

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001785.D
 Acq On : 26 Feb 2020 15:32
 Operator : SY/MD
 Sample : L1694-04
 Misc : 6.11G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B4-9-9.5-BGS

Quant Time: Feb 26 16:14:22 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

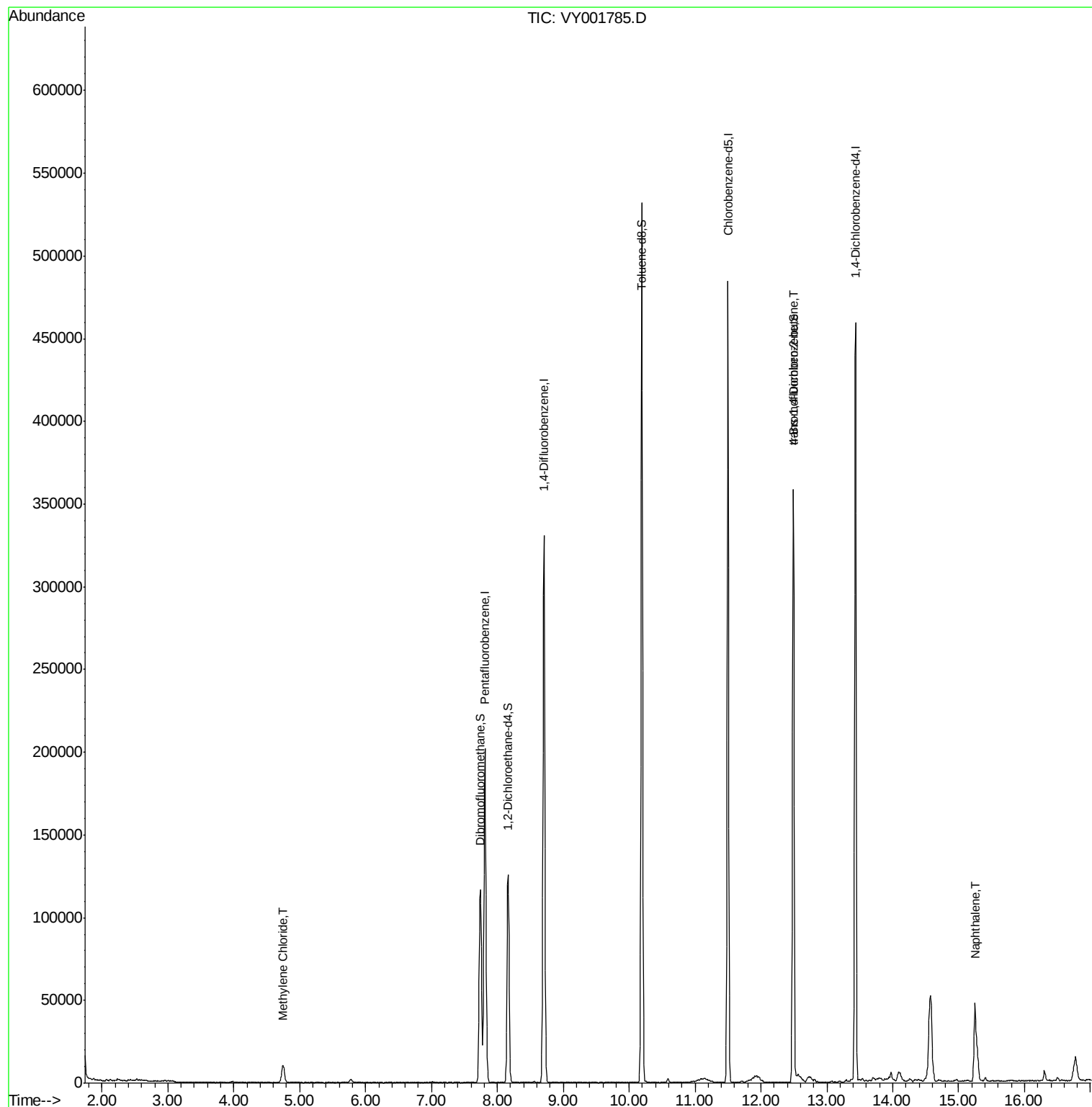
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	150580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	287019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	260127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	114994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	95433	58.92	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	117.84%	
35) Dibromofluoromethane	7.74	113	84210	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.19	98	349572	54.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.56%	
62) 4-Bromofluorobenzene	12.49	95	119259	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
Target Compounds						
20) Methylene Chloride	4.75	84	7800	3.918	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.49	75	60244	86.643	ug/l #	17
95) Naphthalene	15.25	128	23624	4.549	ug/l	98

