

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY072820\
 Data File : VY003374.D
 Acq On : 28 Jul 2020 14:39
 Operator : SY/MD
 Sample : L3460-01RE
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CARLSTADT-TOPSOIL-2020RE

Quant Time: Jul 29 03:49:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

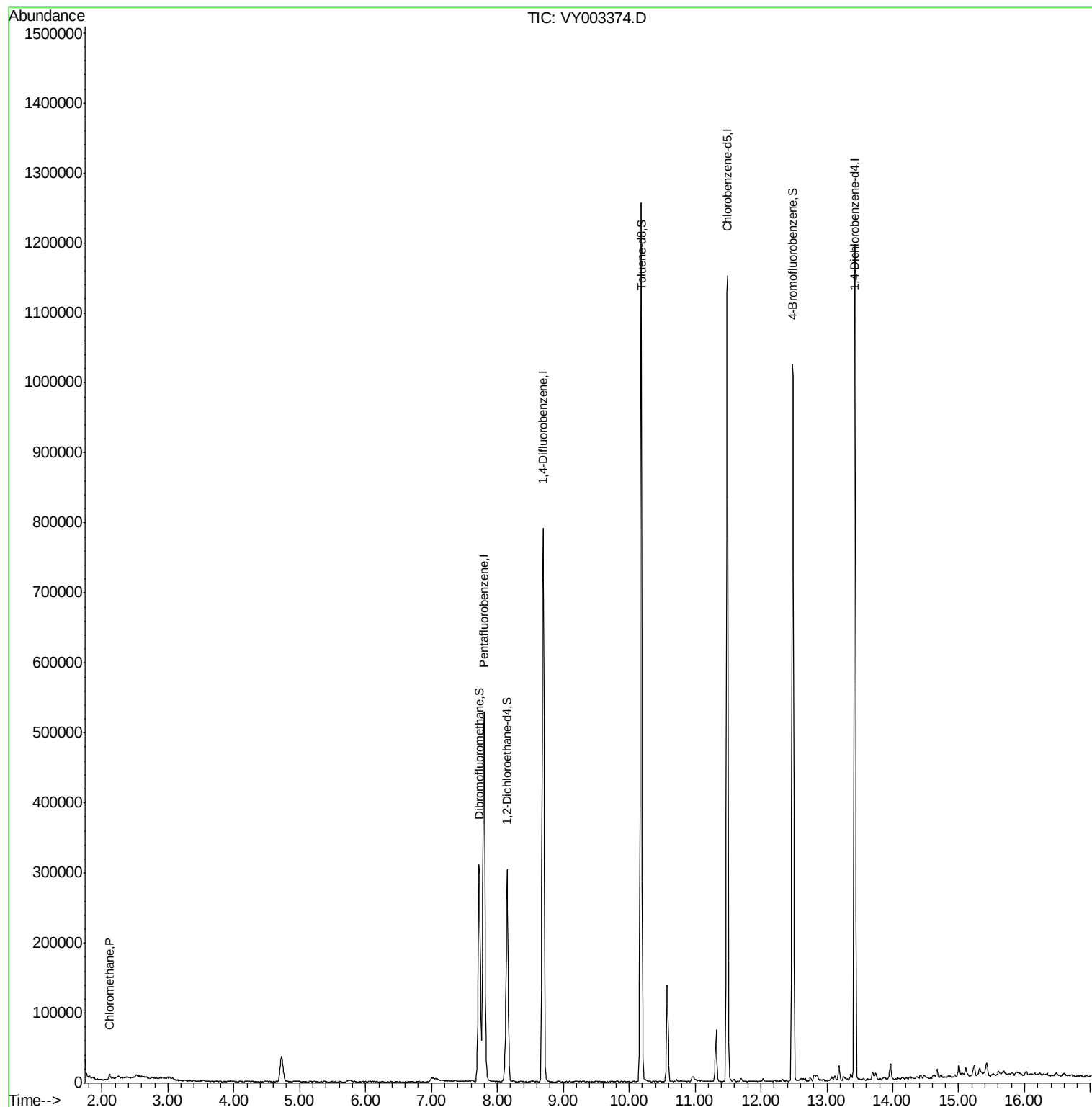
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	435067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	683662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	636309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	306112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	226964	61.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.62%	
35) Dibromofluoromethane	7.72	113	214734	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
50) Toluene-d8	10.18	98	836749	57.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.42%	
62) 4-Bromofluorobenzene	12.48	95	271115	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
Target Compounds						
3) Chloromethane	2.11	50	5559	1.285	ug/l	Qvalue 95

