

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070220\
 Data File : VY003085.D
 Acq On : 02 Jul 2020 15:11
 Operator : SY/MD
 Sample : L3172-01
 Misc : 5.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-SS

Quant Time: Jul 03 03:35:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

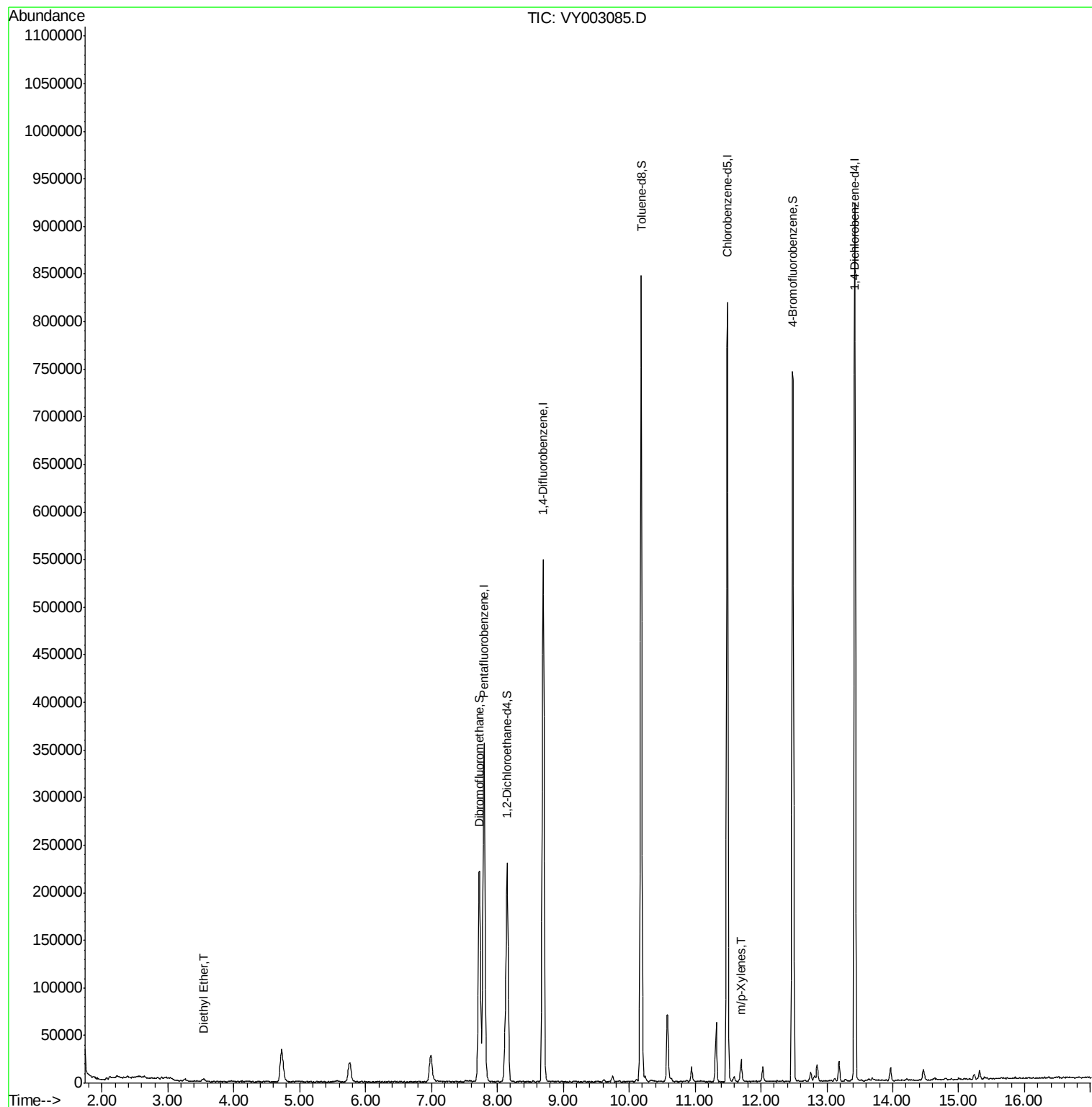
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	289843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	464730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	449221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	169302	58.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.62%	
35) Dibromofluoromethane	7.72	113	157962	54.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.98%	
50) Toluene-d8	10.18	98	560252	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.48	95	203573	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
Target Compounds						
8) Diethyl Ether	3.54	74	2023	1.333	ug/l	95
68) m/p-Xylenes	11.70	106	7693	1.276	ug/l	91

