

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
 Data File : VY000695.D
 Acq On : 15 Nov 2019 13:00
 Operator : SY/MD
 Sample : K5861-03
 Misc : 5.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-3

Quant Time: Nov 16 02:49:29 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

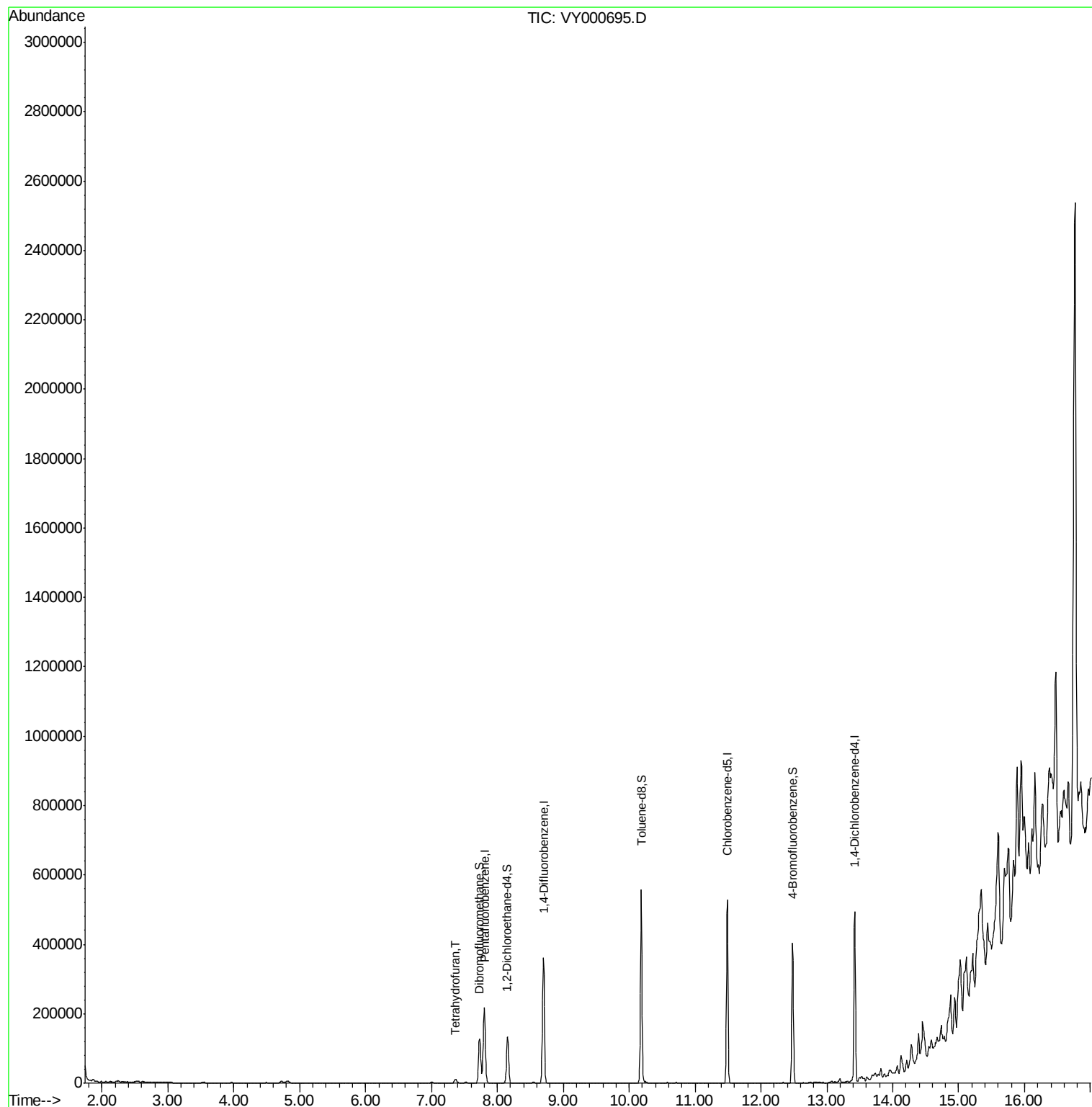
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	169401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	302771	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	276224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	116556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	103632	59.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.22%	
35) Dibromofluoromethane	7.73	113	90759	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	10.18	98	350756	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.48	95	116822	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
Target Compounds						
29) Tetrahydrofuran	7.36	42	9210	19.524	ug/l	Qvalue 100

