

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001782.D
 Acq On : 26 Feb 2020 14:25
 Operator : SY/MD
 Sample : L1694-01
 Misc : 7.59G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B1-9-9.5-BGS

Quant Time: Feb 26 16:11:18 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

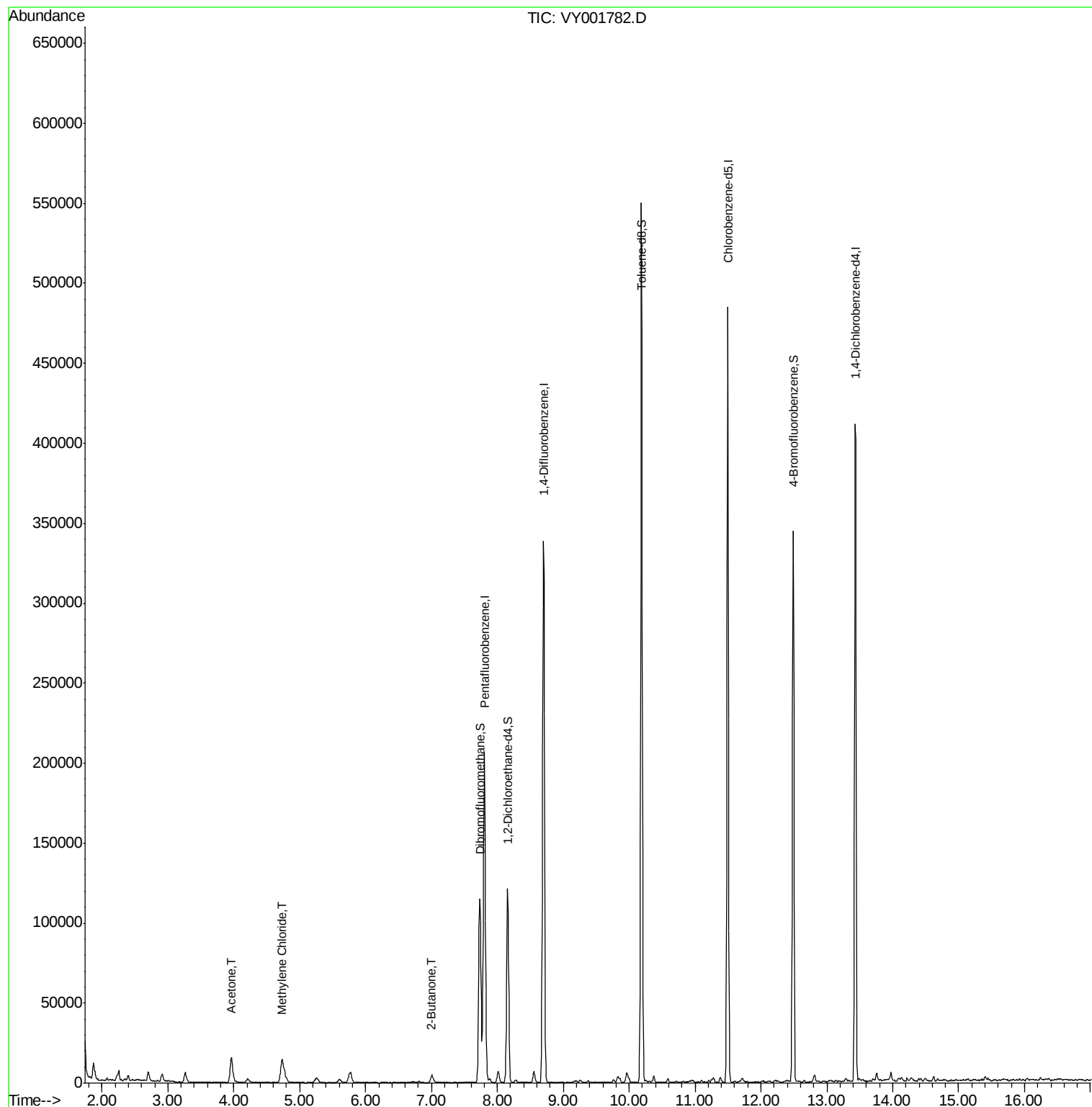
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	153423	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	288486	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	257319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	101929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	91089	55.20	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	110.40%	
35) Dibromofluoromethane	7.74	113	85579	51.79	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.58%	
50) Toluene-d8	10.19	98	351450	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
62) 4-Bromofluorobenzene	12.49	95	112409	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
Target Compounds						
16) Acetone	3.96	43	27772	48.636	ug/l	100
20) Methylene Chloride	4.73	84	10570	5.211	ug/l	94
25) 2-Butanone	7.00	43	8488	10.942	ug/l	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001782.D

