

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021020\
 Data File : VY001587.D
 Acq On : 10 Feb 2020 15:48
 Operator : SY/MD
 Sample : L1452-01RE
 Misc : 4.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPARTA-TSBRE

Quant Time: Feb 11 06:16:33 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

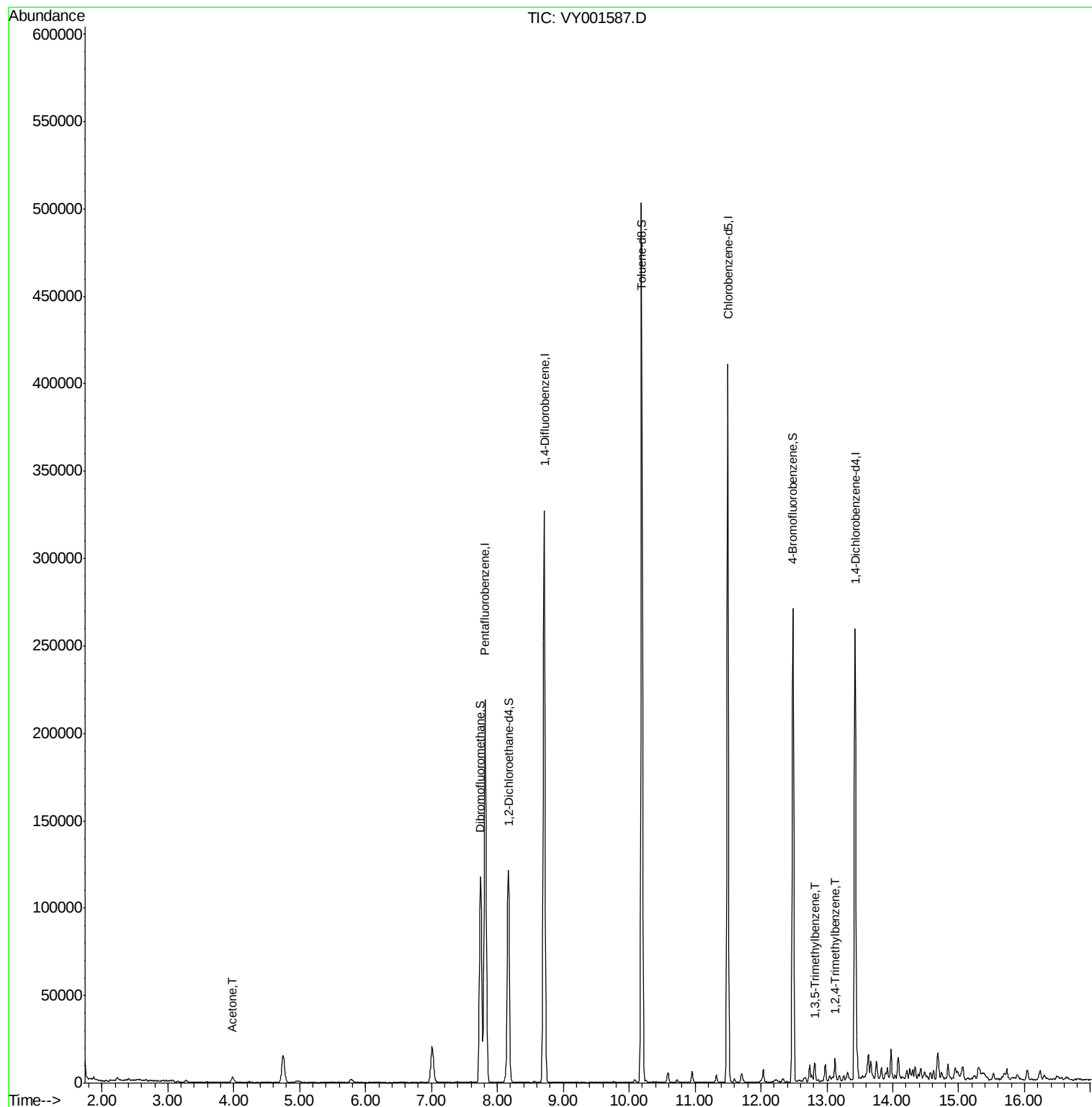
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	164634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	219775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	63828	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	91798	55.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.76%	
35) Dibromofluoromethane	7.74	113	84111	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	10.19	98	332512	52.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.48	95	84848	34.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.14%	
Target Compounds						
16) Acetone	3.98	43	5170	10.782	ug/l	95
80) 1,3,5-Trimethylbenzene	12.81	105	4140	1.010	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	6924	1.706	ug/l	96