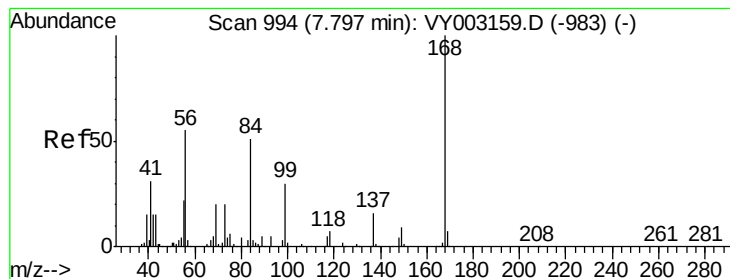
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003374.D

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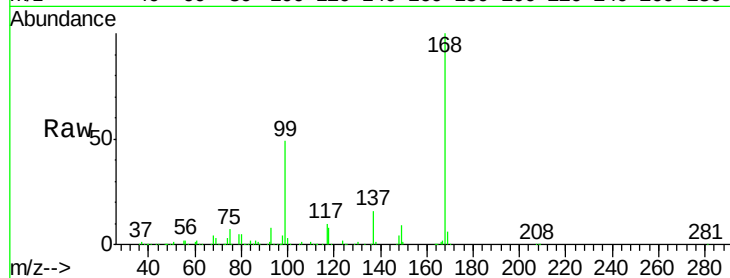
CARLSTADT-TOPSOIL-2020RE

Tgt Ion:168 Resp: 435067

Ion Ratio Lower Upper

168 100

99 48.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003374.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003374.D (-945) (-)

7.80

200000

150000

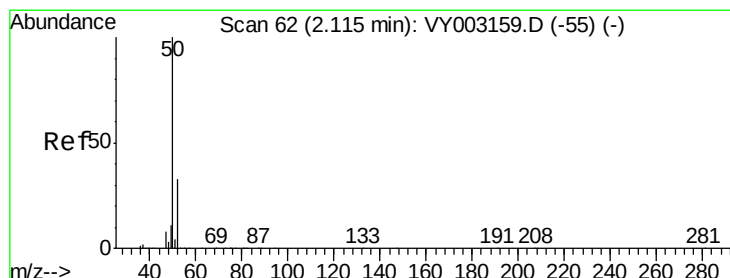
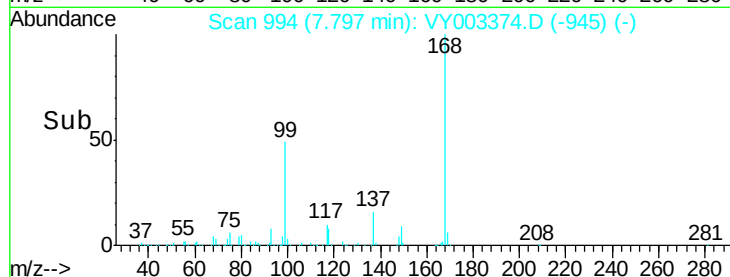
100000

50000

0

7.70 7.80 7.90

Time-->



#3

Chloromethane

Concen: 1.285 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY003374.D

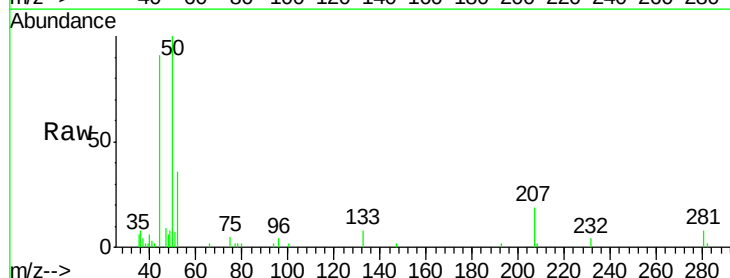
Acq: 28 Jul 2020 14:39

Tgt Ion: 50 Resp: 5559

Ion Ratio Lower Upper

50 100

52 36.1 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY003374.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003374.D (-13) (-)