(#) = 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: VY000695.D

Acq: 15 Nov 2019 13:00

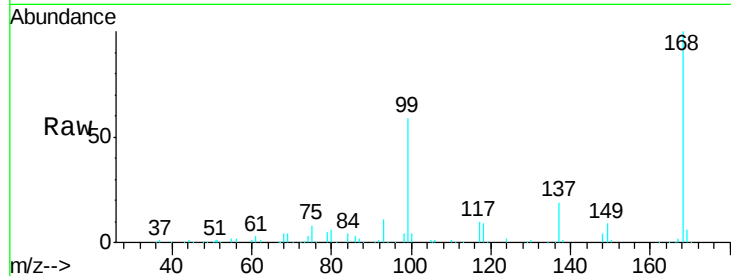
Instrument :
MSVOA_Y
ClientSampled :
EP-3

Tgt Ion: 168 Resp: 169401

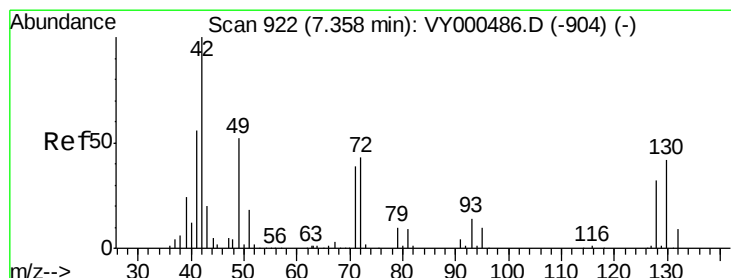
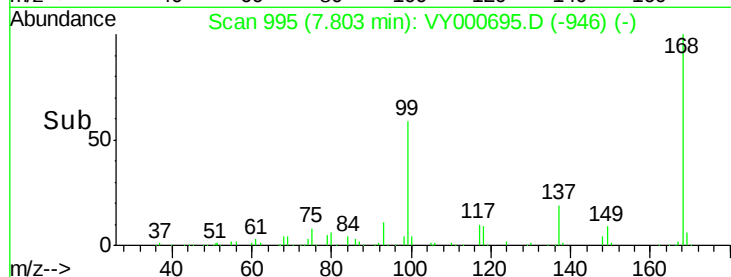
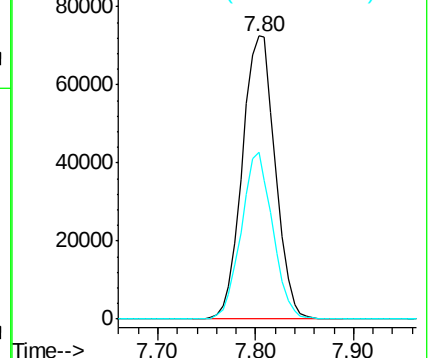
Ion Ratio Lower Upper

