

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001876.D
 Acq On : 05 Mar 2020 13:06
 Operator : SY/MD
 Sample : L1783-01
 Misc : 8.73G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GP-10-030220

Quant Time: Mar 06 05:01:07 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

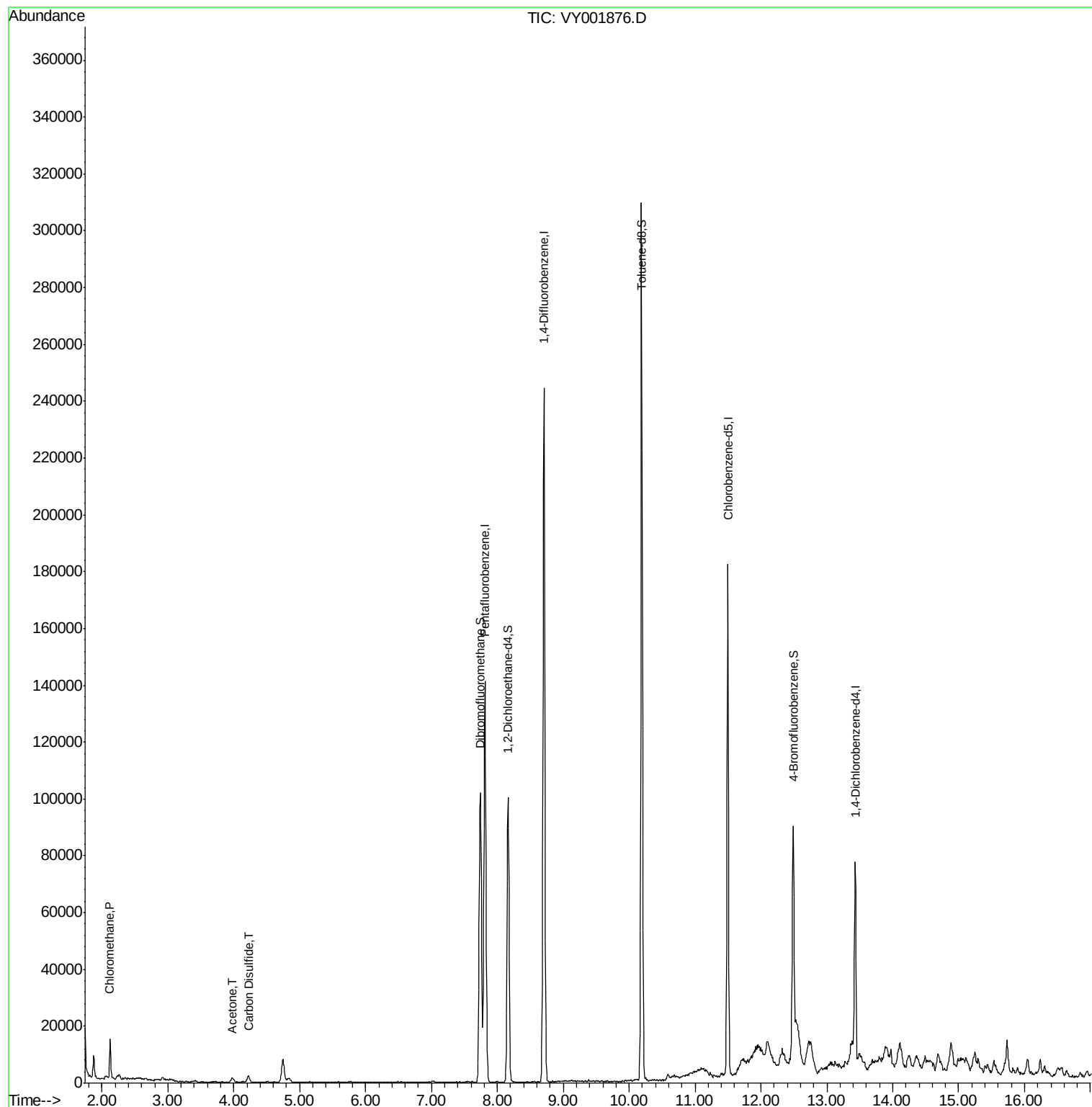
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	106254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	205732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	95456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	16742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	71755	63.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.52%	
35) Dibromofluoromethane	7.74	113	73226	65.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.36%	
50) Toluene-d8	10.19	98	199455	42.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.20%	
62) 4-Bromofluorobenzene	12.49	95	25385	15.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	30.82%	
Target Compounds						
3) Chloromethane	2.12	50	12474	9.433	ug/l	93
16) Acetone	3.97	43	3000	9.080	ug/l	93
17) Carbon Disulfide	4.22	76	4748	1.196	ug/l	98