(#) = 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: VY001587.D

Acq: 10 Feb 2020 15:48

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MSVOA_Y

ClientSampleId :

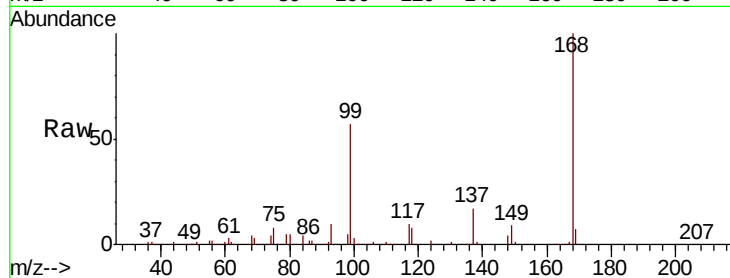
SPARTA-TSBRE

Tot Ion:168 Resp: 164634

Ion Ratio Lower Upper

168 100

99 57.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001587.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001587.D (-947) (-)

7.82

80000

60000

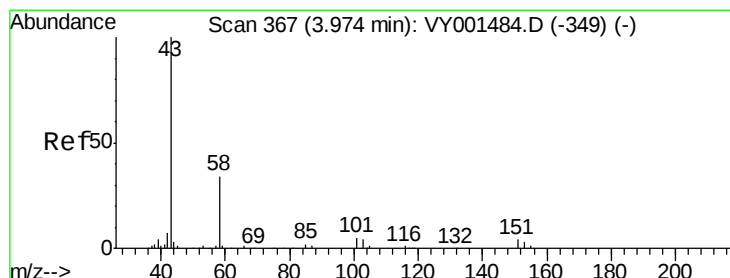
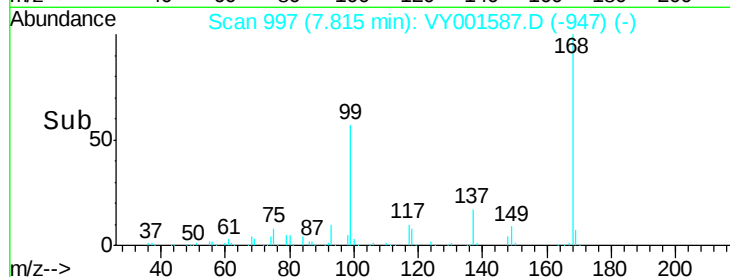
40000

20000

0

Time-->

7.70 7.80 7.90



#16

Acetone

Concen: 10.782 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001587.D

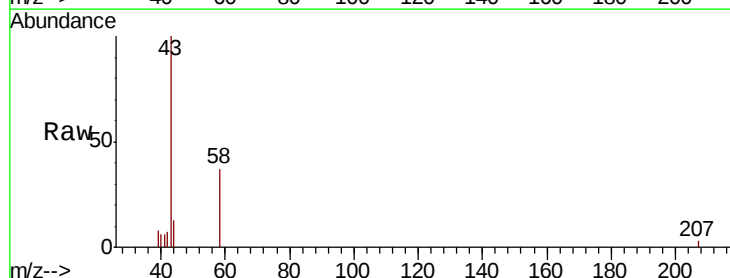
Acq: 10 Feb 2020 15:48

Tgt Ion: 43 Resp: 5170

Ion Ratio Lower Upper

43 100

58 37.1 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001587.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001587.D (-318) (-)