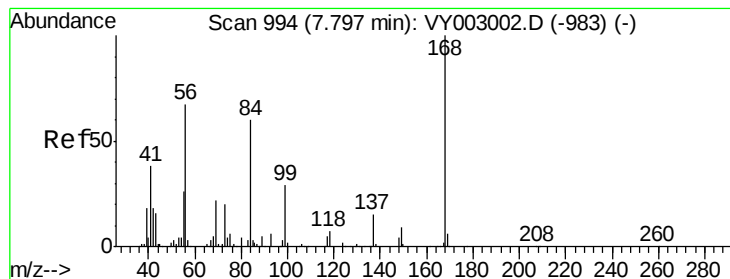
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003085.D

Acq: 02 Jul 2020 15:11

Instrument :

MSVOA_Y

ClientSampled :

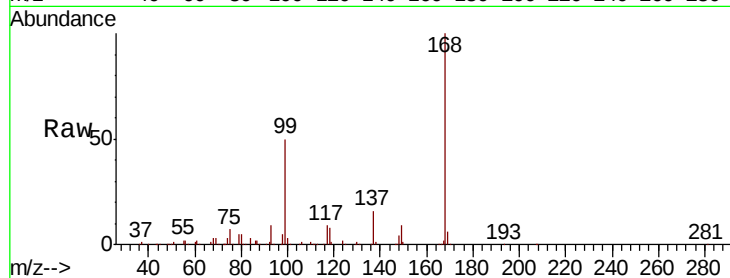
TP1-SS

Tot Ion:168 Resp: 289843

Ion Ratio Lower Upper

168 100

99 50.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003085.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003085.D (-945) (-)

7.80

150000

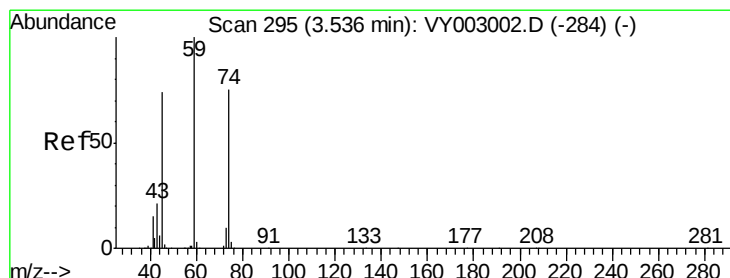
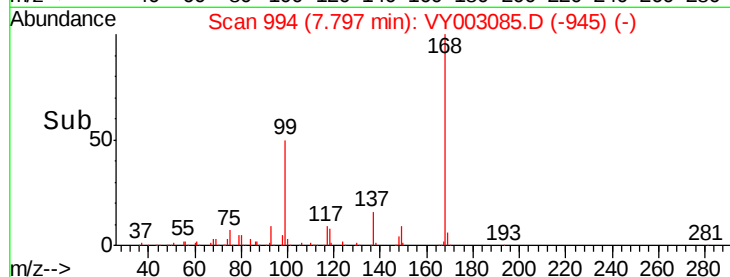
100000

50000

0

7.70 7.80 7.90

Time-->



#8

Diethyl Ether

Concen: 1.333 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.00 min

Lab File: VY003085.D

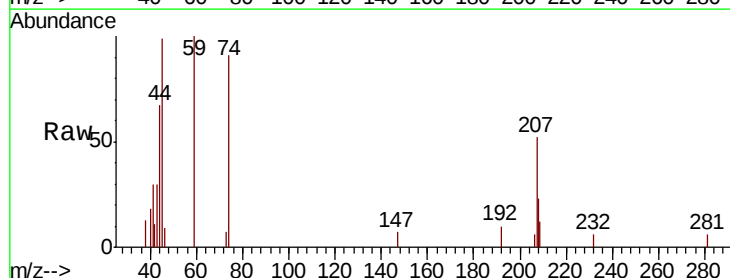
Acq: 02 Jul 2020 15:11

Tgt Ion: 74 Resp: 2023

Ion Ratio Lower Upper

74 100

45 93.2 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY003085.D (-246) (-)