Acq: 26 Feb 2020 14:25

Instrument :

MSVOA_Y

ClientSampleId :

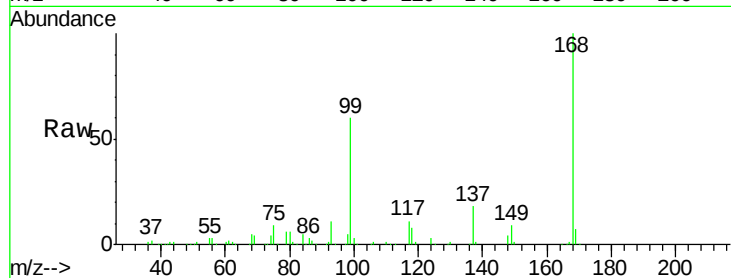
B1-9-9.5-BGS

Tot Ion:168 Resp: 153423

Ion Ratio Lower Upper

168 100

99 59.7 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.80

60000

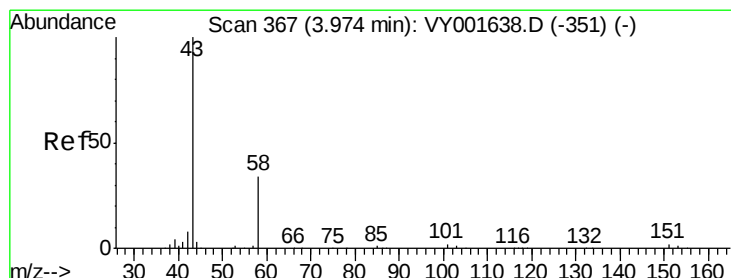
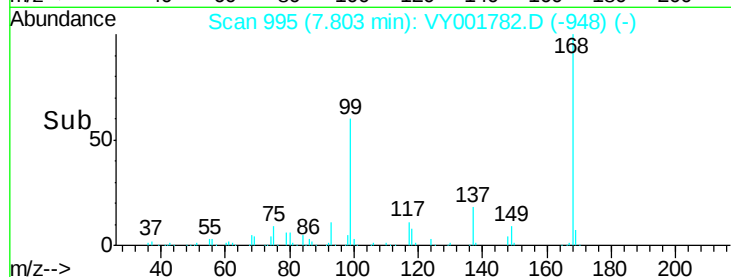
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 48.636 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY001782.D

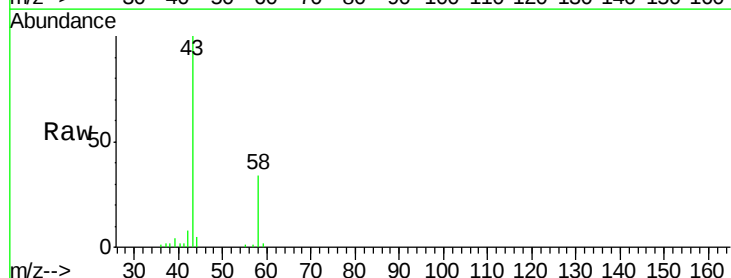
Acq: 26 Feb 2020 14:25

Tgt Ion: 43 Resp: 27772

Ion Ratio Lower Upper

43 100

58 33.9 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001638.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001638.D (-351) (-)

