

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032720\
 Data File : VY002110.D
 Acq On : 27 Mar 2020 17:01
 Operator : SY/MD
 Sample : L2049-07
 Misc : 8.04G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-(10-12)

Quant Time: Mar 30 05:04:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

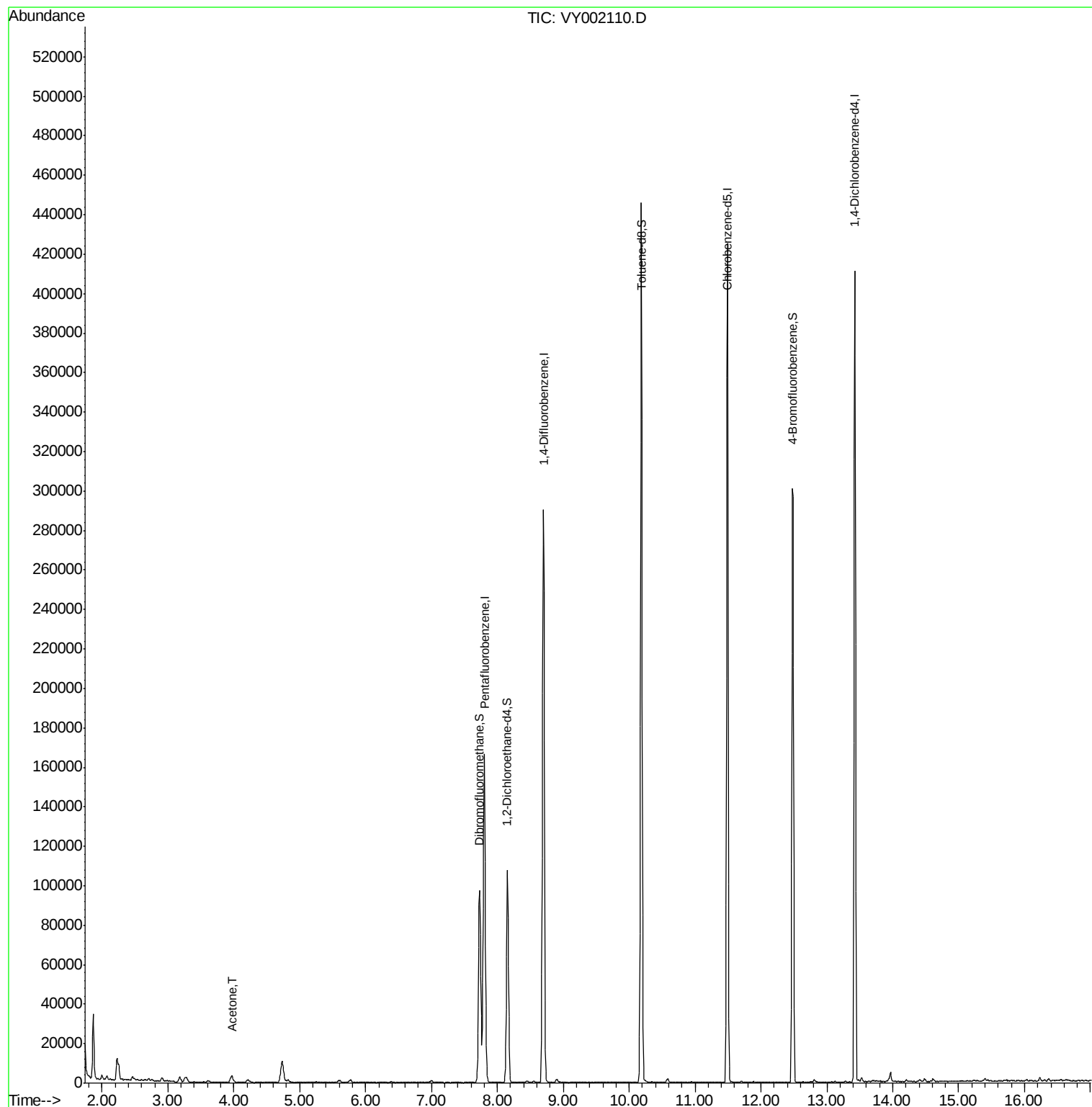
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	122956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	240866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	219963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	96512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	79347	58.38	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	116.76%	
35) Dibromofluoromethane	7.73	113	70300	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	10.19	98	295296	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.48	95	100520	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
Target Compounds						
16) Acetone	3.97	43	6408	16.780	ug/l	Qvalue 100