Ion 45.00 (44.70 to 45.70): VY003085.D (-246) (-)

3.54

1000

800

600

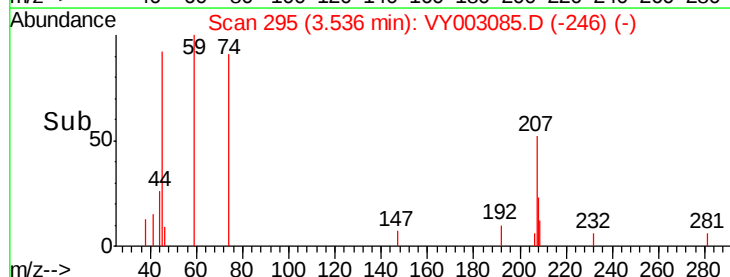
400

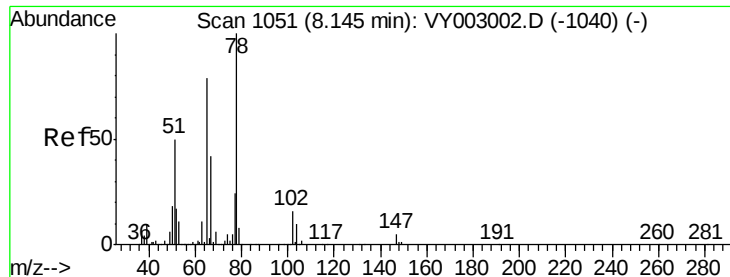
200

0

3.45 3.50 3.55 3.60 3.65

Time-->

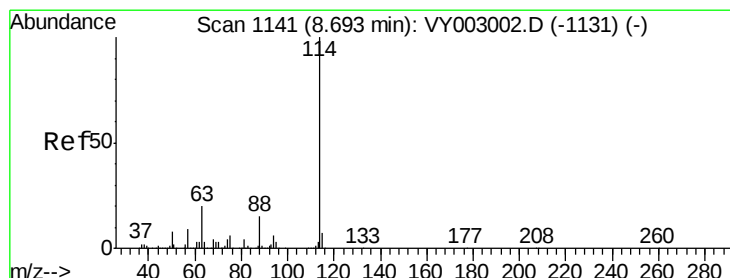
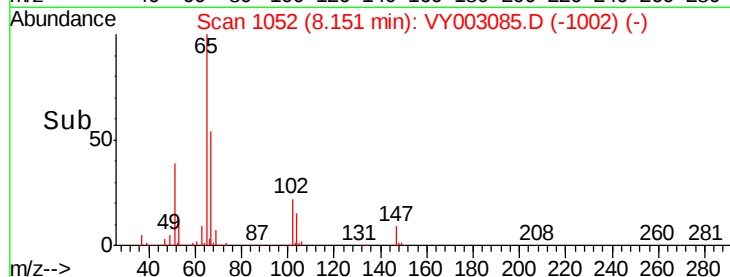
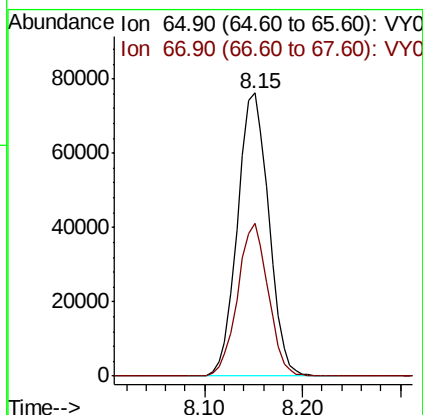
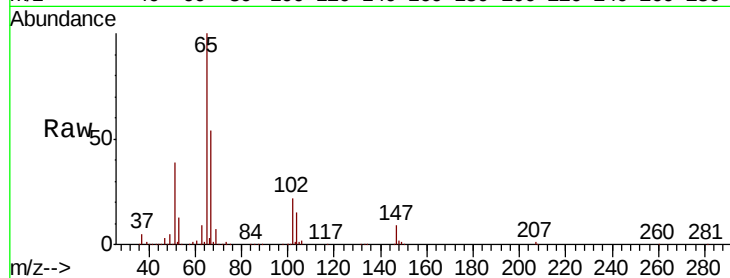




#33
 1,2-Dichloroethane-d4
 Concen: 58.811 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003085.D
 Acq: 02 Jul 2020 15:11