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

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Quant Title : SW846 8260
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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: VY001785.D

Acq: 26 Feb 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

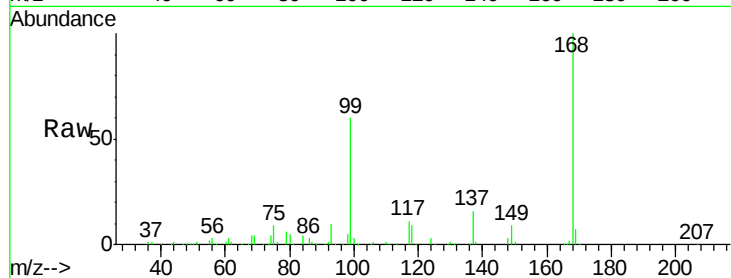
B4-9.5-BGS

Tot Ion:168 Resp: 150580

Ion Ratio Lower Upper

168 100

99 60.2 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) (-)

7.81

60000

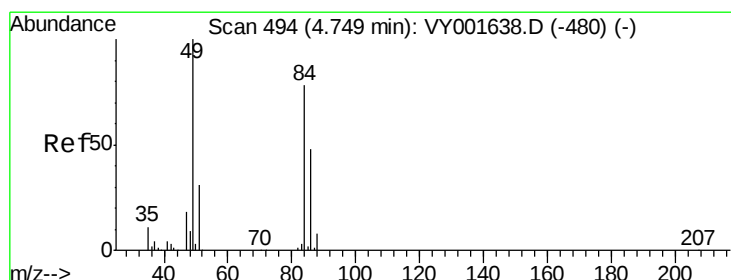
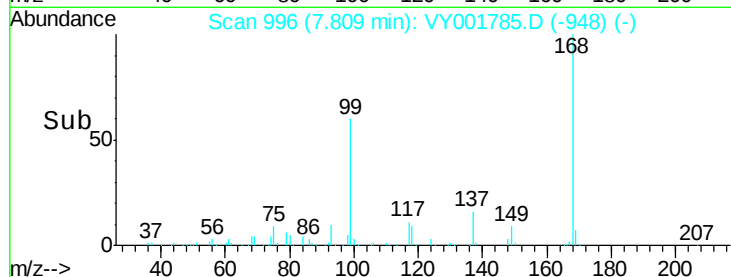
40000

20000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 3.918 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.00 min

Lab File: VY001785.D

Acq: 26 Feb 2020 15:32

Tgt Ion: 84 Resp: 7800

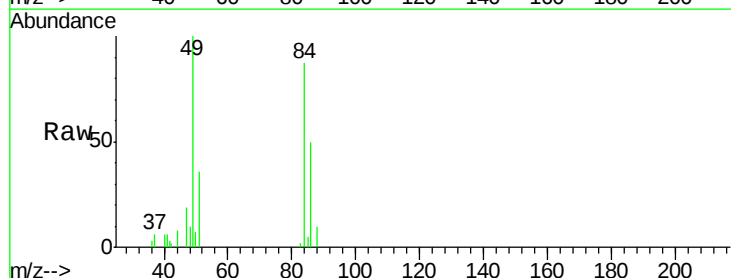
Ion Ratio Lower Upper

84 100

49 115.1 99.2 148.8

51 41.0 31.5 47.3

86 57.6 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001638.D (-480) (-)

Ion 48.90 (48.60 to 49.60): VY001638.D (-480) (-)

Ion 50.90 (50.60 to 51.60): VY001638.D (-480) (-)

Ion 85.90 (85.60 to 86.60): VY001638.D (-480) (-)

