

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
 Data File : VY000696.D
 Acq On : 15 Nov 2019 13:23
 Operator : SY/MD
 Sample : K5861-04
 Misc : 5.90G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-4

Quant Time: Nov 16 03:00:21 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	191197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	354905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	343483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	172261	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	117383	59.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.66%	
35) Dibromofluoromethane	7.73	113	102718	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	10.18	98	428182	54.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.32%	
62) 4-Bromofluorobenzene	12.48	95	160617	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	

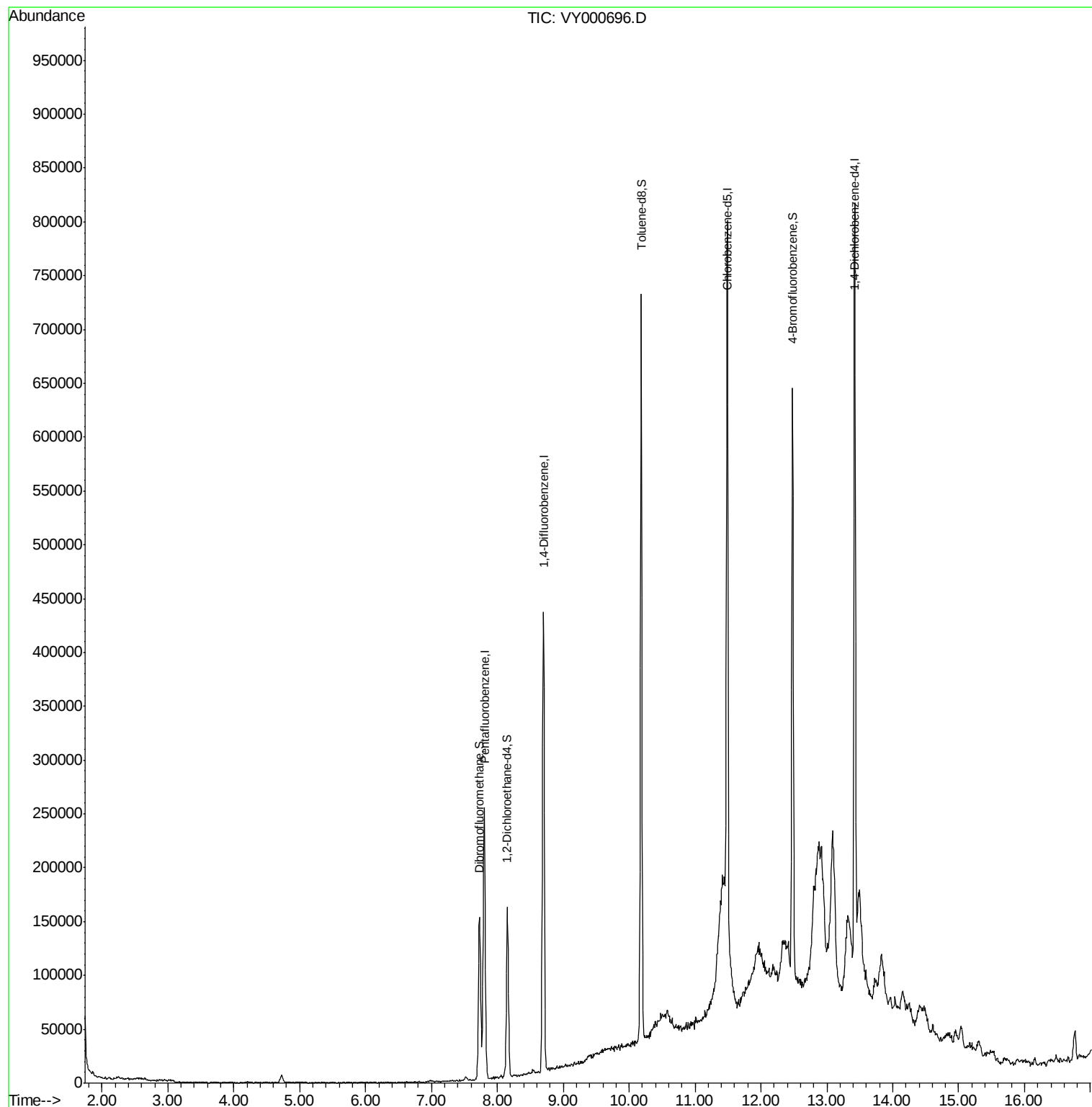
Target Compounds	Qvalue

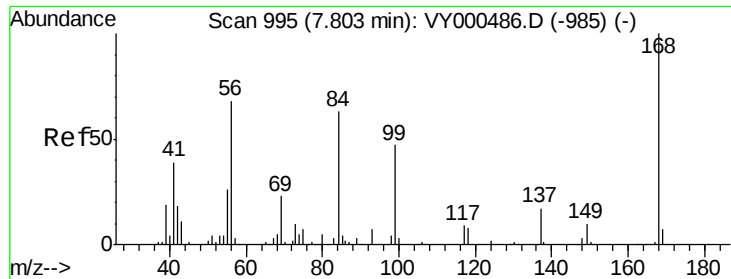
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000696.D

Acq: 15 Nov 2019 13:23

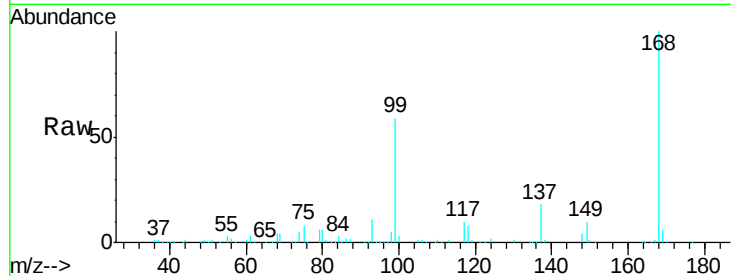
Instrument :
MSVOA_Y
ClientSampleId :
EP-4

Tgt Ion:168 Resp: 191197

Ion Ratio Lower Upper

168 100

99 59.1 45.7 68.5



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

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

80000

60000

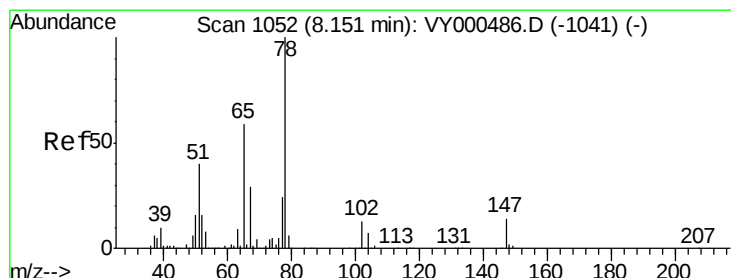
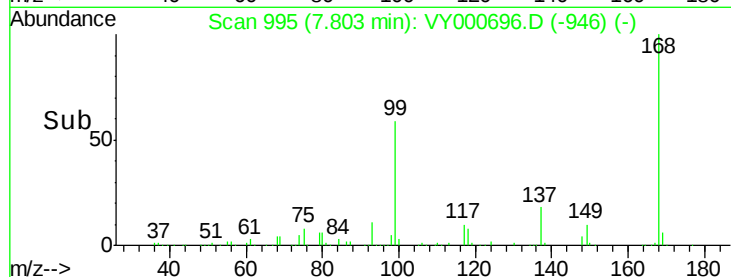
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.325 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000696.D

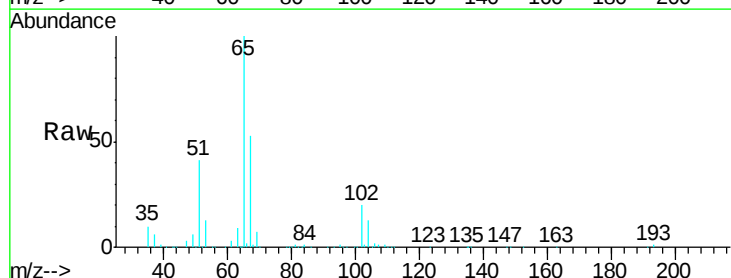
Acq: 15 Nov 2019 13:23

Tgt Ion: 65 Resp: 117383

Ion Ratio Lower Upper

65 100

67 53.1 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) (-)

