

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
 Data File : VY000694.D
 Acq On : 15 Nov 2019 12:38
 Operator : SY/MD
 Sample : K5861-02
 Misc : 5.36G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-2

Quant Time: Nov 16 02:47:39 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

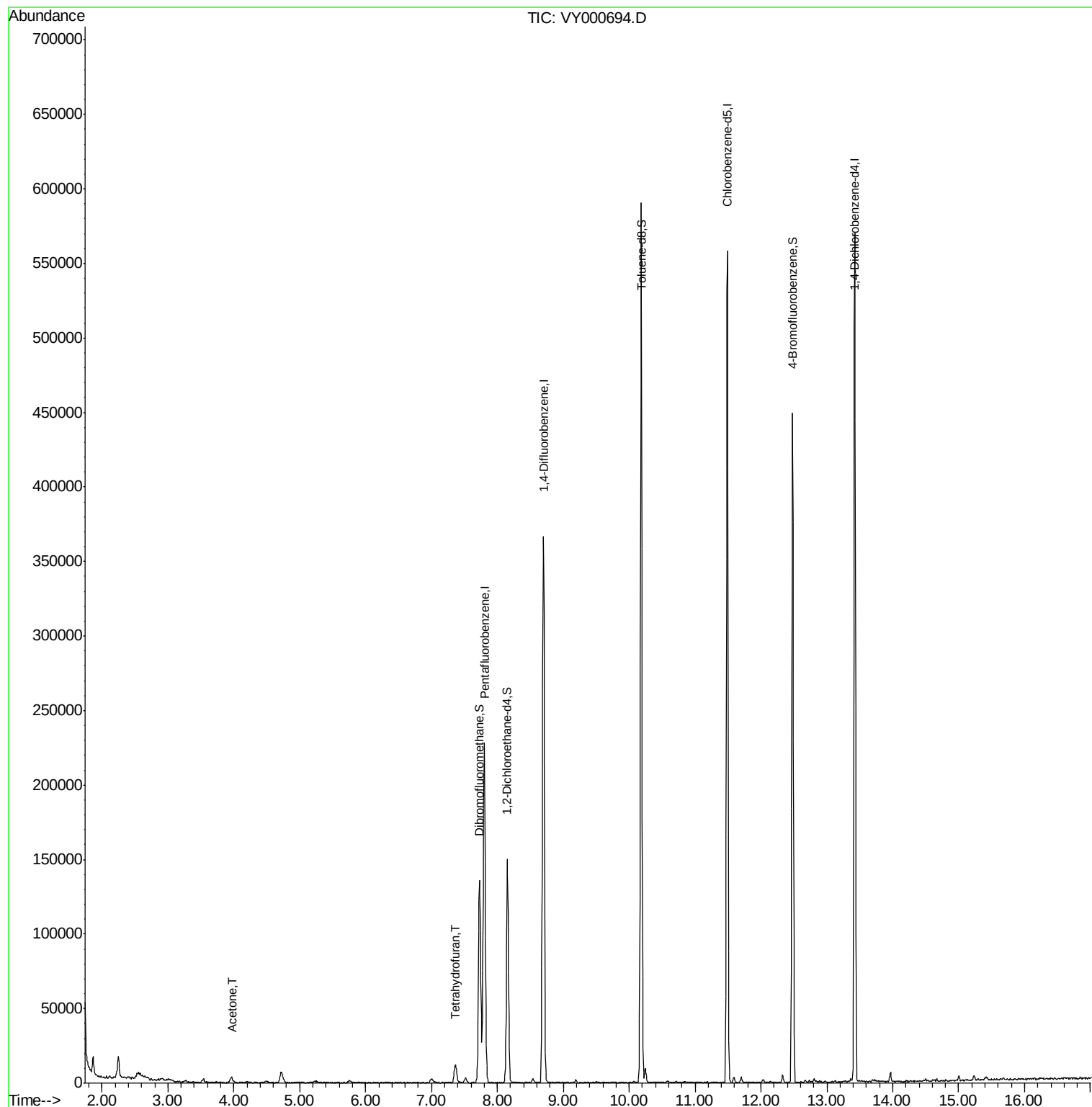
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	177432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	314579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	289702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	130297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	107830	58.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.44%	
35) Dibromofluoromethane	7.73	113	94024	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
50) Toluene-d8	10.18	98	359440	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	12.48	95	126286	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
Target Compounds						
16) Acetone	3.97	43	6920	13.674	ug/l	89
29) Tetrahydrofuran	7.36	42	9376	18.976	ug/l	95