4.75

5000

4000

3000

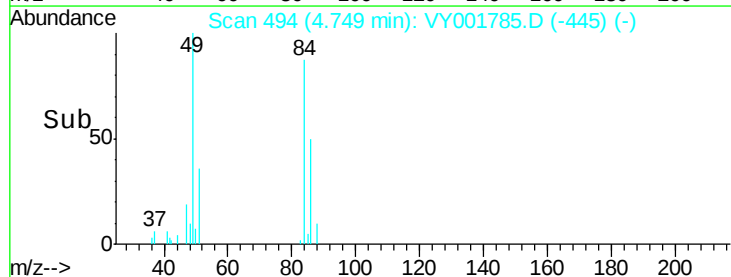
2000

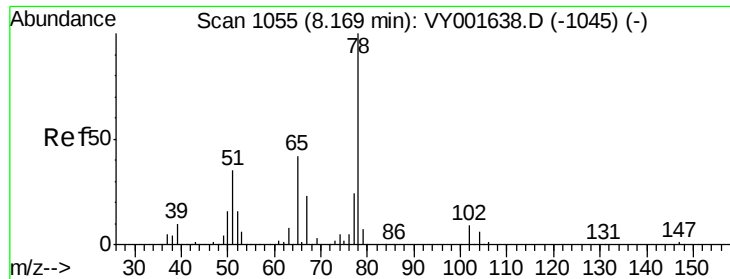
1000

0

4.60 4.70 4.80

Time-->

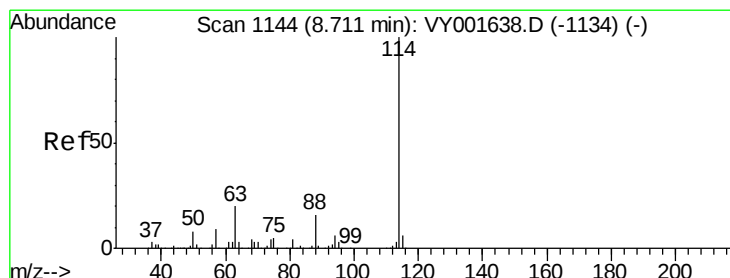
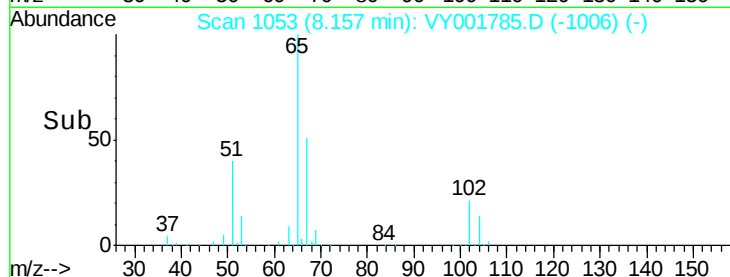
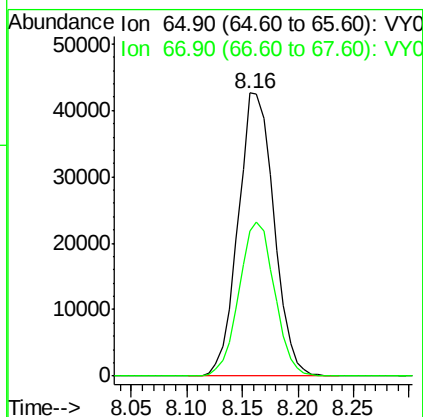
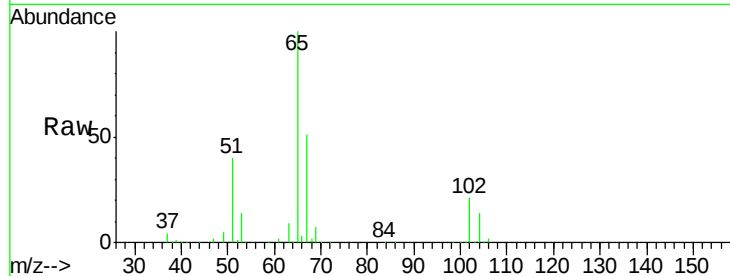




#33
 1,2-Dichloroethane-d4
 Concen: 58.920 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001785.D
 Acq: 26 Feb 2020 15:32