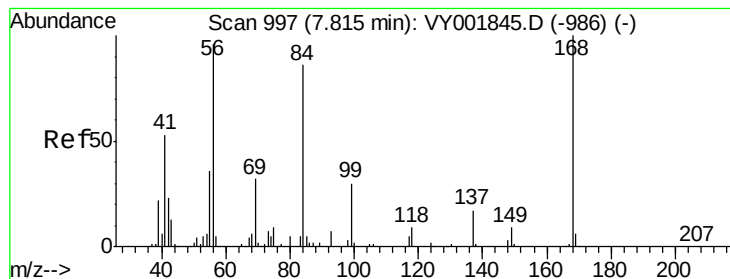
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001876.D

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Instrument :

MSVOA_Y

ClientSampleId :

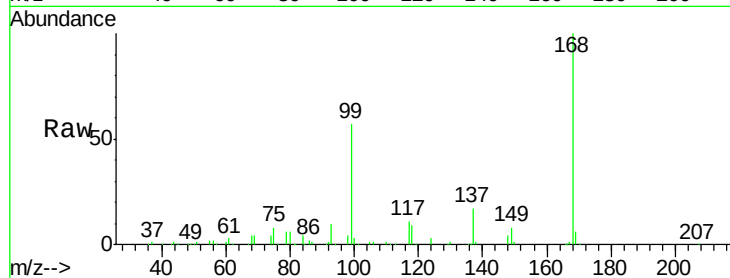
GP-10-030220

Tot Ion:168 Resp: 106254

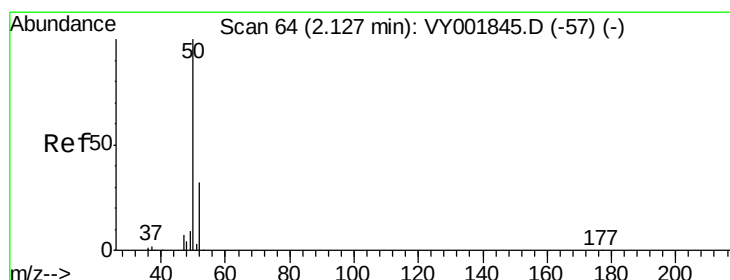
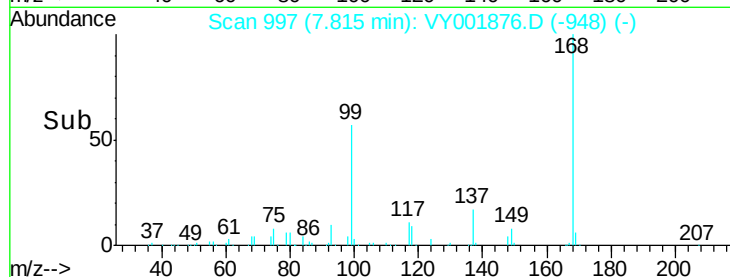
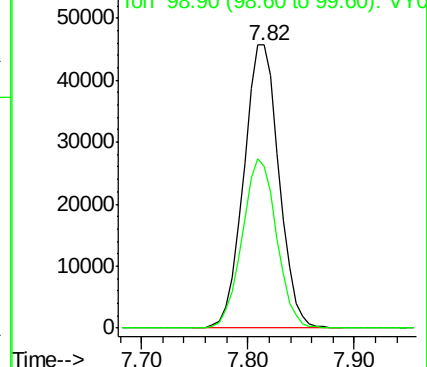
Ion Ratio Lower Upper