8.15

60000

50000

40000

30000

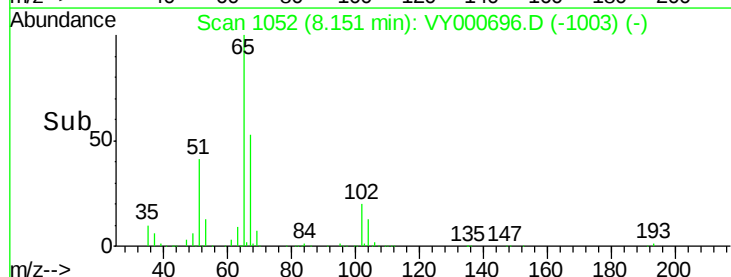
20000

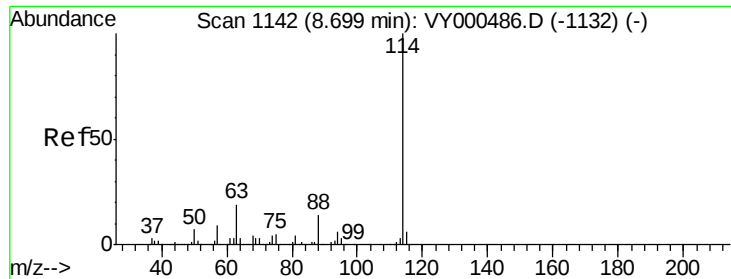
10000

0

8.00 8.10 8.20

Time-->

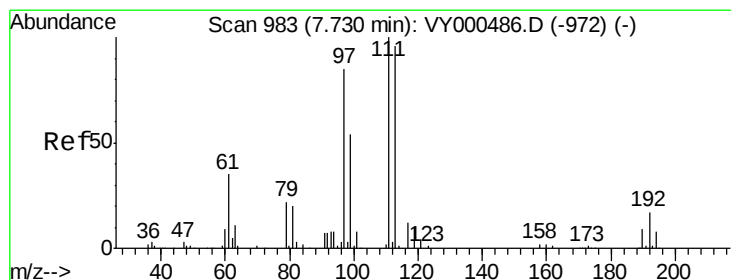
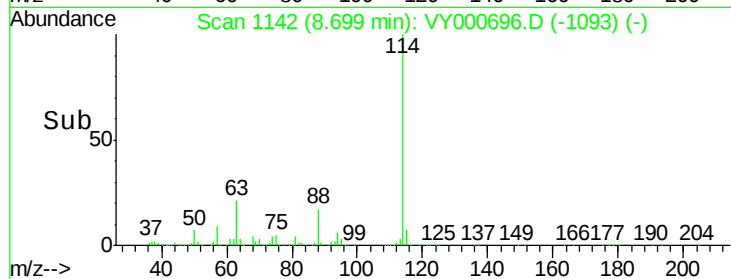
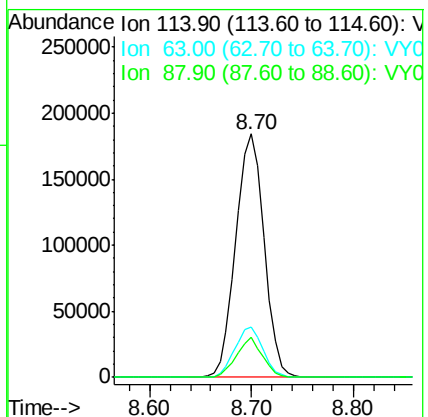
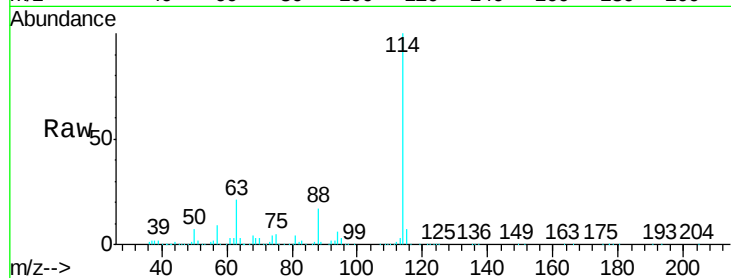




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000696.D
 Acq: 15 Nov 2019 13:23