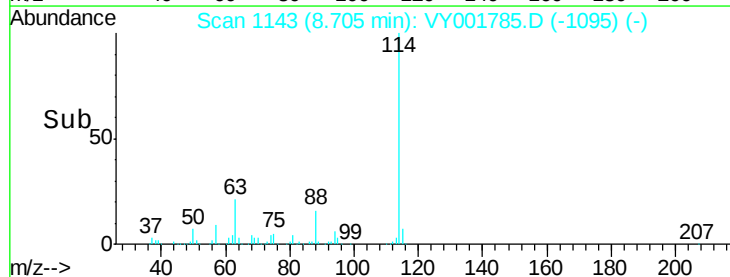
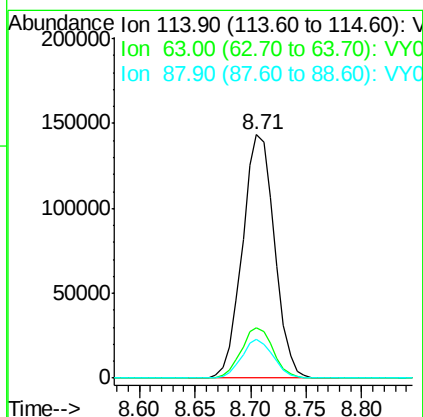
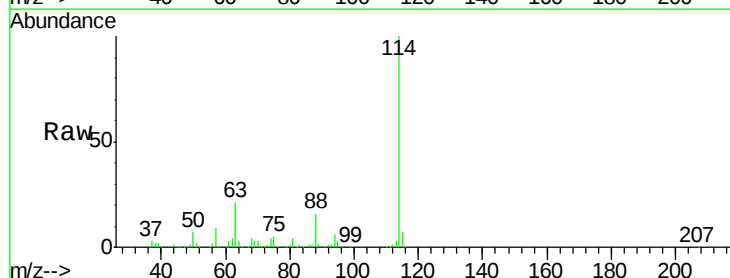
Instrument :
 MSVOA_Y
 ClientSampleId :
 B4-9-9.5-BGS

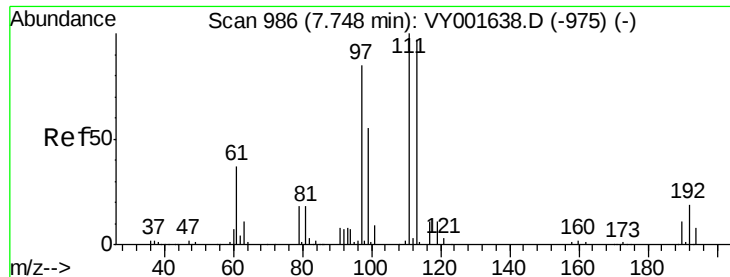
Tot Ion: 65 Resp: 95433
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001785.D
 Acq: 26 Feb 2020 15:32

Tgt Ion: 114 Resp: 287019
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.4
 88 16.1 0.0 32.8

