

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
 Data File : VY001585.D
 Acq On : 10 Feb 2020 14:57
 Operator : SY/MD
 Sample : L1452-01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPARTA-TSB

Quant Time: Feb 11 06:13:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

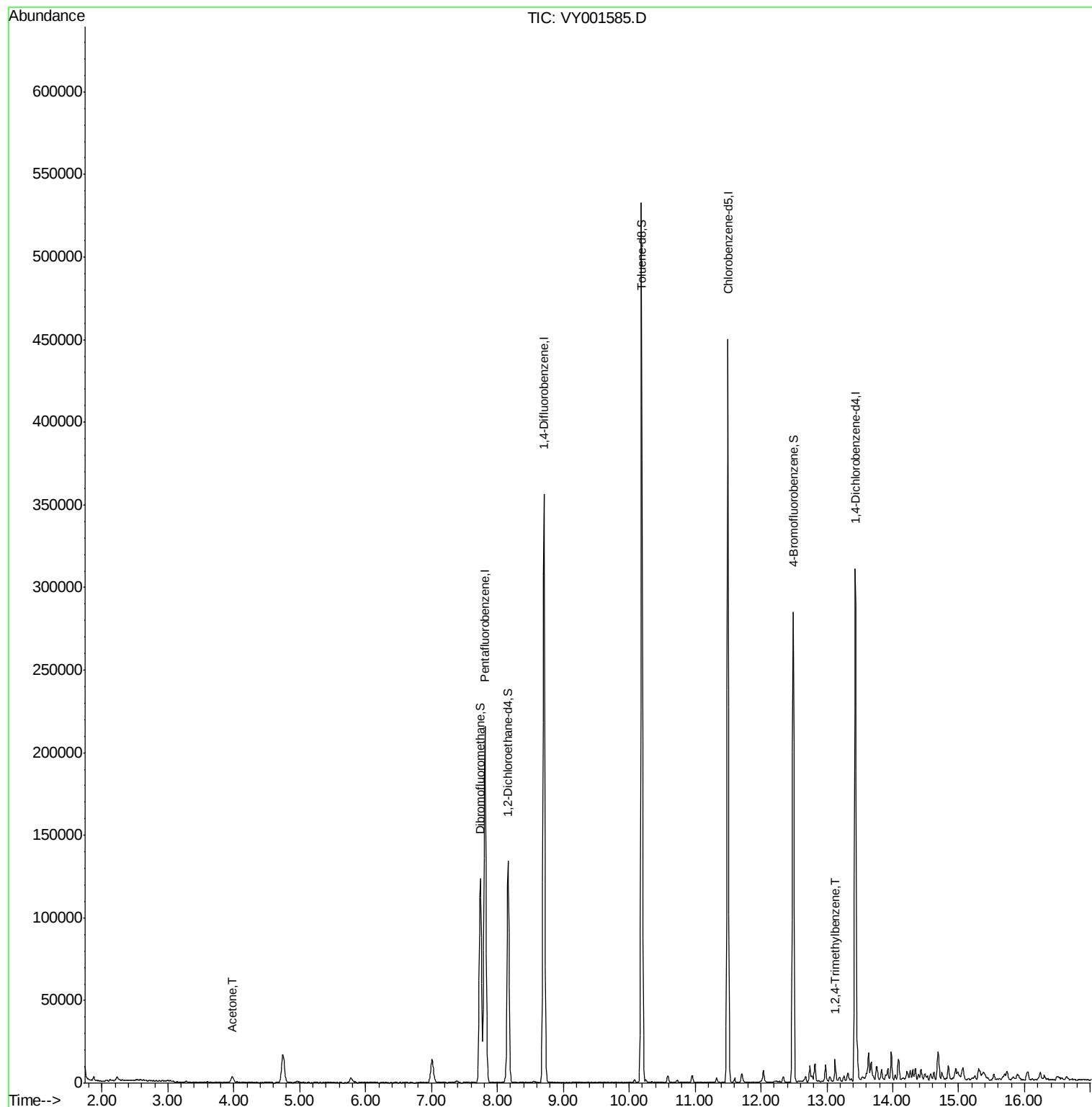
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	170707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	300705	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	238473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	76219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	96626	56.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.44%	
35) Dibromofluoromethane	7.74	113	87899	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.19	98	347006	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	12.49	95	94780	36.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.34%	
Target Compounds						
16) Acetone	3.97	43	6805	13.687	ug/l #	86
84) 1,2,4-Trimethylbenzene	13.13	105	7190	1.484	ug/l	97