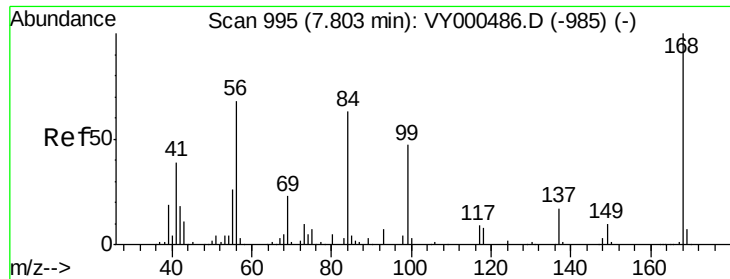
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000694.D

Acq: 15 Nov 2019 12:38

Instrument :

MSVOA_Y

ClientSampled :

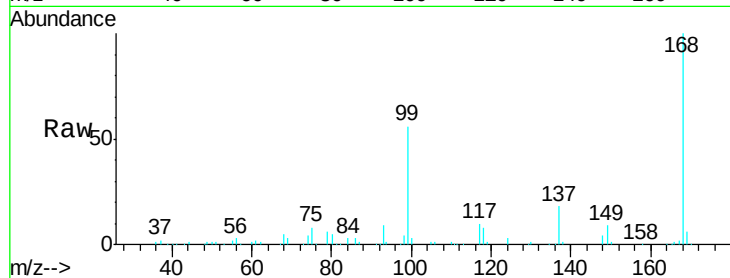
EP-2

Tgt Ion:168 Resp: 177432

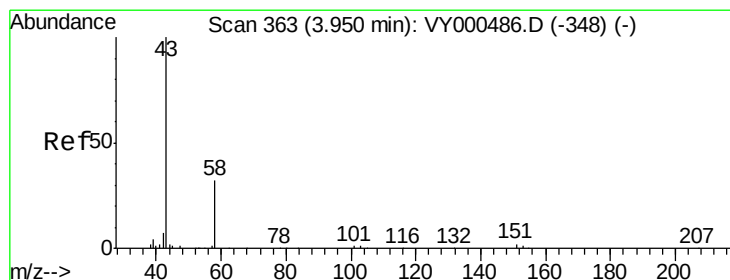
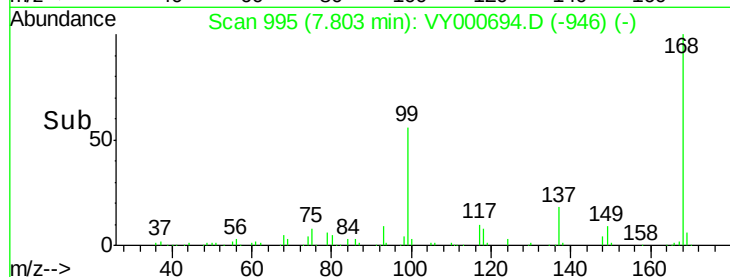
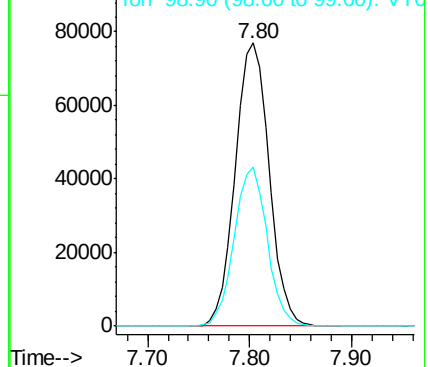
Ion Ratio Lower Upper