3.96

10000

8000

6000

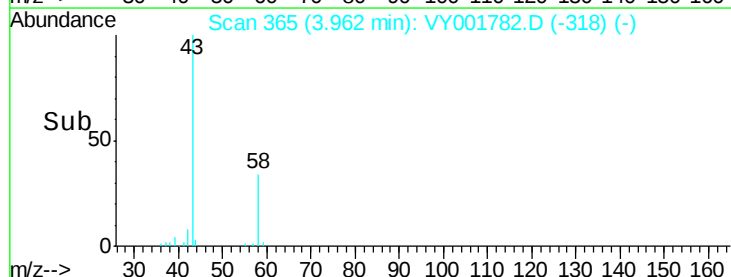
4000

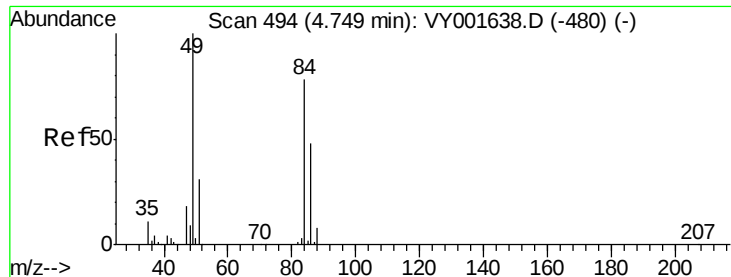
2000

0

3.90 4.00 4.10

Time-->

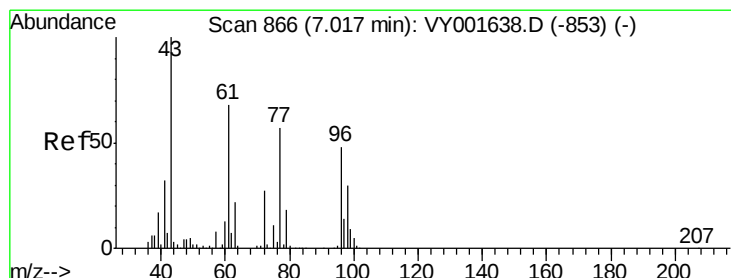
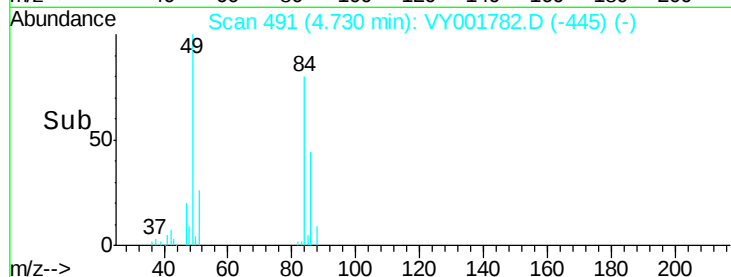
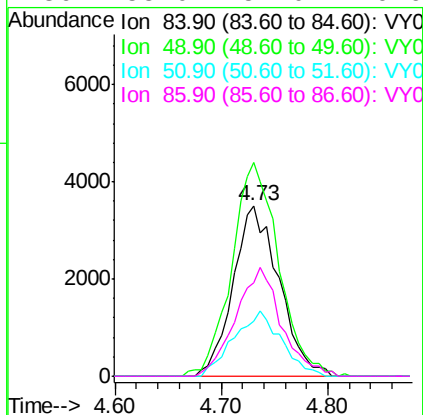
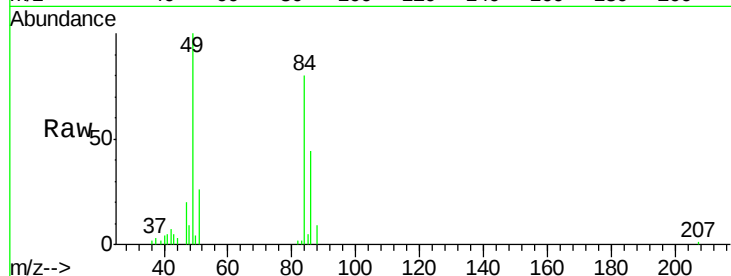




#20
Methvlene Chloride
Concen: 5.211 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001782.D
Acq: 26 Feb 2020 14:25

