

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv032720\
 Data File : VY002111.D
 Acq On : 27 Mar 2020 17:23
 Operator : SY/MD
 Sample : L2049-08
 Misc : 8.96G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-(10-12)

Quant Time: Apr 06 07:10:25 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

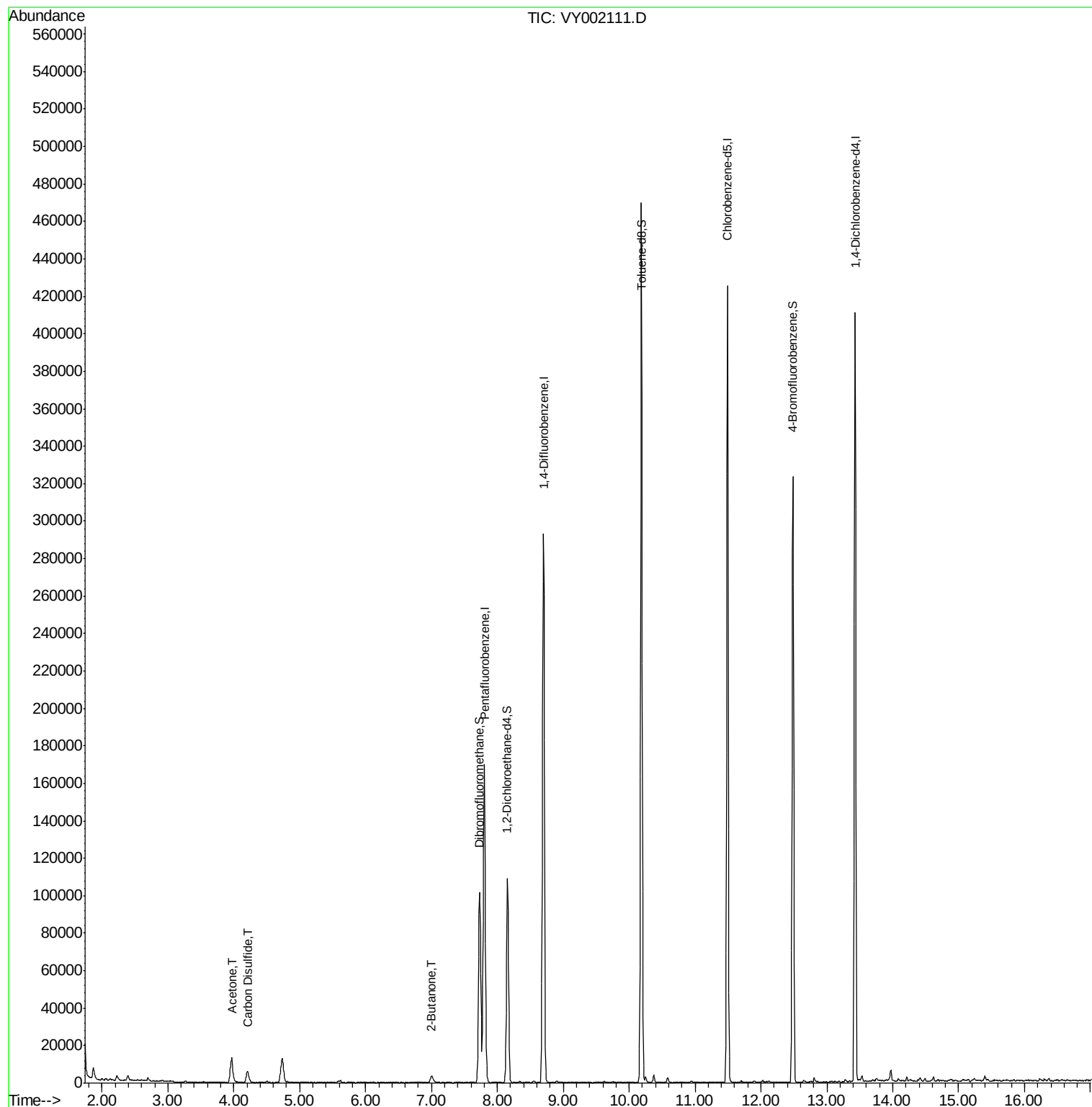
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	124011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	245464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	225161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	96939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	82384	60.09	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	120.18%	
35) Dibromofluoromethane	7.73	113	72710	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
50) Toluene-d8	10.19	98	301372	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.49	95	102898	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
Target Compounds						
16) Acetone	3.97	43	22850	59.327	ug/l	94
17) Carbon Disulfide	4.21	76	12261	2.746	ug/l #	93
25) 2-Butanone	7.01	43	5197	8.788	ug/l #	81

