

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000616.D
 Acq On : 08 Nov 2019 14:50
 Operator : SY/MD
 Sample : K5722-15
 Misc : 6.68G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2-B

Quant Time: Nov 11 06:05:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

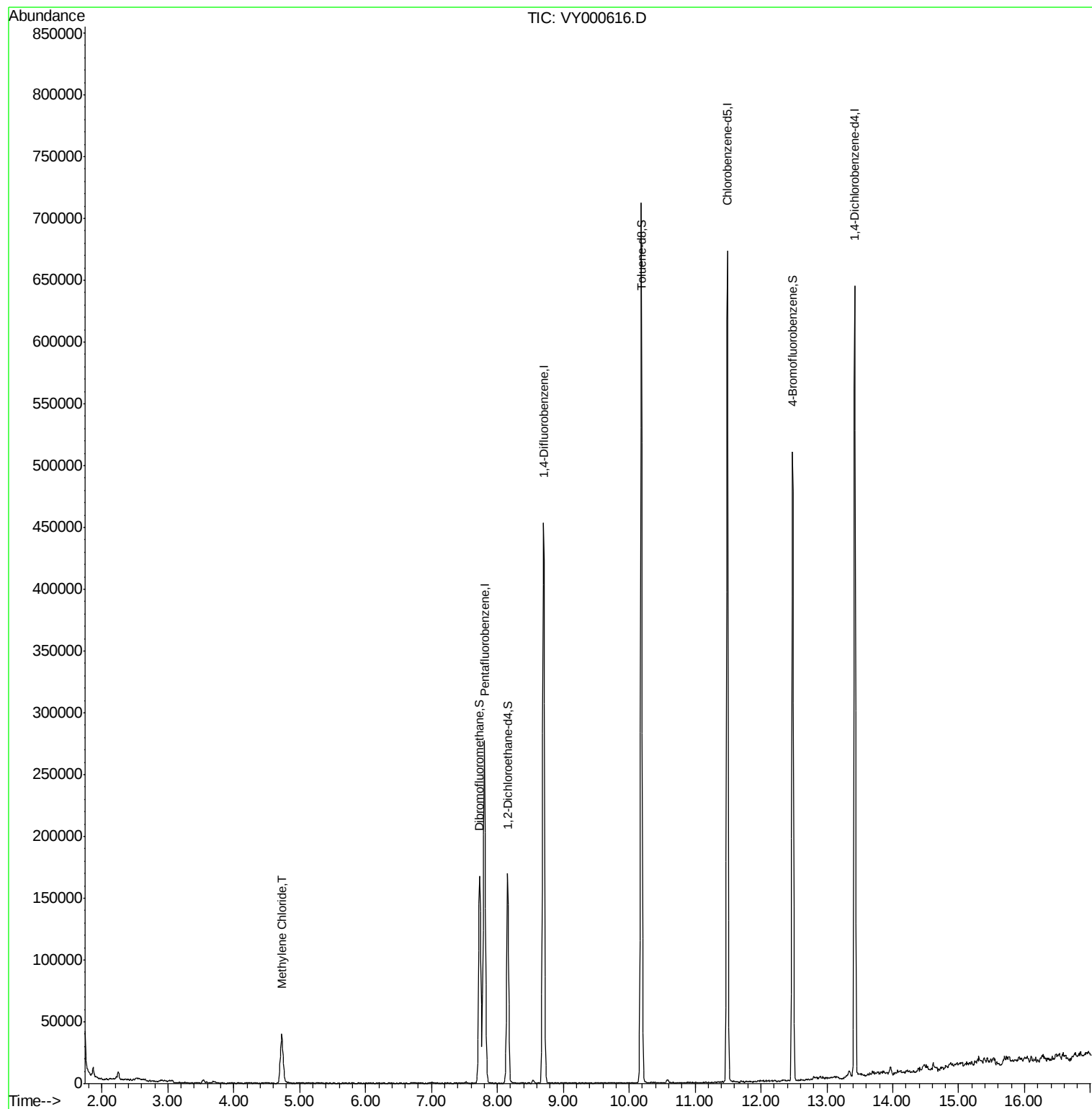
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	209253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	387765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	350781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	149190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	130013	60.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.08%	
35) Dibromofluoromethane	7.74	113	117260	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
50) Toluene-d8	10.18	98	458141	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
62) 4-Bromofluorobenzene	12.48	95	153899	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
Target Compounds						
20) Methylene Chloride	4.72	84	28807	11.264	ug/l	Qvalue 92