168 100

99 56.3 45.7 68.5



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



#16

Acetone

Concen: 13.674 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY000694.D

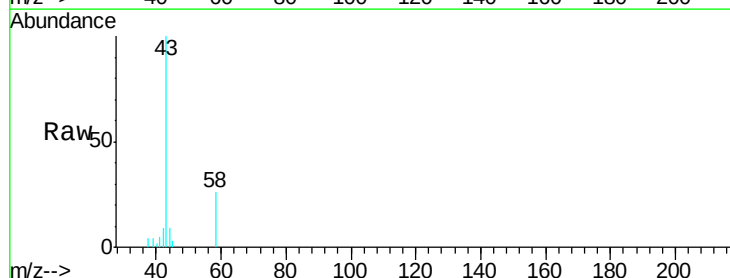
Acq: 15 Nov 2019 12:38

Tgt Ion: 43 Resp: 6920

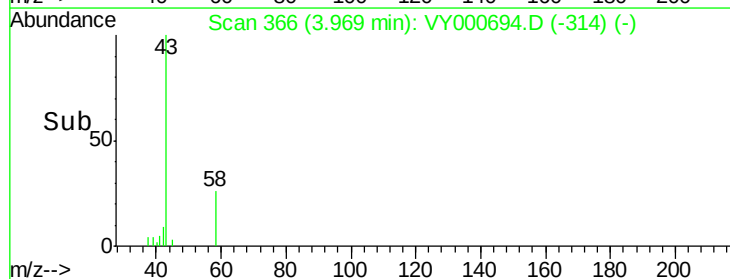
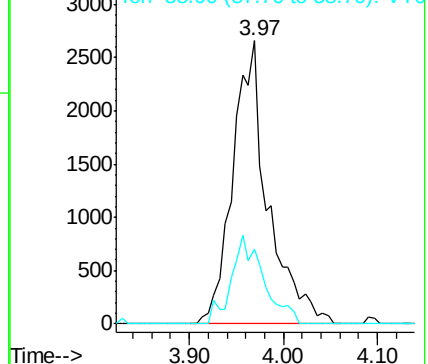
Ion Ratio Lower Upper

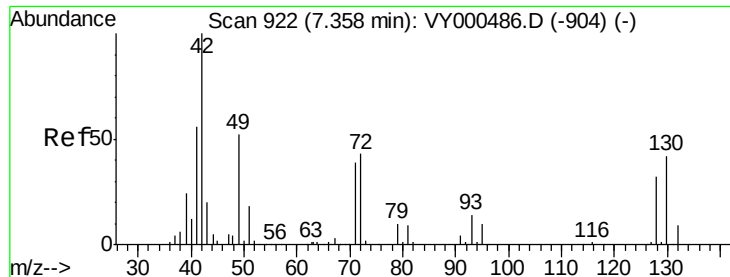
43 100

58 26.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000486.D (-348) (-)





#29

Tetrahydrofuran

Concen: 18.976 ug/l

RT: 7.36 min Scan# 923

Delta R.T. 0.01 min

Lab File: VY000694.D

Acq: 15 Nov 2019 12:38

Instrument :

MSVOA_Y

ClientSampleId :