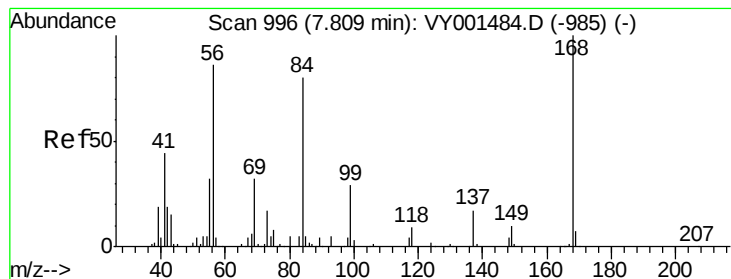
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001585.D

Acq: 10 Feb 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

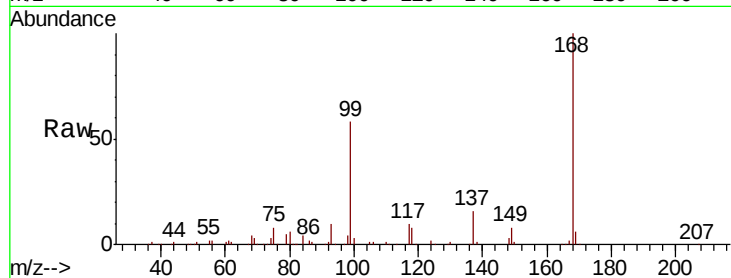
SPARTA-TSB

Tot Ion:168 Resp: 170707

Ion Ratio Lower Upper

168 100

99 57.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001585.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001585.D (-947) (-)

7.82

80000

60000

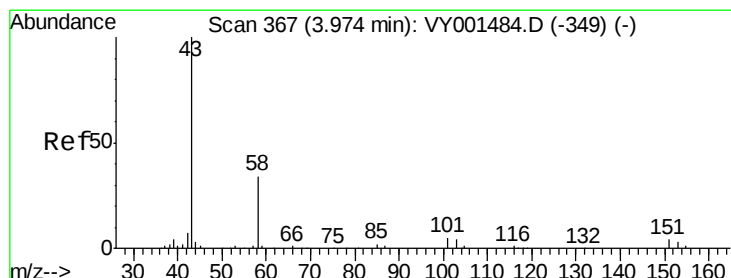
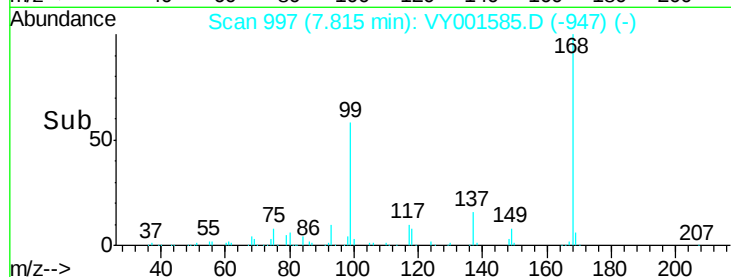
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 13.687 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.00 min

Lab File: VY001585.D

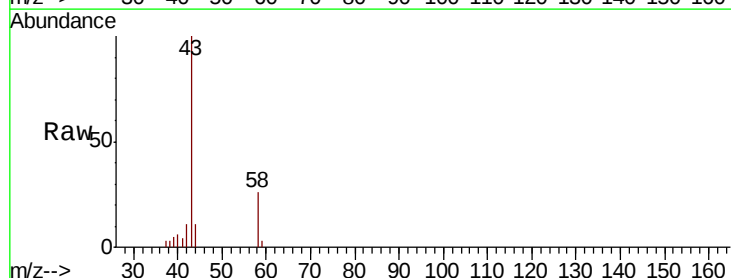
Acq: 10 Feb 2020 14:57

Tgt Ion: 43 Resp: 6805

Ion Ratio Lower Upper

43 100

58 26.5 27.5 41.3#



Abundance Ion 43.00 (42.70 to 43.70): VY001585.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001585.D (-318) (-)