168 100

99 57.0 46.7 70.1



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



#3

Chloromethane

Concen: 9.433 ug/l

RT: 2.12 min Scan# 63

Delta R.T. -0.01 min

Lab File: VY001876.D

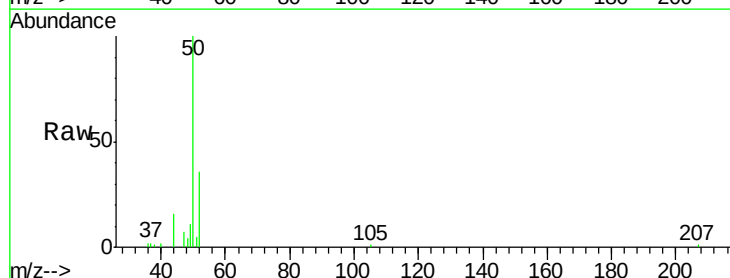
Acq: 05 Mar 2020 13:06

Tgt Ion: 50 Resp: 12474

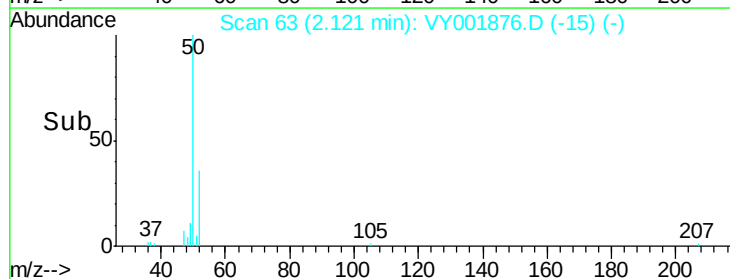
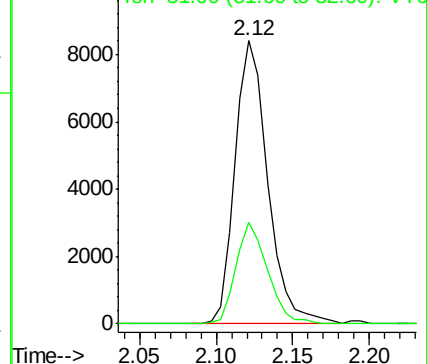
Ion Ratio Lower Upper

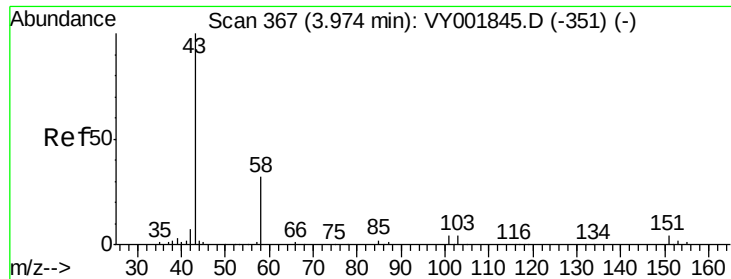
50 100

52 36.0 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY001845.D (-57) (-)





#16

Acetone

Concen: 9.080 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001876.D

Acq: 05 Mar 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

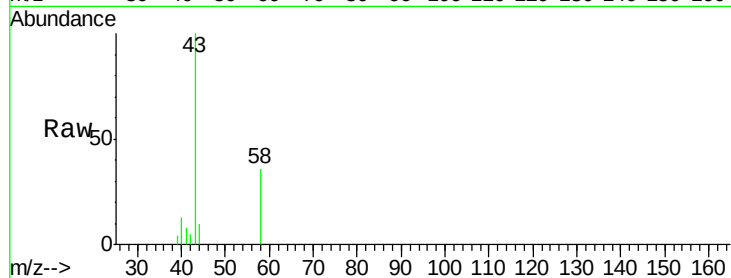
GP-10-030220

Tot Ion: 43 Resp: 3000

Ion Ratio Lower Upper

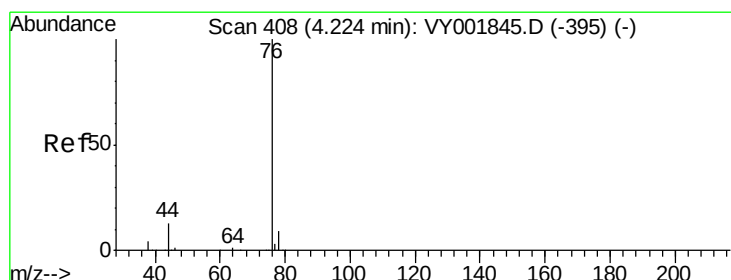
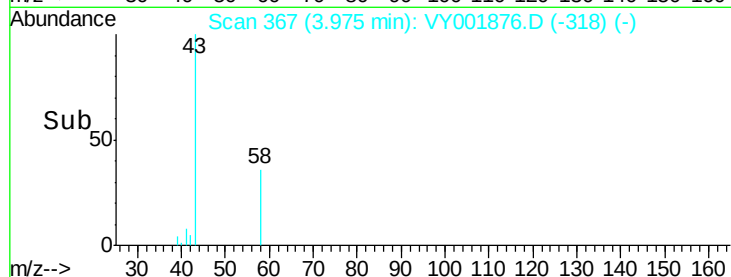
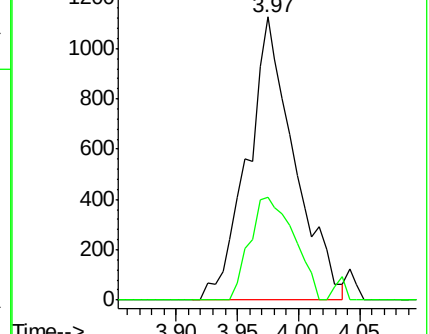
43 100