EP-2

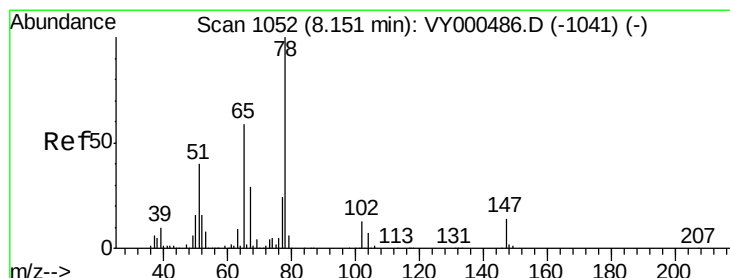
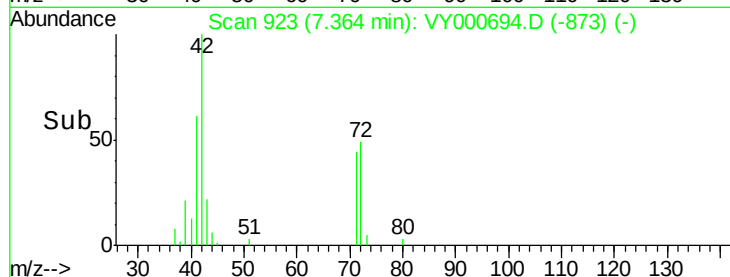
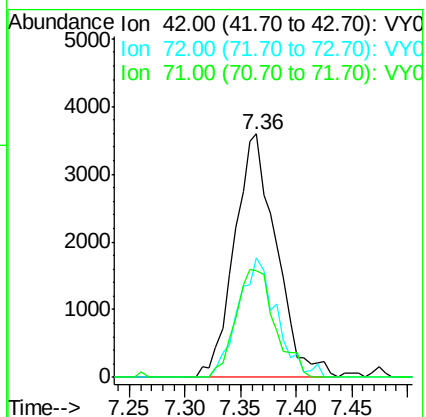
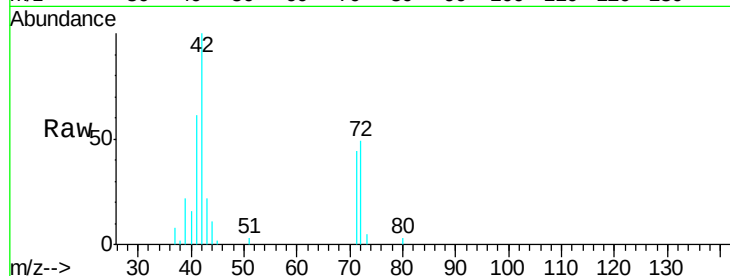
Tgt Ion: 42 Resp: 9376

Ion Ratio Lower Upper

42 100

72 45.3 34.0 51.0

71 41.6 30.8 46.2



#33

1,2-Dichloroethane-d4

Concen: 58.725 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000694.D

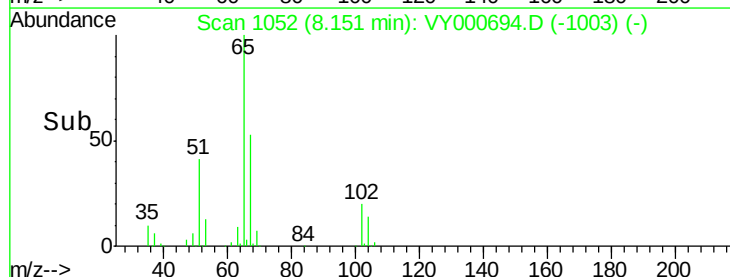
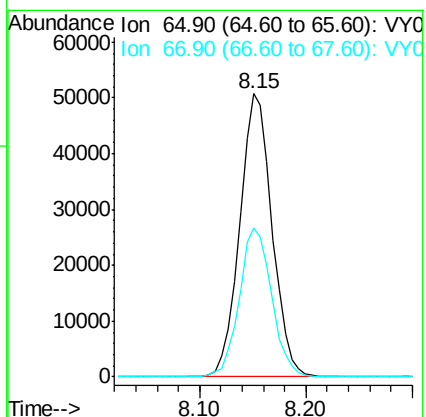
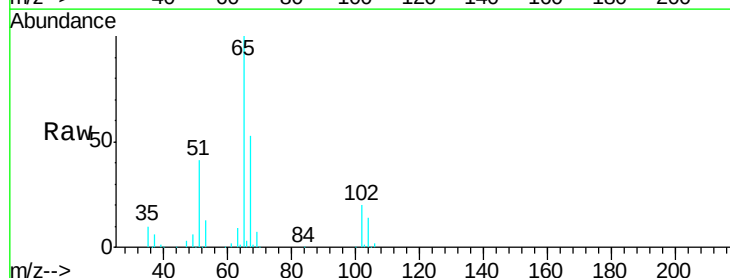
Acq: 15 Nov 2019 12:38