168 100

99 58.8 45.7 68.5



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



#29

Tetrahydrofuran

Concen: 19.524 ug/l

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: VY000695.D

Acq: 15 Nov 2019 13:00

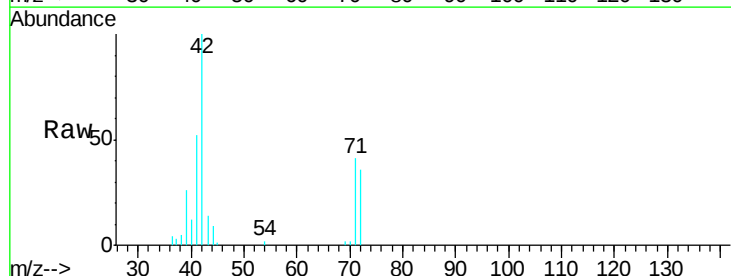
Tgt Ion: 42 Resp: 9210

Ion Ratio Lower Upper

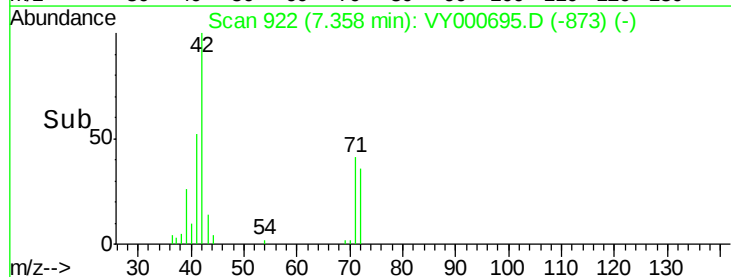
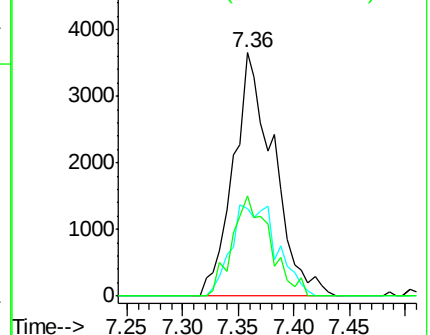
42 100

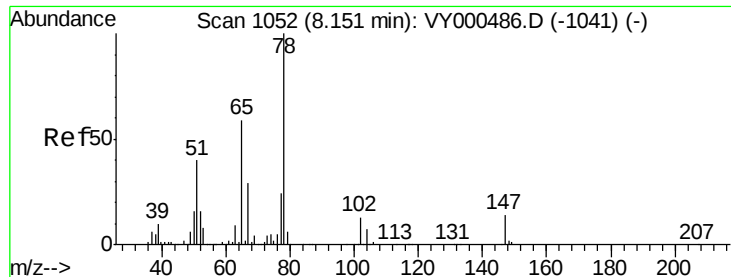
72 42.2 34.0 51.0

71 38.5 30.8 46.2



Abundance Ion 42.00 (41.70 to 42.70): VY000486.D (-904) (-)





#33

1,2-Dichloroethane-d4

Concen: 59.114 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000695.D

Acq: 15 Nov 2019 13:00

Instrument :

MSVOA_Y

ClientSampled :