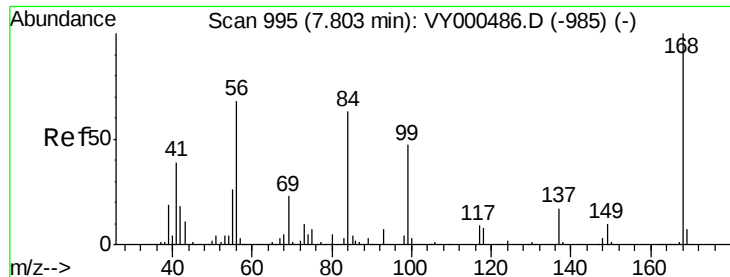
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000616.D

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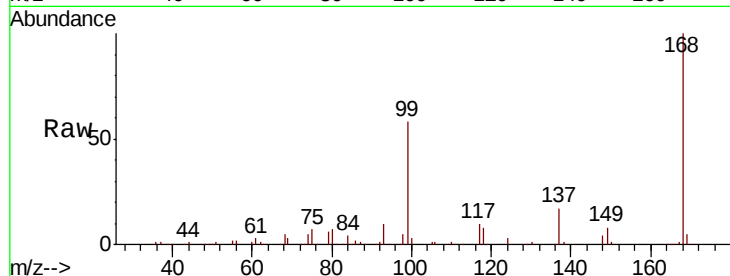
2-B

Tot Ion:168 Resp: 209253

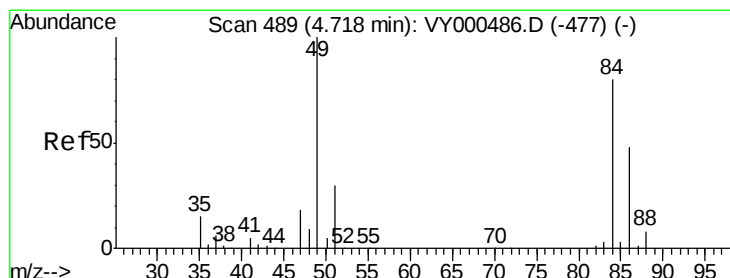
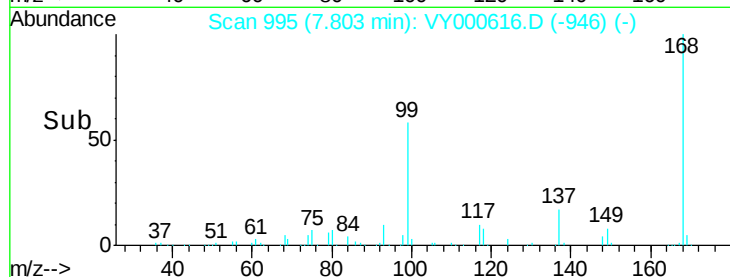
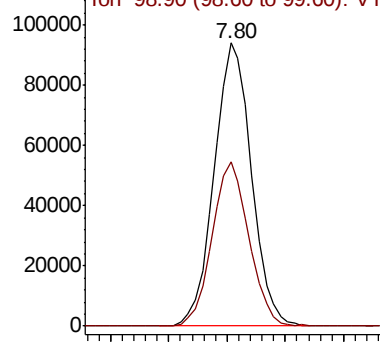
Ion Ratio Lower Upper

168 100

99 57.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)