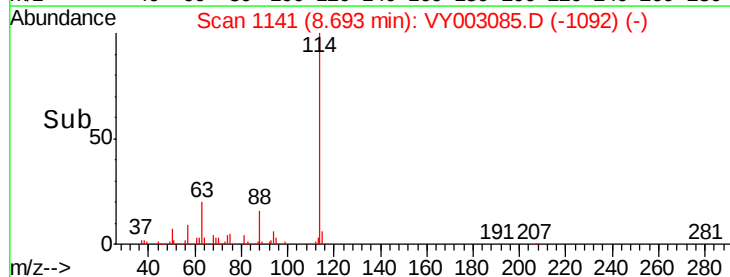
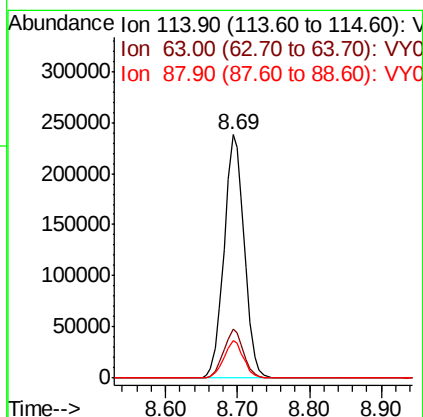
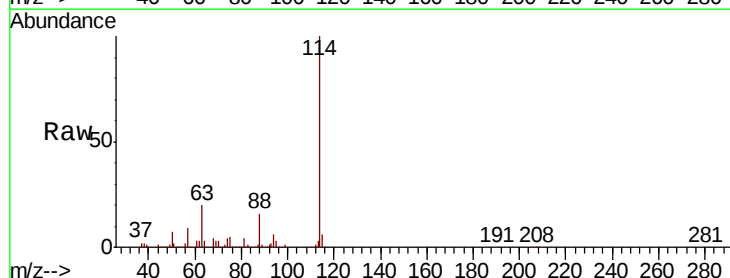
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-SS

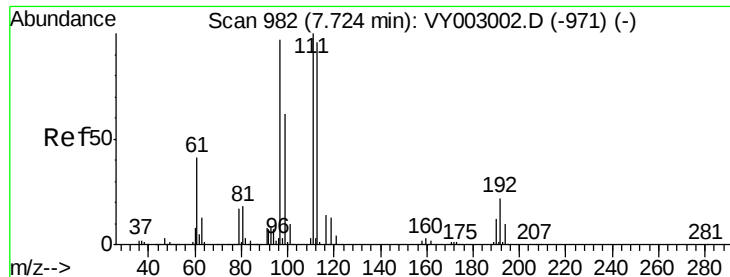
Tot Ion: 65 Resp: 169302
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003085.D
 Acq: 02 Jul 2020 15:11

Tgt Ion: 114 Resp: 464730
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 15.7 0.0 30.0

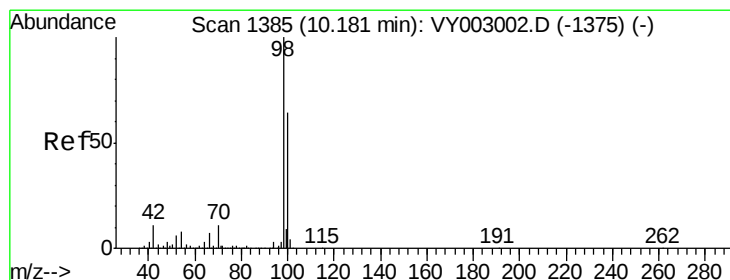
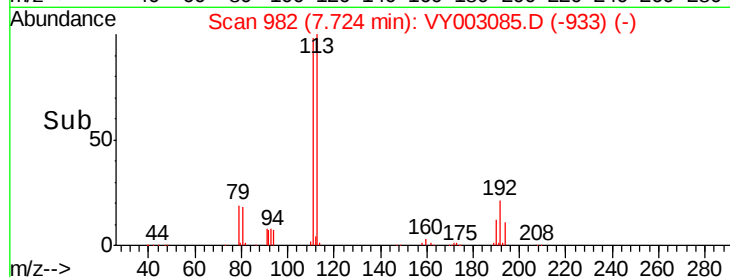
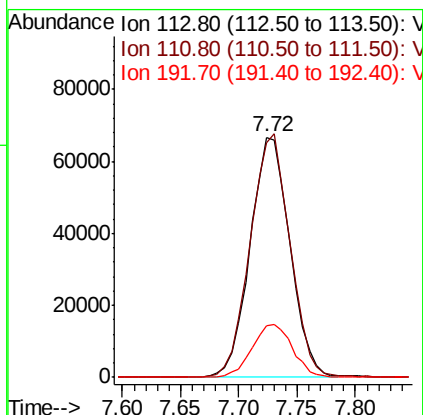
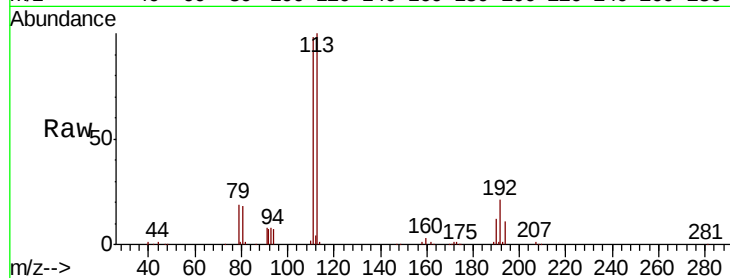