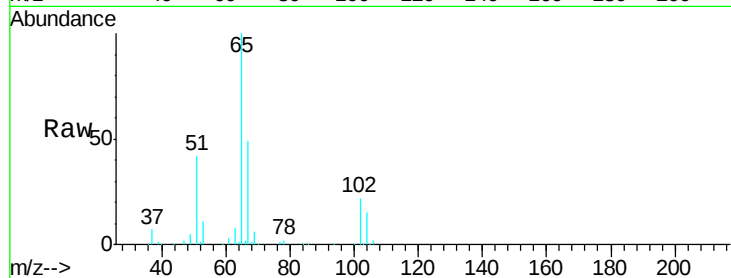
EP-3

Tgt Ion: 65 Resp: 103632

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.2

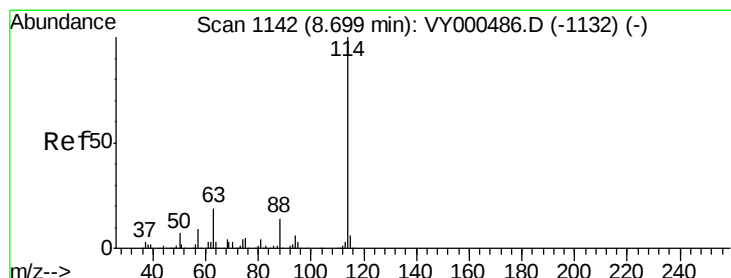
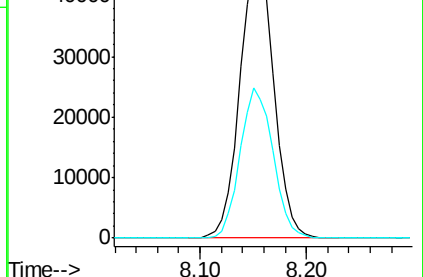
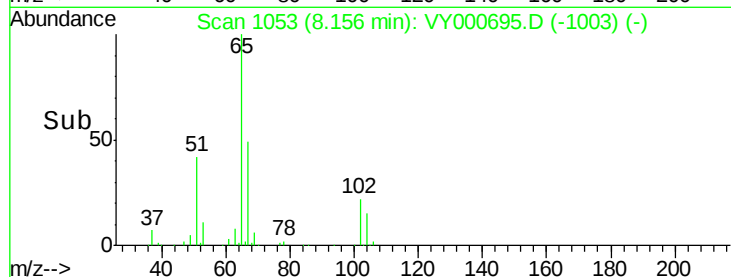


Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

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

8.16

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000695.D

Acq: 15 Nov 2019 13:00

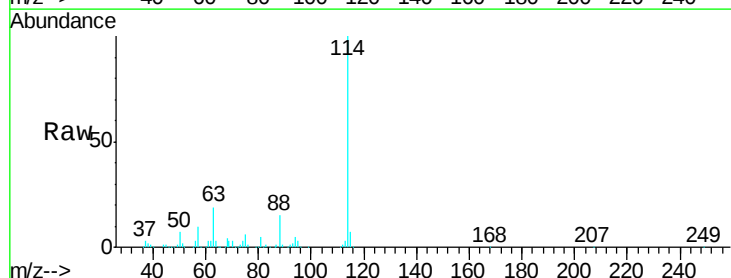
Tgt Ion: 114 Resp: 302771

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

88 14.8 0.0 28.6



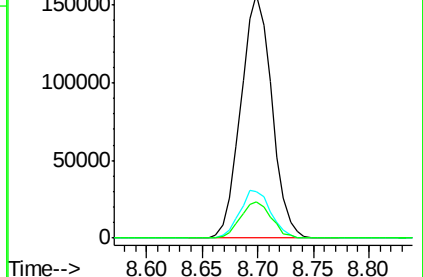
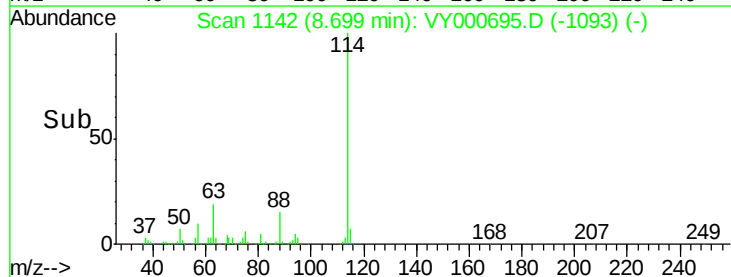
Abundance Ion 113.90 (113.60 to 114.60): VY000486.D (-1132) (-)

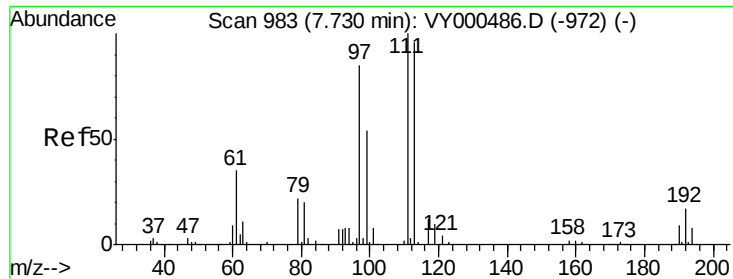
Ion 63.00 (62.70 to 63.70): VY000486.D (-1132) (-)

