

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030920\
 Data File : VY001905.D
 Acq On : 09 Mar 2020 12:25
 Operator : SY/MD
 Sample : VY0309SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBL01

Quant Time: Mar 10 12:01:39 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

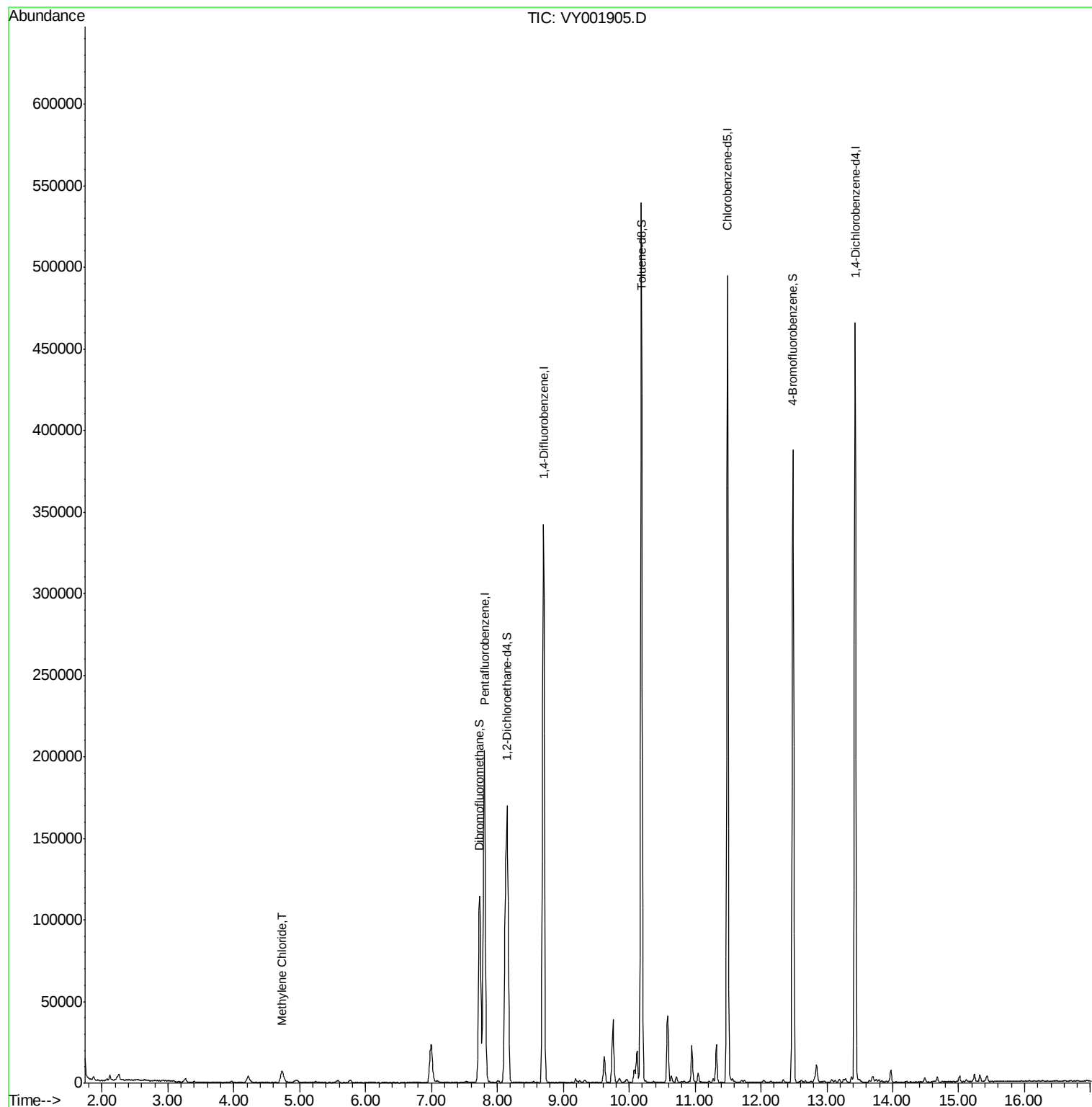
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	154631	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	290406	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	263790	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	114161	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	87171	52.81	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.62%	
35) Dibromofluoromethane	7.73	113	85855	54.14	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.28%	
50) Toluene-d8	10.19	98	354551	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
62) 4-Bromofluorobenzene	12.49	95	119047	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
Target Compounds						
20) Methylene Chloride	4.73	84	5188	2.518	ug/l	Qvalue 97