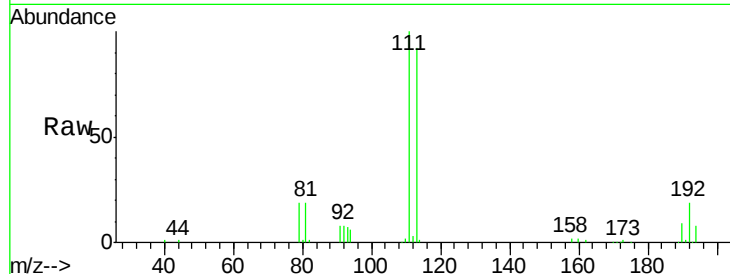




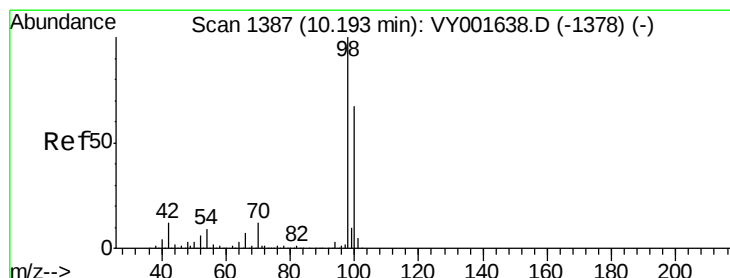
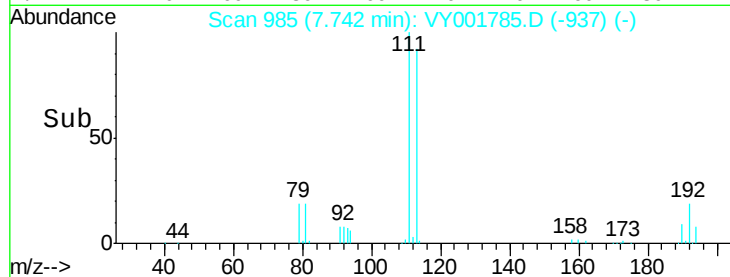
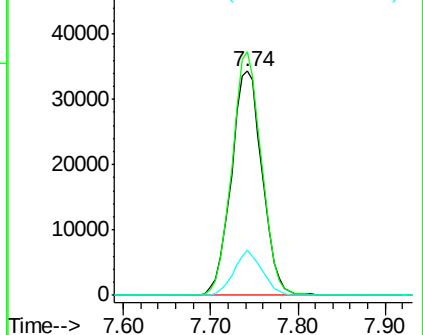
#35
 Dibromofluoromethane
 Concen: 51.225 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001785.D
 Acq: 26 Feb 2020 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 B4-9-9.5-BGS

Tot Ion:113 Resp: 84210
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.9 122.9
 192 18.2 14.3 21.5

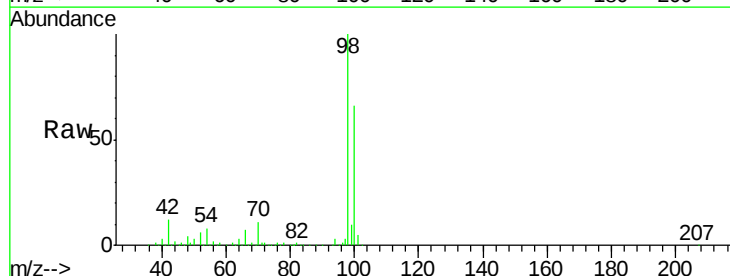


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

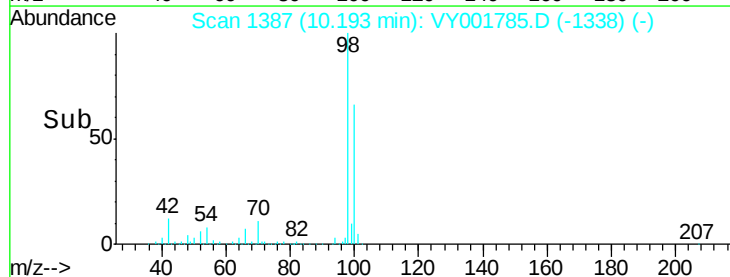
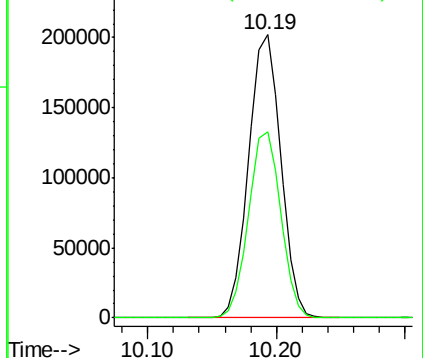


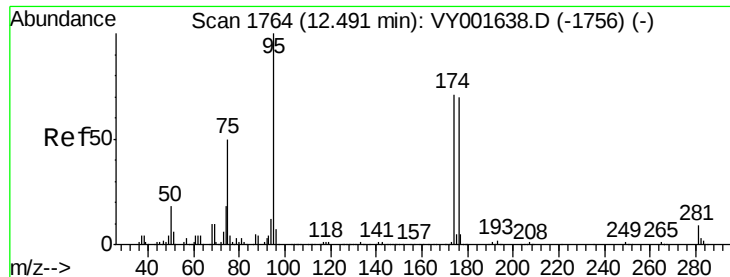
#50
 Toluene-d8
 Concen: 54.278 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001785.D
 Acq: 26 Feb 2020 15:32