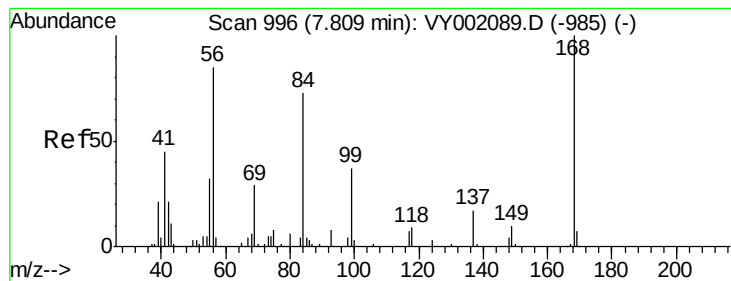
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002111.D

Acq: 27 Mar 2020 17:23

Instrument :

MSVOA_Y

ClientSampleId :

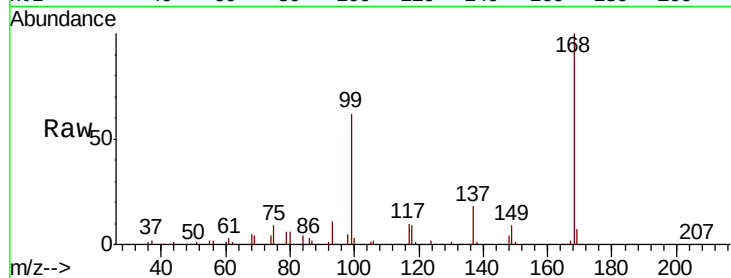
SB-4-(10-12)

Tot Ion:168 Resp: 124011

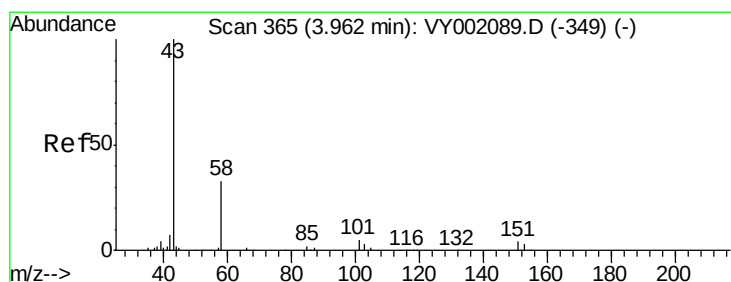
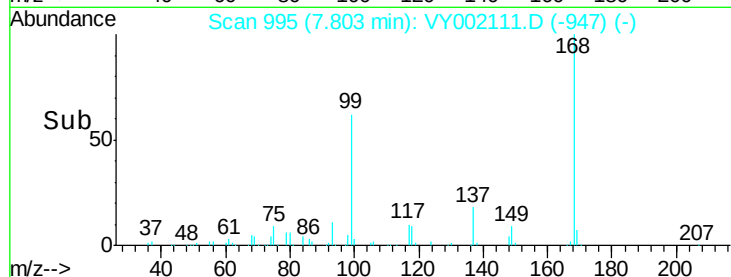
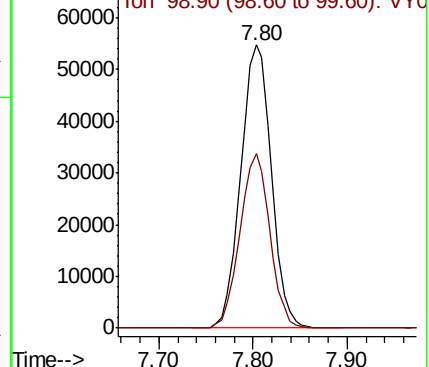
Ion Ratio Lower Upper

168 100

99 61.6 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002111.D (-947) (-)