3.98

2000

1500

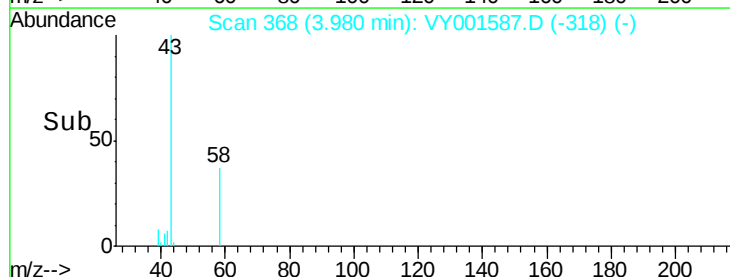
1000

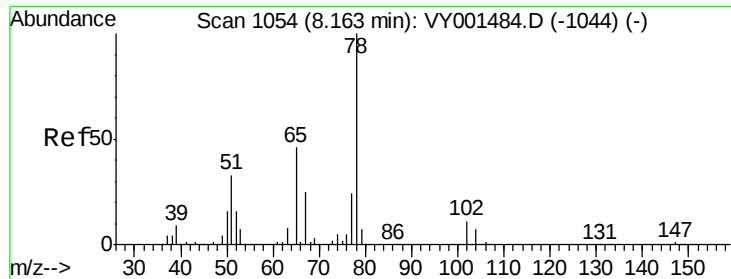
500

0

Time-->

3.90 4.00 4.10

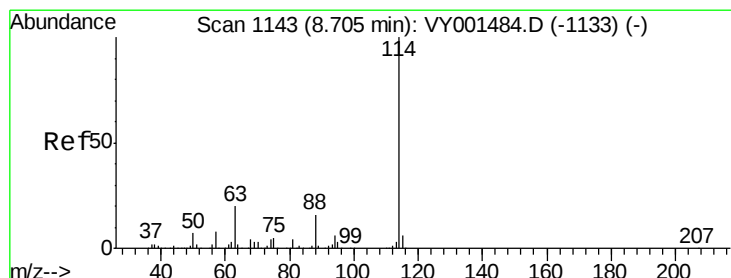
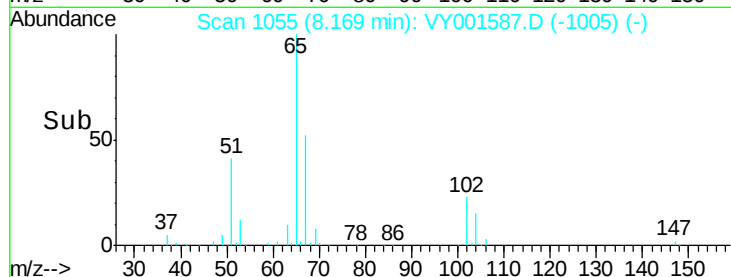
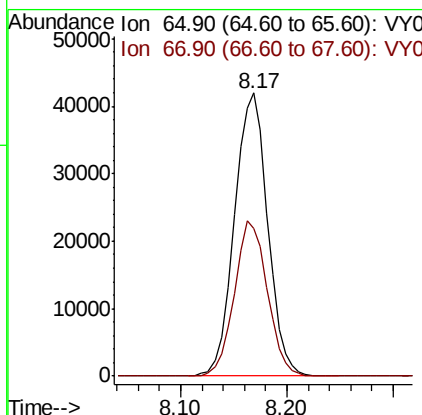
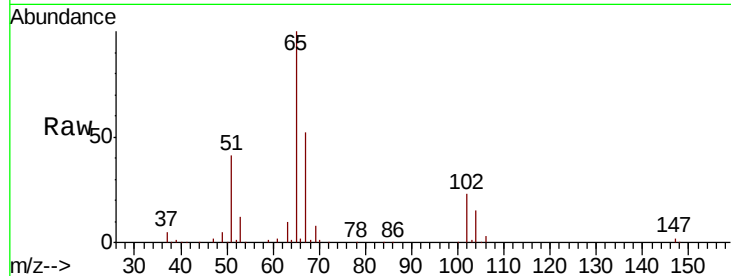




#33
 1,2-Dichloroethane-d4
 Concen: 55.379 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY001587.D
 Acq: 10 Feb 2020 15:48