Tgt Ion: 98 Resp: 349572
 Ion Ratio Lower Upper
 98 100
 100 65.6 53.0 79.4



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

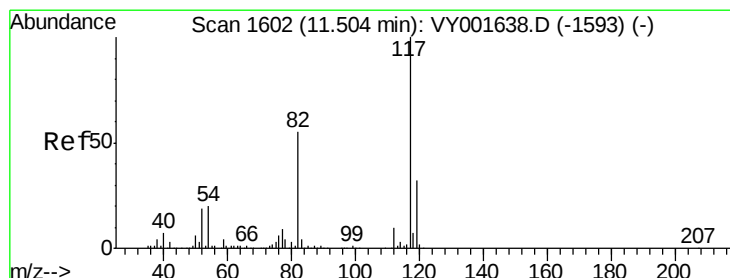
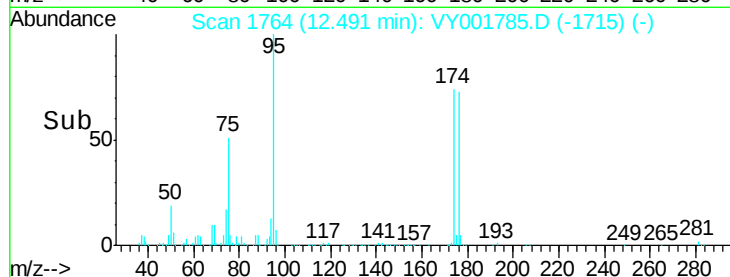
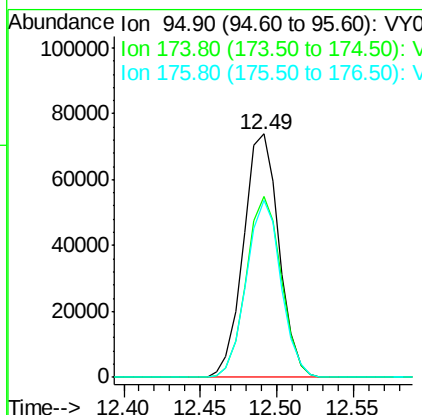
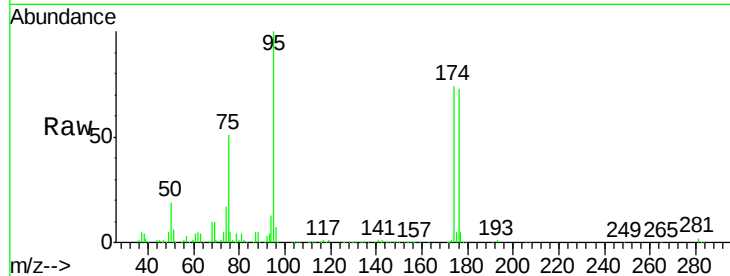




#62
4-Bromofluorobenzene
Concen: 47.665 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001785.D
Acq: 26 Feb 2020 15:32

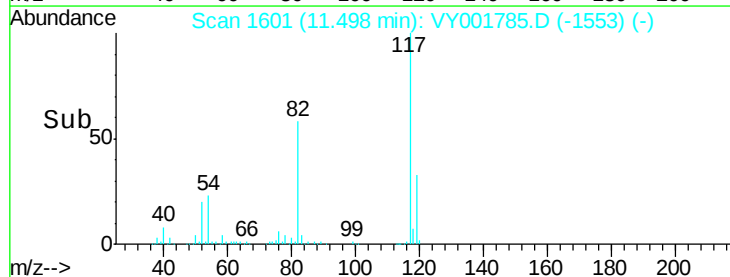
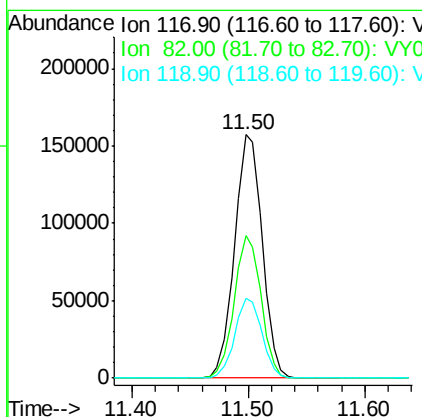
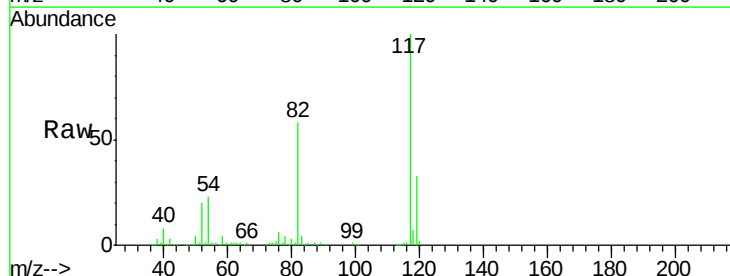
Instrument :
MSVOA_Y
ClientSampleId :
B4-9-9.5-BGS