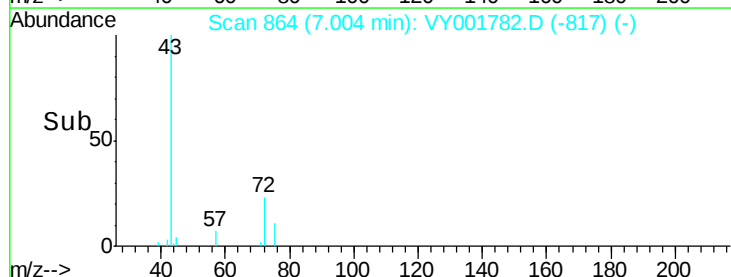
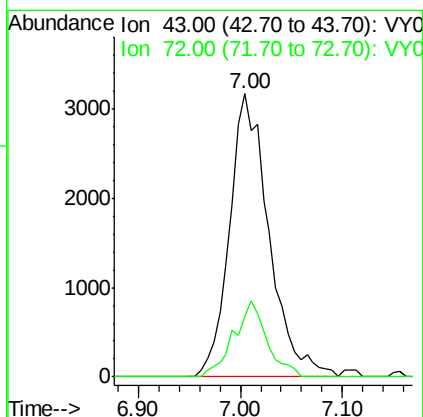
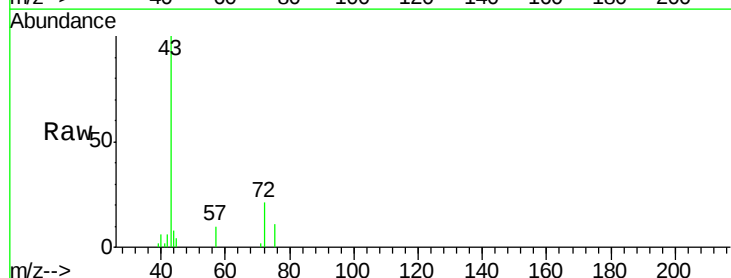
Instrument :
MSVOA_Y
ClientSampleId :
B1-9-9.5-BGS

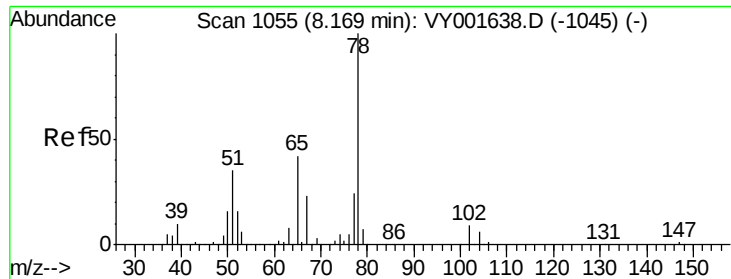
Tot Ion: 84 Resp: 10570
Ion Ratio Lower Upper
84 100
49 125.4 99.2 148.8
51 32.2 31.5 47.3
86 55.0 51.0 76.6



#25
2-Butanone
Concen: 10.942 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.01 min
Lab File: VY001782.D
Acq: 26 Feb 2020 14:25

Tgt Ion: 43 Resp: 8488
Ion Ratio Lower Upper
43 100
72 21.4 21.2 31.8

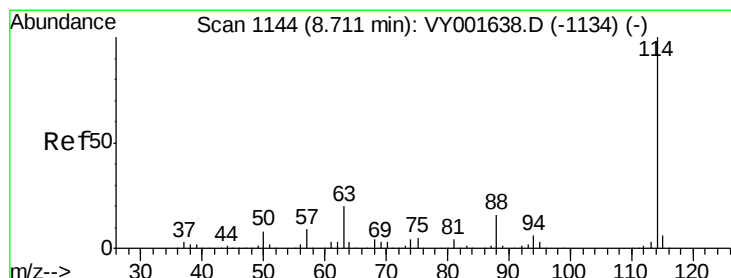
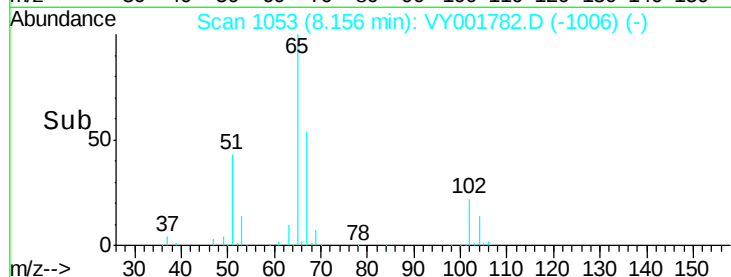
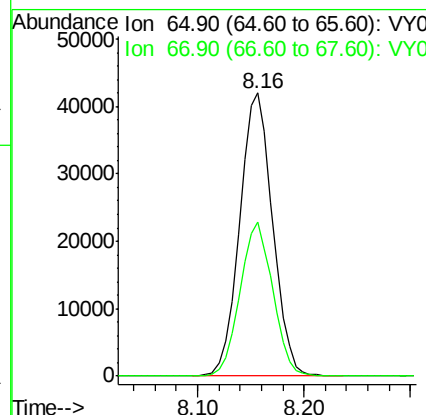
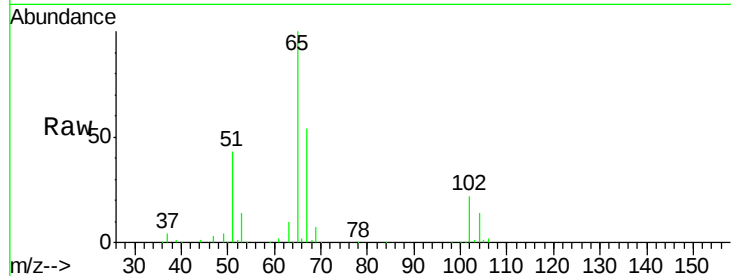