2.11

3000

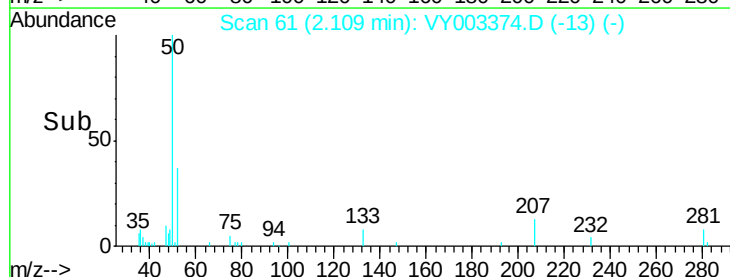
2000

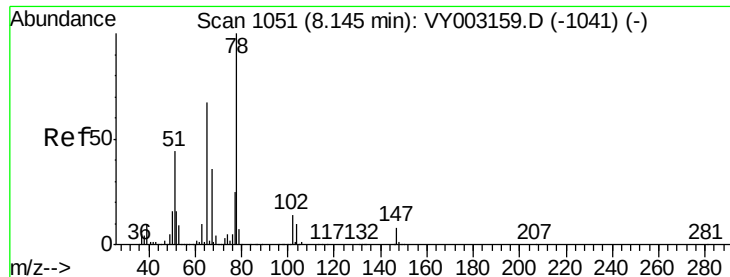
1000

0

2.05 2.10 2.15 2.20

Time-->

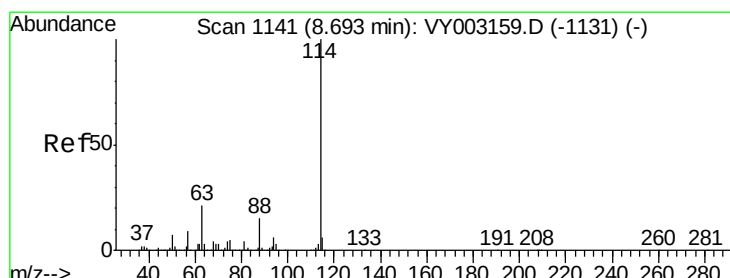
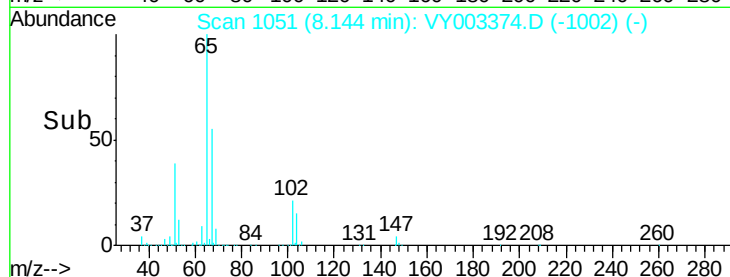
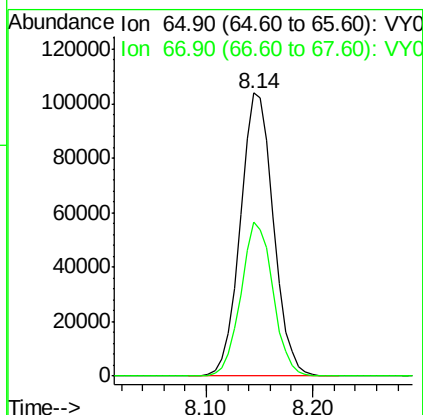
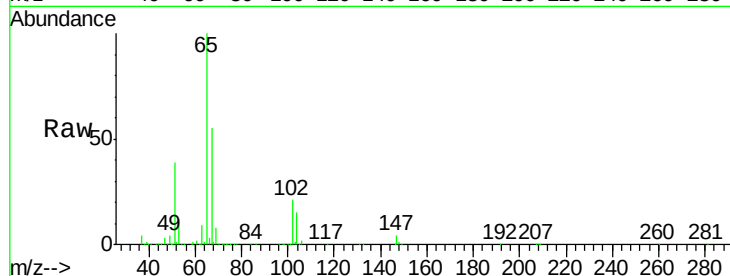