3.97

2500

2000

1500

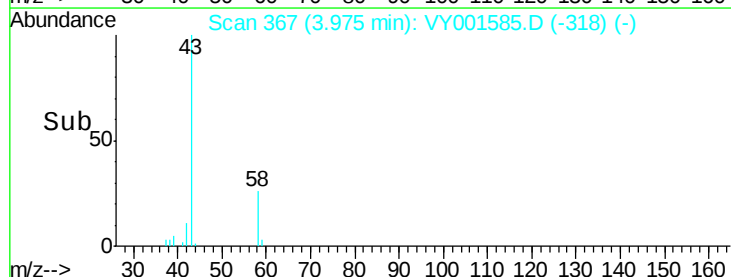
1000

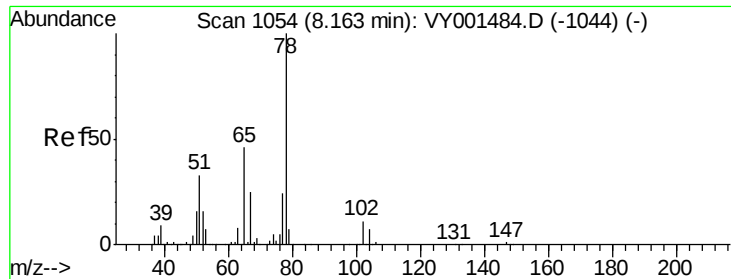
500

0

3.90 4.00 4.10

Time-->

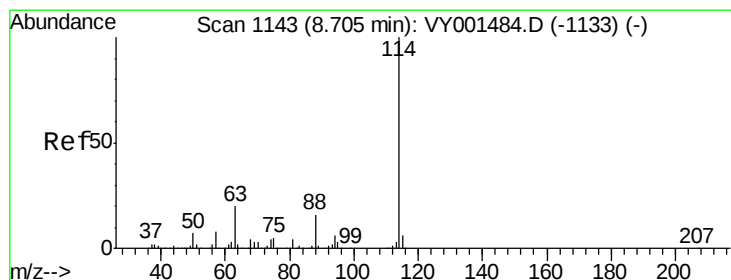
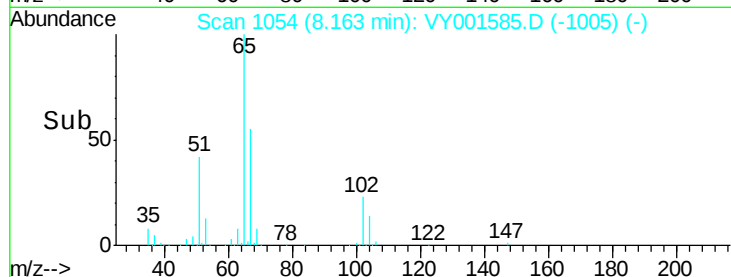
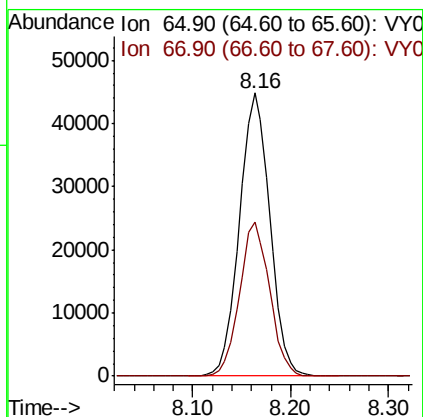
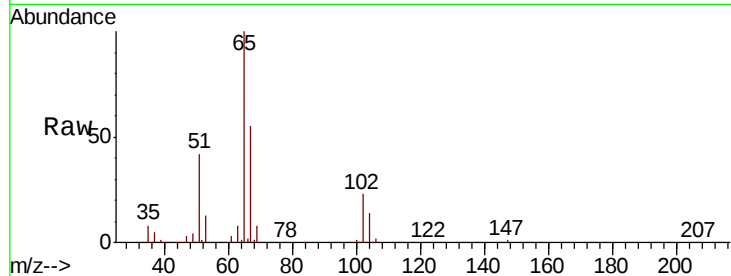




#33
 1,2-Dichloroethane-d4
 Concen: 56.218 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY001585.D
 Acq: 10 Feb 2020 14:57