#16

Acetone

Concen: 59.327 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY002111.D

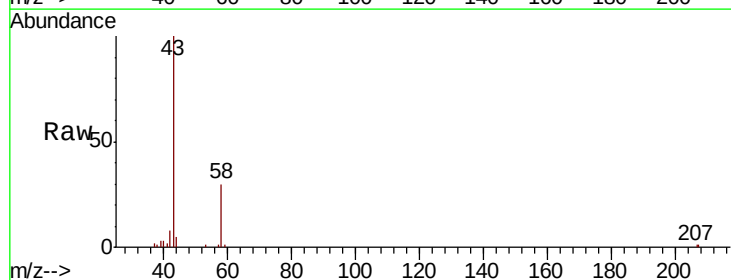
Acq: 27 Mar 2020 17:23

Tgt Ion: 43 Resp: 22850

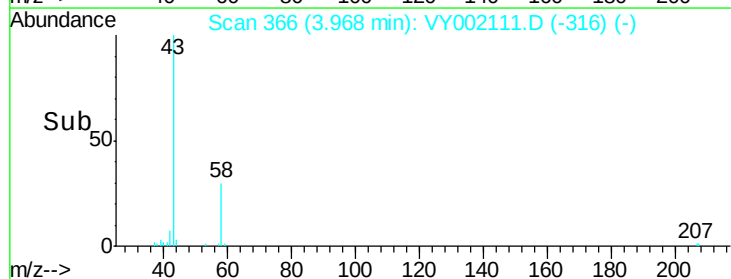
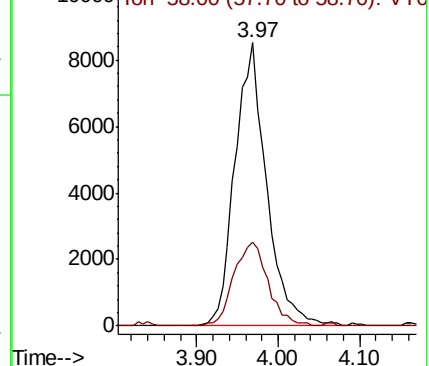
Ion Ratio Lower Upper

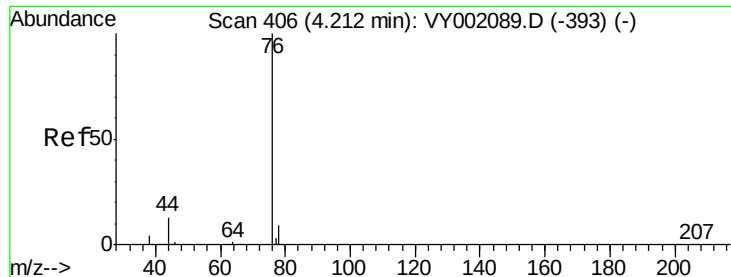
43 100

58 29.7 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002111.D (-316) (-)

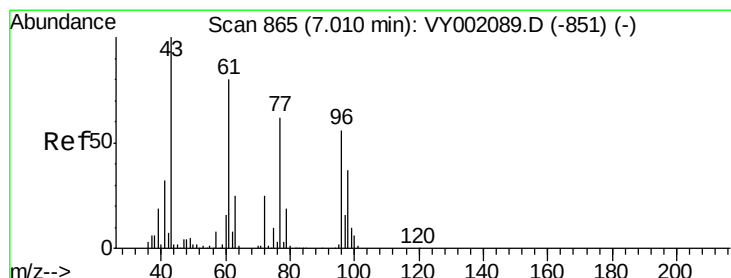
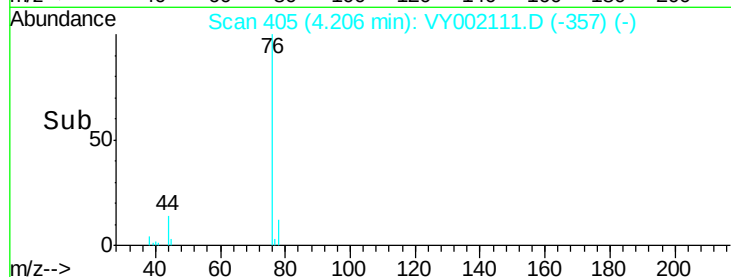
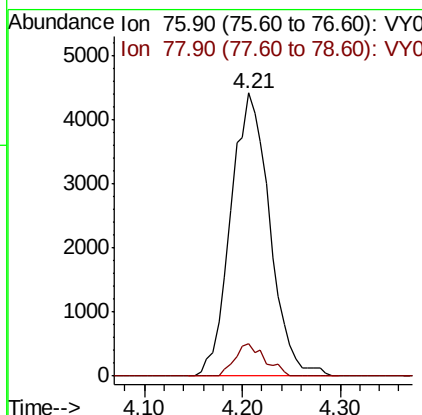
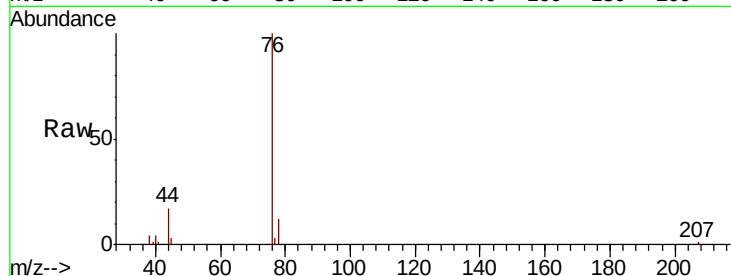