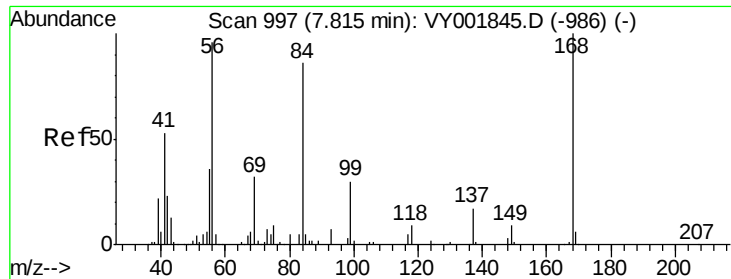
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001905.D

Acq: 09 Mar 2020 12:25

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MSVOA_Y

ClientSampleId :

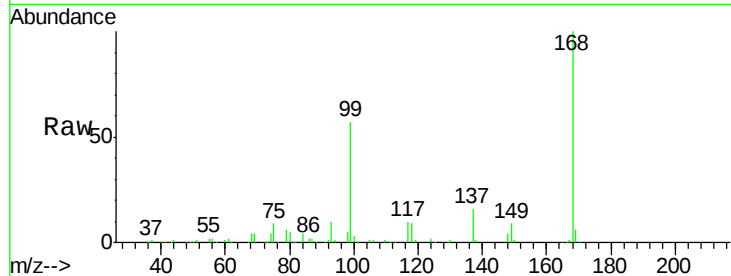
VY0309SBL01

Tot Ion:168 Resp: 154631

Ion Ratio Lower Upper

168 100

99 57.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

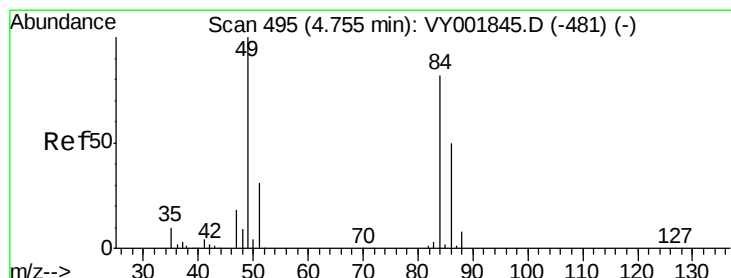
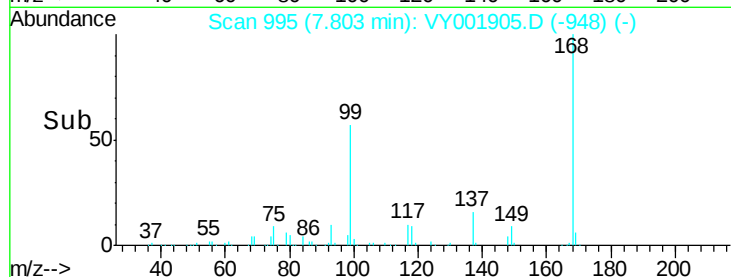
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 2.518 ug/l