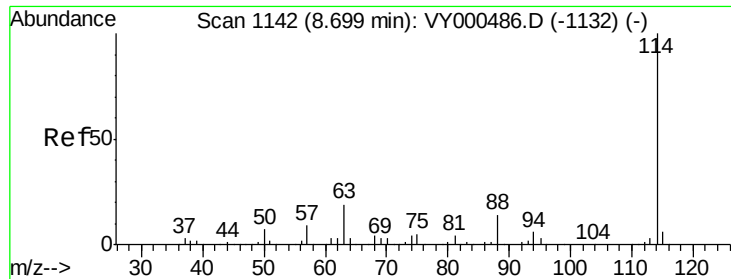
Tgt Ion: 65 Resp: 107830

Ion Ratio Lower Upper

65 100

67 53.0 0.0 107.2

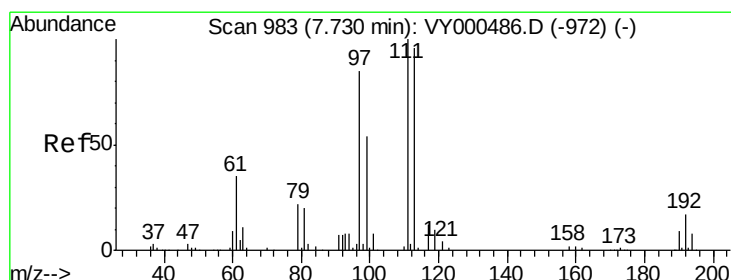
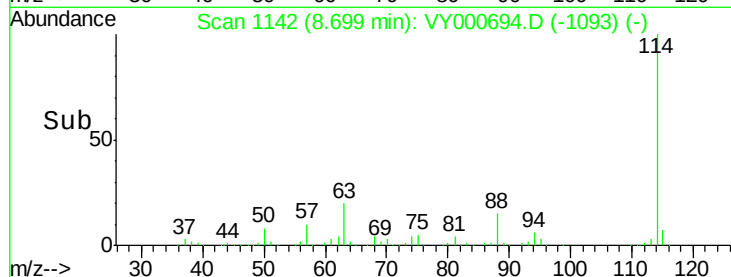
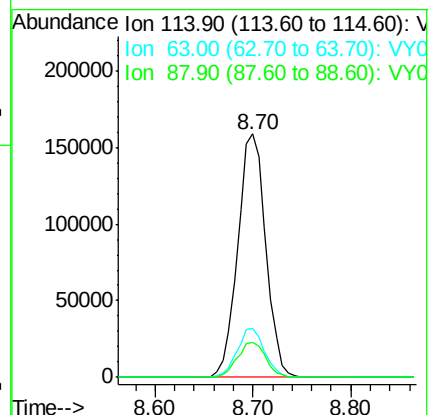
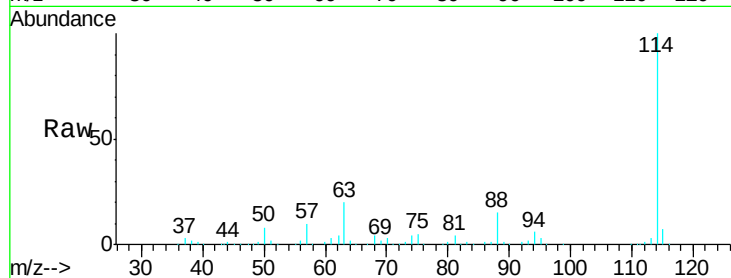




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000694.D
 Acq: 15 Nov 2019 12:38