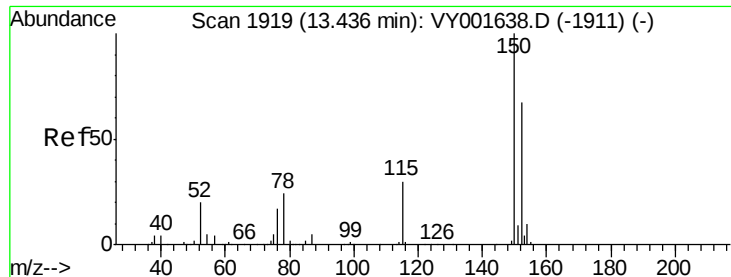
Tot Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	138.4
176	70.8	0.0	131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001785.D
Acq: 26 Feb 2020 15:32

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.5	68.3
119	32.6	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: VY001785.D

Acq: 26 Feb 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

B4-9-9.5-BGS

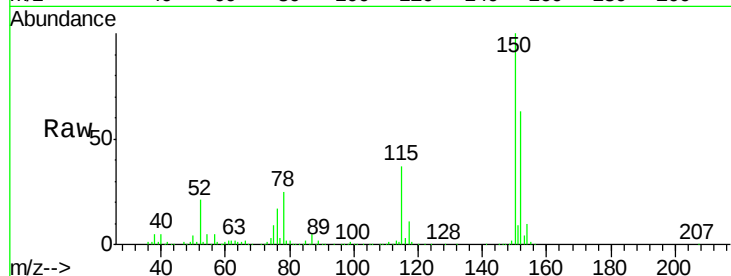
Tot Ion:152 Resp: 114994

Ion Ratio Lower Upper

152 100

115 62.0 31.4 94.2

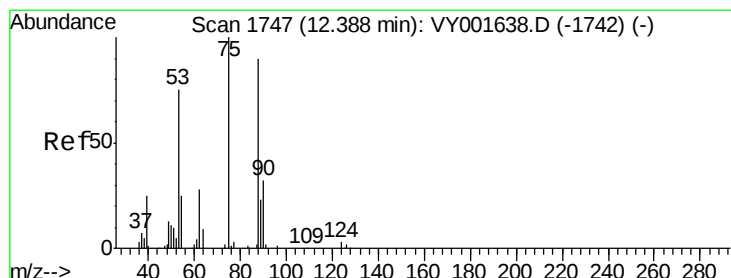
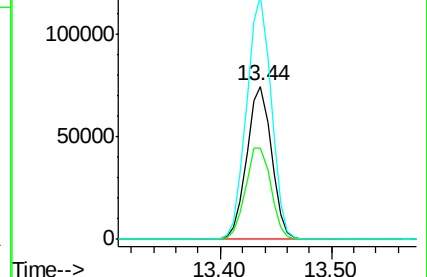
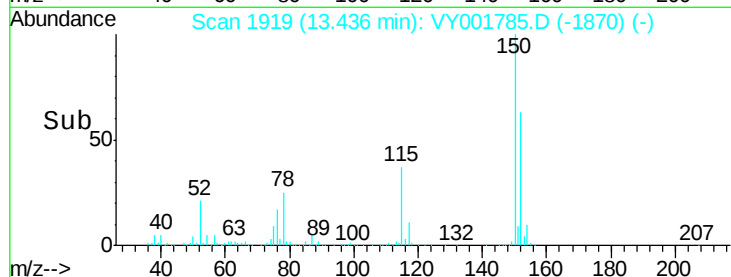
150 158.0 0.0 407.2