RT: 4.73 min Scan# 491

Delta R.T. -0.02 min

Lab File: VY001905.D

Acq: 09 Mar 2020 12:25

Tgt Ion: 84 Resp: 5188

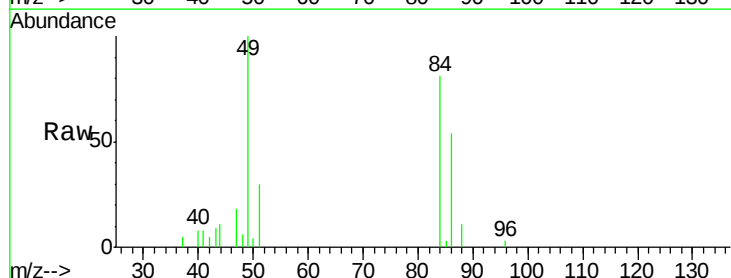
Ion Ratio Lower Upper

84 100

49 123.2 98.2 147.2

51 36.4 30.2 45.2

86 67.0 48.9 73.3



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

3000

2500

2000

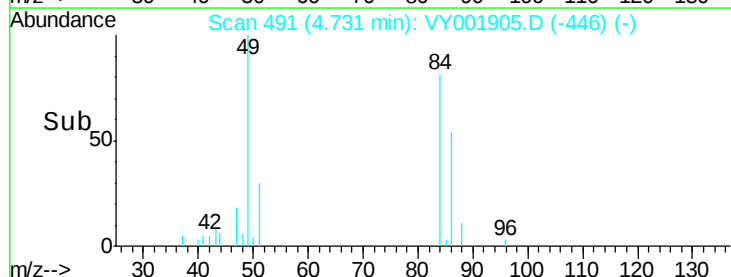
1500

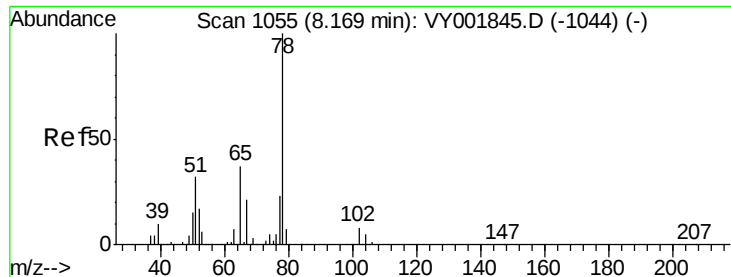
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500

0

Time-->

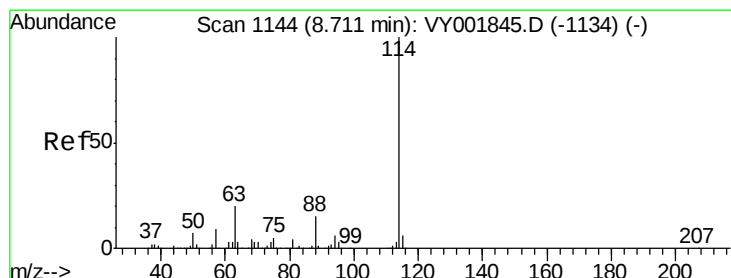
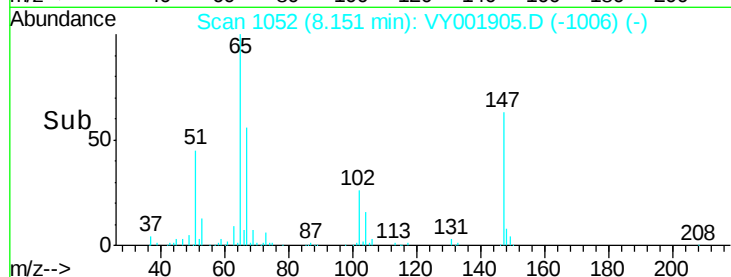
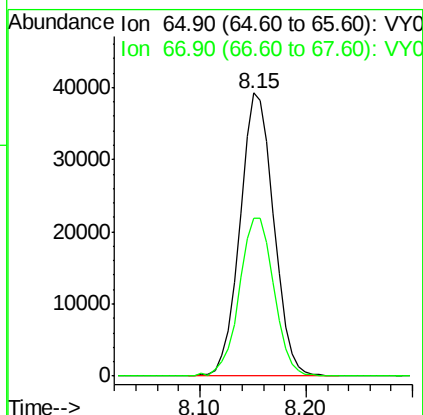
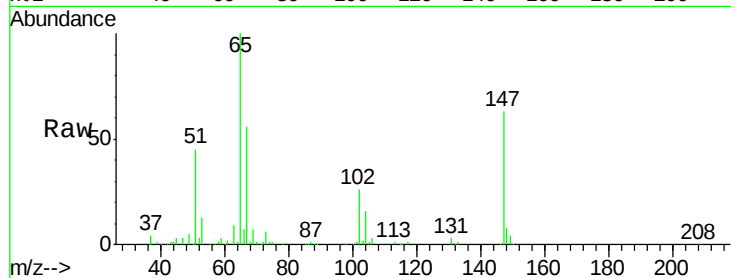