#20

Methylene Chloride

Concen: 11.264 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000616.D

Acq: 08 Nov 2019 14:50

Tgt Ion: 84 Resp: 28807

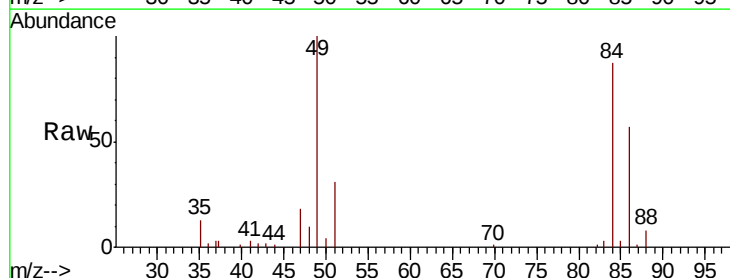
Ion Ratio Lower Upper

84 100

49 114.4 100.2 150.4

51 35.1 29.6 44.4

86 65.7 48.3 72.5

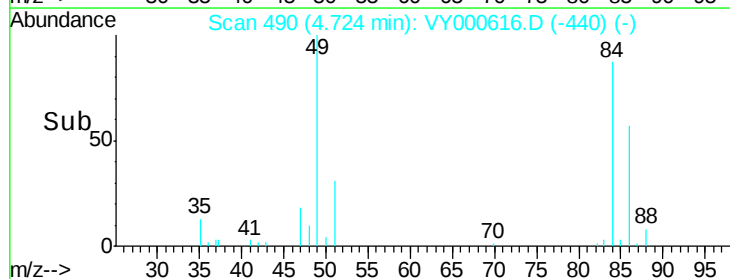
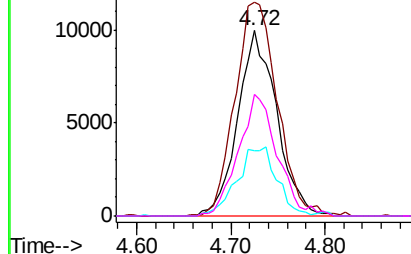


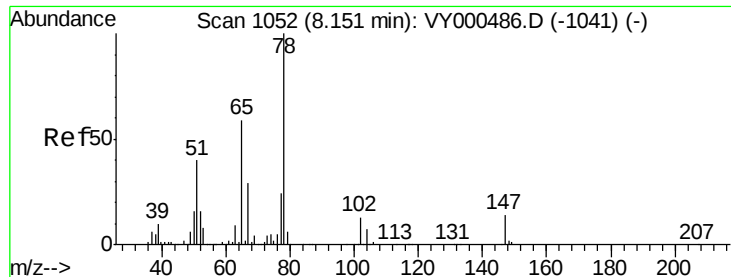
Abundance Ion 83.90 (83.60 to 84.60): VY000486.D (-477) (-)

Ion 48.90 (48.60 to 49.60): VY000486.D (-477) (-)

Ion 50.90 (50.60 to 51.60): VY000486.D (-477) (-)

Ion 85.90 (85.60 to 86.60): VY000486.D (-477) (-)





#33

1,2-Dichloroethane-d4

Concen: 60.038 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000616.D

Acq: 08 Nov 2019 14:50

Instrument :

MSVOA_Y

ClientSampleId :

