

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
 Data File : VY000693.D
 Acq On : 15 Nov 2019 12:16
 Operator : SY/MD
 Sample : K5861-01
 Misc : 5.48G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-1

Quant Time: Nov 16 02:46:12 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

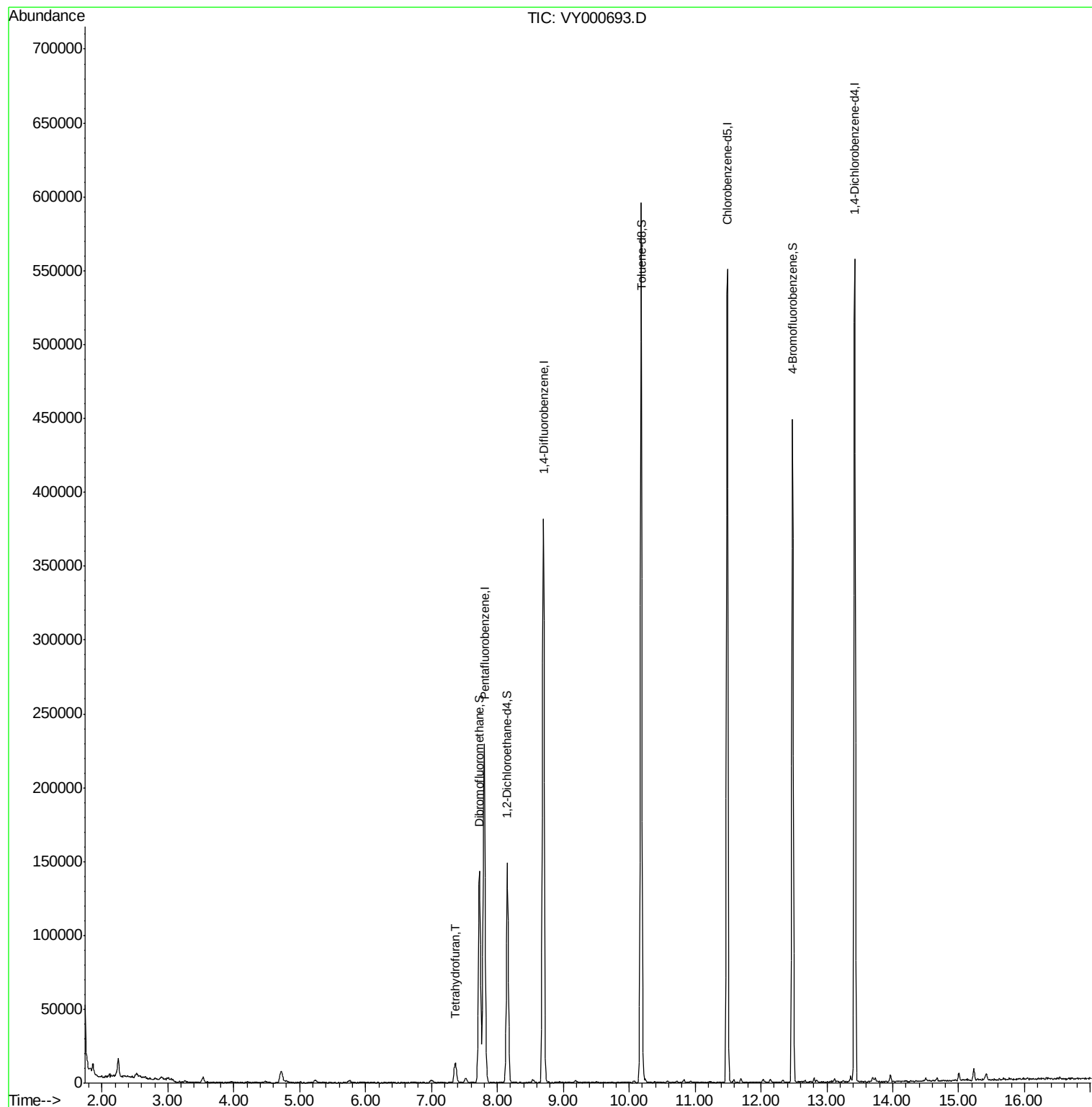
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	178687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	324231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	291563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	133829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	108292	58.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.12%	
35) Dibromofluoromethane	7.73	113	95160	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	10.18	98	376210	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.48	95	128974	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
Target Compounds						
29) Tetrahydrofuran	7.36	42	11487	23.085	ug/l	Qvalue 99