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

8.70

Time-->





#35

Dibromofluoromethane

Concen: 51.061 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000695.D

Acq: 15 Nov 2019 13:00

Instrument :

MSVOA_Y

ClientSampled :

EP-3

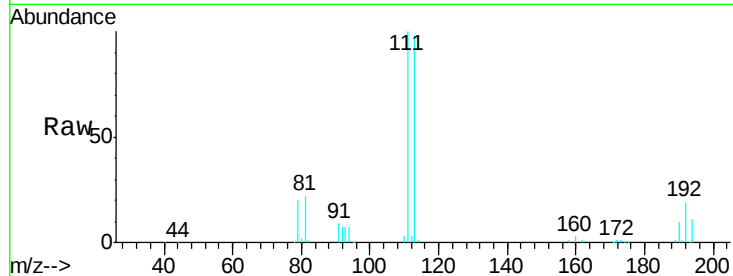
Tgt Ion:113 Resp: 90759

Ion Ratio Lower Upper

113 100

111 103.6 81.7 122.5

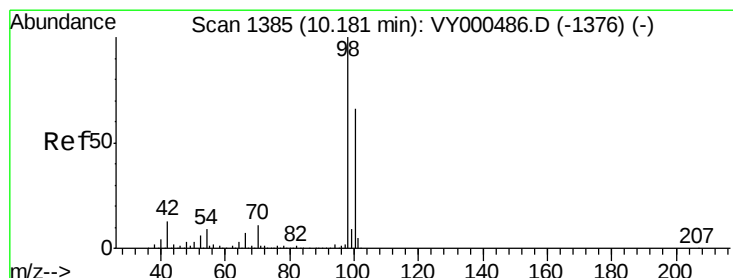
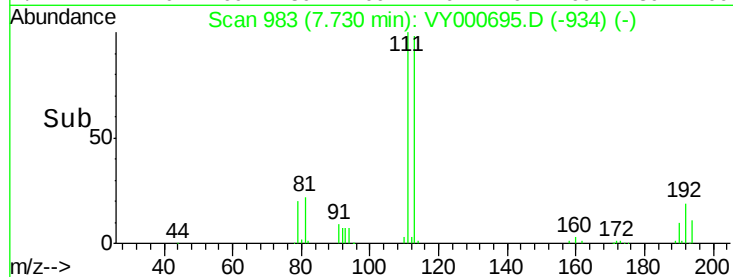
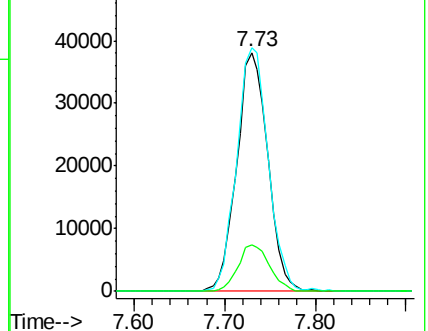
192 19.9 15.0 22.4



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: 52.006 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000695.D