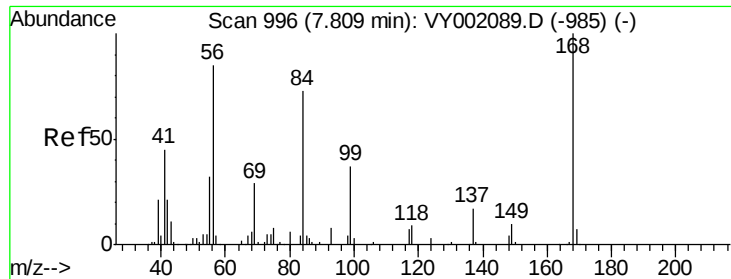
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002110.D

Acq: 27 Mar 2020 17:01

Instrument :

MSVOA_Y

ClientSampleId :

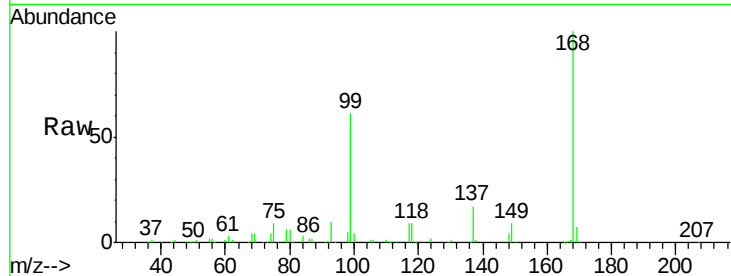
SB-5-(10-12)

Tot Ion:168 Resp: 122956

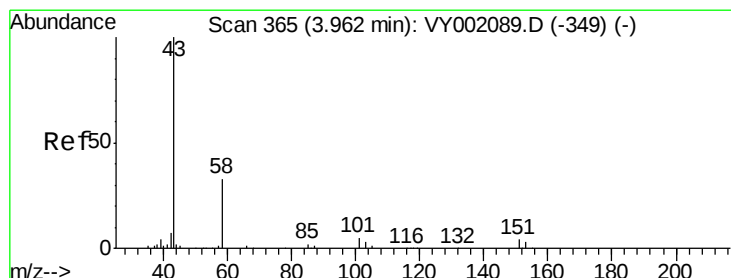
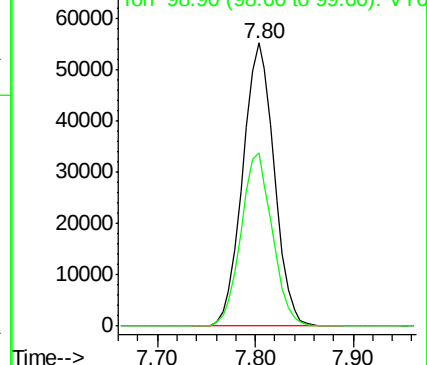
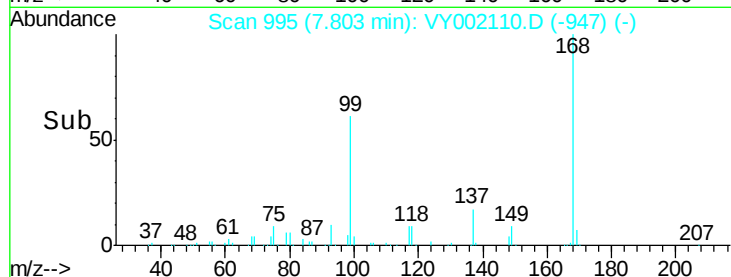
Ion Ratio Lower Upper

168 100

99 61.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002110.D (-947) (-)