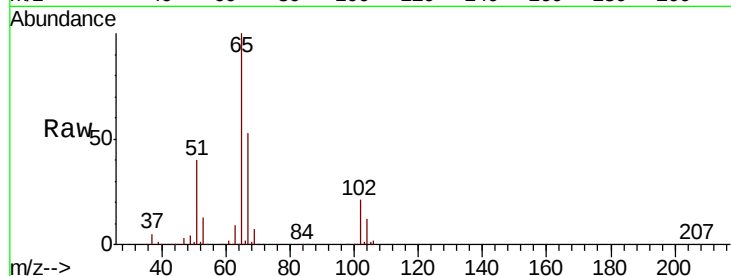
2-B

Tot Ion: 65 Resp: 130013

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

8.16

60000

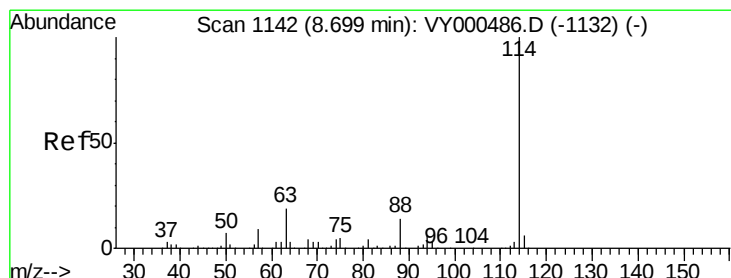
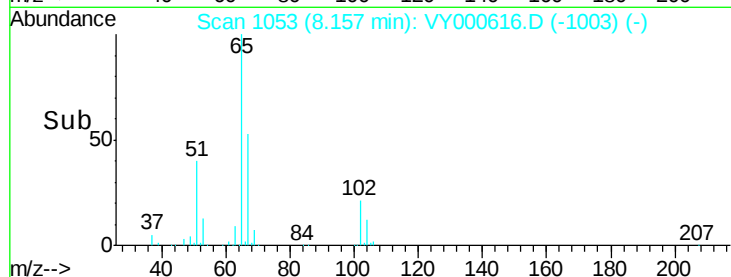
40000

20000

0

Time-->

8.05 8.10 8.15 8.20 8.25



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY000616.D

Acq: 08 Nov 2019 14:50

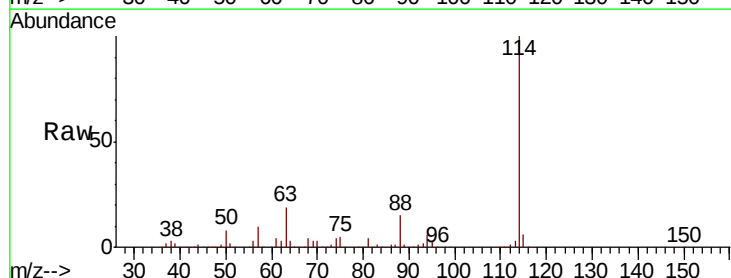
Tgt Ion: 114 Resp: 387765

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.0

88 14.9 0.0 28.6



Abundance Ion 113.90 (113.60 to 114.60): VY000486.D (-1132) (-)

Ion 63.00 (62.70 to 63.70): VY000486.D (-1132) (-)

Ion 87.90 (87.60 to 88.60): VY000486.D (-1132) (-)

8.70

250000

200000

150000

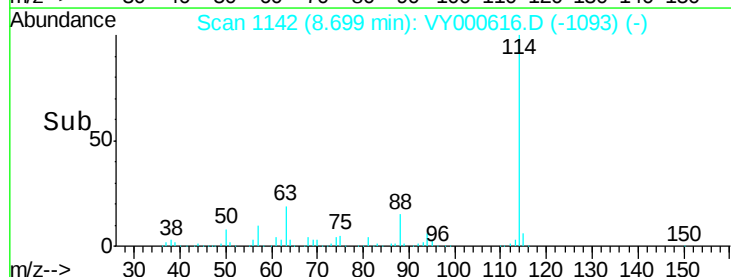
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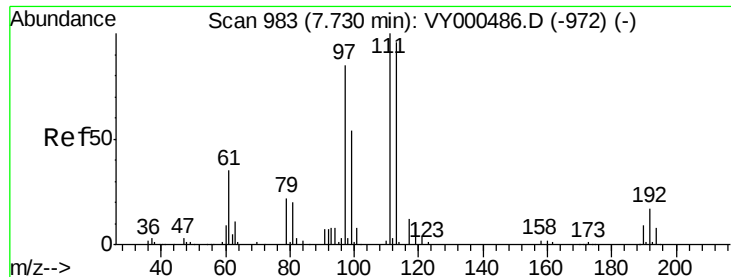
50000