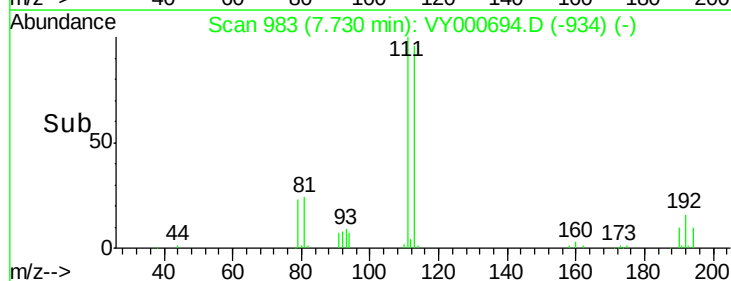
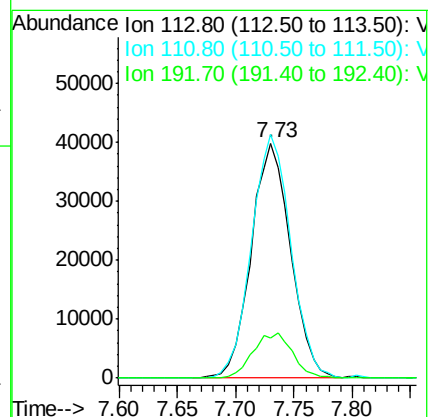
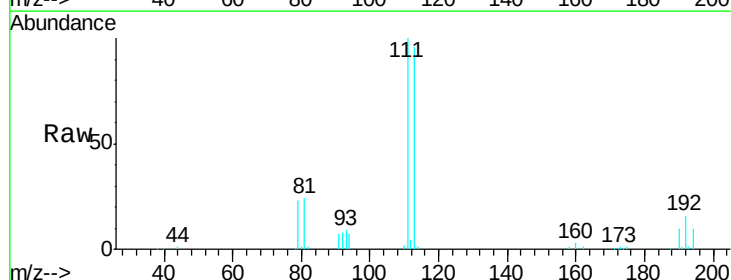
Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-2

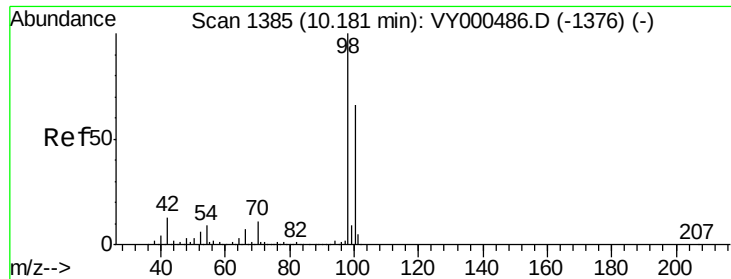
Tgt Ion:114 Resp: 314579
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.0
 88 14.6 0.0 28.6



#35
 Dibromofluoromethane
 Concen: 50.912 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000694.D
 Acq: 15 Nov 2019 12:38

Tgt Ion:113 Resp: 94024
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.7 122.5
 192 19.2 15.0 22.4





#50

Toluene-d8

Concen: 51.293 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000694.D

Acq: 15 Nov 2019 12:38

Instrument :

MSVOA_Y

ClientSampleId :