58 36.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#17

Carbon Disulfide

Concen: 1.196 ug/l

RT: 4.22 min Scan# 408

Delta R.T. 0.00 min

Lab File: VY001876.D

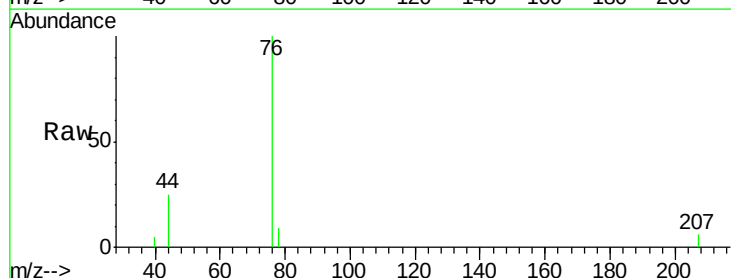
Acq: 05 Mar 2020 13:06

Tgt Ion: 76 Resp: 4748

Ion Ratio Lower Upper

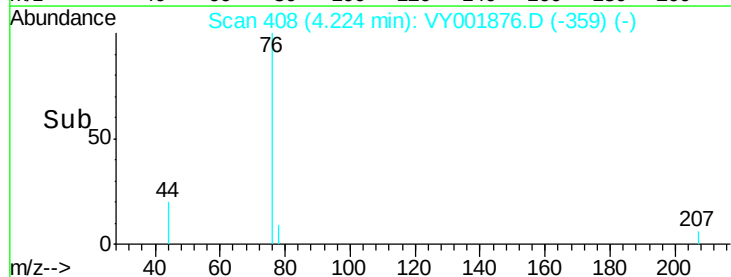
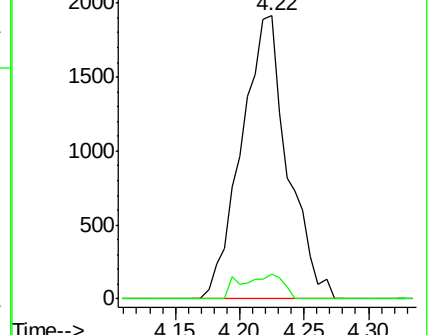
76 100

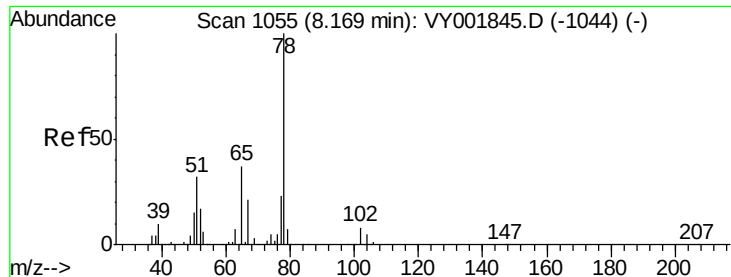
78 8.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