#33
 1,2-Dichloroethane-d4
 Concen: 55.196 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001782.D
 Acq: 26 Feb 2020 14:25

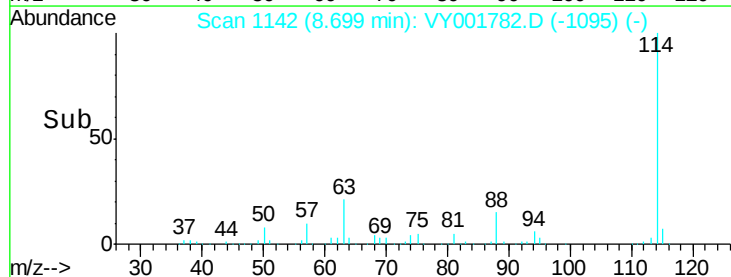
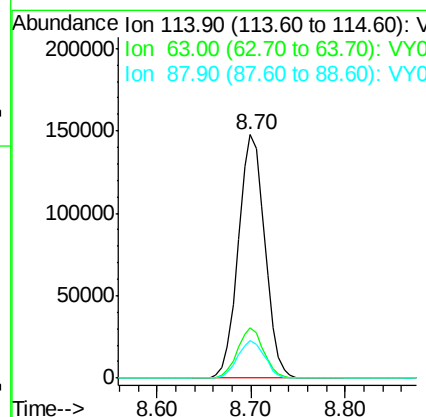
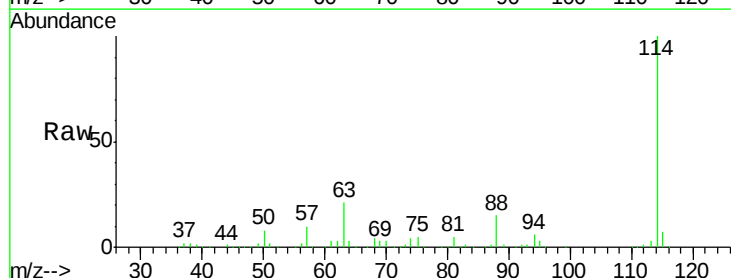
Instrument :
 MSVOA_Y
 ClientSampleId :
 B1-9-9.5-BGS

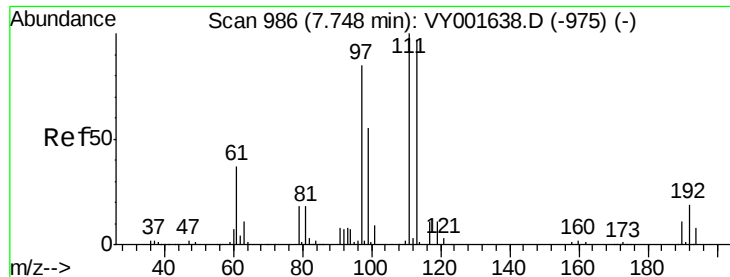
Tot Ion: 65 Resp: 91089
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001782.D
 Acq: 26 Feb 2020 14:25