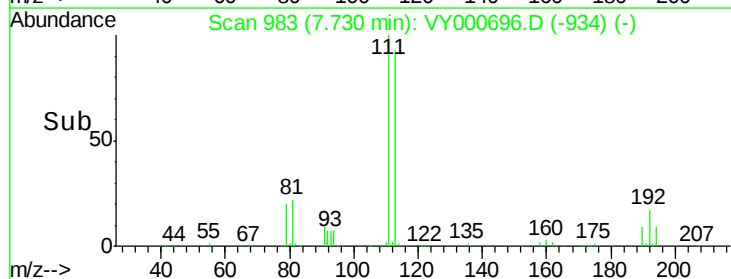
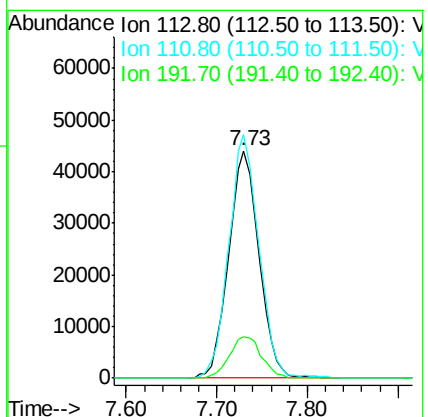
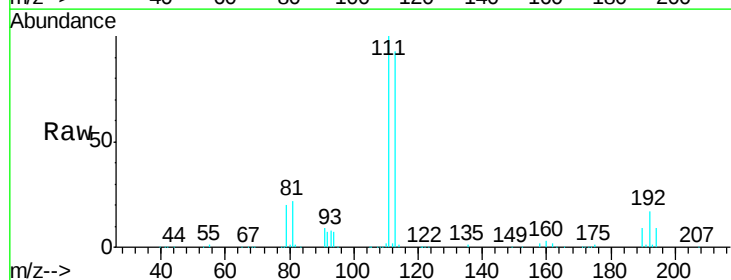
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-4

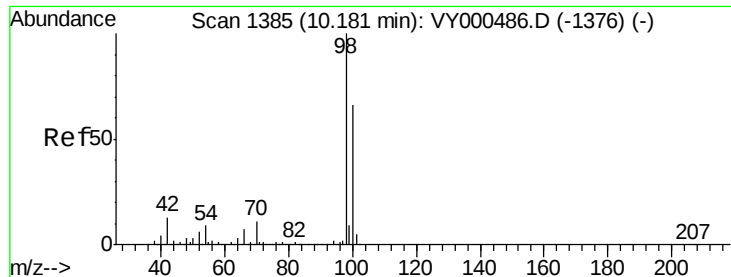
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	38.0
88	16.6	0.0	28.6



#35
 Dibromofluoromethane
 Concen: 49.300 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000696.D
 Acq: 15 Nov 2019 13:23

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.6	81.7	122.5
192	19.2	15.0	22.4





#50

Toluene-d8

Concen: 54.160 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000696.D

Acq: 15 Nov 2019 13:23

Instrument :

MSVOA_Y

ClientSampleId :

