

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003063.D
 Acq On : 01 Jul 2020 17:00
 Operator : SY/MD
 Sample : L3192-01
 Misc : 6.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-MW180-SOIL-600-604

Quant Time: Jul 02 03:18:25 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

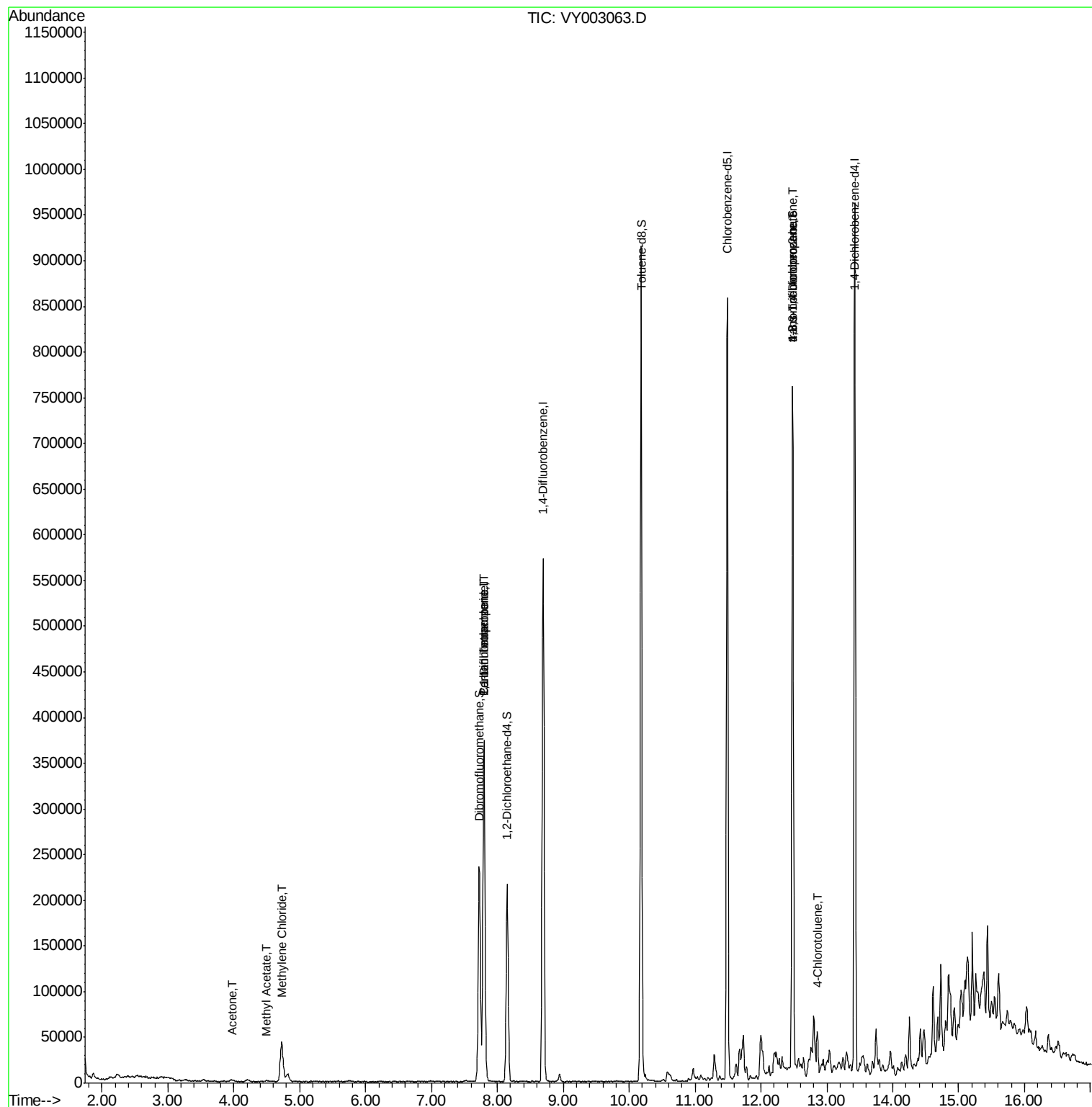
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	303805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	488199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	473392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	242094	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	171410	56.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.62%	
35) Dibromofluoromethane	7.72	113	163940	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
50) Toluene-d8	10.18	98	593441	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
62) 4-Bromofluorobenzene	12.48	95	212750	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
Target Compounds						
16) Acetone	3.96	43	2718	3.819	ug/l	93
18) Methyl Acetate	4.50	43	2181	1.138	ug/l	97
20) Methylene Chloride	4.72	84	32784	3.896	ug/l	97
36) 1,1-Dichloropropene	7.80	75	21777	4.631	ug/l #	50
38) Carbon Tetrachloride	7.80	117	27435	5.607	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	110448	46.097	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	110448	89.686	ug/l #	12
82) 4-Chlorotoluene	12.86	91	18590	1.679	ug/l	92