#33
 1,2-Dichloroethane-d4
 Concen: 52.806 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001905.D
 Acq: 09 Mar 2020 12:25

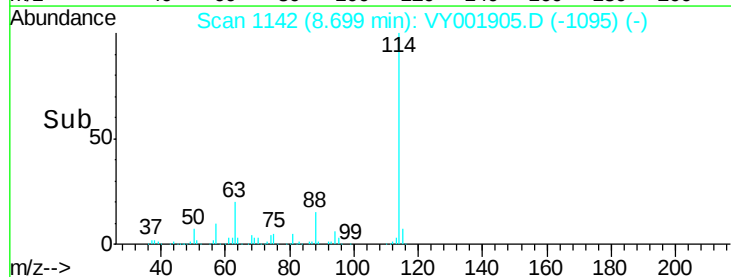
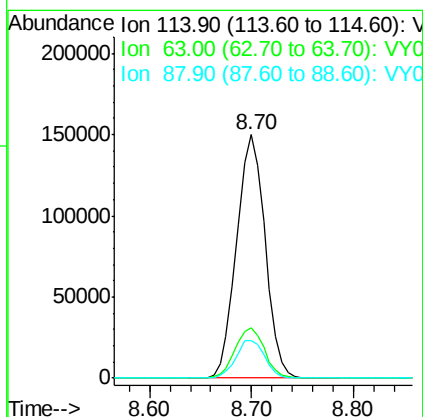
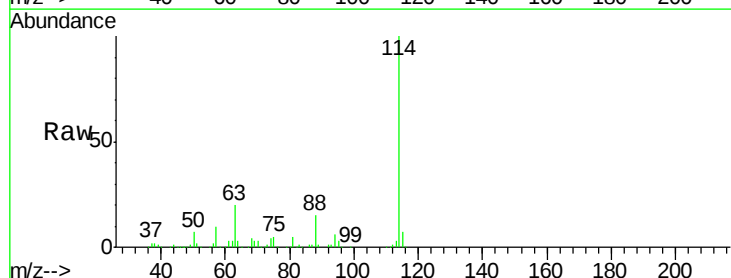
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0309SBL01

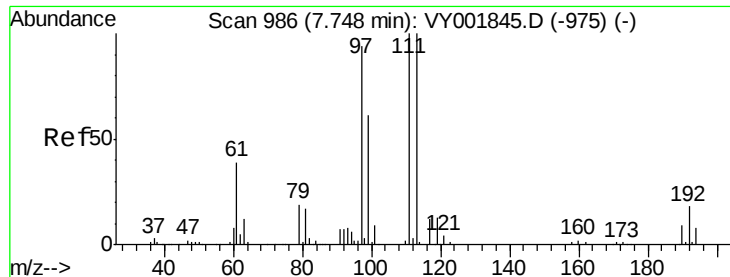
Tot Ion: 65 Resp: 87171
 Ion Ratio Lower Upper
 65 100
 67 57.5 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001905.D
 Acq: 09 Mar 2020 12:25

Tgt Ion: 114 Resp: 290406
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.4
 88 15.2 0.0 30.4