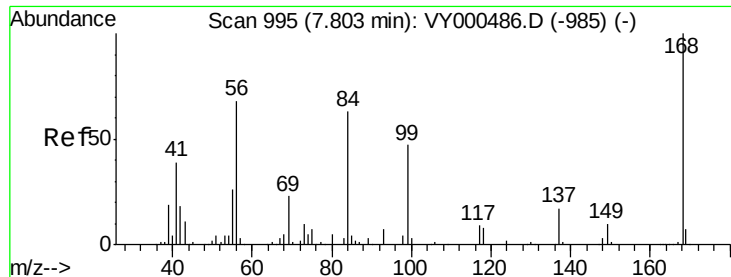
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000693.D

Acq: 15 Nov 2019 12:16

Instrument :

MSVOA_Y

ClientSampled :

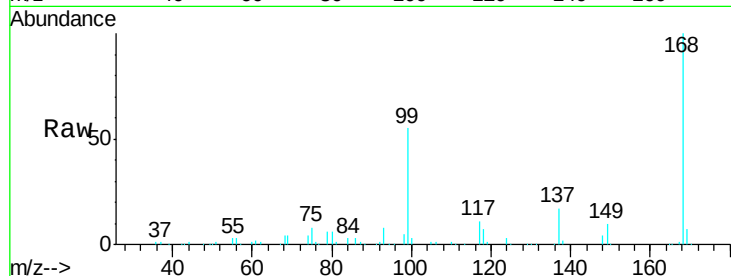
EP-1

Tgt Ion: 168 Resp: 178687

Ion Ratio Lower Upper

168 100

99 55.1 45.7 68.5

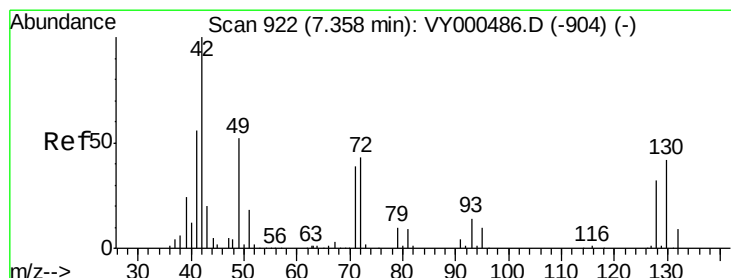
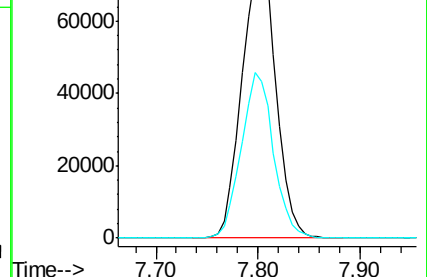
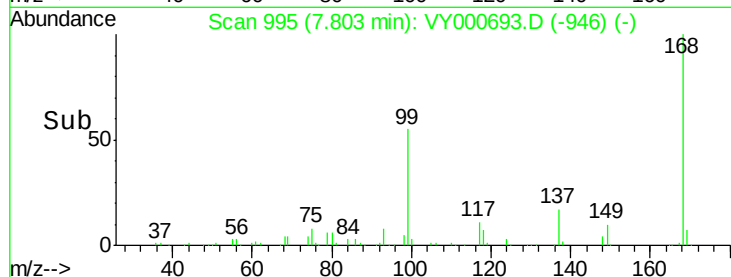


Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

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

7.80

Time-->



#29

Tetrahydrofuran

Concen: 23.085 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY000693.D

Acq: 15 Nov 2019 12:16

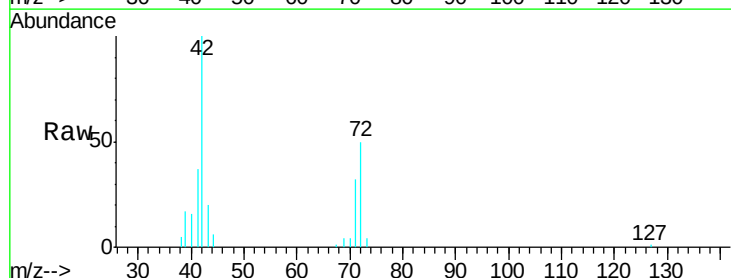
Tgt Ion: 42 Resp: 11487

Ion Ratio Lower Upper

42 100

72 41.8 34.0 51.0

71 37.7 30.8 46.2



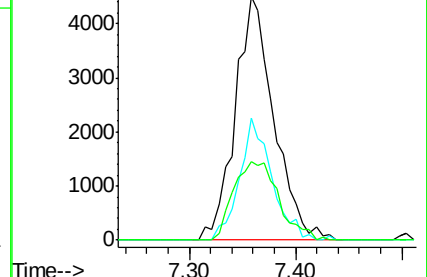
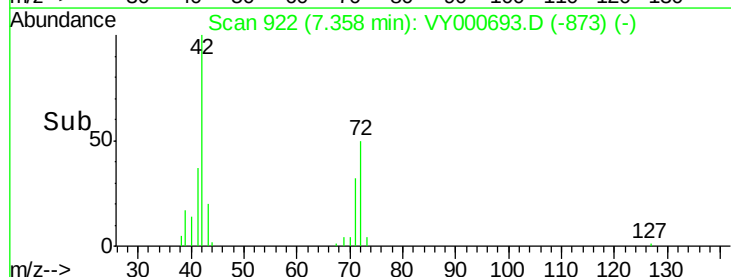
Abundance Ion 42.00 (41.70 to 42.70): VY000486.D (-904) (-)

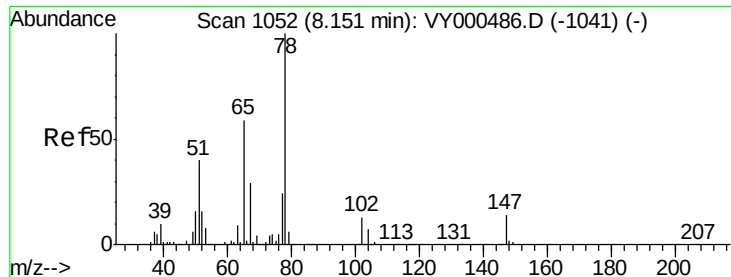
Ion 72.00 (71.70 to 72.70): VY000486.D (-904) (-)

Ion 71.00 (70.70 to 71.70): VY000486.D (-904) (-)

7.36

Time-->

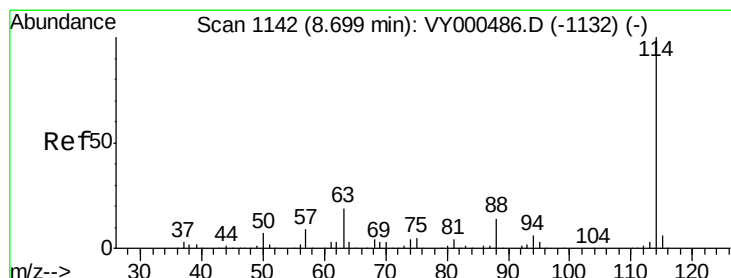
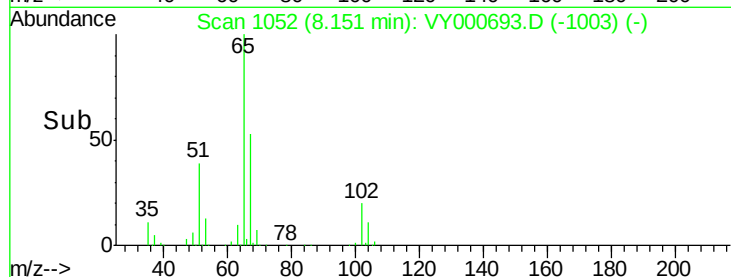
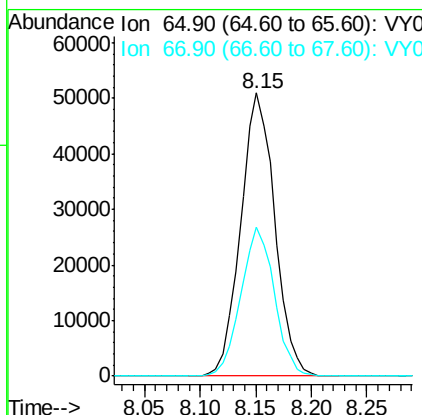
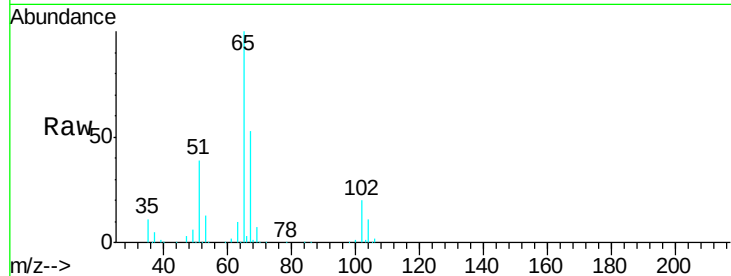