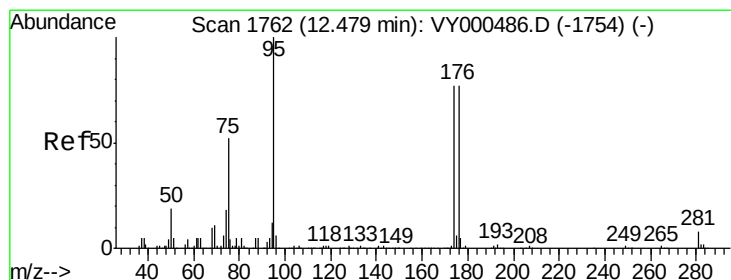
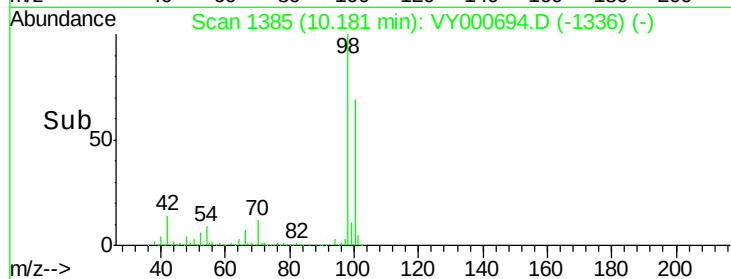
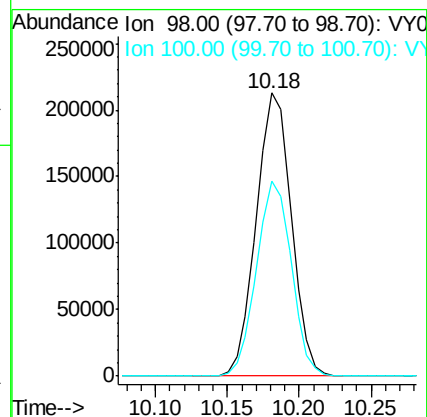
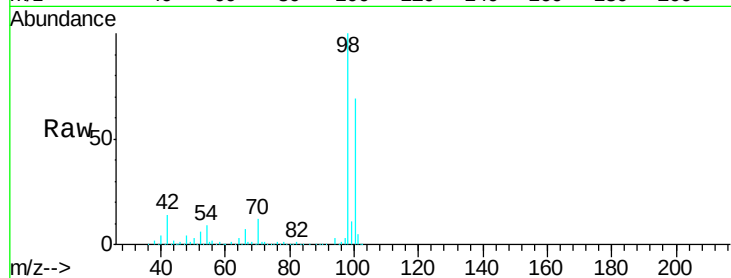
EP-2

Tgt Ion: 98 Resp: 359440

Ion Ratio Lower Upper

98 100

100 68.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.338 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000694.D

Acq: 15 Nov 2019 12:38

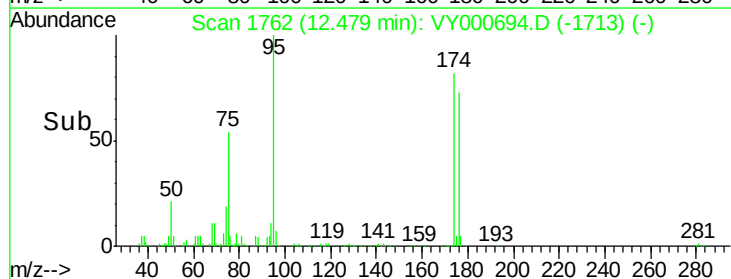
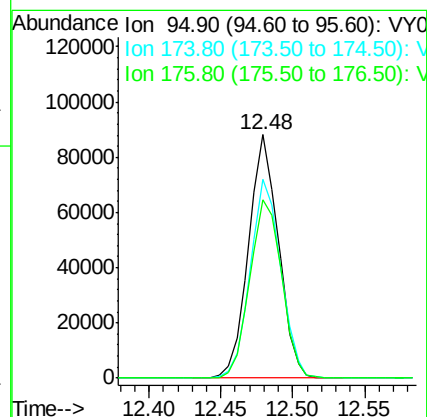
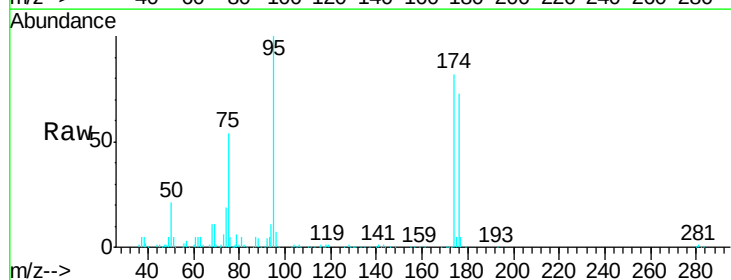
Tgt Ion: 95 Resp: 126286