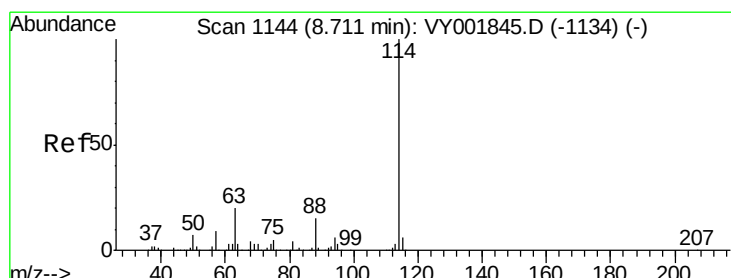
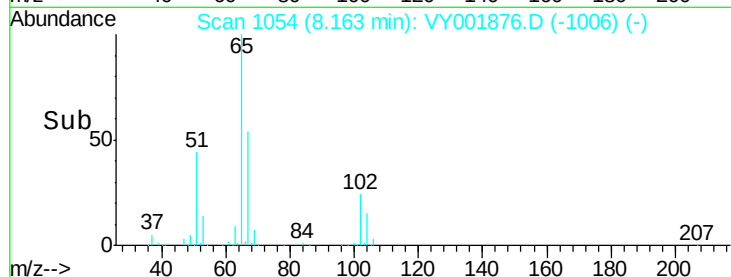
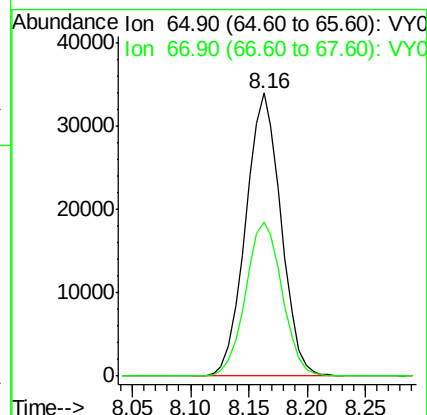
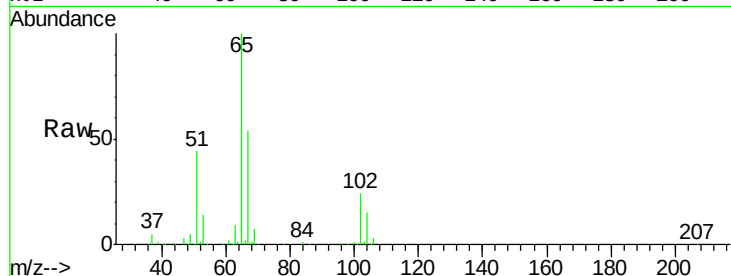




#33
 1,2-Dichloroethane-d4
 Concen: 63.257 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001876.D
 Acq: 05 Mar 2020 13:06

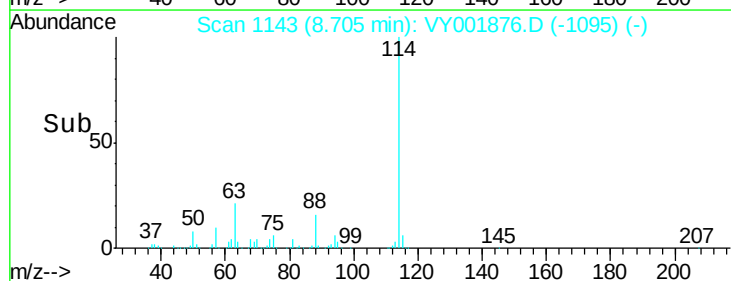
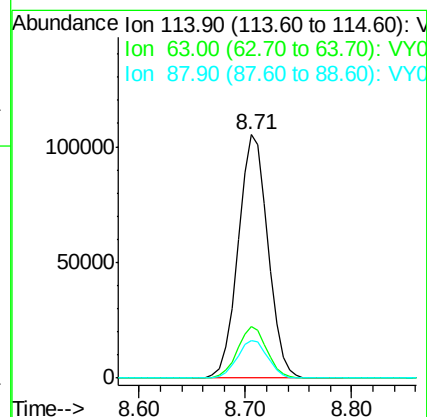
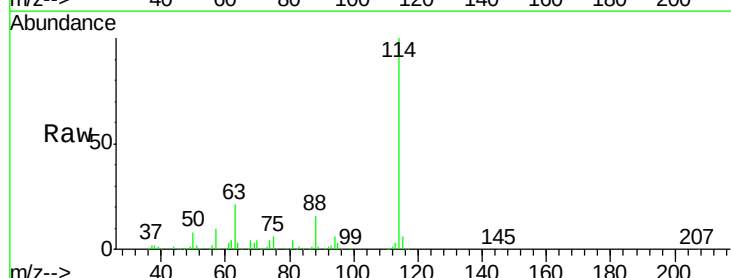
Instrument :
 MSVOA_Y
 ClientSampleId :
 GP-10-030220