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



#81

trans-1,4-Dichloro-2-butene

Concen: 86.643 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001785.D

Acq: 26 Feb 2020 15:32

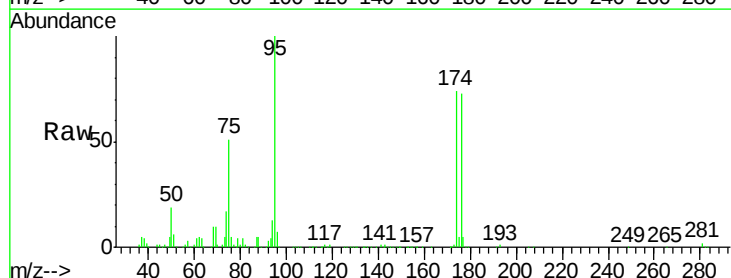
Tgt Ion: 75 Resp: 60244

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

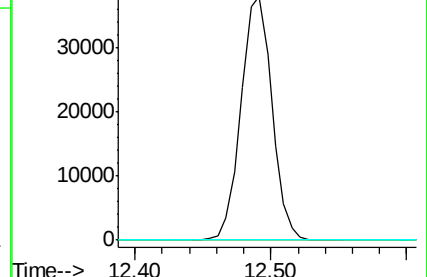
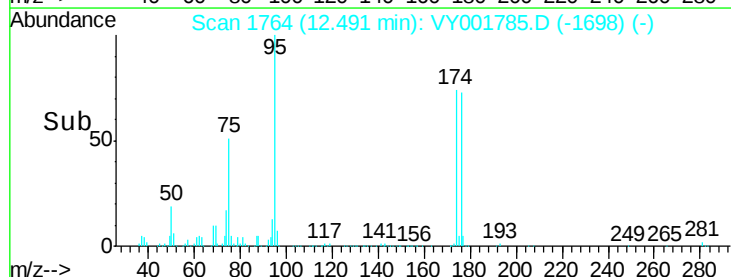
89 0.2 36.3 54.5#

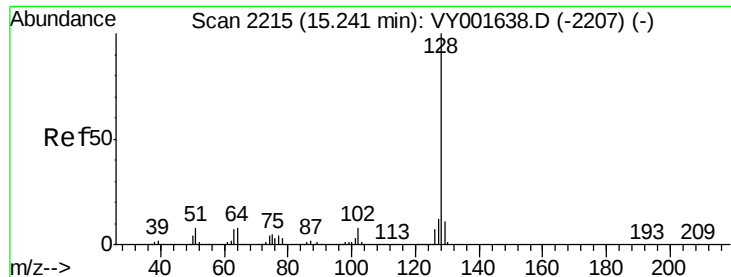


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0





#95

Naphthalene

Concen: 4.549 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY001785.D

Acq: 26 Feb 2020 15:32

Instrument :

MSVOA_Y

ClientSampleId :

B4-9-9.5-BGS

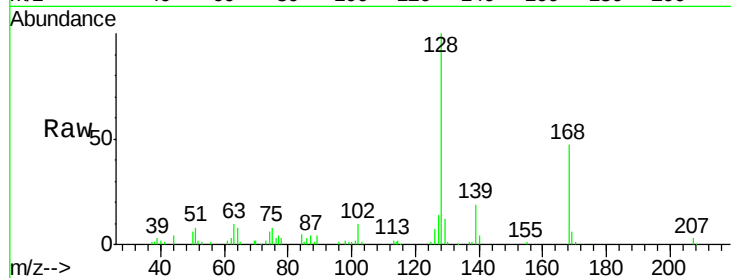
Tot Ion:128 Resp: 23624

Ion Ratio Lower Upper

128 100

127 12.8 9.9 14.9

129 11.7 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

