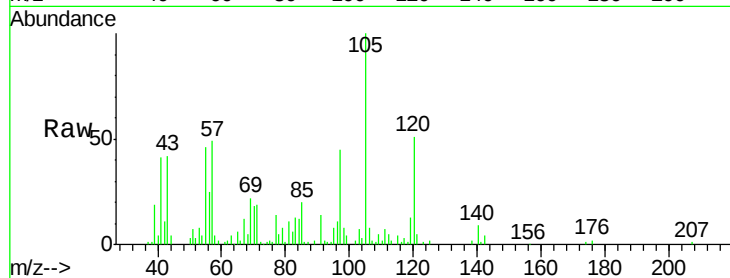




#80
 1,3,5-Trimethylbenzene
 Concen: 2.346 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001948.D
 Acq: 11 Mar 2020 17:08

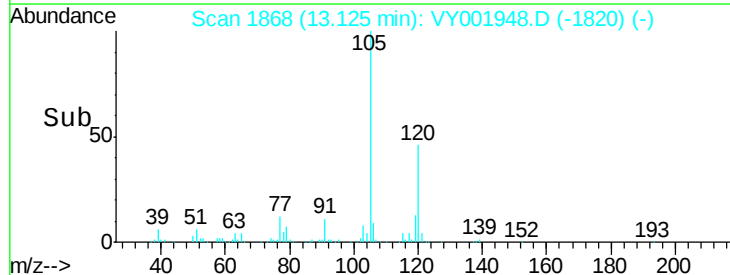
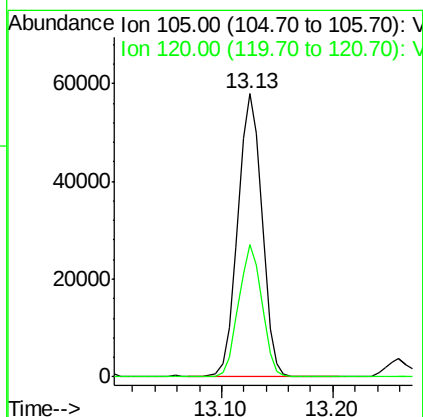
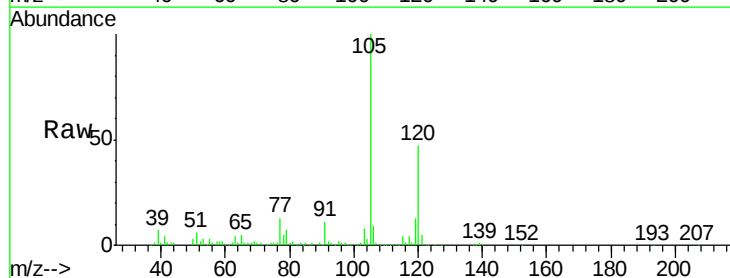
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-2(8-9)RE

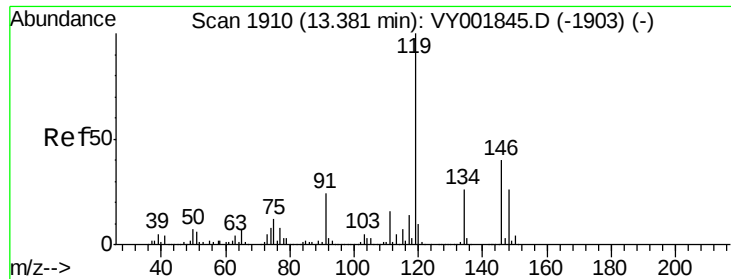
Tot Ion:105 Resp: 19595
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.4 73.2



#84
 1,2,4-Trimethylbenzene
 Concen: 10.457 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY001948.D
 Acq: 11 Mar 2020 17:08