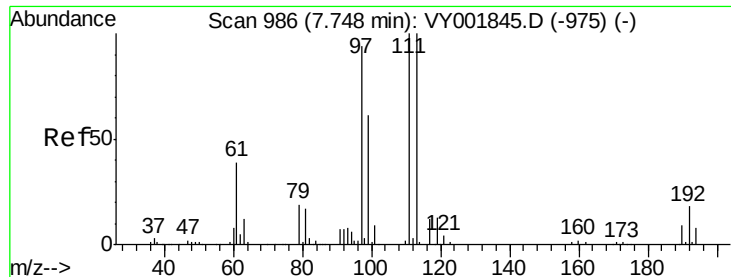
Tot Ion: 65 Resp: 71755
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001876.D
 Acq: 05 Mar 2020 13:06

Tgt Ion: 114 Resp: 205732
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 39.4
 88 15.6 0.0 30.4

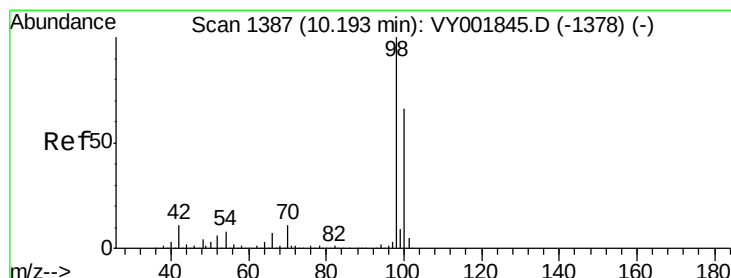
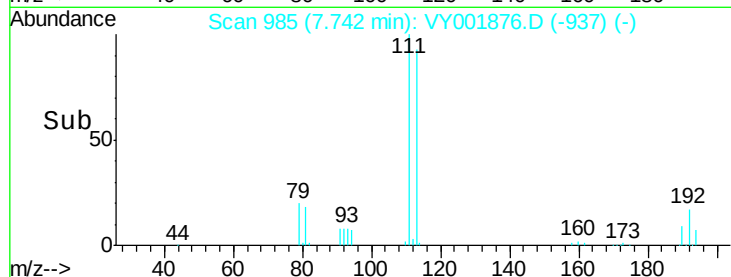
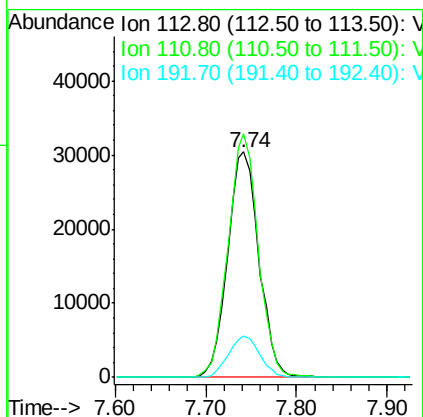
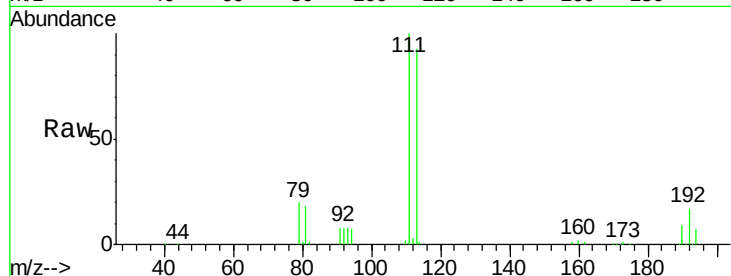




#35
Dibromofluoromethane
Concen: 65.183 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001876.D
Acq: 05 Mar 2020 13:06

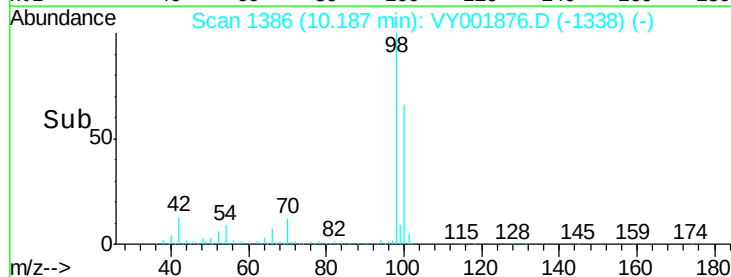
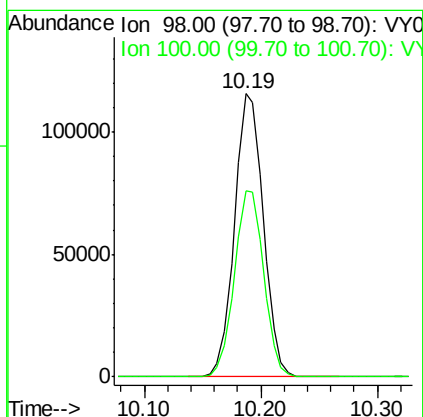
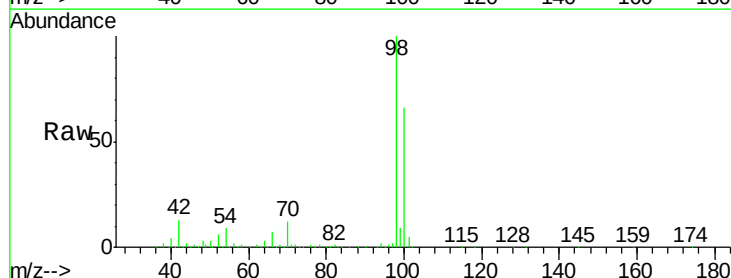
Instrument :
MSVOA_Y
ClientSampleId :
GP-10-030220