#17
Carbon Disulfide
Concen: 2.746 ug/l
RT: 4.21 min Scan# 405
Delta R.T. -0.01 min
Lab File: VY002111.D
Acq: 27 Mar 2020 17:23

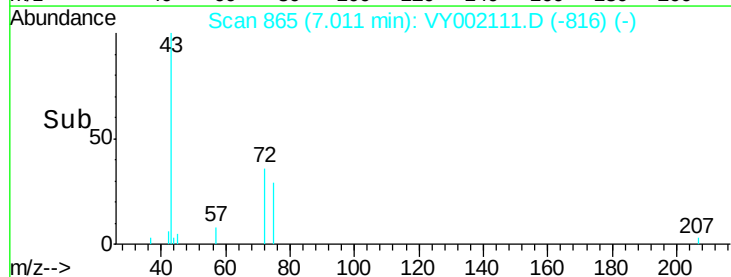
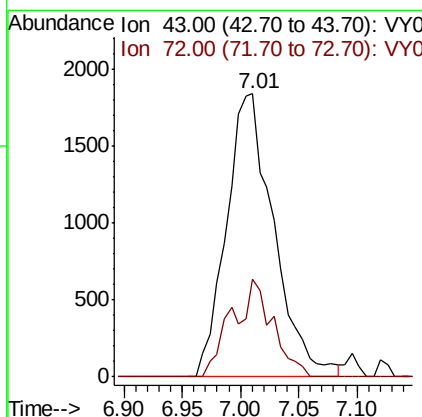
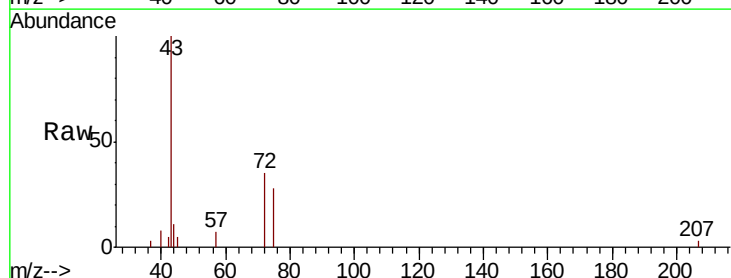
Instrument :
MSVOA_Y
ClientSampled :
SB-4-(10-12)

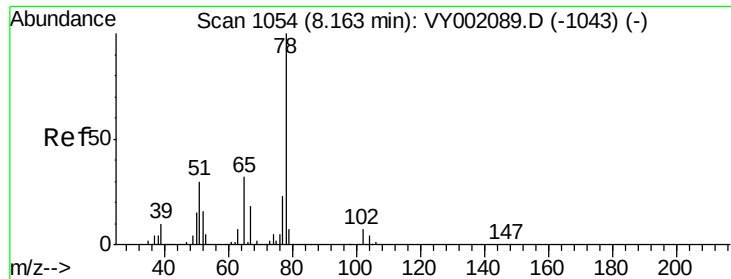
Tot Ion: 76 Resp: 12261
Ion Ratio Lower Upper
76 100
78 11.6 7.3 10.9#



#25
2-Butanone
Concen: 8.788 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.00 min
Lab File: VY002111.D
Acq: 27 Mar 2020 17:23