#16

Acetone

Concen: 16.780 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002110.D

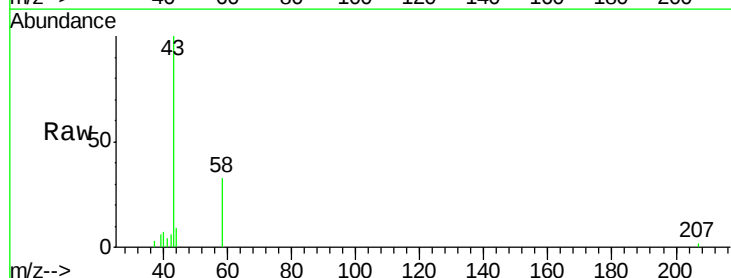
Acq: 27 Mar 2020 17:01

Tgt Ion: 43 Resp: 6408

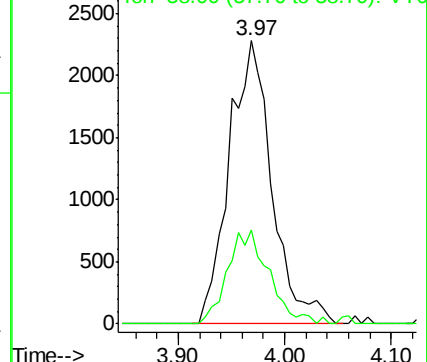
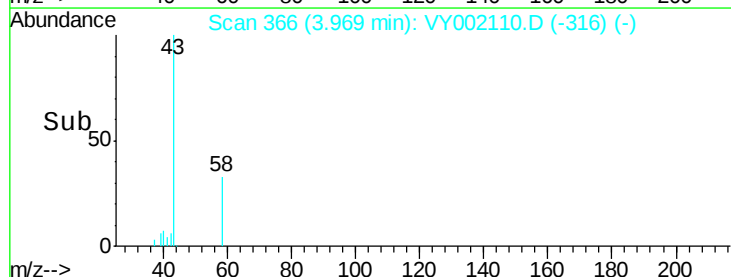
Ion Ratio Lower Upper

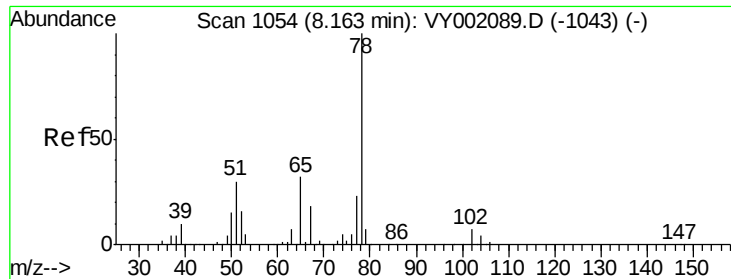
43 100

58 33.0 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002110.D (-316) (-)





#33

1,2-Dichloroethane-d4

Concen: 58.376 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002110.D

Acq: 27 Mar 2020 17:01

Instrument :

MSVOA_Y

ClientSampleId :

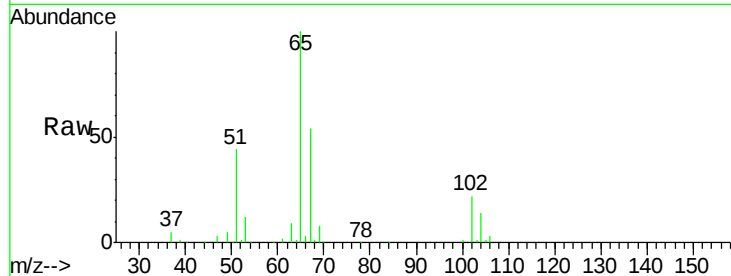
SB-5-(10-12)

Tot Ion: 65 Resp: 79347

Ion Ratio Lower Upper

65 100

67 54.1 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002110.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002110.D (-1043) (-)