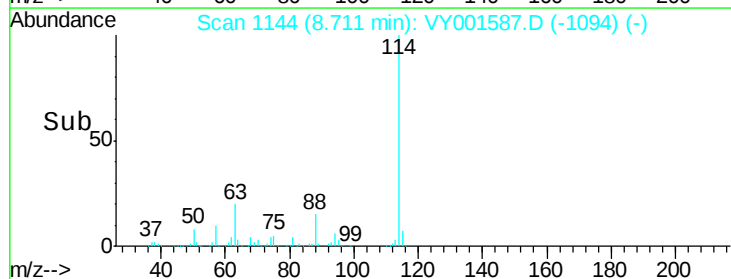
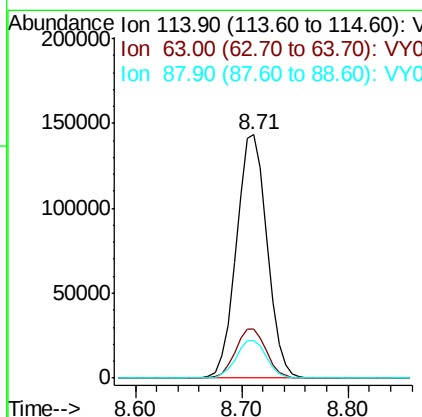
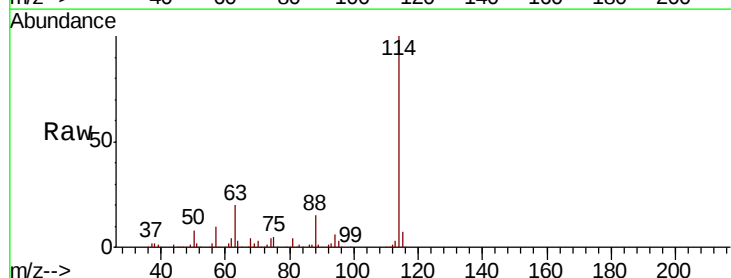
Instrument :
 MSVOA_Y
 ClientSampleId :
 SPARTA-TSBRE

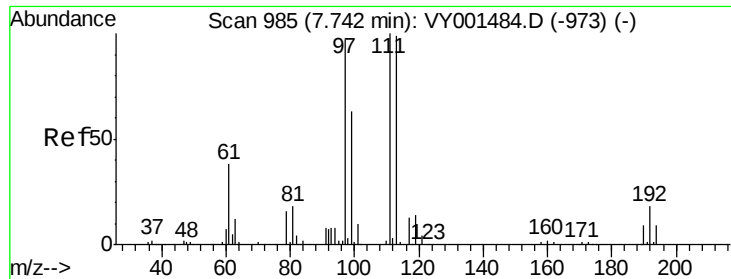
Tot Ion: 65 Resp: 91798
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001587.D
 Acq: 10 Feb 2020 15:48

Tgt Ion: 114 Resp: 289794
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 15.4 0.0 32.6