Tgt Ion: 114 Resp: 288486
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.5 0.0 32.8

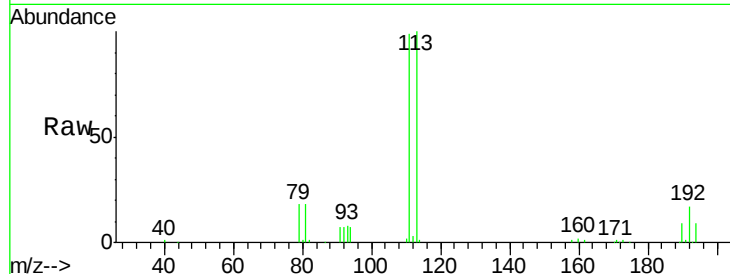




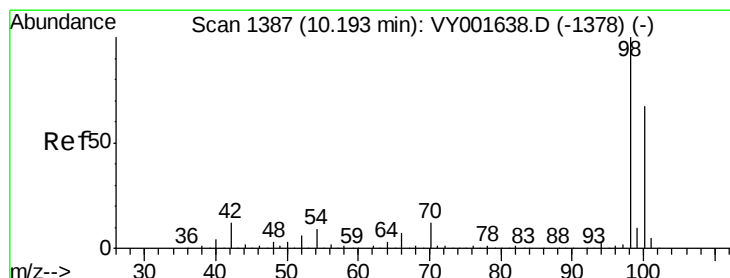
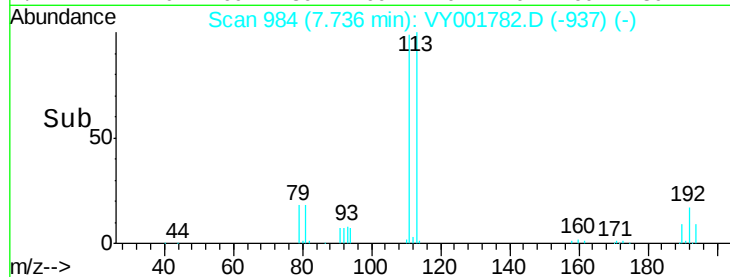
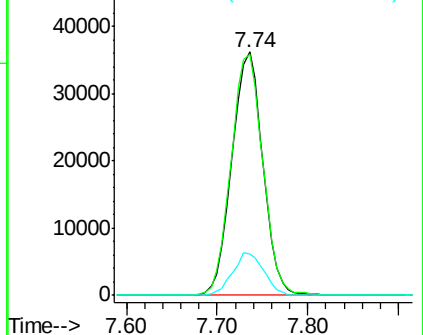
#35
 Dibromofluoromethane
 Concen: 51.793 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001782.D
 Acq: 26 Feb 2020 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 B1-9-9.5-BGS

Tot Ion:113 Resp: 85579
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.9 122.9
 192 17.6 14.3 21.5