#33
 1,2-Dichloroethane-d4
 Concen: 61.807 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003374.D
 Acq: 28 Jul 2020 14:39

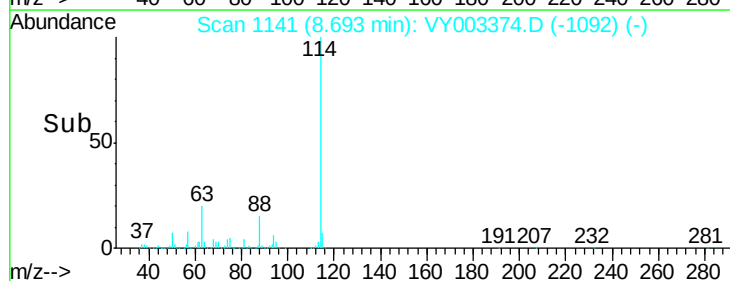
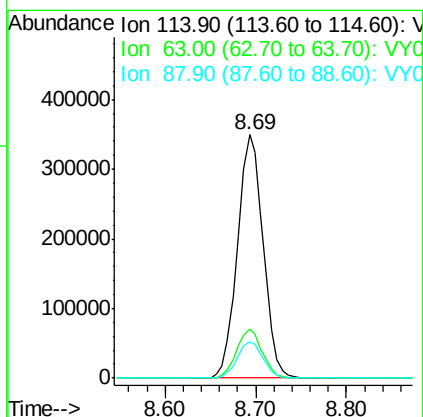
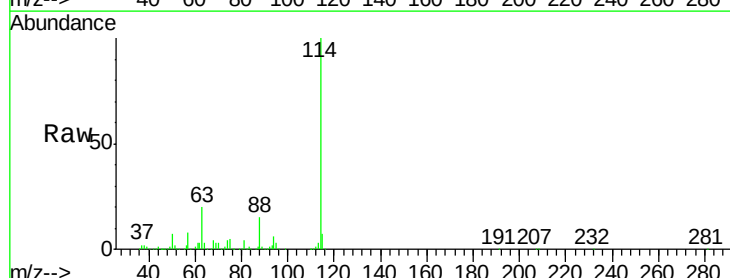
Instrument :
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 CARLSTADT-TOPSOIL-2020RE

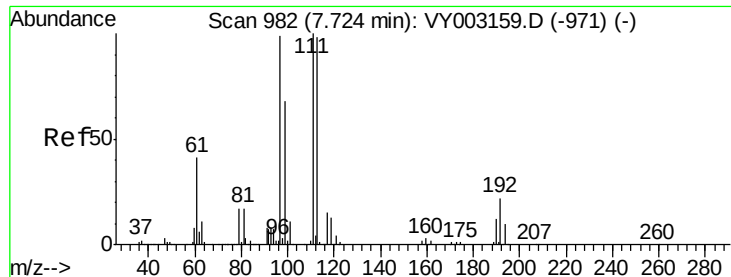
Tgt Ion: 65 Resp: 226964
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003374.D
 Acq: 28 Jul 2020 14:39

Tgt Ion: 114 Resp: 683662
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.2
 88 14.9 0.0 30.2