#35
 Dibromofluoromethane
 Concen: 54.487 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003085.D
 Acq: 02 Jul 2020 15:11

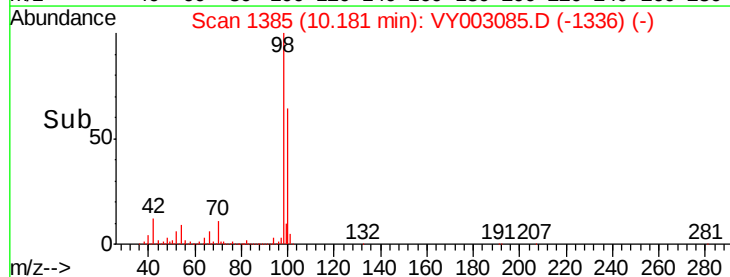
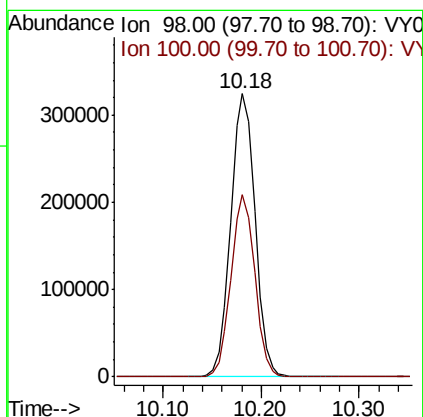
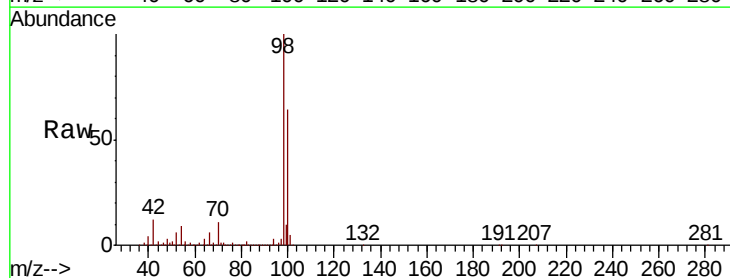
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP1-SS

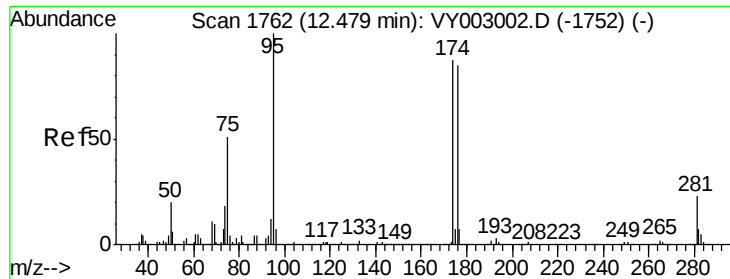
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	123.8
192	22.5	18.1	27.1



#50
 Toluene-d8
 Concen: 51.874 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: VY003085.D
 Acq: 02 Jul 2020 15:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 53.548 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003085.D