0

Time-->

8.60 8.65 8.70 8.75 8.80

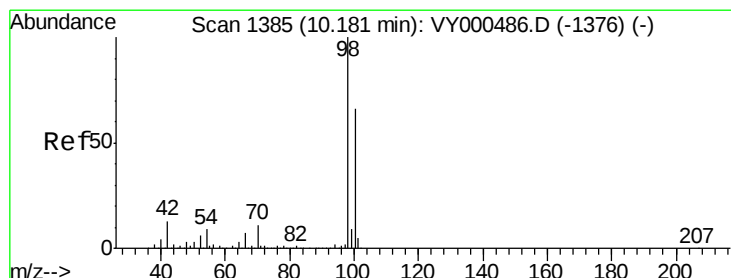
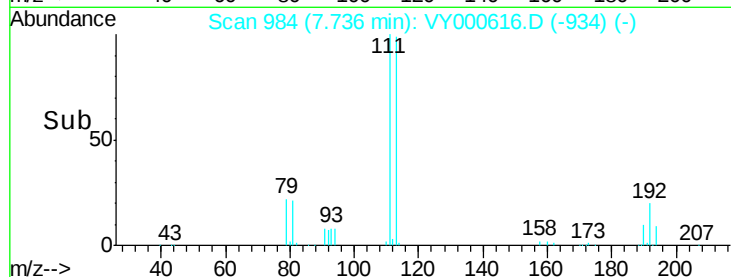
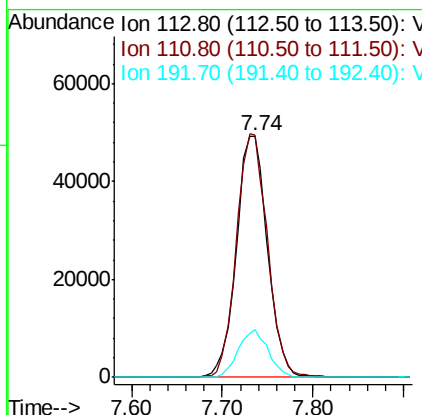
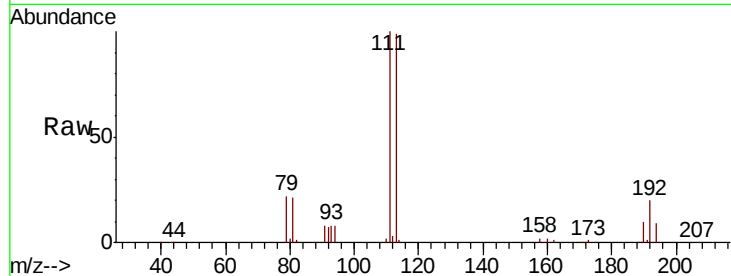




#35
 Dibromofluoromethane
 Concen: 51.510 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000616.D
 Acq: 08 Nov 2019 14:50

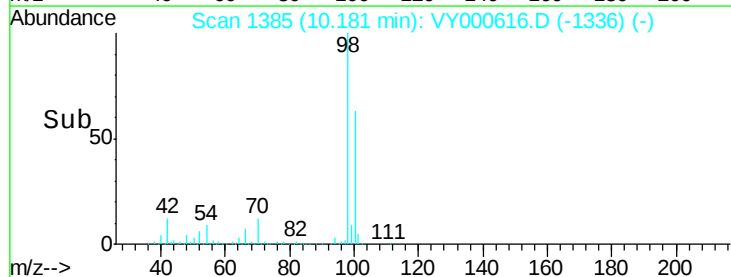
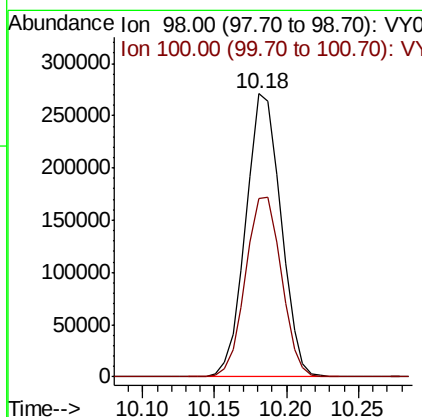
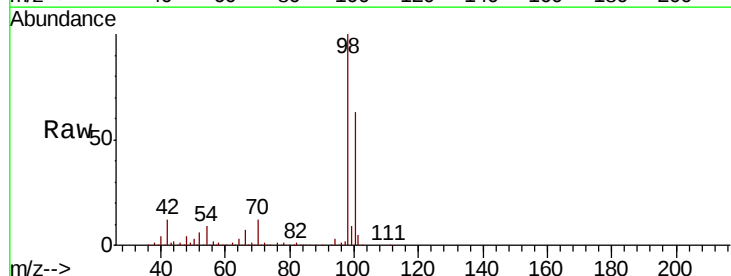
Instrument :
 MSVOA_Y
 ClientSampleId :
 2-B