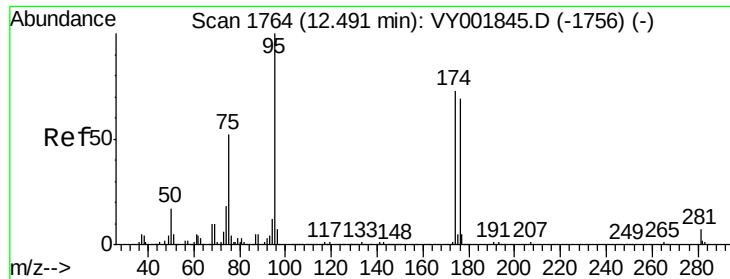
Tot Ion:113 Resp: 73226
Ion Ratio Lower Upper
113 100
111 104.4 81.8 122.8
192 18.3 14.2 21.2



#50
Toluene-d8
Concen: 42.104 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001876.D
Acq: 05 Mar 2020 13:06

Tgt Ion: 98 Resp: 199455
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4

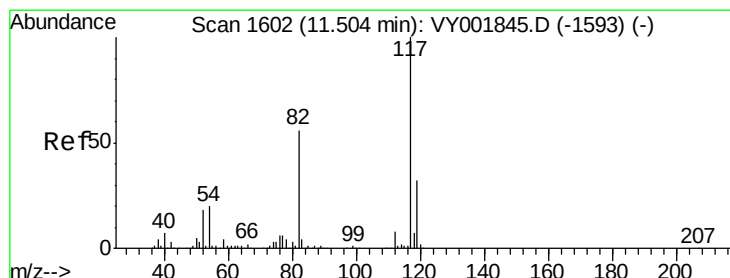
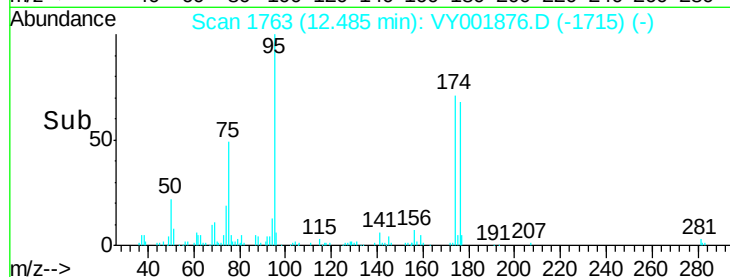
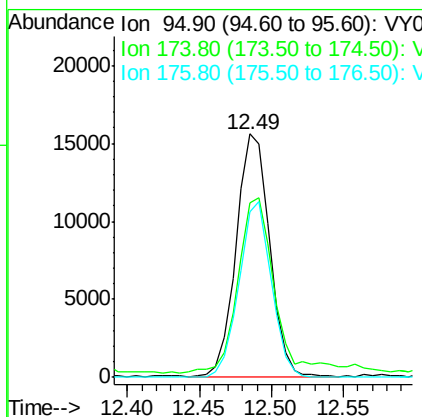
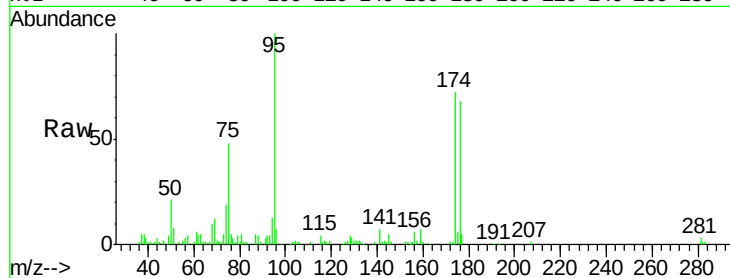