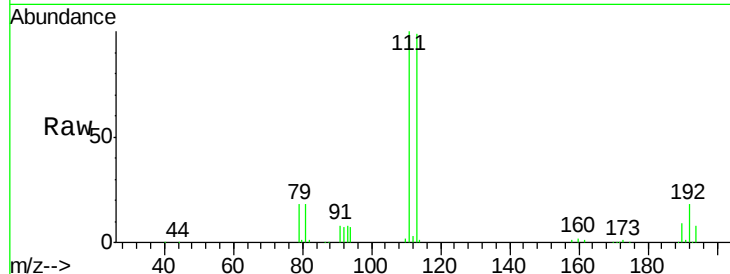




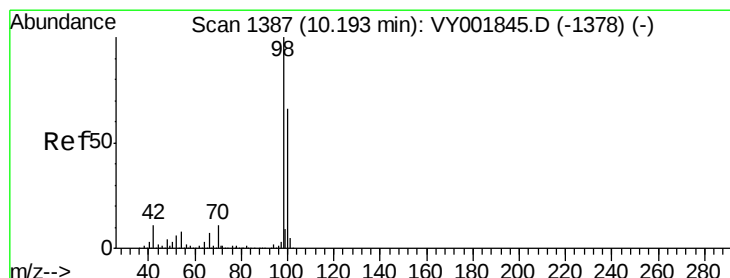
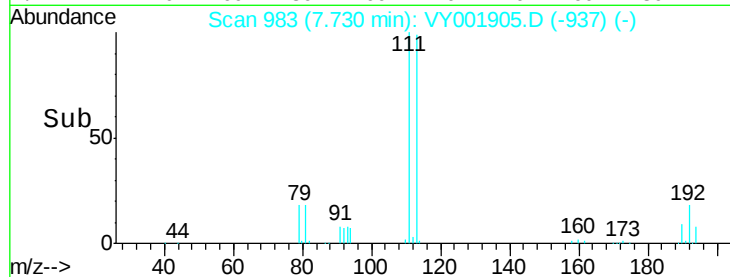
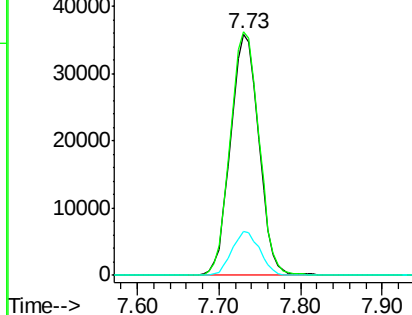
#35
Dibromofluoromethane
Concen: 54.142 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.02 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBL01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	17.8	14.2	21.2

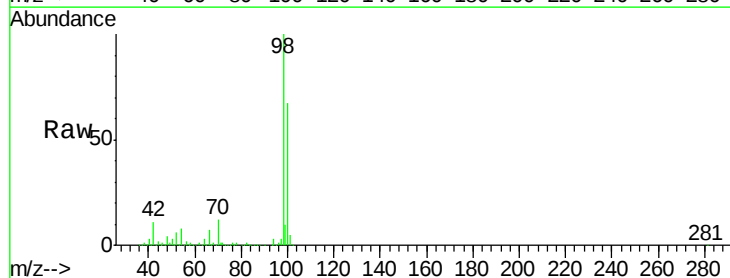


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

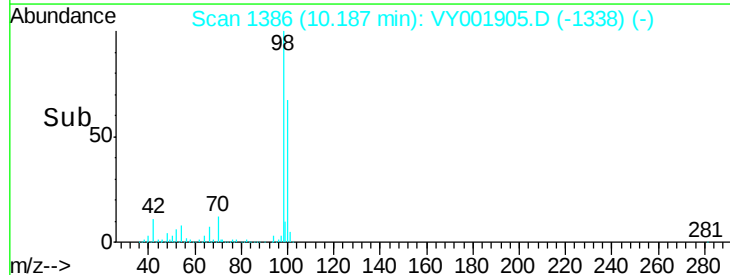
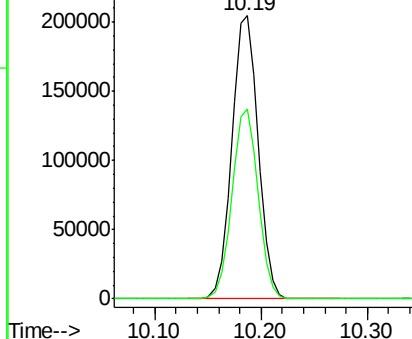