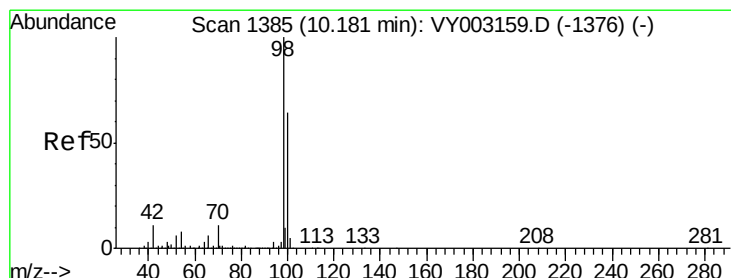
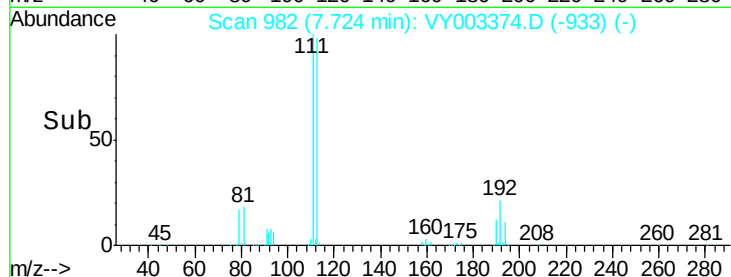
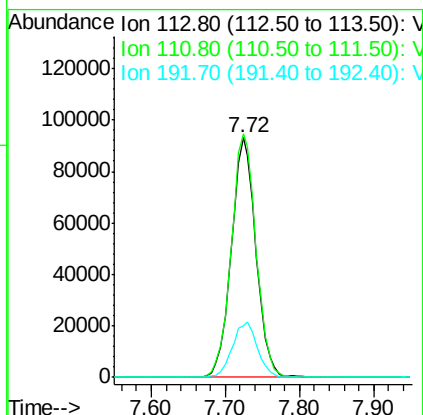
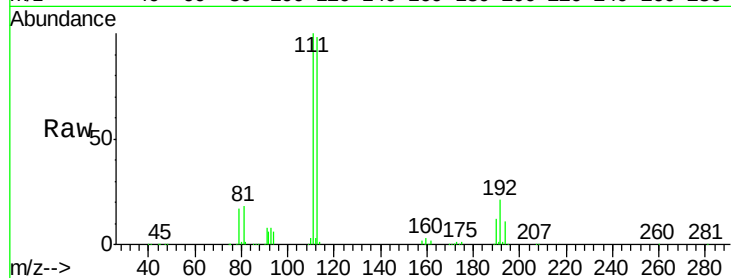




#35
 Dibromofluoromethane
 Concen: 54.580 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003374.D
 Acq: 28 Jul 2020 14:39

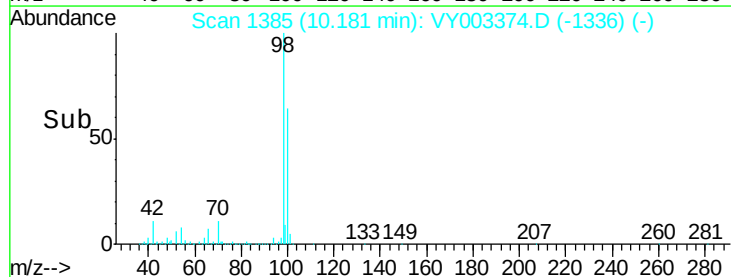
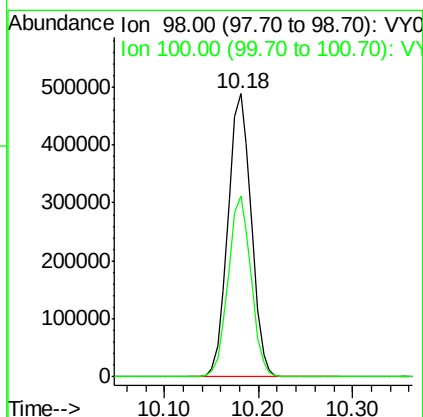
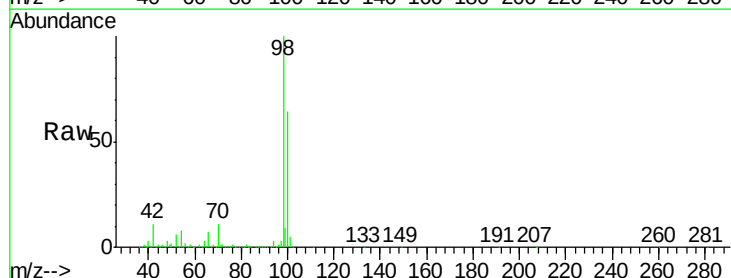
Instrument :
 MSVOA_Y
 ClientSampleId :
 CARLSTADT-TOPSOIL-2020RE