Tgt Ion:105 Resp: 86668
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.7

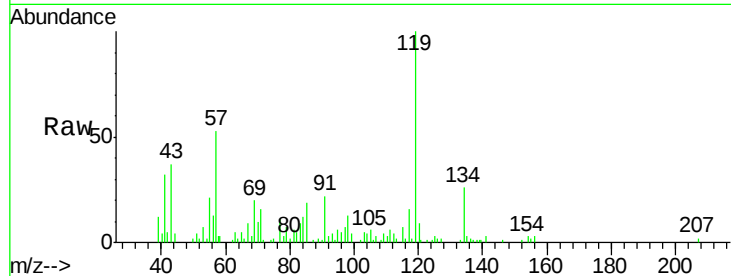




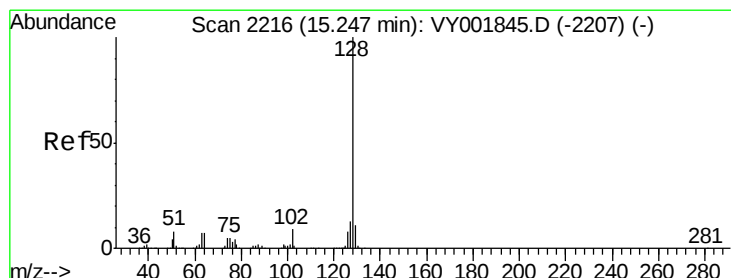
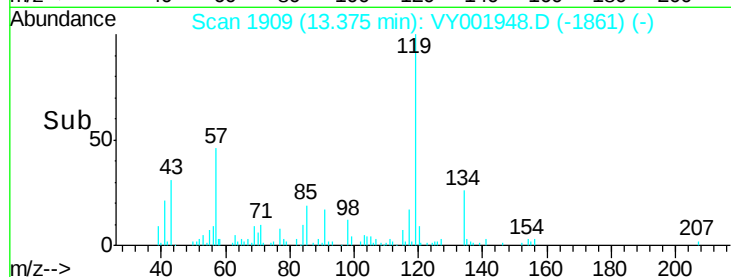
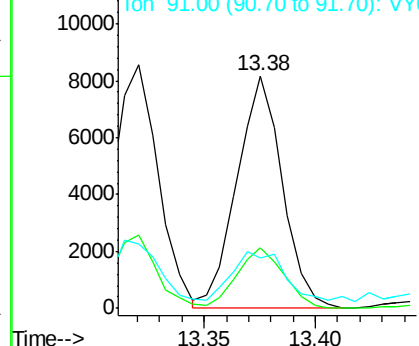
#86
p-Isopropyltoluene
Concen: 1.317 ug/l
RT: 13.38 min Scan# 1909
Delta R.T. -0.01 min
Lab File: VY001948.D
Acq: 11 Mar 2020 17:08

Instrument :
MSVOA_Y
ClientSampled :
TP-2(8-9)RE

Tot Ion:119 Resp: 11617
Ion Ratio Lower Upper
119 100
134 26.5 13.1 39.3
91 22.9 11.9 35.7

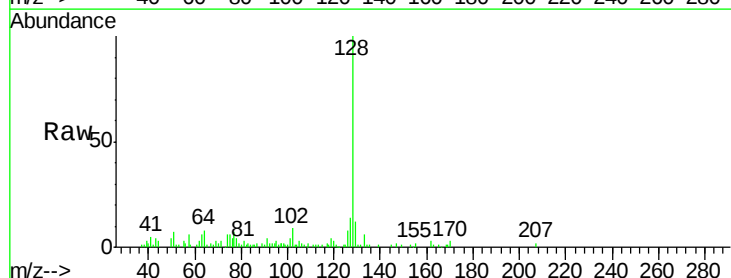


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 3.737 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001948.D
Acq: 11 Mar 2020 17:08

Tgt Ion:128 Resp: 21993
Ion Ratio Lower Upper
128 100
127 15.1 10.1 15.1
129 13.1 8.6 13.0#



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