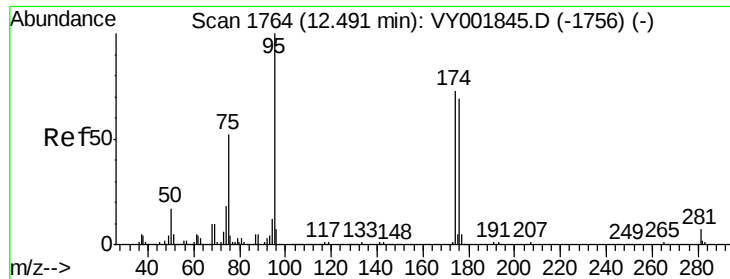
#50
Toluene-d8
Concen: 53.022 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.4



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

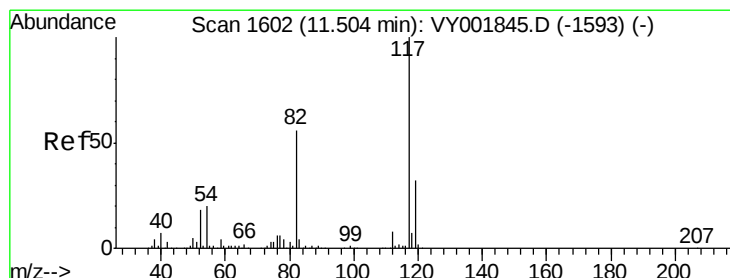
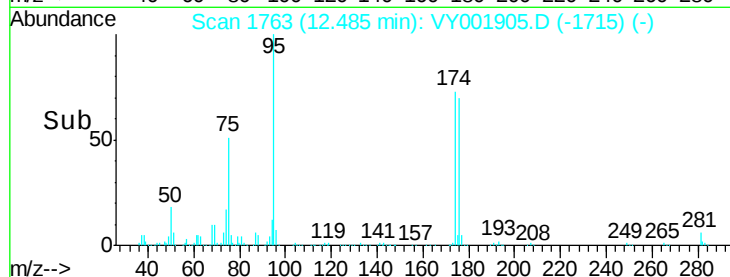
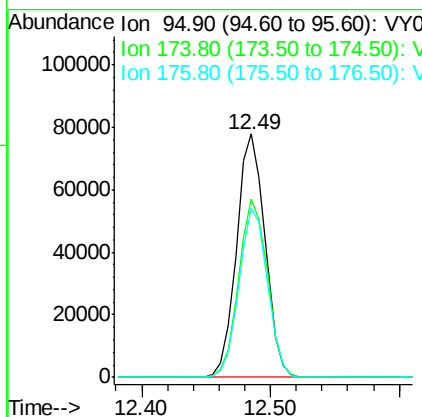
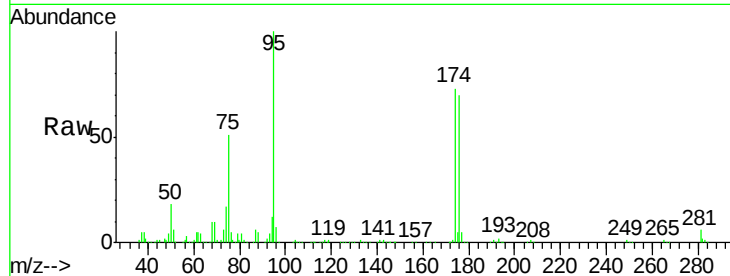




#62
4-Bromofluorobenzene
Concen: 51.201 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