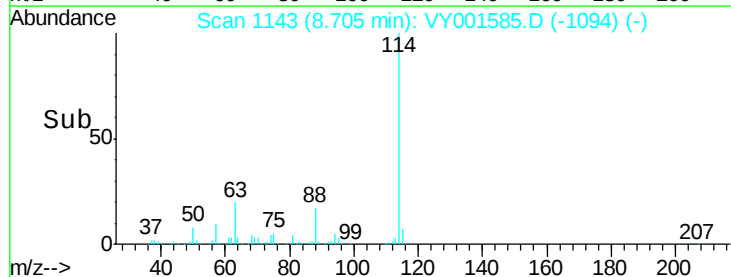
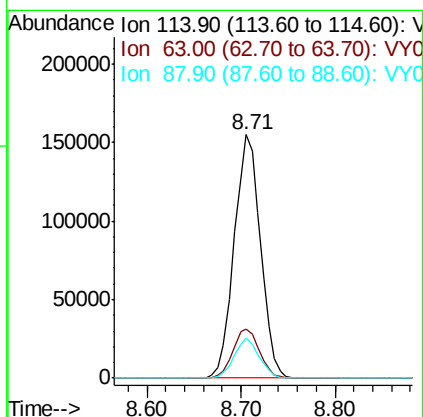
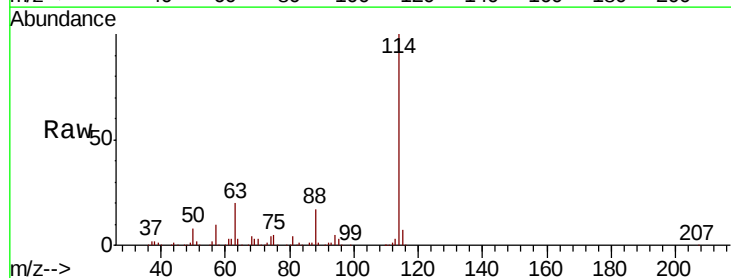
Instrument :
 MSVOA_Y
 ClientSampleId :
 SPARTA-TSB

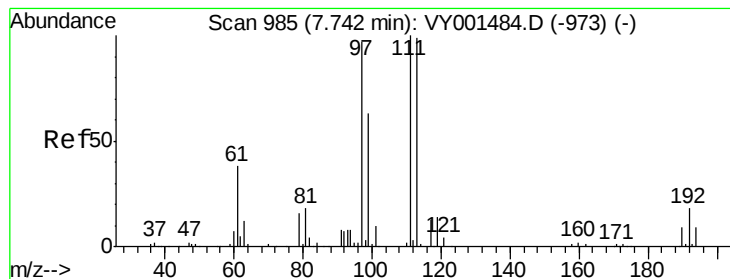
Tot Ion: 65 Resp: 96626
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY001585.D
 Acq: 10 Feb 2020 14:57

Tgt Ion: 114 Resp: 300705
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.691 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.00 min

Lab File: VY001585.D

Acq: 10 Feb 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

SPARTA-TSB

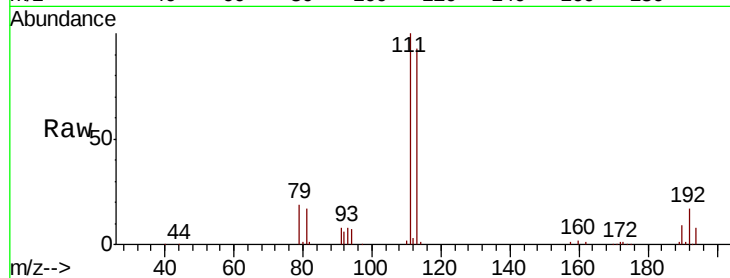
Tot Ion:113 Resp: 87899

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

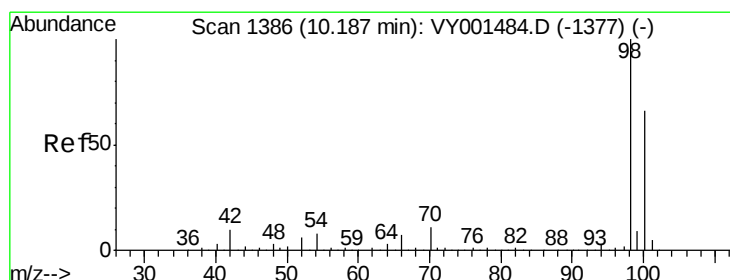
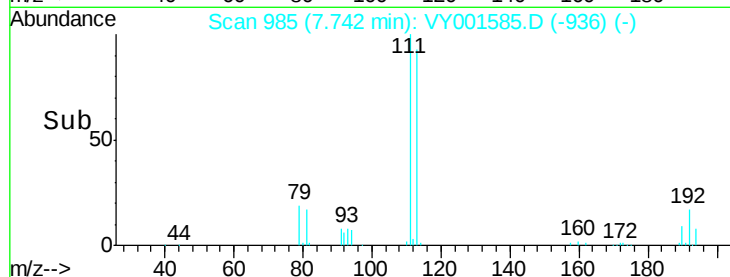
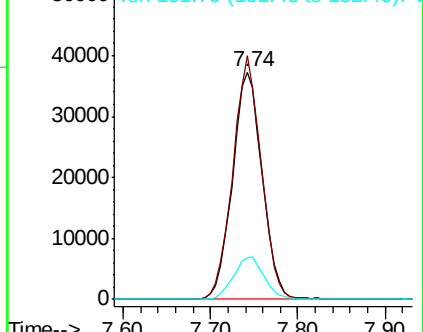
192 19.1 14.6 22.0