Acq: 02 Jul 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

TP1-SS

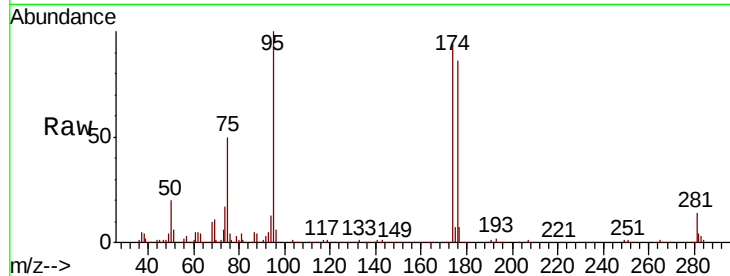
Tot Ion: 95 Resp: 203573

Ion Ratio Lower Upper

95 100

174 94.9 0.0 184.8

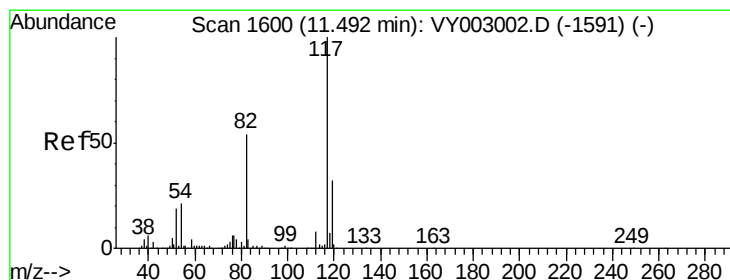
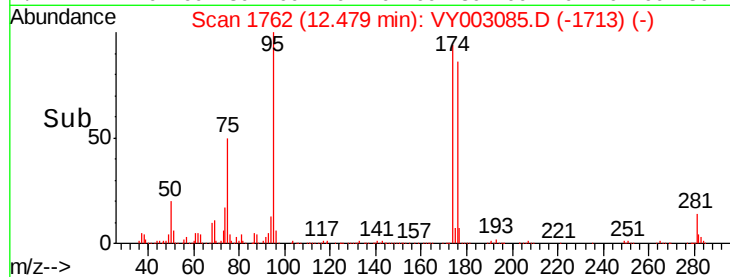
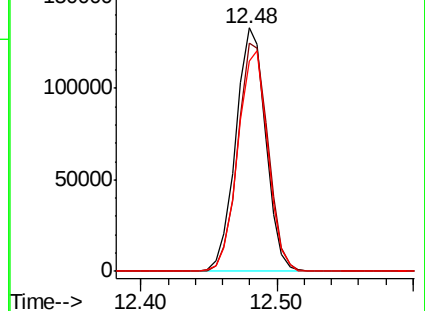
176 90.7 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003002.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003002.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003002.D (-1752) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003085.D

Acq: 02 Jul 2020 15:11

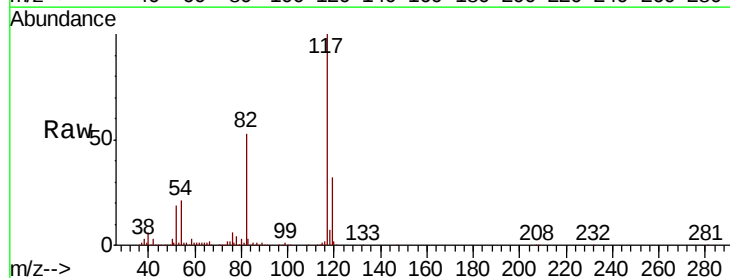
Tgt Ion: 117 Resp: 449221

Ion Ratio Lower Upper

117 100

82 53.1 43.0 64.6

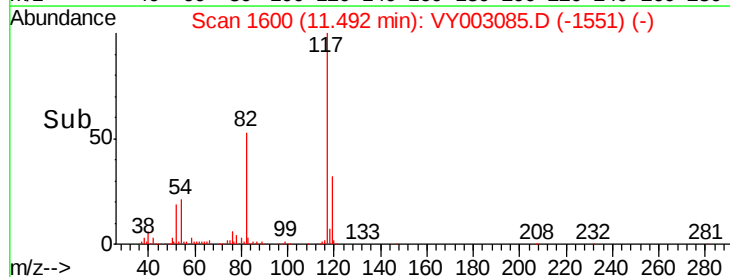
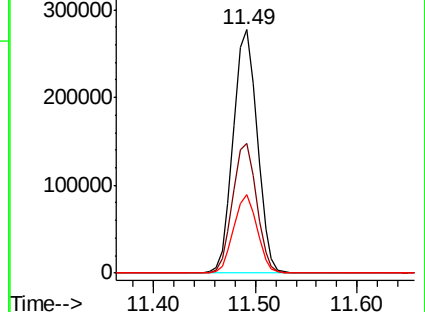
119 32.3 25.8 38.8