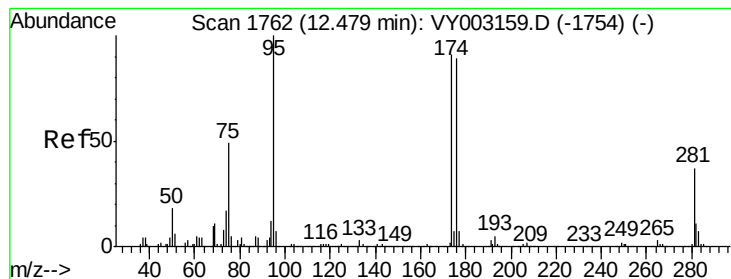
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.1	123.1
192	23.5	18.8	28.2



#50
 Toluene-d8
 Concen: 57.205 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003374.D
 Acq: 28 Jul 2020 14:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.7	76.1





#62

4-Bromofluorobenzene

Concen: 51.307 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003374.D

Acq: 28 Jul 2020 14:39

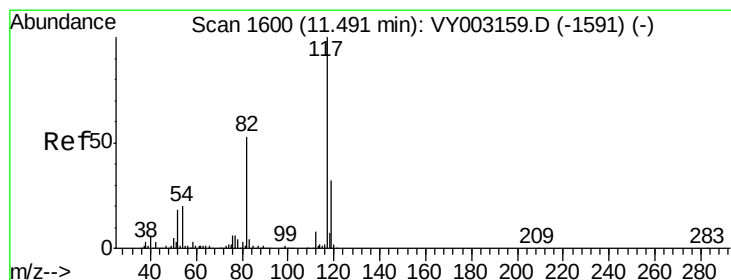
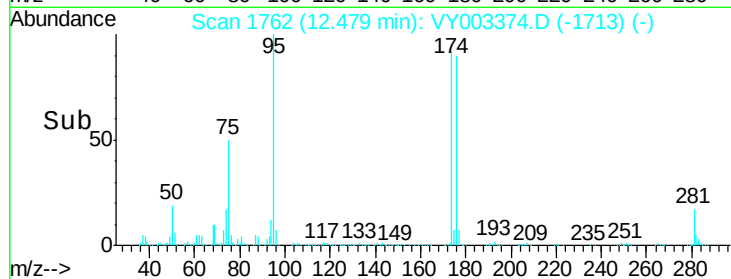
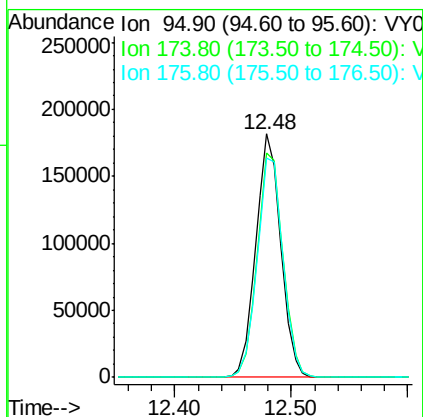
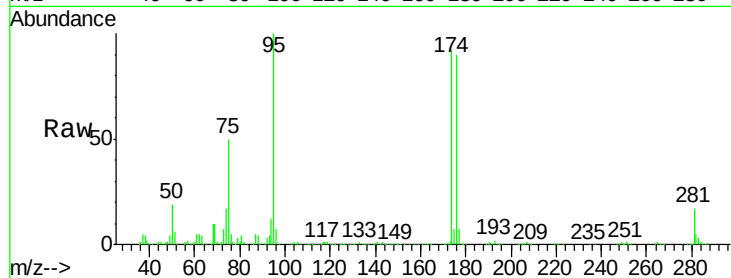
Instrument :

MSVOA_Y

ClientSampleId :

CARLSTADT-TOPSOIL-2020RE

Tgt Ion:	95	Resp:	271115
Ion Ratio	Lower	Upper	
95	100		
174	94.9	0.0	190.6
176	93.2	0.0	186.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