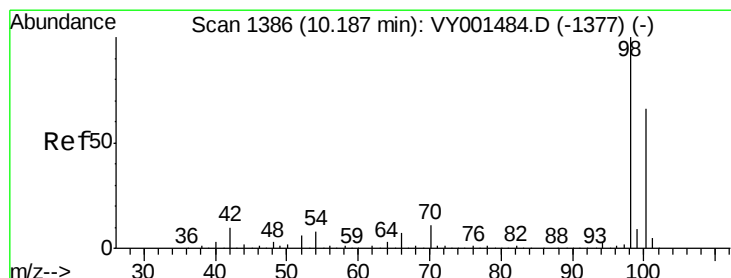
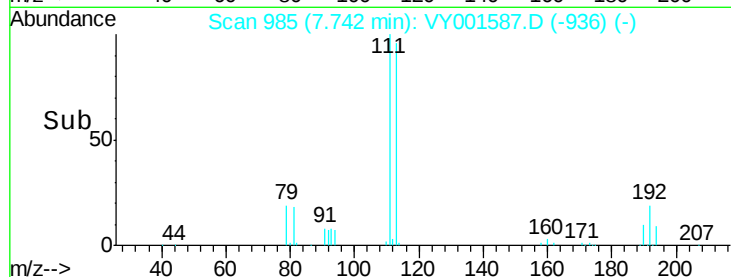
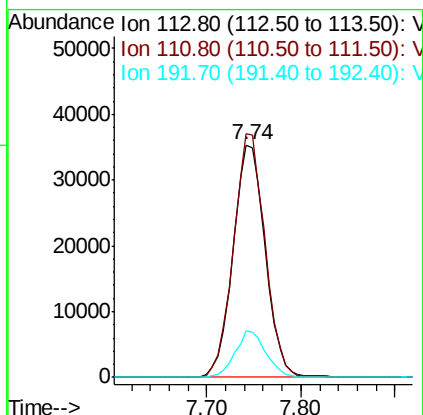
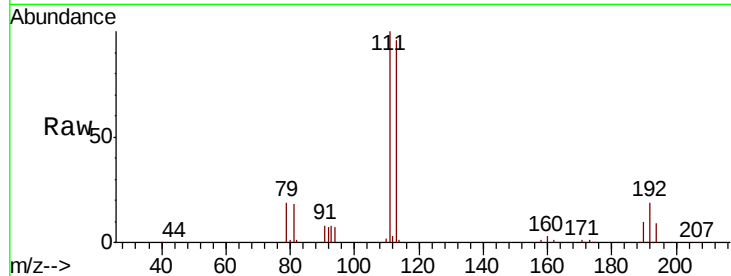




#35
 Dibromofluoromethane
 Concen: 50.333 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VY001587.D
 Acq: 10 Feb 2020 15:48

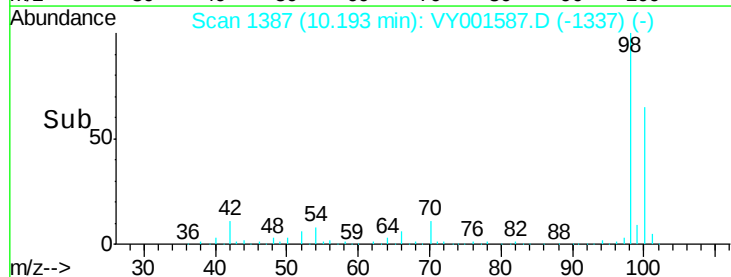
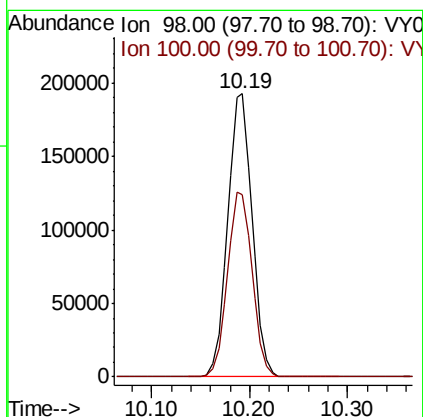
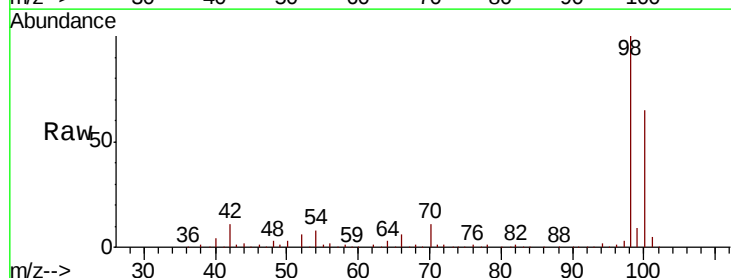
Instrument :
 MSVOA_Y
 ClientSampleId :
 SPARTA-TSBRE

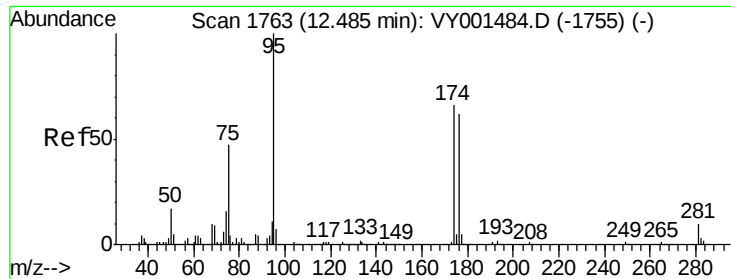
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	18.9	14.6	22.0