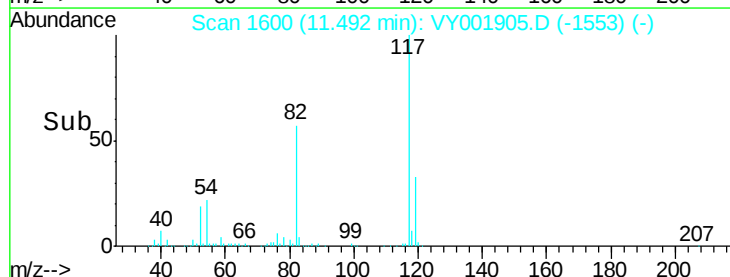
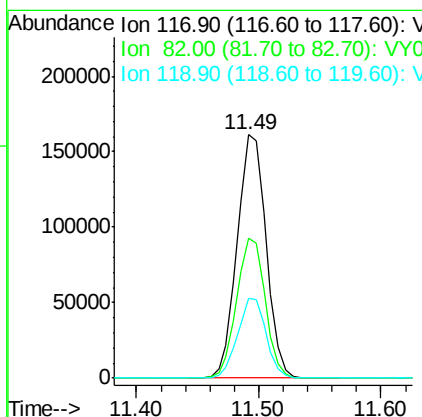
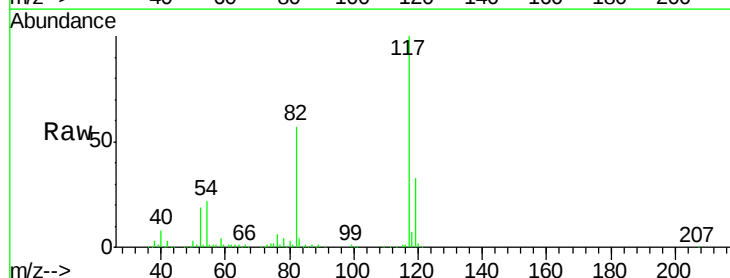
Instrument :
MSVOA_Y
ClientSampleId :
VY0309SBL01

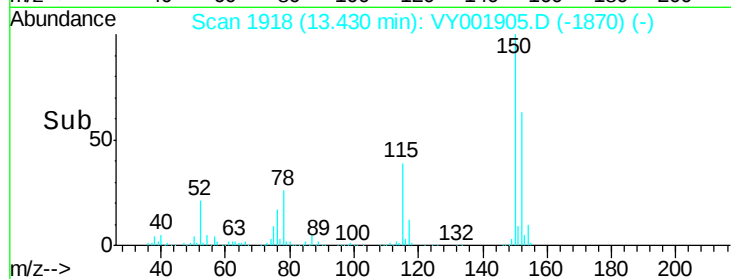
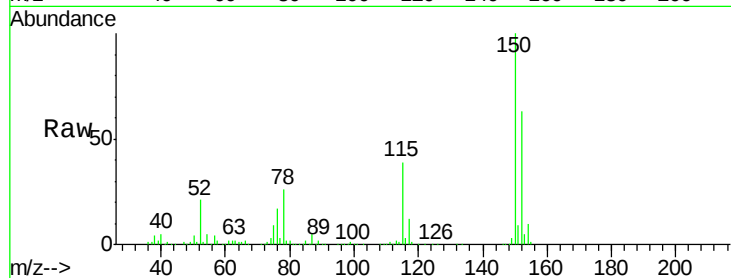
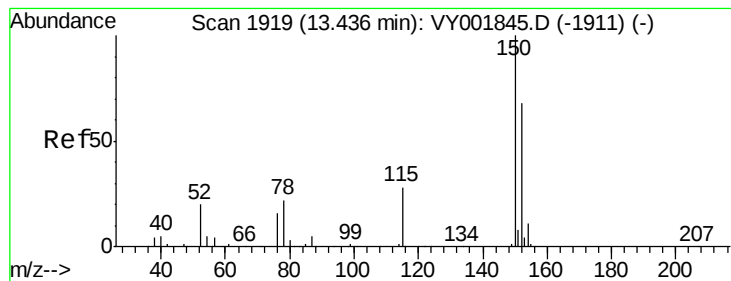
Tot Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	145.0
176	69.6	0.0	137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001905.D
Acq: 09 Mar 2020 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.5	44.5	66.7
119	32.9	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: VY001905.D

Acq: 09 Mar 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0309SBL01

Tot Ion:152 Resp: 114161

Ion Ratio Lower Upper

152 100

115 61.3 29.9 89.7

150 157.7 0.0 340.6