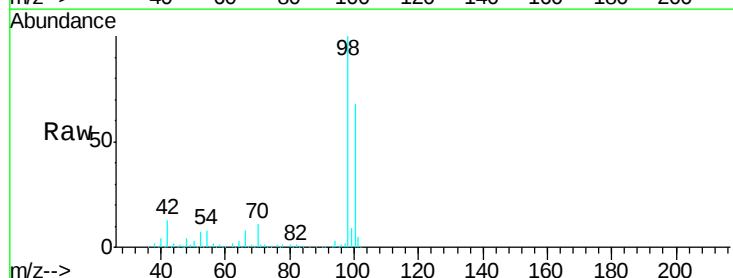
Acq: 15 Nov 2019 13:00

Tgt Ion: 98 Resp: 350756

Ion Ratio Lower Upper

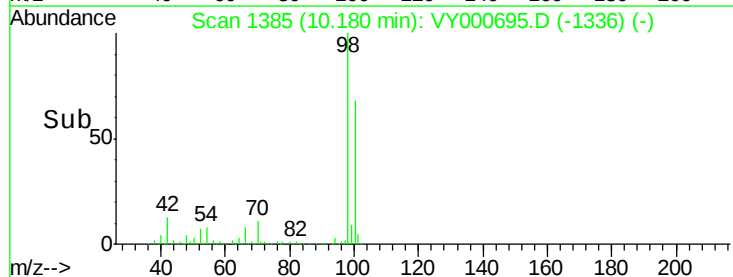
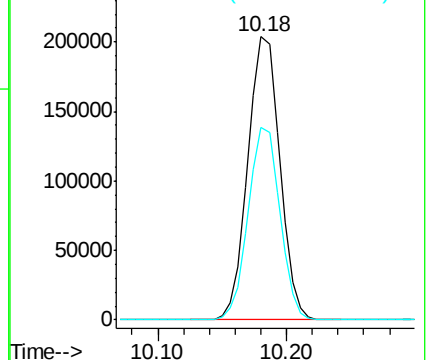
98 100

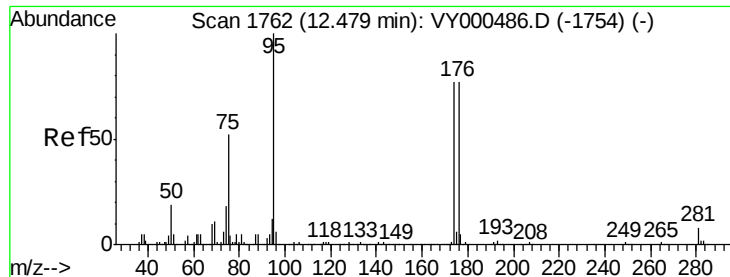
100 67.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#62

4-Bromofluorobenzene

Concen: 45.498 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000695.D

Acq: 15 Nov 2019 13:00

Instrument :

MSVOA_Y

ClientSampleId :

EP-3

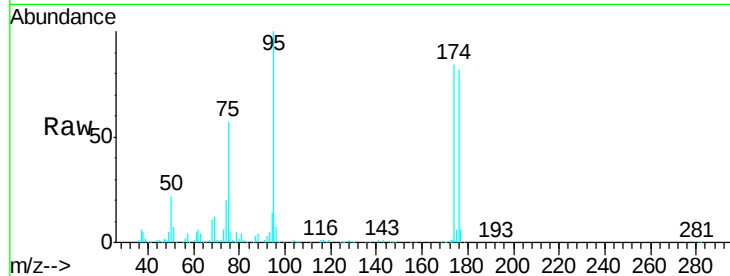
Tgt Ion: 95 Resp: 116822

Ion Ratio Lower Upper

95 100

174 81.8 0.0 161.6

176 79.0 0.0 157.8



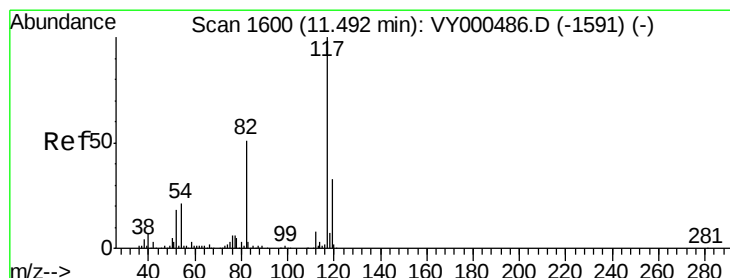
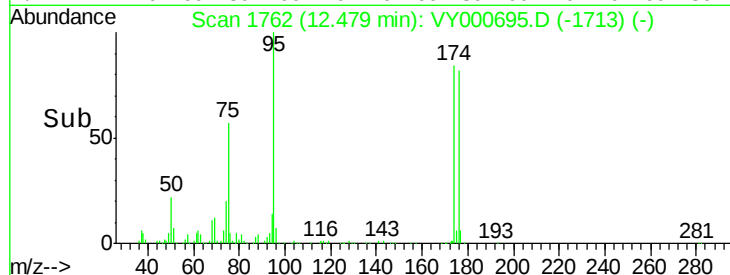
Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.48