Tgt Ion: 43 Resp: 5197
Ion Ratio Lower Upper
43 100
72 34.6 20.2 30.2#

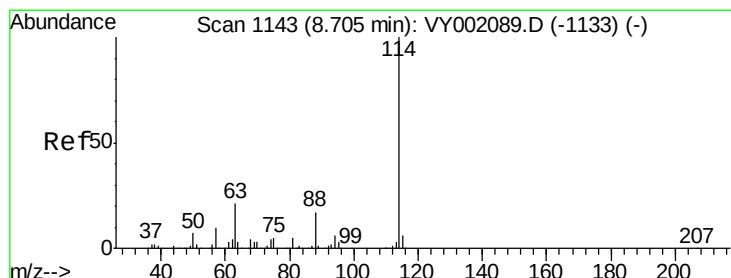
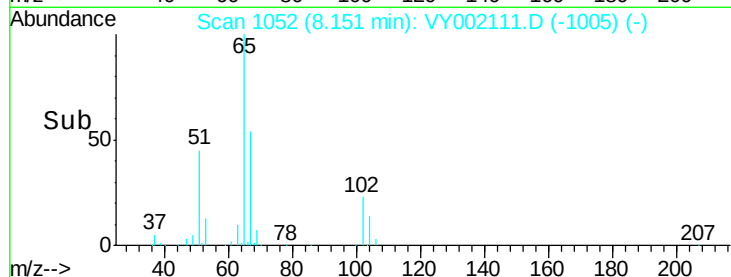
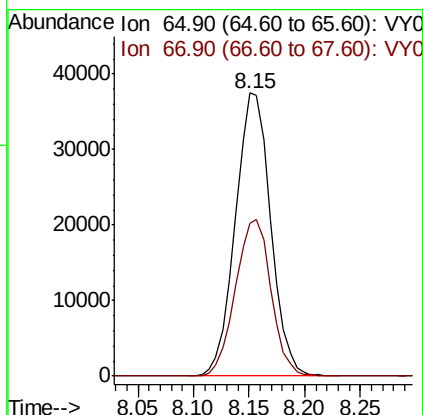
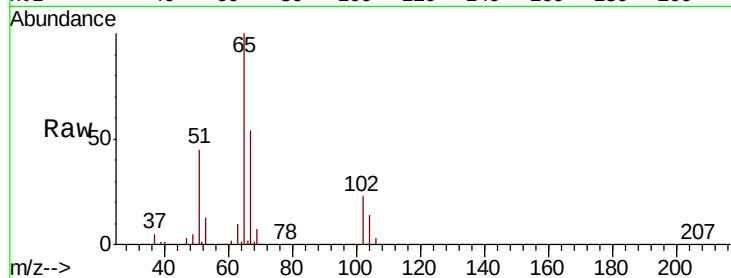




#33
 1,2-Dichloroethane-d4
 Concen: 60.095 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002111.D
 Acq: 27 Mar 2020 17:23

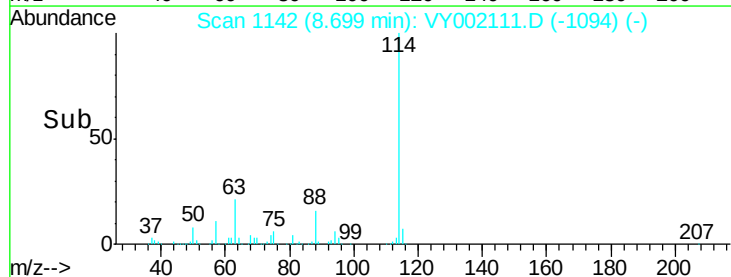
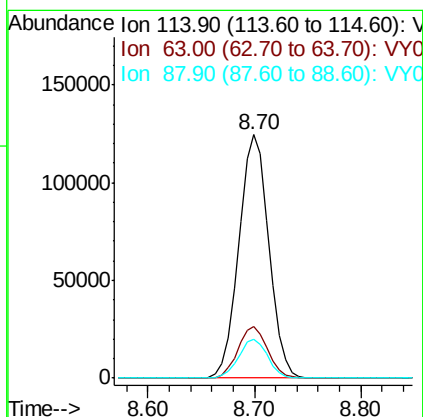
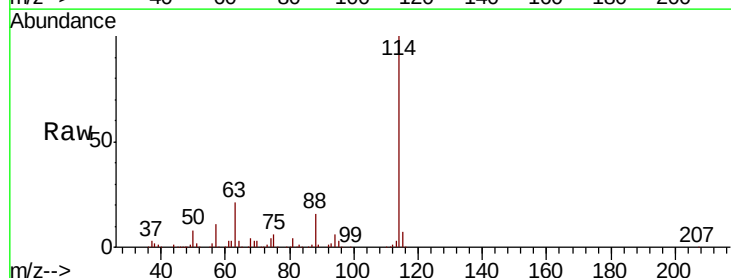
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4-(10-12)