#62
4-Bromofluorobenzene
Concen: 15.411 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001876.D
Acq: 05 Mar 2020 13:06

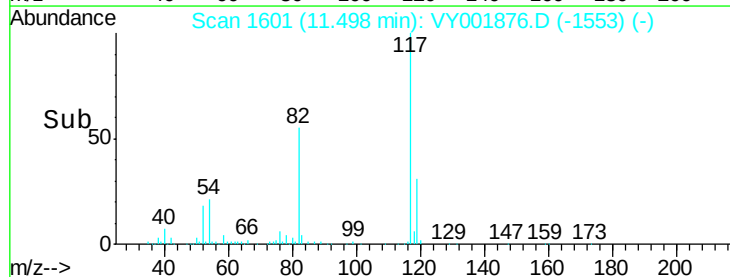
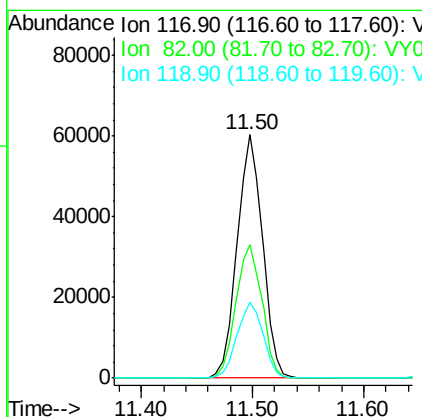
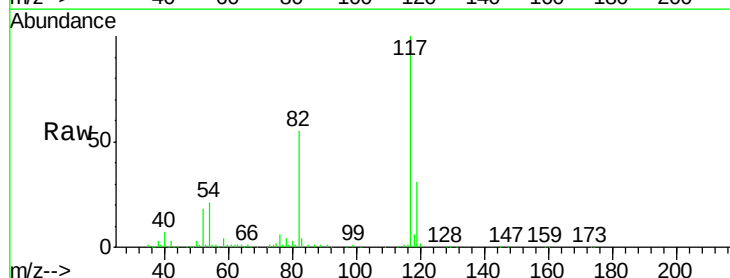
Instrument :
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ClientSampleId :
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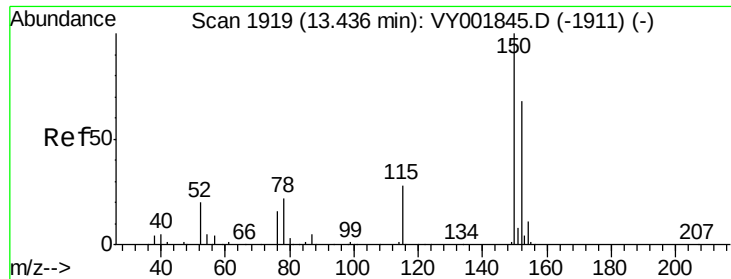
Tot Ion	95	Resp	25385
Ion Ratio	Lower	Upper	
95	100		
174	80.8	0.0	145.0
176	68.7	0.0	137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001876.D
Acq: 05 Mar 2020 13:06

Tgt Ion	117	Resp	95456
Ion Ratio	Lower	Upper	
117	100		
82	54.9	44.5	66.7
119	31.1	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001876.D

Acq: 05 Mar 2020 13:06

Instrument :

MSVOA_Y

ClientSampleId :

GP-10-030220

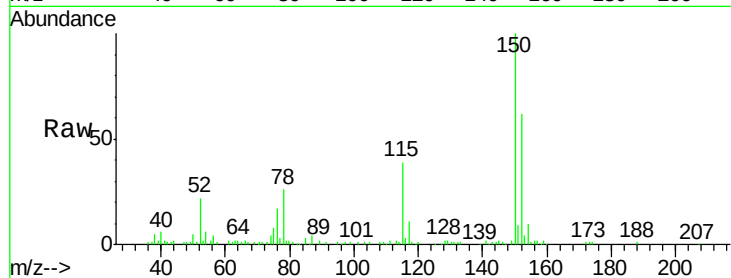
Tot Ion:152 Resp: 16742

Ion Ratio Lower Upper

152 100

115 57.8 29.9 89.7

150 159.8 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