#33
 1,2-Dichloroethane-d4
 Concen: 58.562 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000693.D
 Acq: 15 Nov 2019 12:16

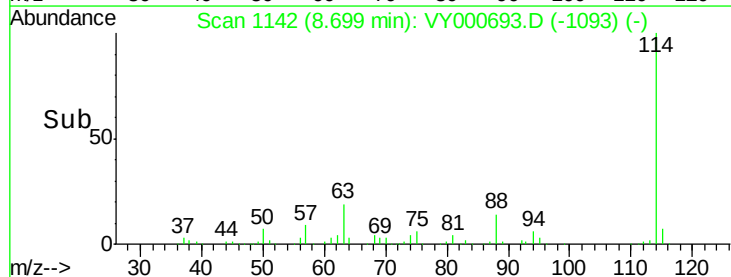
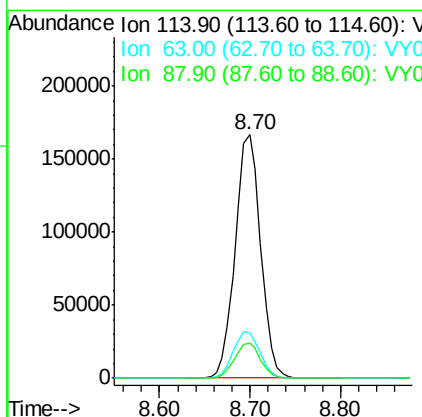
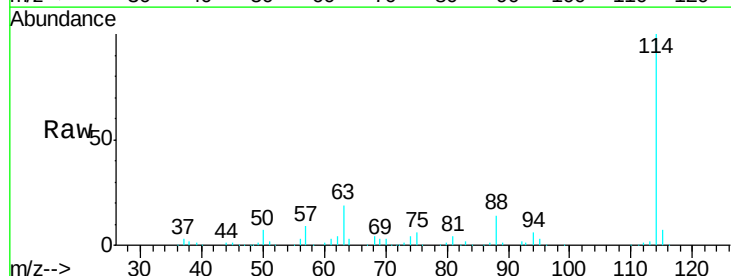
Instrument :
 MSVOA_Y
 ClientSampled :
 EP-1

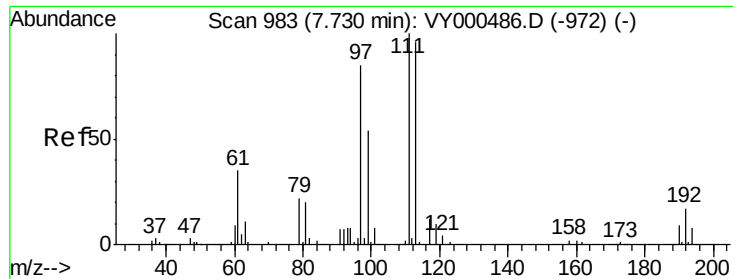
Tgt Ion: 65 Resp: 108292
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000693.D
 Acq: 15 Nov 2019 12:16

Tgt Ion: 114 Resp: 324231
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.0
 88 14.4 0.0 28.6