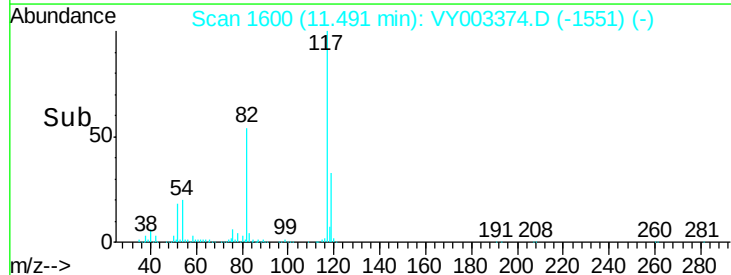
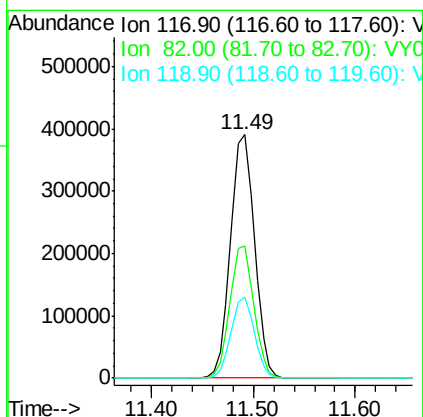
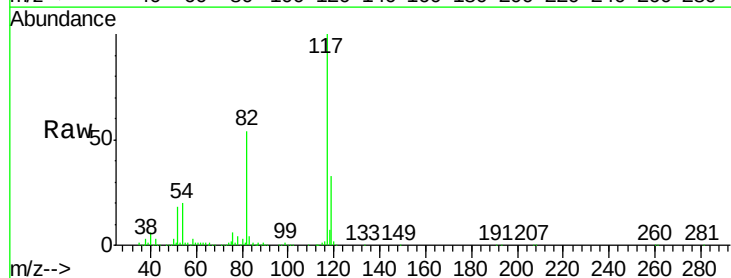
RT: 11.49 min Scan# 1600

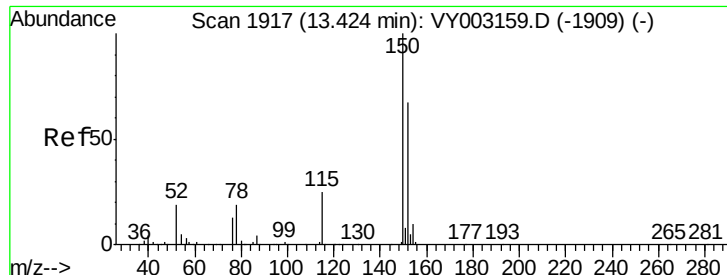
Delta R.T. -0.00 min

Lab File: VY003374.D

Acq: 28 Jul 2020 14:39

Tgt Ion:	117	Resp:	636309
Ion Ratio	Lower	Upper	
117	100		
82	54.5	42.0	63.0
119	33.1	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003374.D

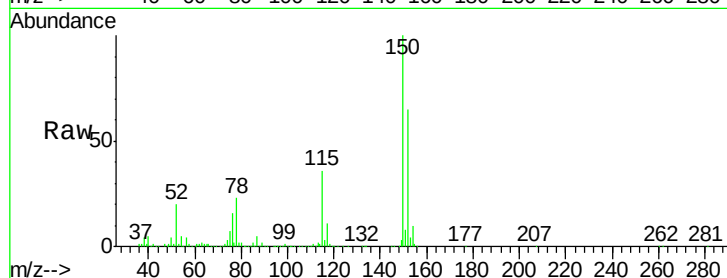
Acq: 28 Jul 2020 14:39

Instrument :

MSVOA_Y

ClientSampleId :

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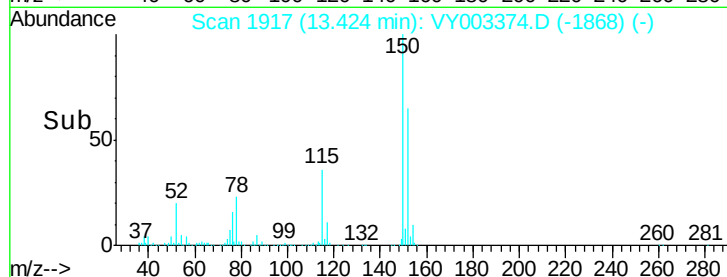
Tgt Ion:152 Resp: 306112

Ion Ratio Lower Upper

152 100

115 55.4 26.9 80.7

150 155.2 0.0 338.0



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