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: 52.893 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY001585.D

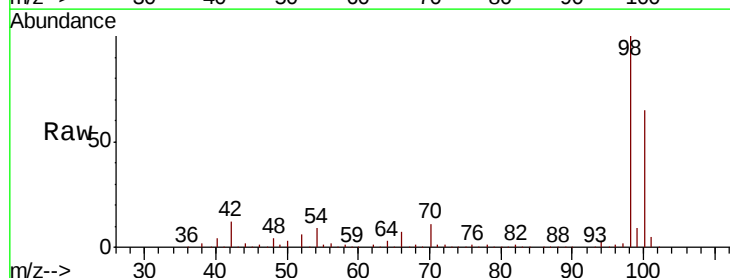
Acq: 10 Feb 2020 14:57

Tgt Ion: 98 Resp: 347006

Ion Ratio Lower Upper

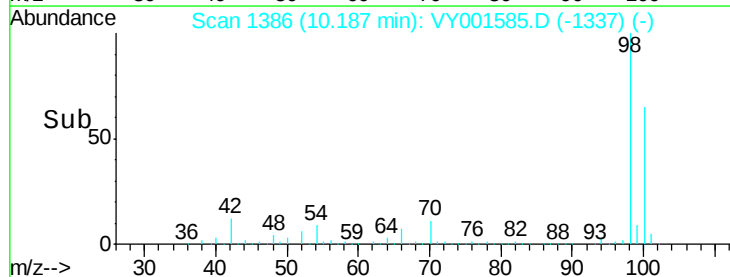
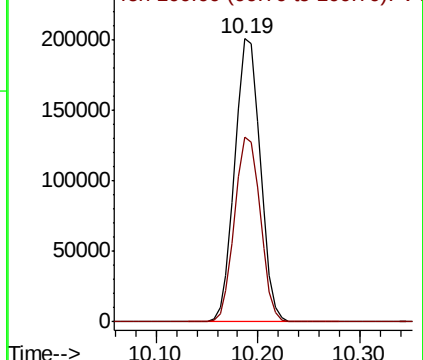
98 100

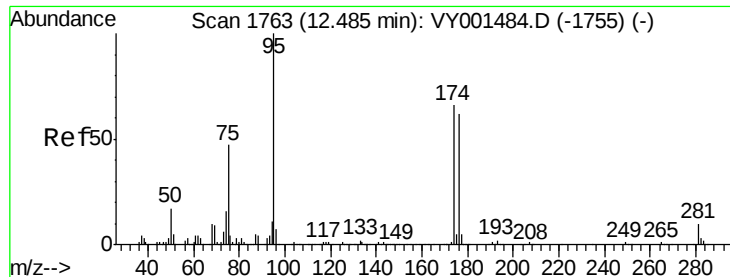
100 66.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