Time--> 12.40 12.45 12.50 12.55



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY000695.D

Acq: 15 Nov 2019 13:00

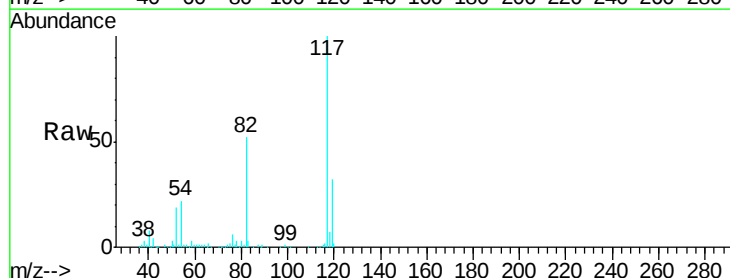
Tgt Ion: 117 Resp: 276224

Ion Ratio Lower Upper

117 100

82 52.4 40.8 61.2

119 31.8 26.2 39.2



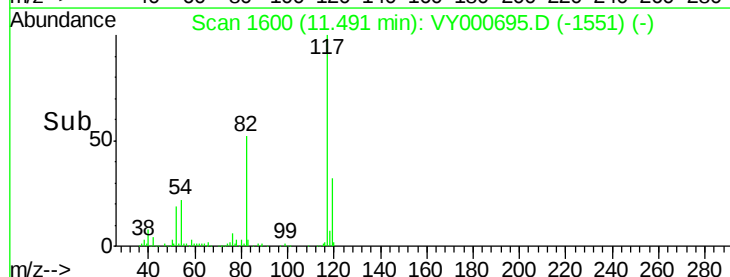
Abundance Ion 116.90 (116.60 to 117.60): VY0

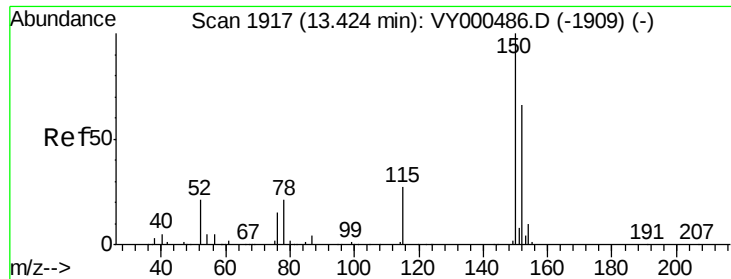
Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): VY0

11.49

Time--> 11.40 11.50



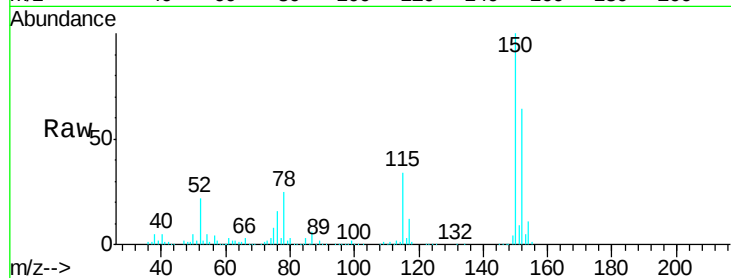


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000695.D
Acq: 15 Nov 2019 13:00

Instrument :
MSVOA_Y
ClientSampleId :
EP-3

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.1	87.4
150	156.7	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