8.15

40000

30000

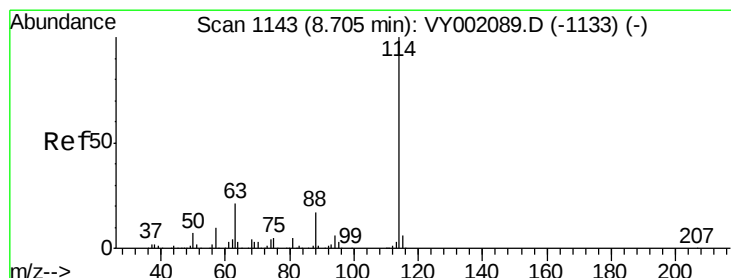
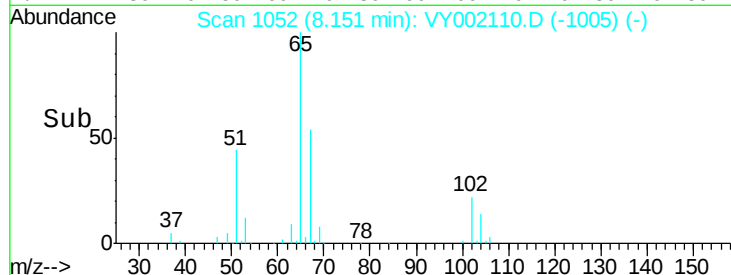
20000

10000

0

8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002110.D

Acq: 27 Mar 2020 17:01

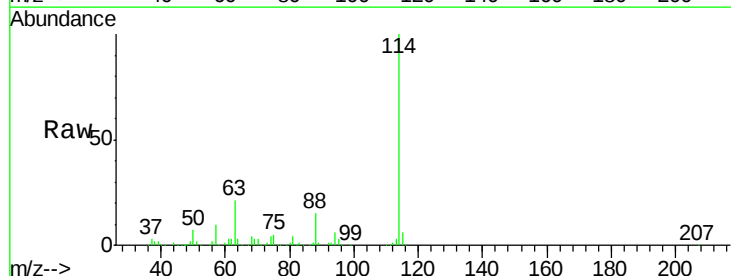
Tgt Ion: 114 Resp: 240866

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.4

88 14.8 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VY002110.D (-1094) (-)

Ion 63.00 (62.70 to 63.70): VY002110.D (-1094) (-)

Ion 87.90 (87.60 to 88.60): VY002110.D (-1094) (-)

8.70

150000

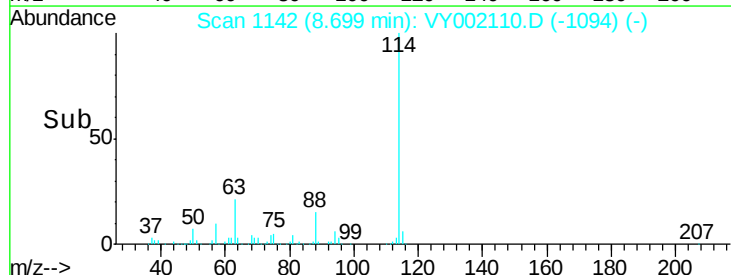
100000

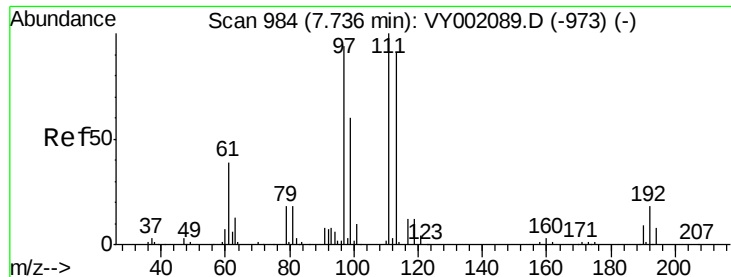
50000

0

8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 52.089 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002110.D

Acq: 27 Mar 2020 17:01

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-(10-12)