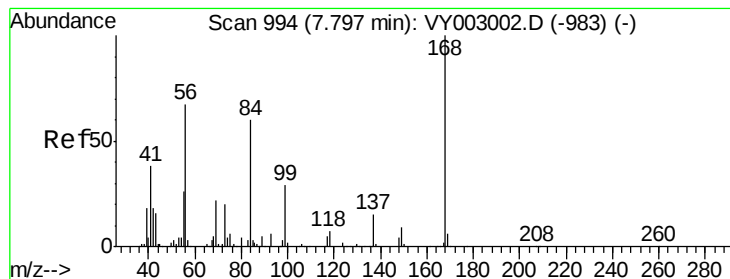
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
Data File : VY003063.D
Acq On : 01 Jul 2020 17:00
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Sample : L3192-01
Misc : 6.77G/5ML/MSVOA Y/SOIL
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Instrument :
MSVOA_Y
ClientSampleId :
BP-MW180-SOIL-600-604

Quant Time: Jul 02 03:18:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
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: VY003063.D

Acq: 01 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

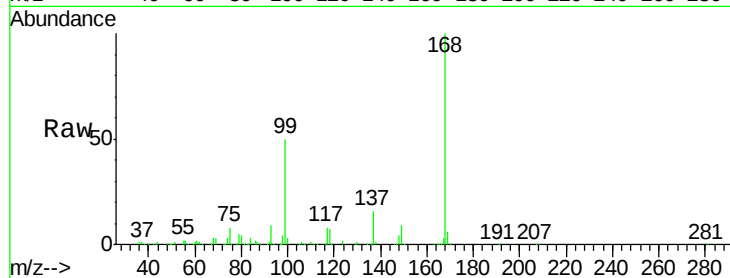
BP-MW180-SOIL-600-604

Tot Ion:168 Resp: 303805

Ion Ratio Lower Upper

168 100

99 50.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

7.80

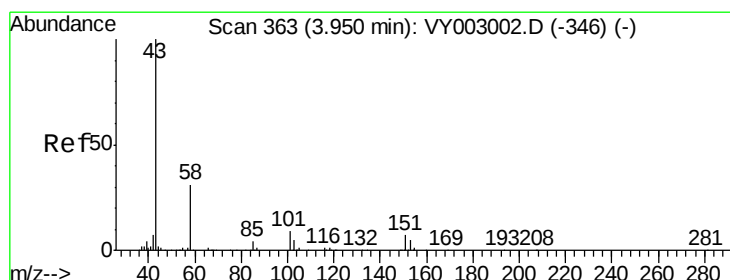
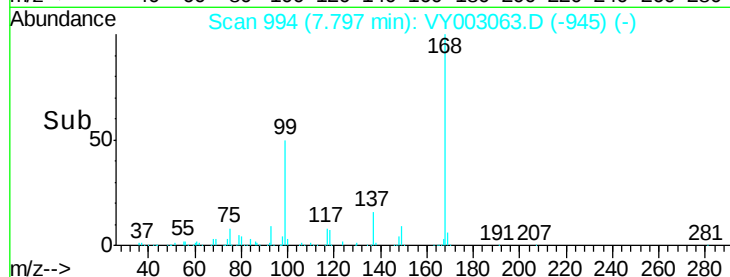
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.819 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003063.D

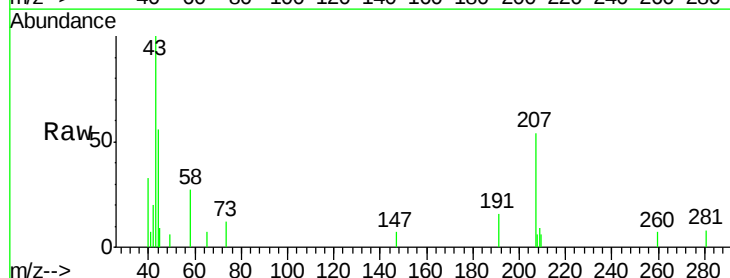
Acq: 01 Jul 2020 17:00

Tgt Ion: 43 Resp: 2718

Ion Ratio Lower Upper

43 100

58 27.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-346) (-)

Ion 58.00 (57.70 to 58.70): VY003002.D (-346) (-)