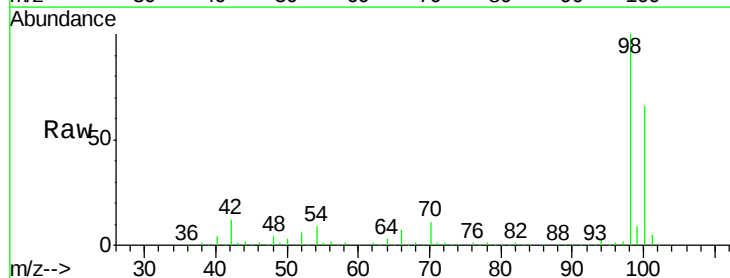


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

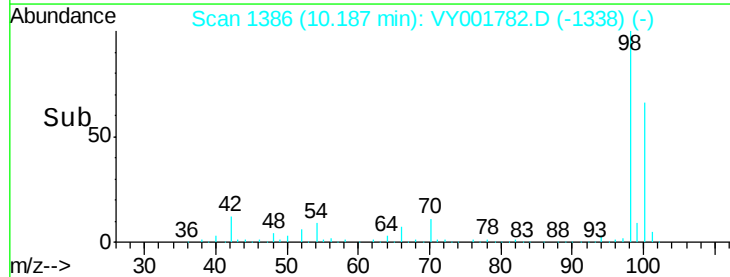
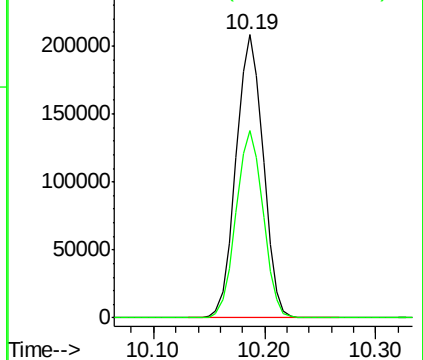


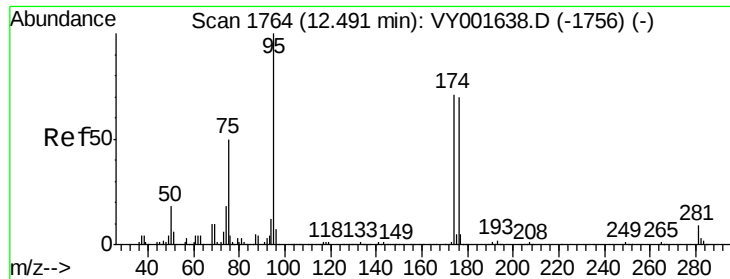
#50
 Toluene-d8
 Concen: 54.292 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VY001782.D
 Acq: 26 Feb 2020 14:25

Tgt Ion: 98 Resp: 351450
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.0 79.4



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

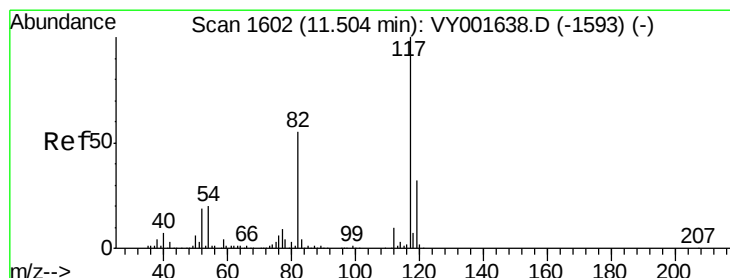
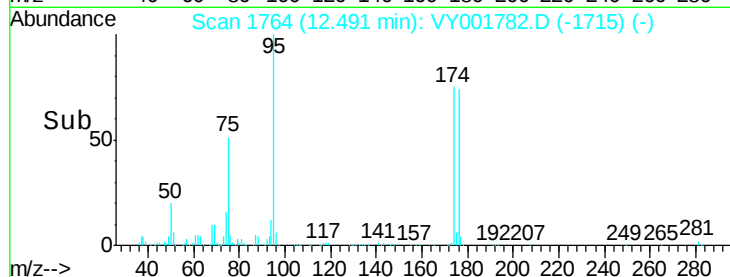
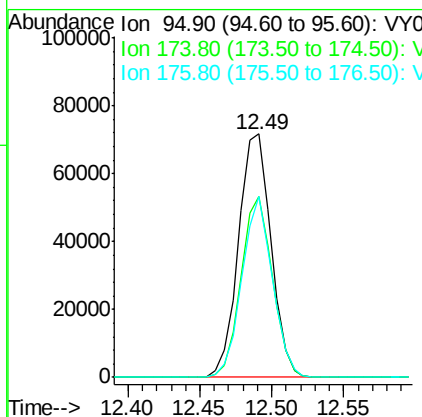
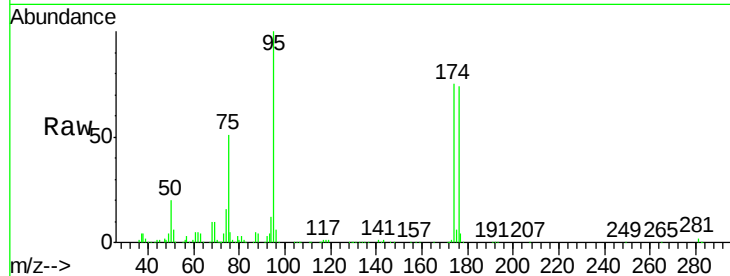