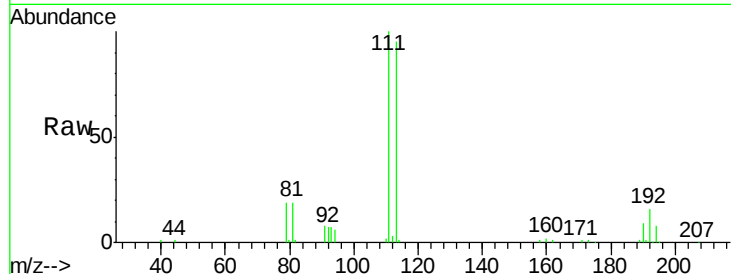
Tot Ion:113 Resp: 70300

Ion Ratio Lower Upper

113 100

111 104.6 84.4 126.6

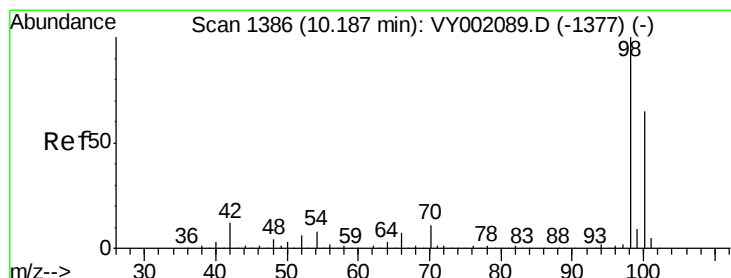
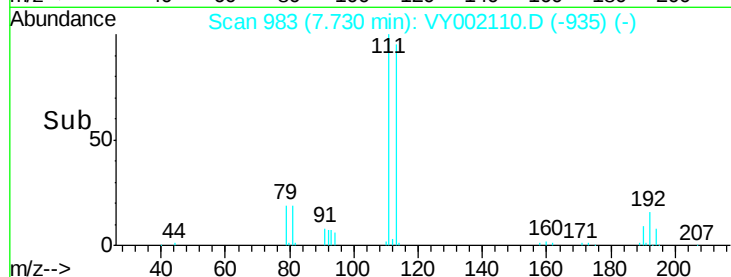
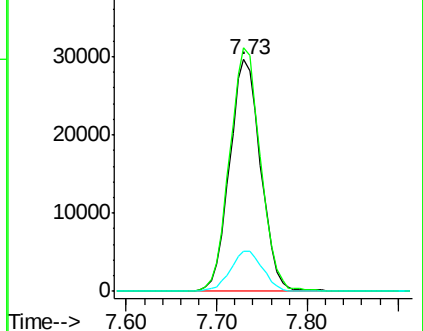
192 18.1 14.6 21.8



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: 52.669 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002110.D

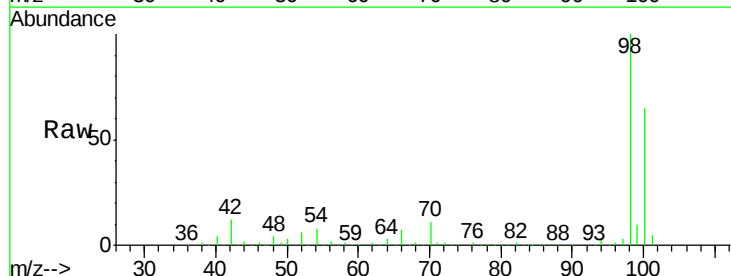
Acq: 27 Mar 2020 17:01

Tgt Ion: 98 Resp: 295296

Ion Ratio Lower Upper

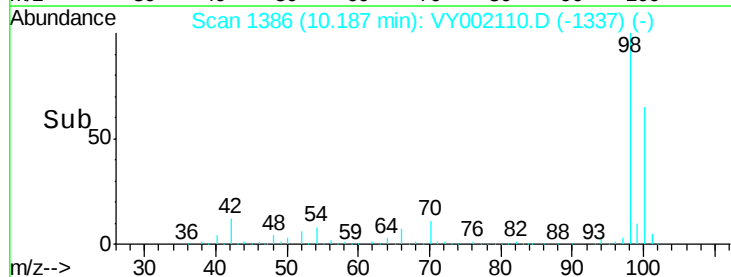
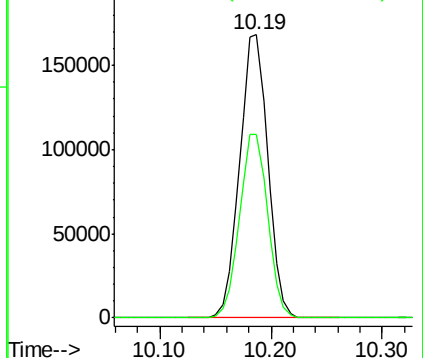
98 100