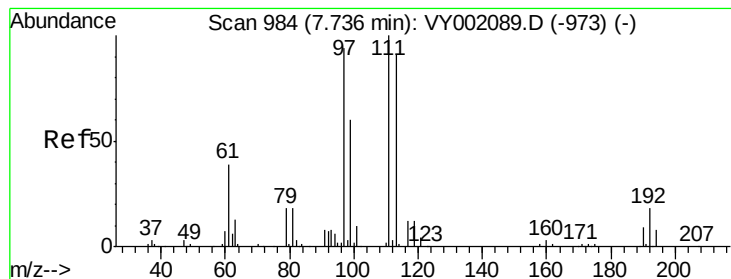
Tot Ion: 65 Resp: 82384
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002111.D
 Acq: 27 Mar 2020 17:23

Tgt Ion: 114 Resp: 245464
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.866 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002111.D

Acq: 27 Mar 2020 17:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-4-(10-12)

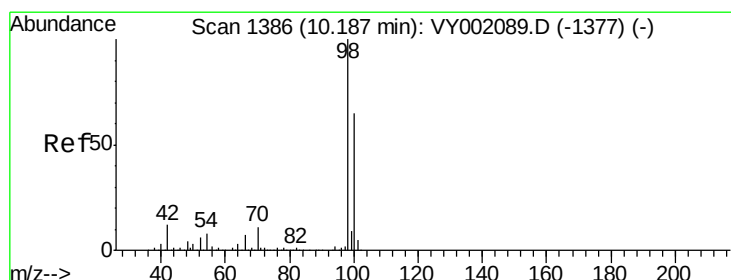
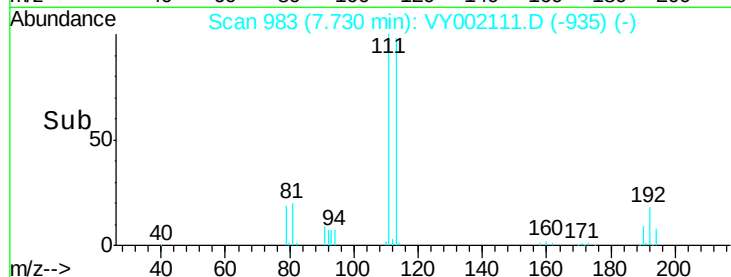
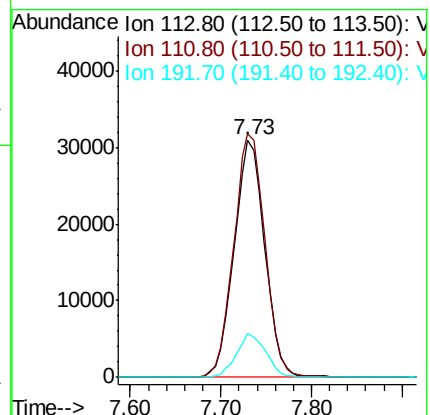
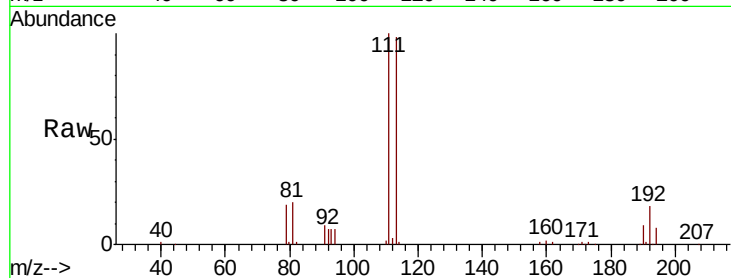
Tot Ion:113 Resp: 72710