#50
 Toluene-d8
 Concen: 52.592 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: VY001587.D
 Acq: 10 Feb 2020 15:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6

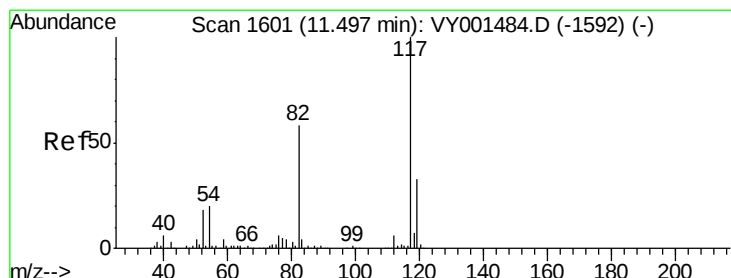
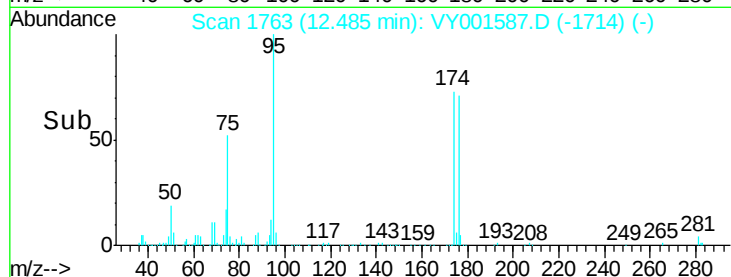
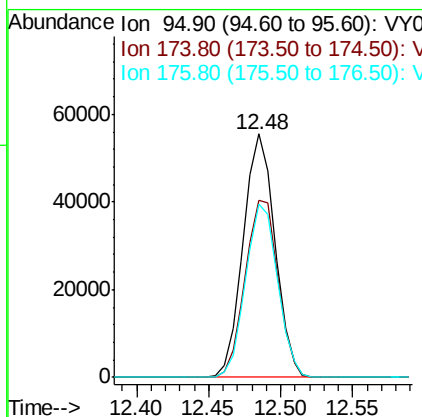
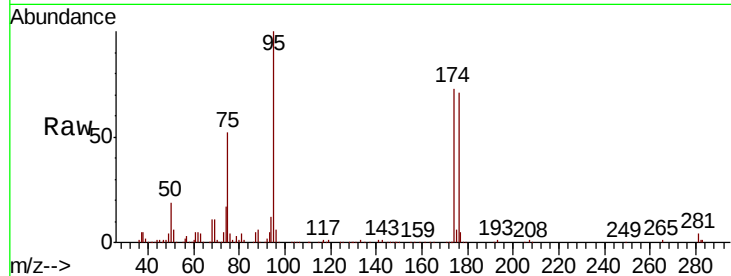




#62
4-Bromofluorobenzene
Concen: 34.066 ug/l
RT: 12.48 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001587.D
Acq: 10 Feb 2020 15:48