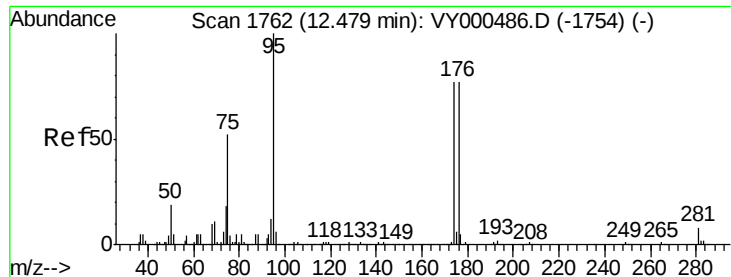
Tot Ion:113 Resp: 117260
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.7 122.5
 192 19.1 15.0 22.4



#50
 Toluene-d8
 Concen: 53.039 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000616.D
 Acq: 08 Nov 2019 14:50

Tgt Ion: 98 Resp: 458141
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.9 79.3

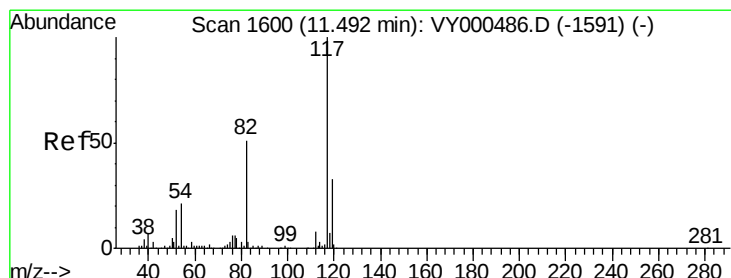
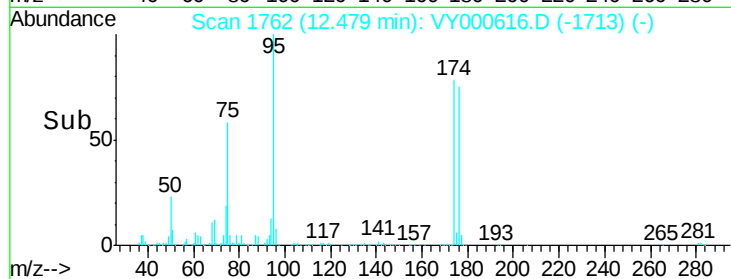
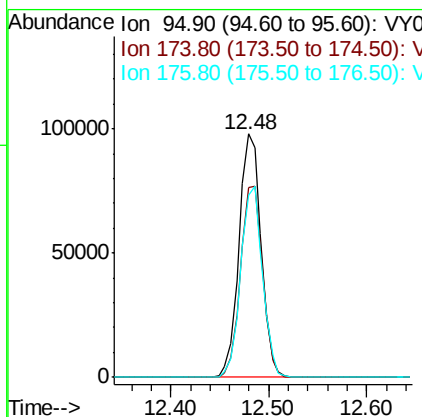
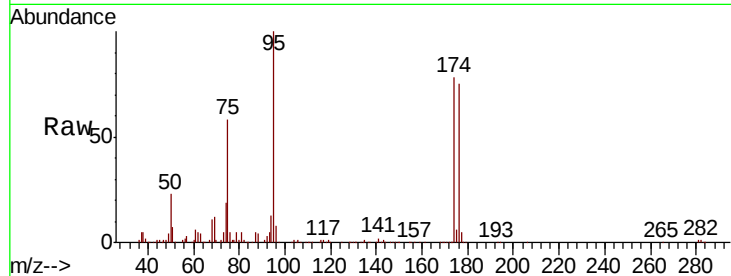