Ion Ratio Lower Upper

113 100

111 104.3 84.4 126.6

192 17.6 14.6 21.8



#50

Toluene-d8

Concen: 52.746 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002111.D

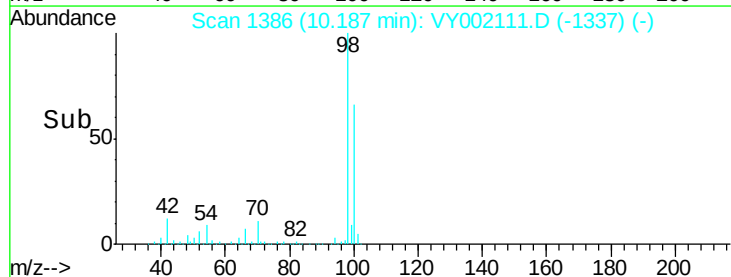
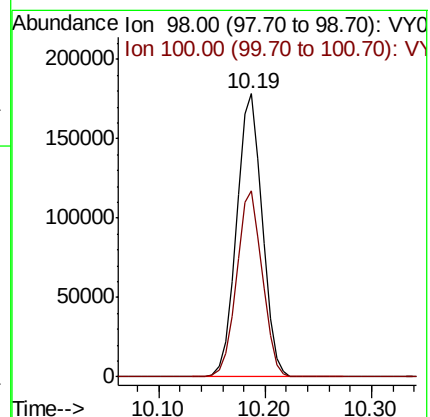
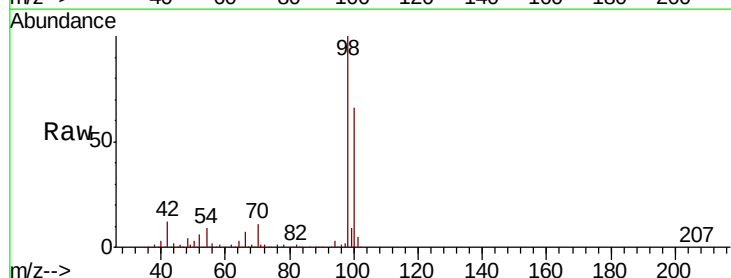
Acq: 27 Mar 2020 17:23

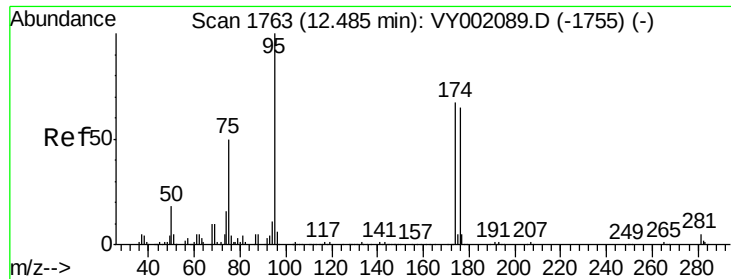
Tgt Ion: 98 Resp: 301372

Ion Ratio Lower Upper

98 100

100 65.5 51.6 77.4

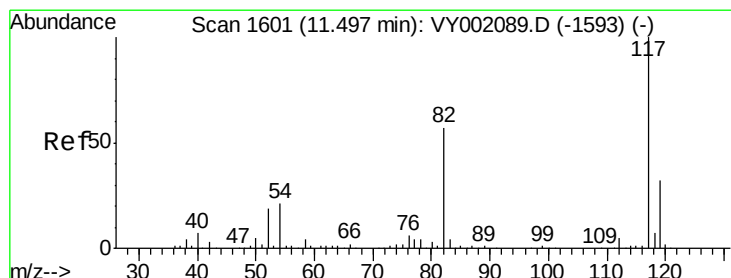
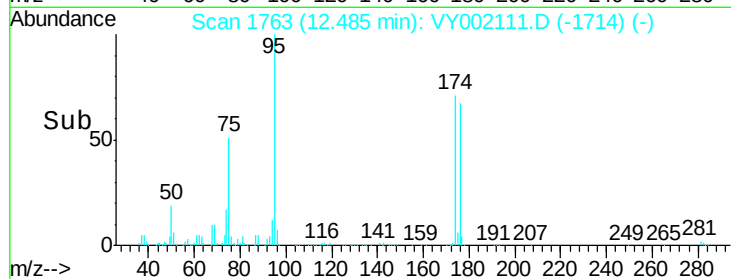
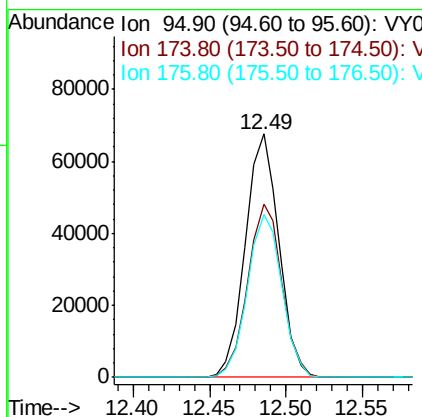
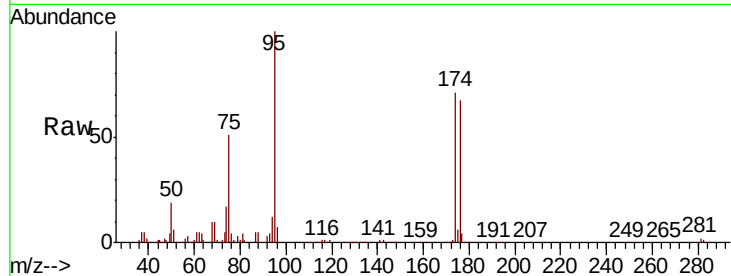