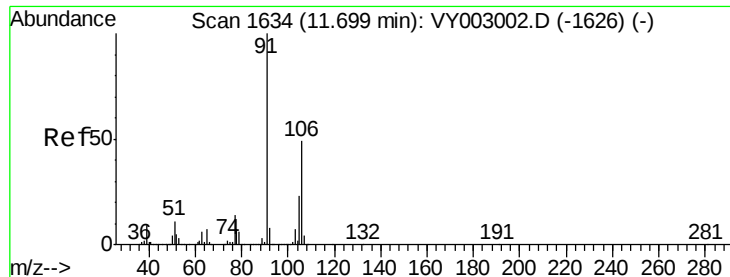


Abundance Ion 116.90 (116.60 to 117.60): VY003002.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003002.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003002.D (-1591) (-)

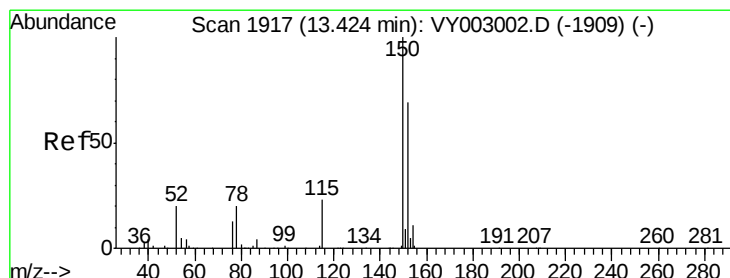
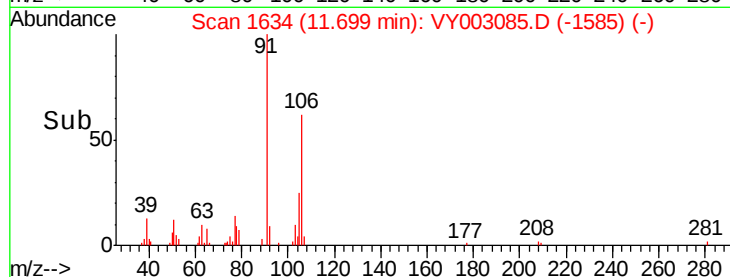
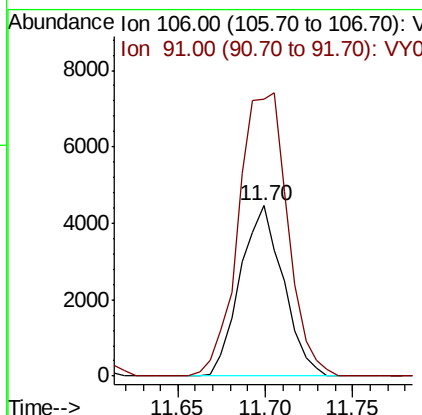
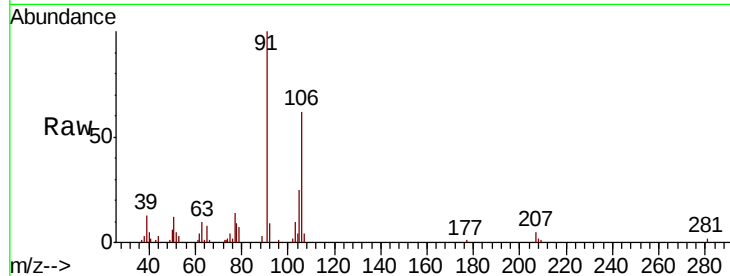




#68
m/p-Xvlenes
Concen: 1.276 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003085.D
Acq: 02 Jul 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
TP1-SS

Tot Ion:106 Resp: 7693
Ion Ratio Lower Upper
106 100
91 189.3 161.9 242.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003085.D
Acq: 02 Jul 2020 15:11

Tgt Ion:152 Resp: 232578
Ion Ratio Lower Upper
152 100
115 55.6 27.3 81.9
150 156.7 0.0 343.4