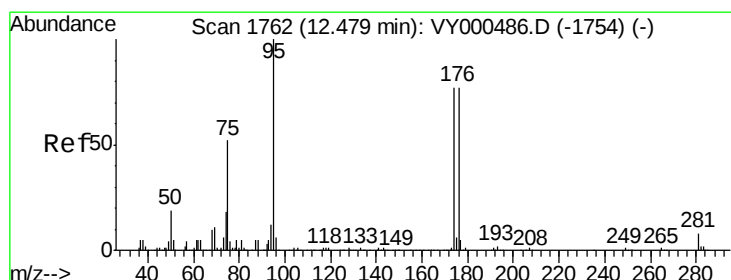
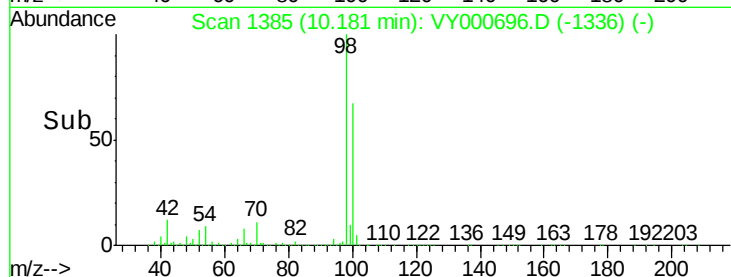
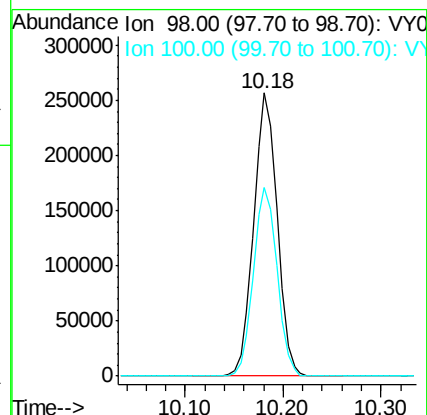
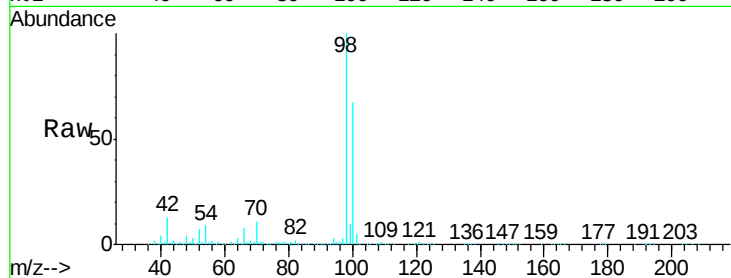
EP-4

Tgt Ion: 98 Resp: 428182

Ion Ratio Lower Upper

98 100

100 66.9 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 53.366 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000696.D

Acq: 15 Nov 2019 13:23

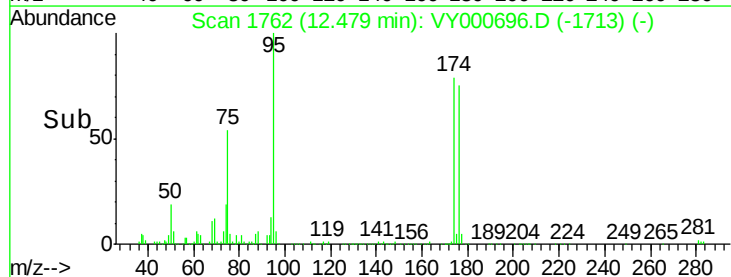
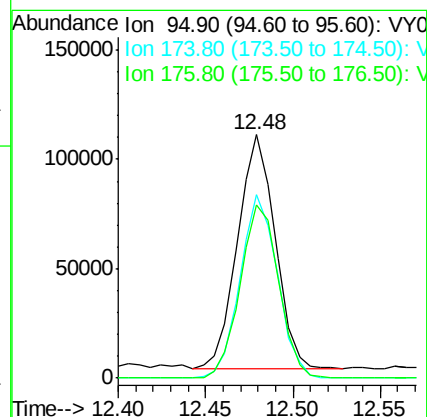
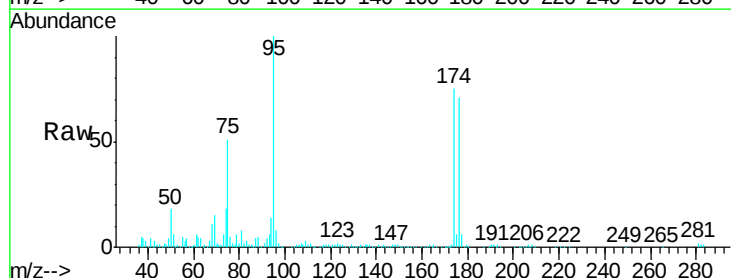
Tgt Ion: 95 Resp: 160617