#62
4-Bromofluorobenzene
Concen: 51.494 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002111.D
Acq: 27 Mar 2020 17:23

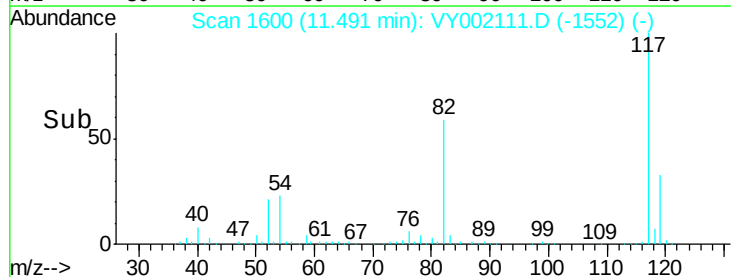
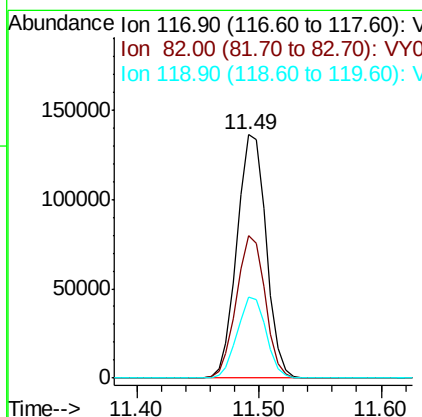
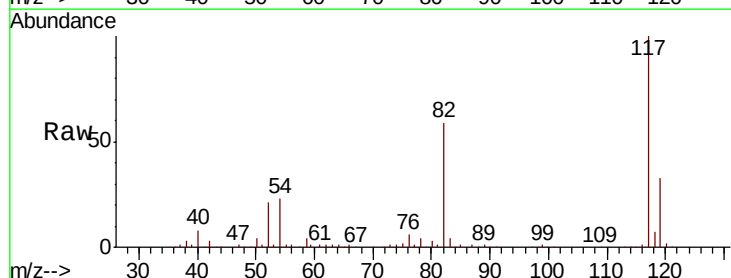
Instrument :
MSVOA_Y
ClientSampleId :
SB-4-(10-12)

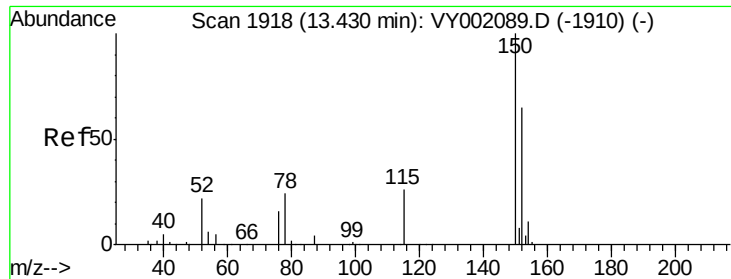
Tot Ion	95	Resp	102898
Ion Ratio	Lower	Upper	
95	100		
174	72.7	0.0	143.4
176	69.0	0.0	137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002111.D
Acq: 27 Mar 2020 17:23

Tgt Ion	117	Resp	225161
Ion Ratio	Lower	Upper	
117	100		
82	58.6	45.4	68.2
119	33.1	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002111.D

Acq: 27 Mar 2020 17:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-4-(10-12)

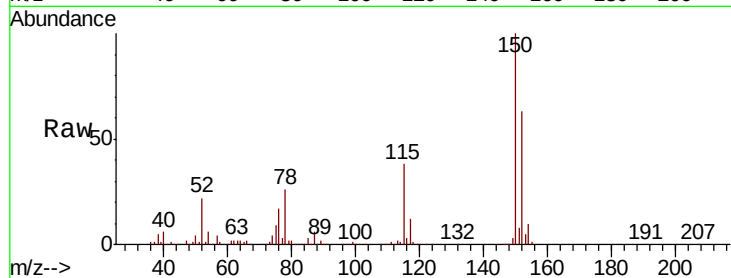
Tot Ion:152 Resp: 96939

Ion Ratio Lower Upper

152 100

115 62.7 31.2 93.6

150 159.3 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