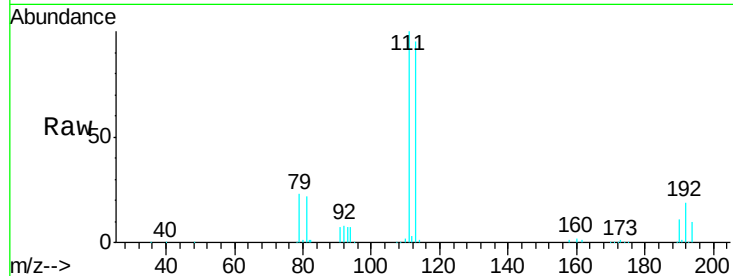




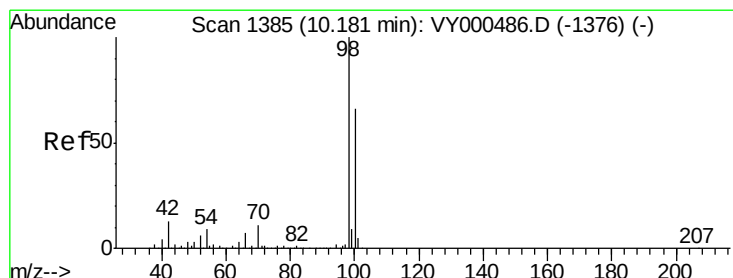
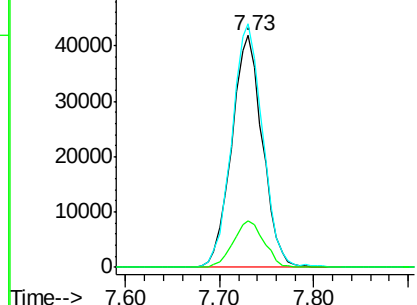
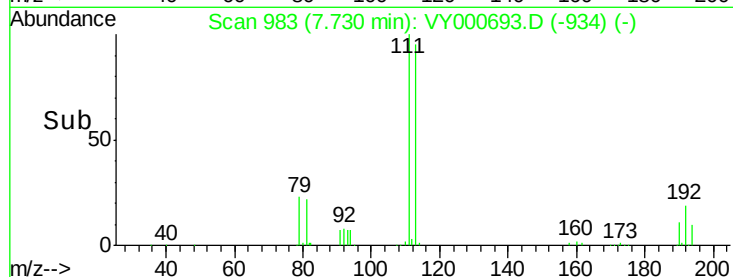
#35
 Dibromofluoromethane
 Concen: 49.994 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000693.D
 Acq: 15 Nov 2019 12:16

Instrument :
 MSVOA_Y
 ClientSampled :
 EP-1

Tgt Ion:113 Resp: 95160
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.7 122.5
 192 20.2 15.0 22.4

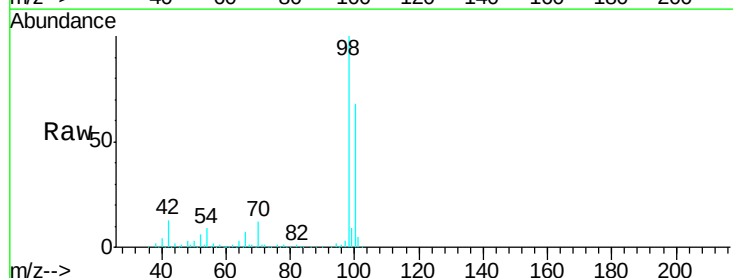


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

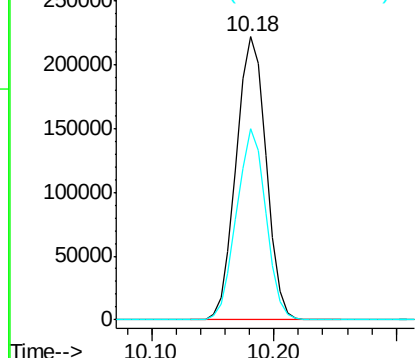
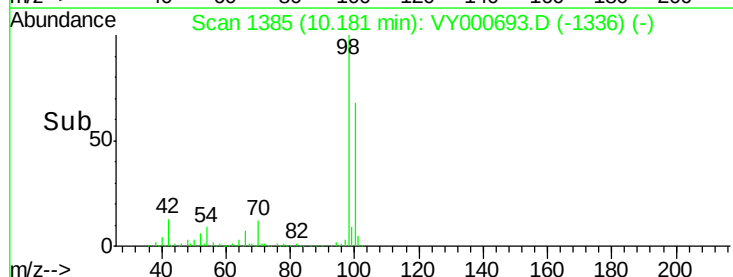