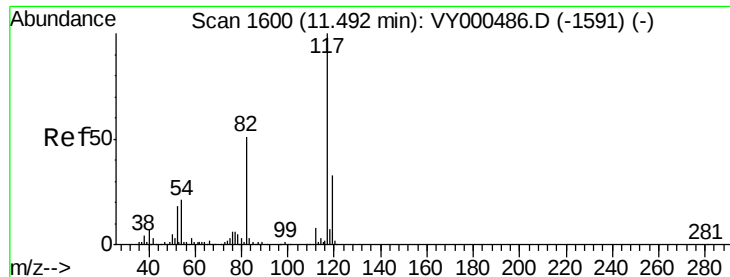
Ion Ratio Lower Upper

95 100

174 77.7 0.0 161.6

176 75.5 0.0 157.8

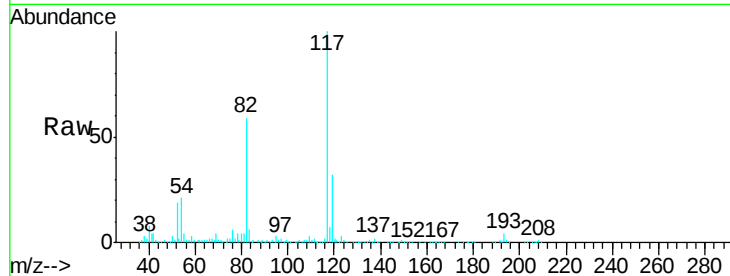




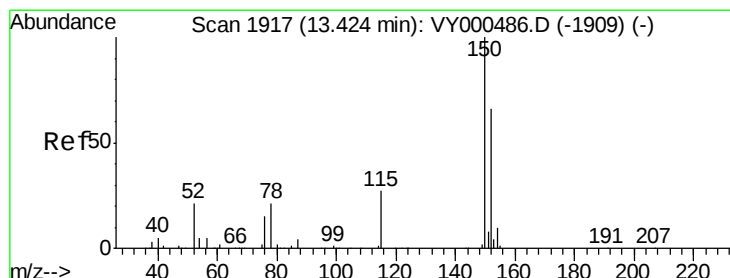
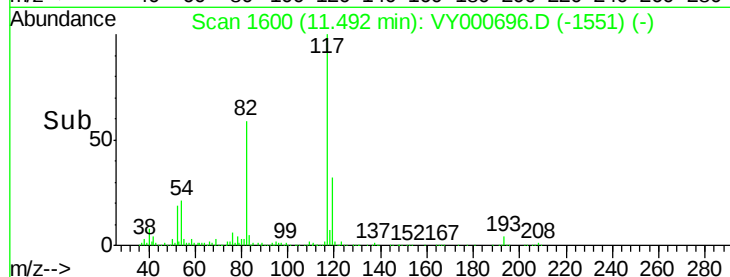
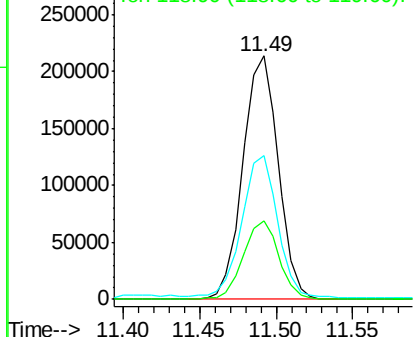
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000696.D
Acq: 15 Nov 2019 13:23

Instrument :
MSVOA_Y
ClientSampled :
EP-4

Tgt Ion:117 Resp: 343483
Ion Ratio Lower Upper
117 100
82 58.5 40.8 61.2
119 31.9 26.2 39.2

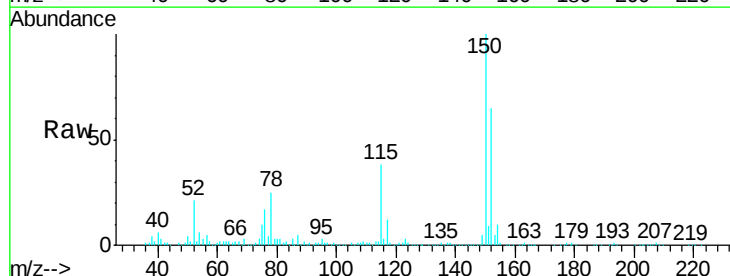


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000696.D
Acq: 15 Nov 2019 13:23

Tgt Ion:152 Resp: 172261
Ion Ratio Lower Upper
152 100
115 59.5 29.1 87.4
150 157.3 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