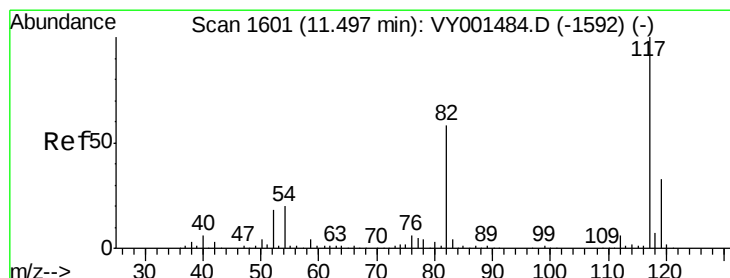
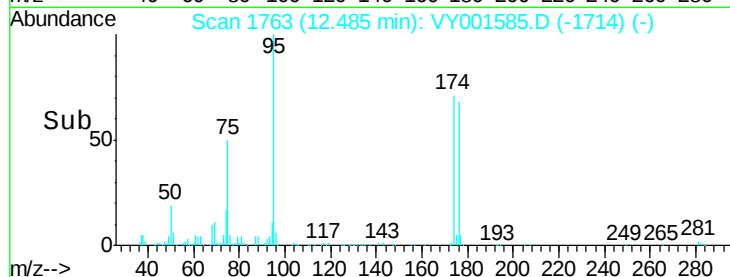
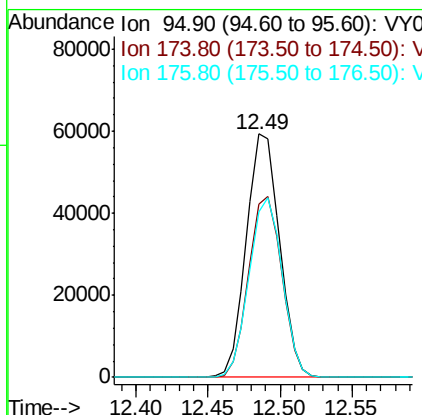
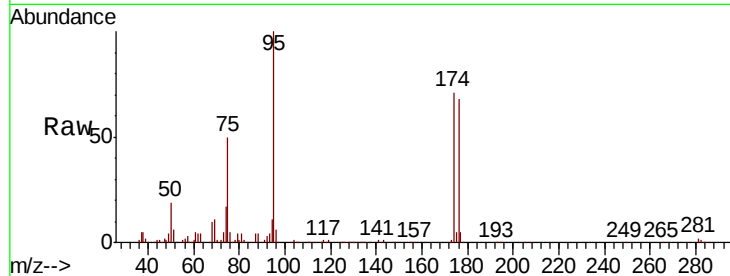




#62
4-Bromofluorobenzene
Concen: 36.673 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY001585.D
Acq: 10 Feb 2020 14:57

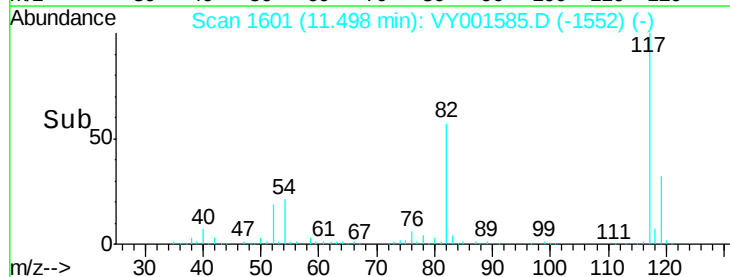
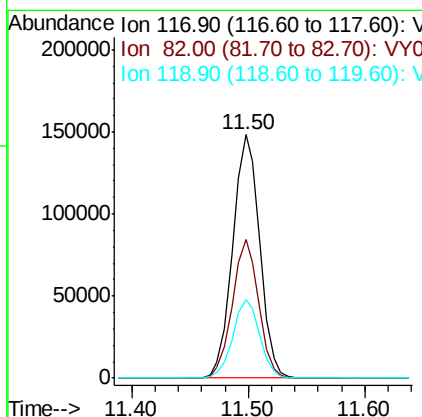
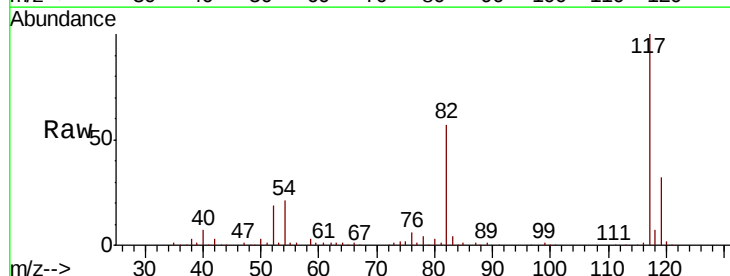
Instrument :
MSVOA_Y
ClientSampleId :
SPARTA-TSB