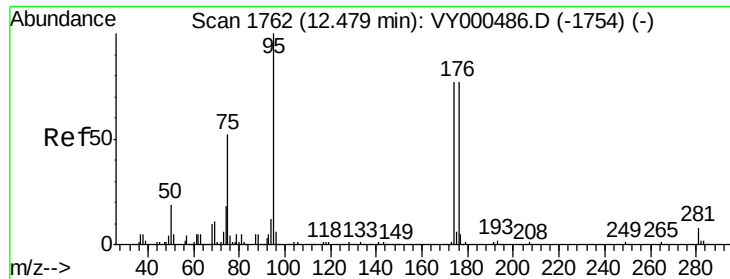
#50
 Toluene-d8
 Concen: 52.088 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY000693.D
 Acq: 15 Nov 2019 12:16

Tgt Ion: 98 Resp: 376210
 Ion Ratio Lower Upper
 98 100
 100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY0

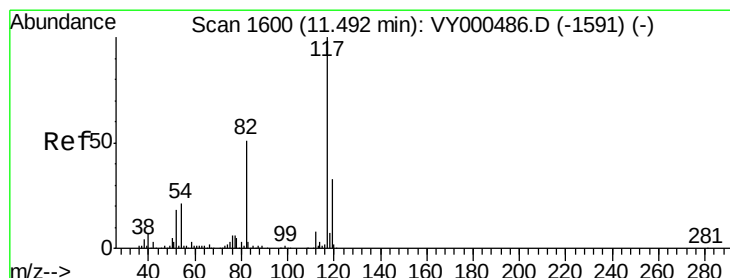
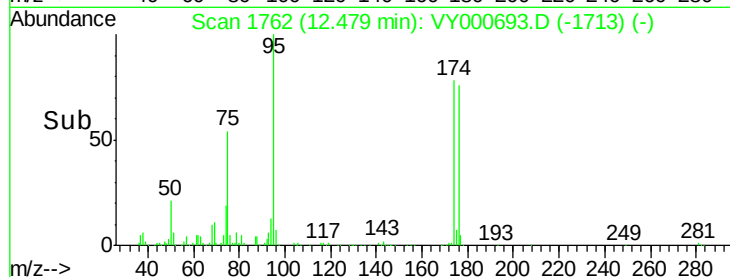
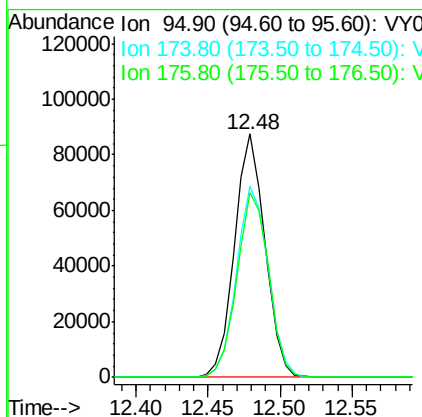
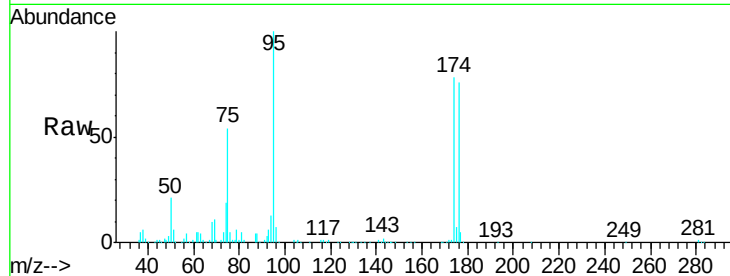




#62
4-Bromofluorobenzene
Concen: 46.907 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY000693.D
Acq: 15 Nov 2019 12:16