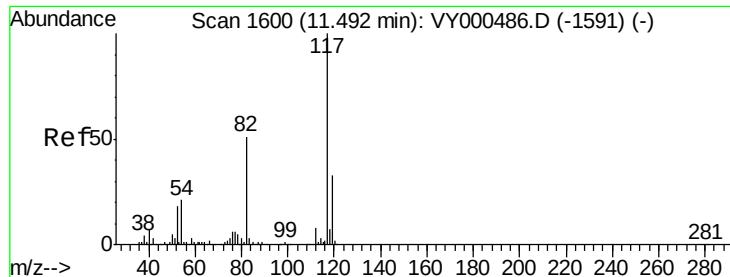
Ion Ratio Lower Upper

95 100

174 83.3 0.0 161.6

176 77.8 0.0 157.8

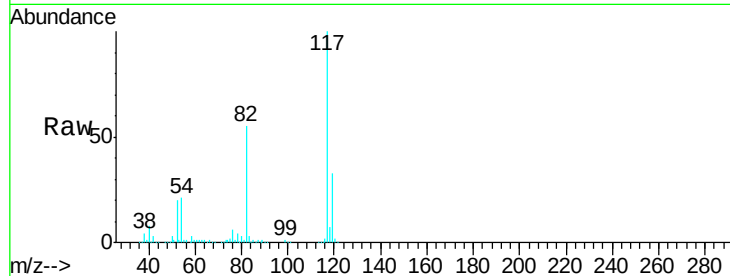




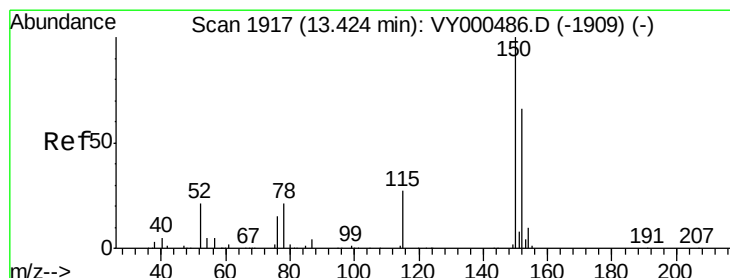
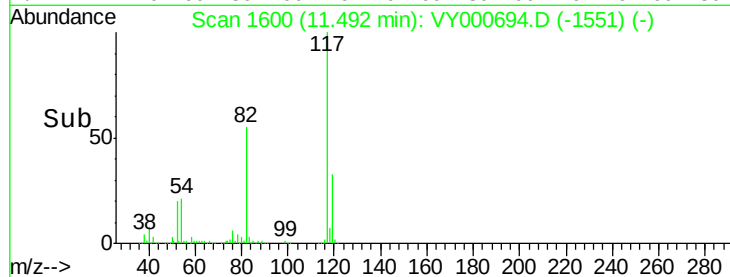
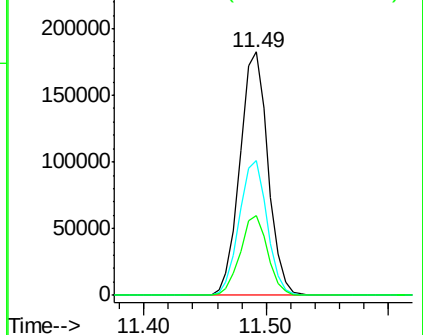
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000694.D
Acq: 15 Nov 2019 12:38

Instrument :
MSVOA_Y
ClientSampleId :
EP-2

Tgt Ion:117 Resp: 289702
Ion Ratio Lower Upper
117 100
82 55.3 40.8 61.2
119 32.9 26.2 39.2

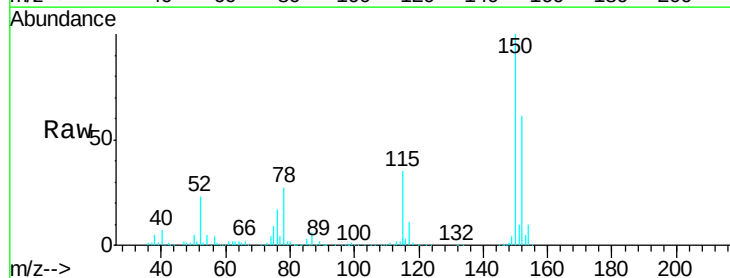


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000694.D
Acq: 15 Nov 2019 12:38

Tgt Ion:152 Resp: 130297
Ion Ratio Lower Upper
152 100
115 60.6 29.1 87.4
150 160.2 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