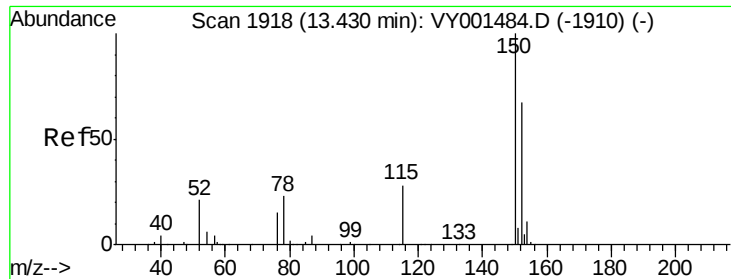
Tot Ion: 95 Resp: 94780
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.4
176 73.6 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY001585.D
Acq: 10 Feb 2020 14:57

Tgt Ion: 117 Resp: 238473
Ion Ratio Lower Upper
117 100
82 56.9 46.1 69.1
119 32.0 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY001585.D

Acq: 10 Feb 2020 14:57

Instrument :

MSVOA_Y

ClientSampleId :

SPARTA-TSB

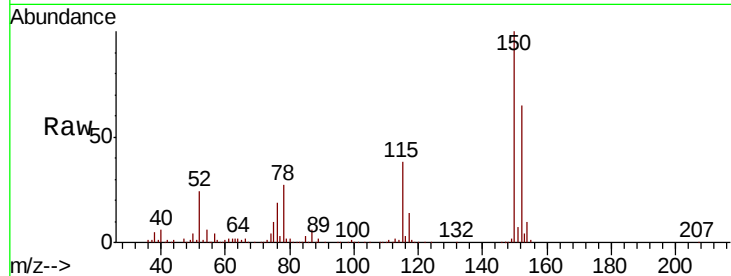
Tot Ion:152 Resp: 76219

Ion Ratio Lower Upper

152 100

115 58.7 31.4 94.3

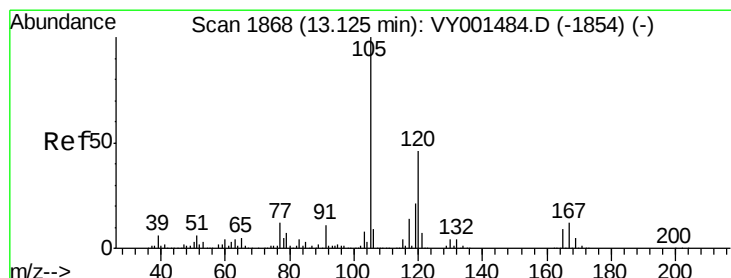
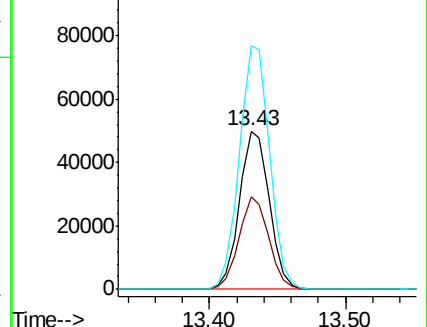
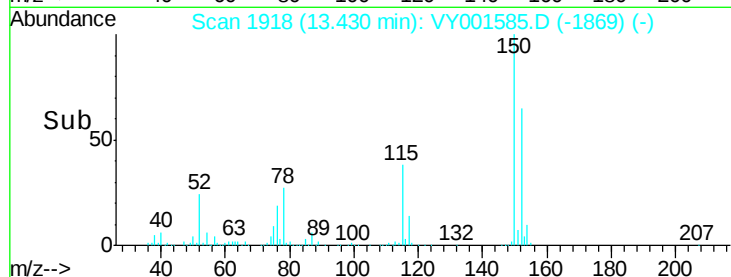
150 155.8 0.0 346.8



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



#84

1,2,4-Trimethylbenzene

Concen: 1.484 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VY001585.D

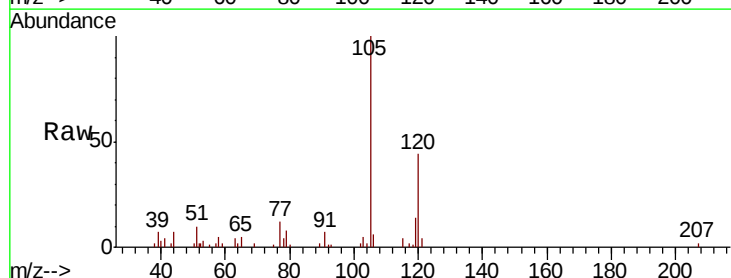
Acq: 10 Feb 2020 14:57

Tgt Ion:105 Resp: 7190

Ion Ratio Lower Upper

105 100

120 46.6 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