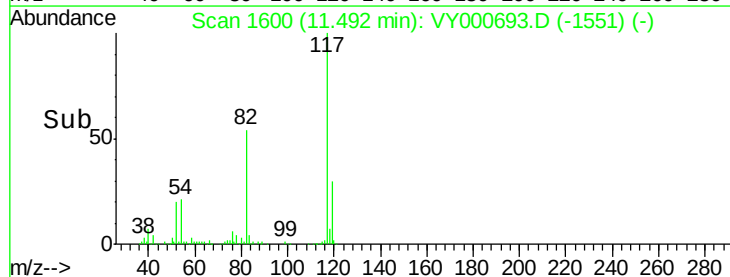
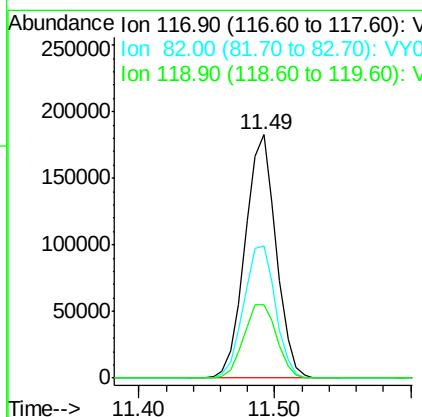
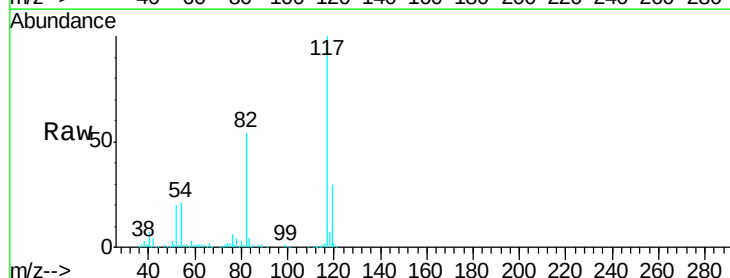
Instrument :
MSVOA_Y
ClientSampleId :
EP-1

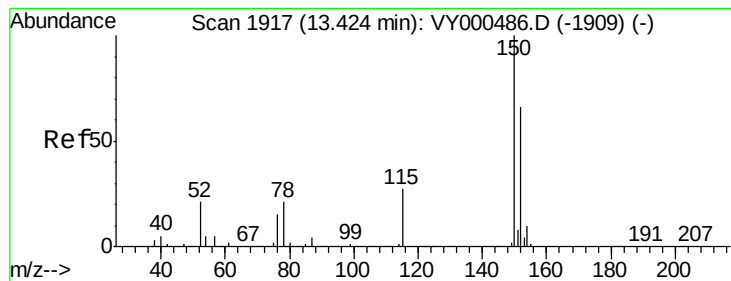
Tgt Ion: 95 Resp: 128974
Ion Ratio Lower Upper
95 100
174 81.5 0.0 161.6
176 78.8 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000693.D
Acq: 15 Nov 2019 12:16

Tgt Ion: 117 Resp: 291563
Ion Ratio Lower Upper
117 100
82 54.4 40.8 61.2
119 30.1 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: VY000693.D

Acq: 15 Nov 2019 12:16

Instrument :

MSVOA_Y

ClientSampleId :

EP-1

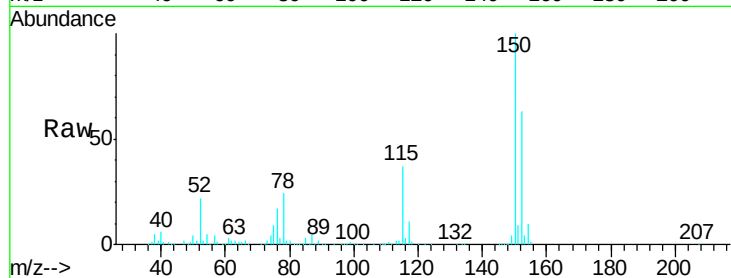
Tgt Ion:152 Resp: 133829

Ion Ratio Lower Upper

152 100

115 58.7 29.1 87.4

150 156.0 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