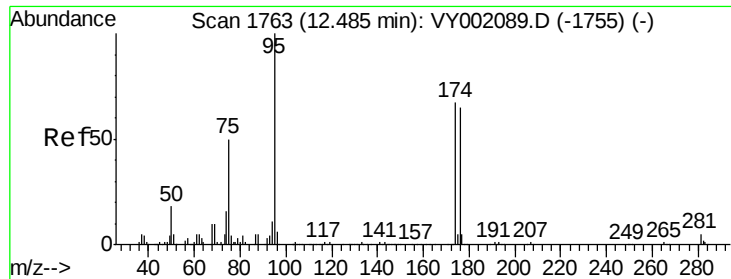
100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

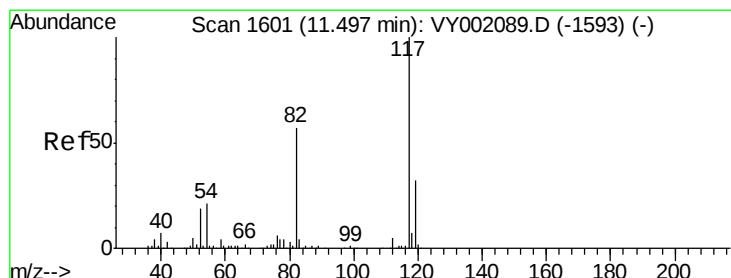
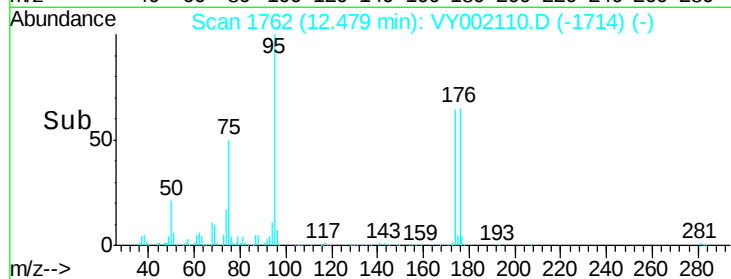
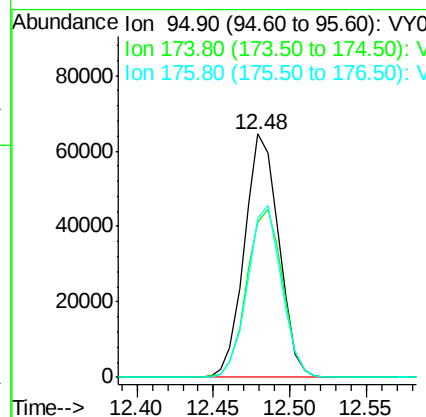
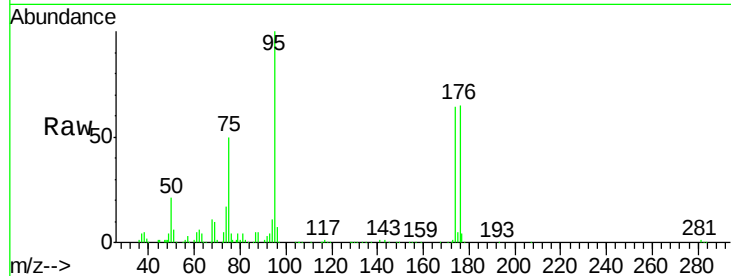




#62
4-Bromofluorobenzene
Concen: 51.264 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY002110.D
Acq: 27 Mar 2020 17:01