#62
4-Bromofluorobenzene
Concen: 44.699 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY001782.D
Acq: 26 Feb 2020 14:25

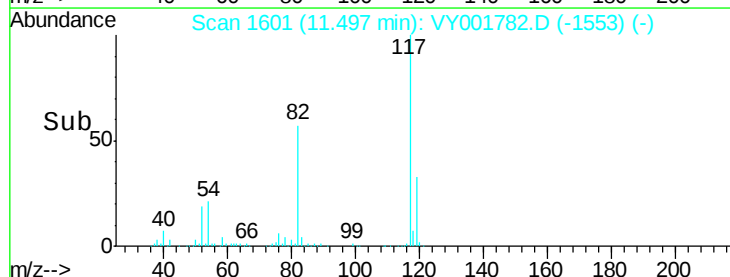
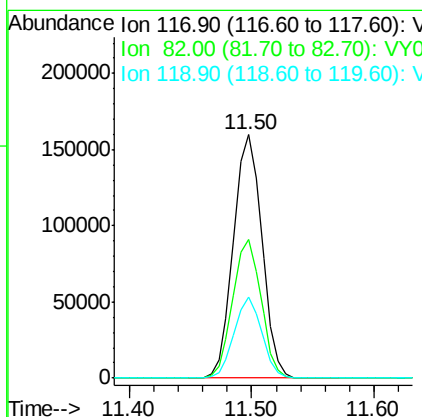
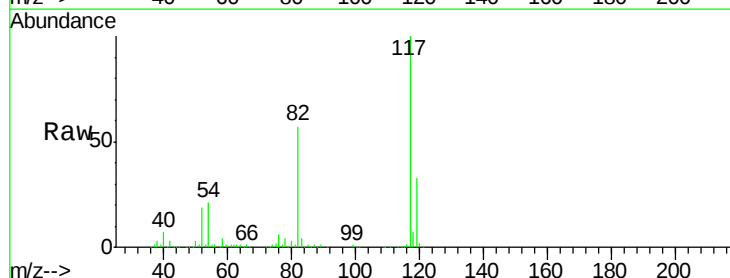
Instrument :
MSVOA_Y
ClientSampleId :
B1-9-9.5-BGS

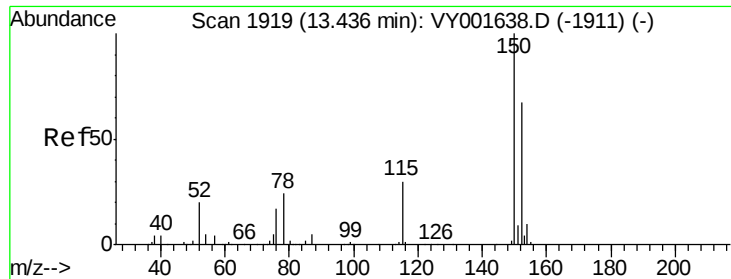
Tot Ion	95	Resp	112409
Ion Ratio	Lower	Upper	
95	100		
174	71.7	0.0	138.4
176	69.2	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001782.D
Acq: 26 Feb 2020 14:25

Tgt Ion	117	Resp	257319
Ion Ratio	Lower	Upper	
117	100		
82	57.2	45.5	68.3
119	33.2	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001782.D

Acq: 26 Feb 2020 14:25

Instrument :

MSVOA_Y

ClientSampleId :

B1-9-9.5-BGS

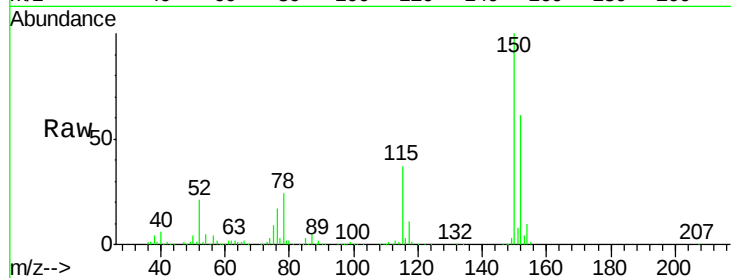
Tot Ion:152 Resp: 101929

Ion Ratio Lower Upper

152 100

115 60.4 31.4 94.2

150 160.9 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