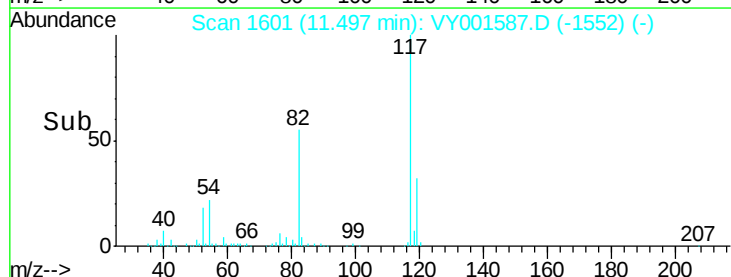
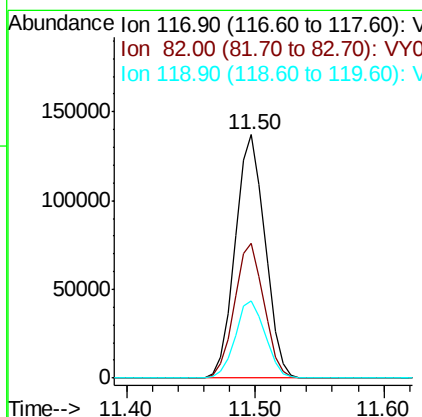
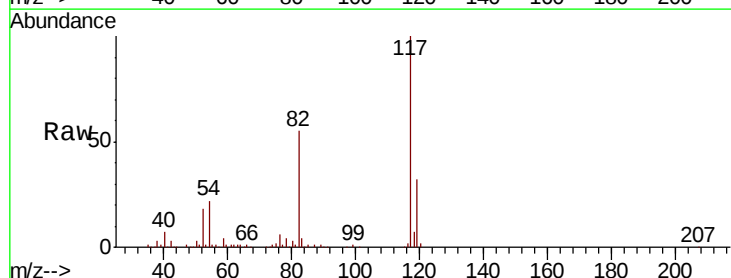
Instrument :
MSVOA_Y
ClientSampleId :
SPARTA-TSBRE

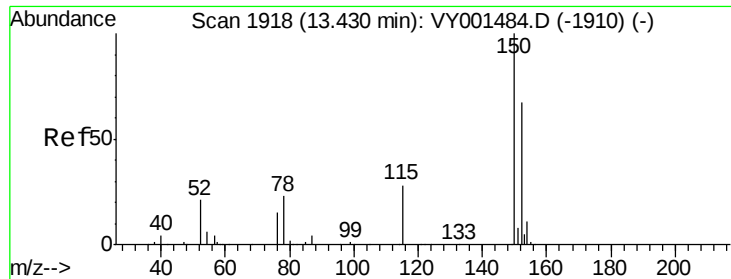
Tot Ion: 95 Resp: 84848
Ion Ratio Lower Upper
95 100
174 75.1 0.0 141.4
176 71.5 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001587.D
Acq: 10 Feb 2020 15:48

Tgt Ion: 117 Resp: 219775
Ion Ratio Lower Upper
117 100
82 55.3 46.1 69.1
119 31.8 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: VY001587.D

Acq: 10 Feb 2020 15:48

Instrument :

MSVOA_Y

ClientSampleId :

SPARTA-TSBRE

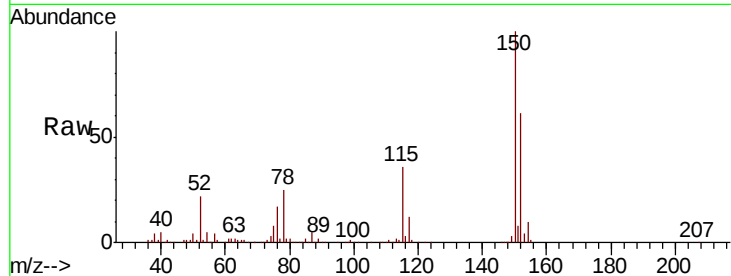
Tot Ion:152 Resp: 63828

Ion Ratio Lower Upper

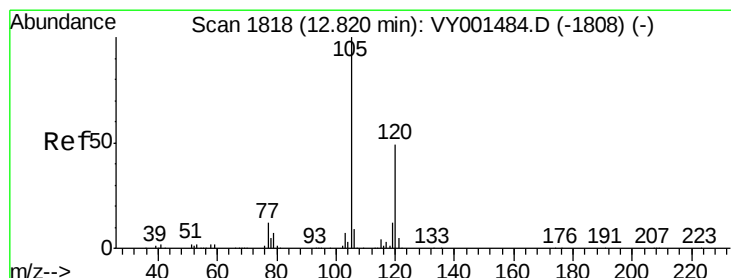
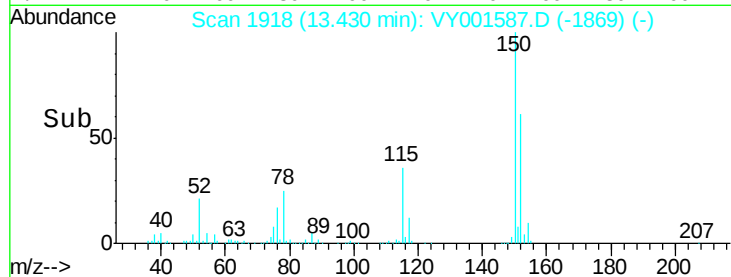
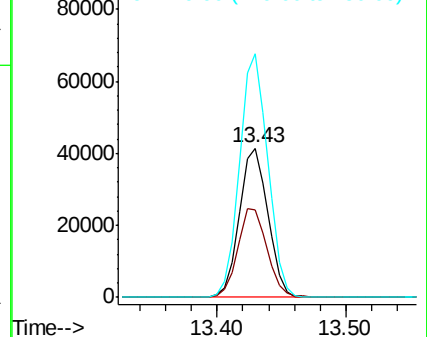
152 100