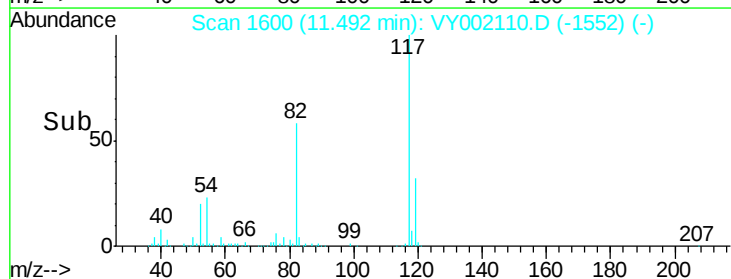
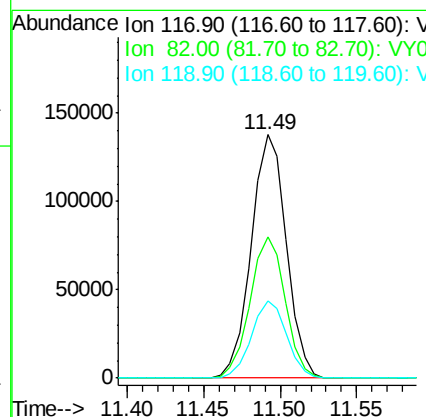
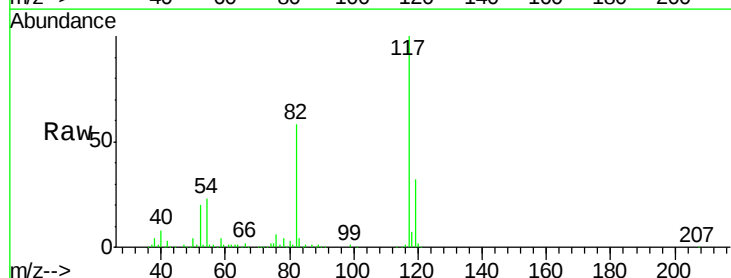
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-(10-12)

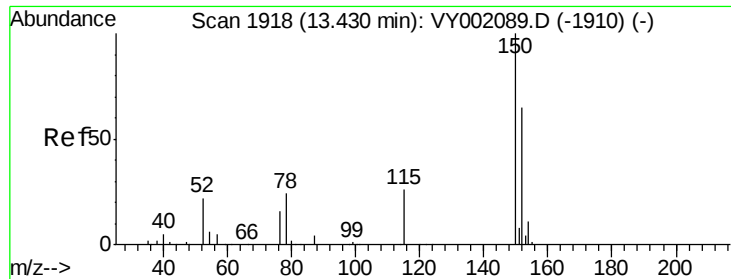
Tot Ion	95	Resp	100520
Ion Ratio	Lower	Upper	
95	100		
174	72.2	0.0	143.4
176	69.8	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002110.D
Acq: 27 Mar 2020 17:01

Tgt Ion	117	Resp	219963
Ion Ratio	Lower	Upper	
117	100		
82	58.1	45.4	68.2
119	31.7	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002110.D

Acq: 27 Mar 2020 17:01

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-(10-12)

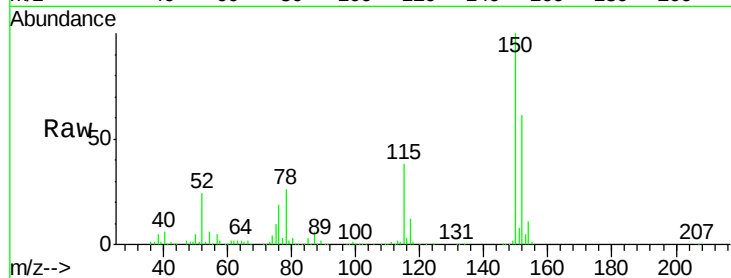
Tot Ion:152 Resp: 96512

Ion Ratio Lower Upper

152 100

115 61.2 31.2 93.6

150 158.1 0.0 354.8



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