#62
4-Bromofluorobenzene
Concen: 46.801 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000616.D
Acq: 08 Nov 2019 14:50

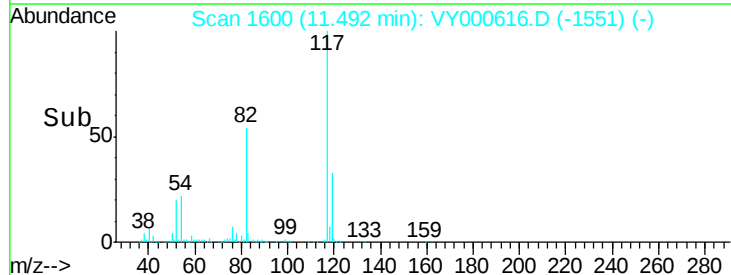
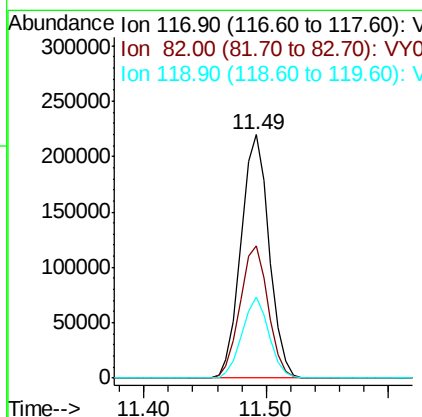
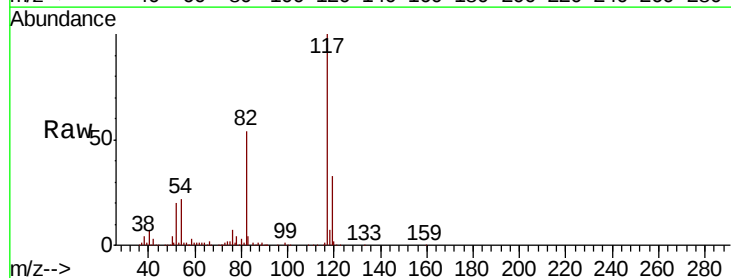
Instrument :
MSVOA_Y
ClientSampleId :
2-B

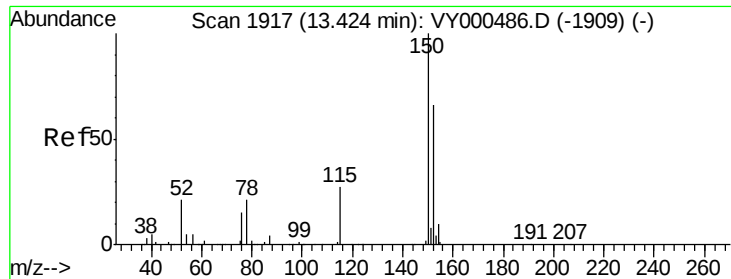
Tot Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	161.6
176	76.9	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000616.D
Acq: 08 Nov 2019 14:50

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.2	40.8	61.2
119	33.0	26.2	39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000616.D

Acq: 08 Nov 2019 14:50

Instrument :

MSVOA_Y

ClientSampleId :

2-B

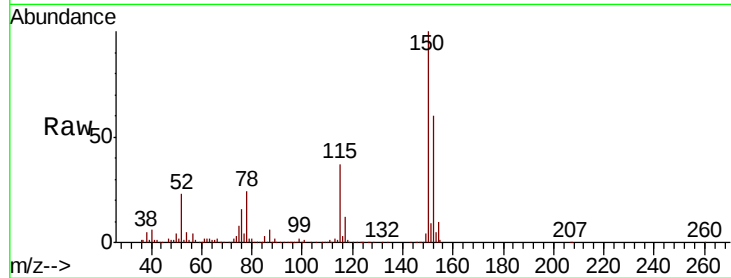
Tot Ion:152 Resp: 149190

Ion Ratio Lower Upper

152 100

115 59.7 29.1 87.4

150 161.1 0.0 348.8



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