115 61.1 31.4 94.3

150 161.0 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



#80

1,3,5-Trimethylbenzene

Concen: 1.010 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001587.D

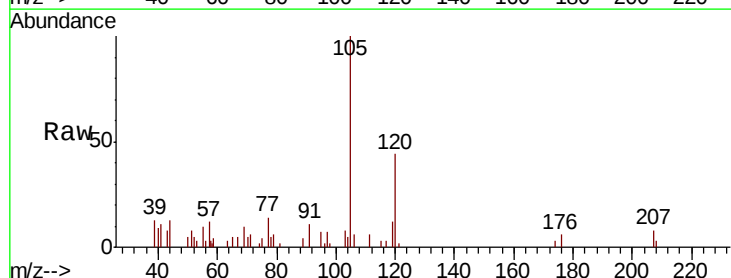
Acq: 10 Feb 2020 15:48

Tgt Ion:105 Resp: 4140

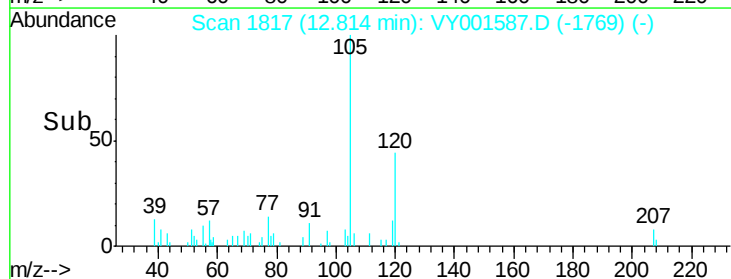
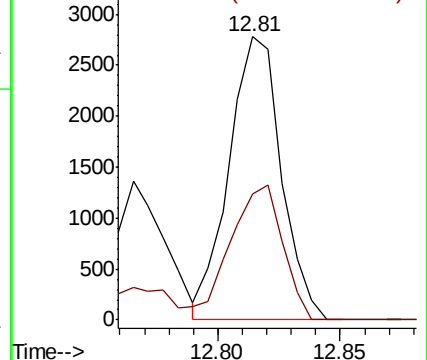
Ion Ratio Lower Upper

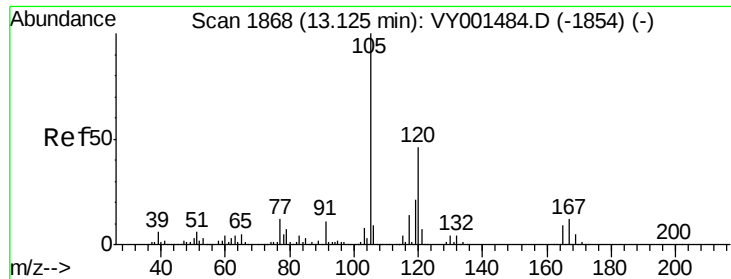
105 100

120 48.1 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#84
 1,2,4-Trimethylbenzene
 Concen: 1.706 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VY001587.D
 Acq: 10 Feb 2020 15:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPARTA-TSBRE

Tot Ion:105 Resp: 6924
 Ion Ratio Lower Upper
 105 100
 120 47.3 22.4 67.0