3.96

1000

800

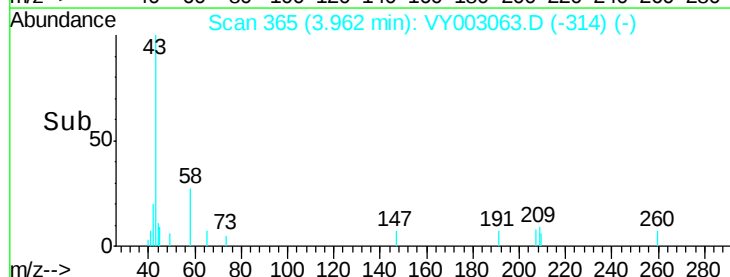
600

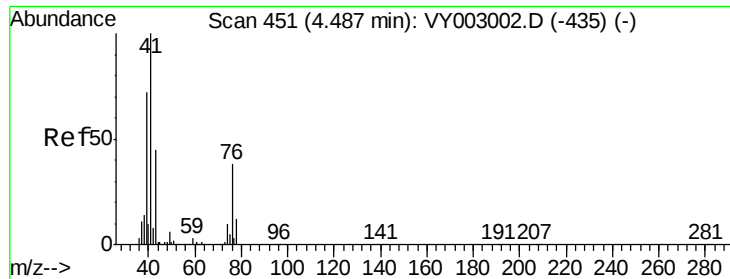
400

200

0

Time-->

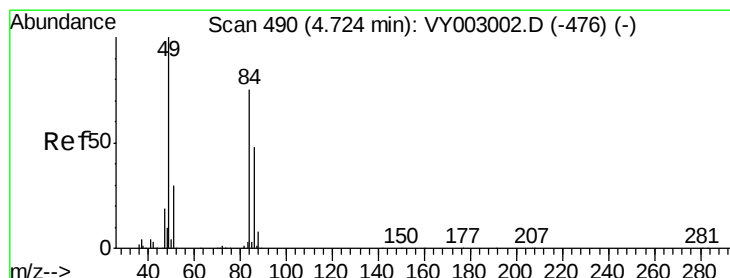
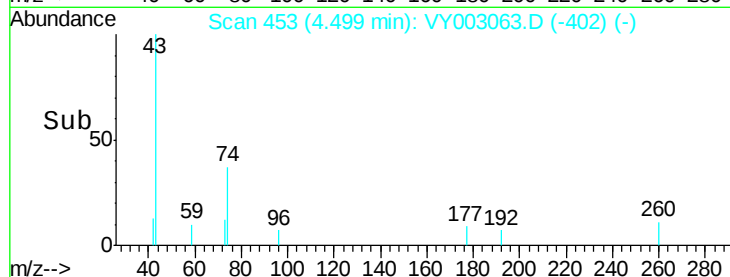
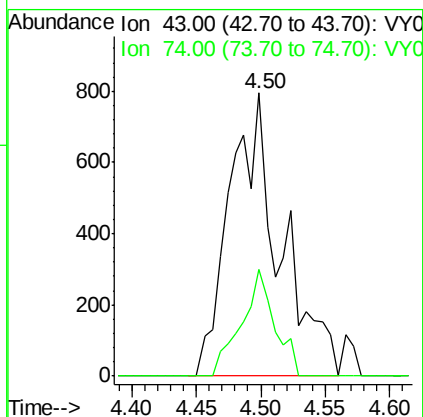
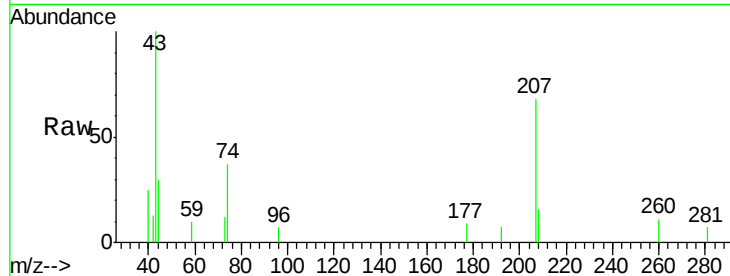




#18
Methvl Acetate
Concen: 1.138 ug/l
RT: 4.50 min Scan# 453
Delta R.T. 0.01 min
Lab File: VY003063.D
Acq: 01 Jul 2020 17:00

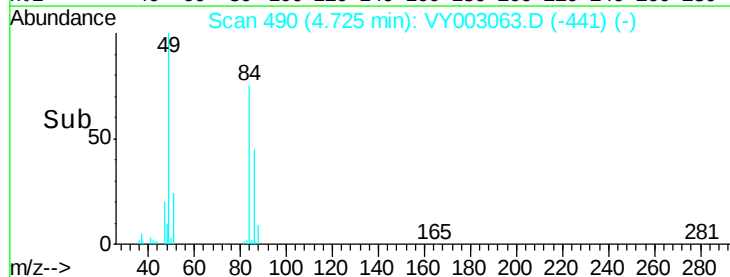
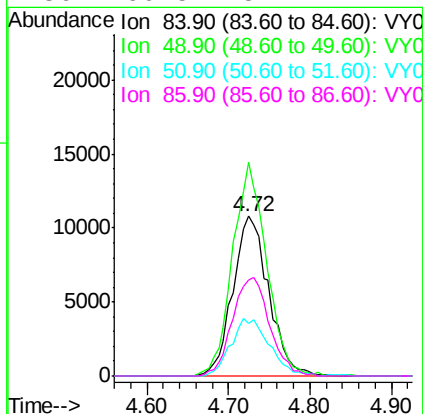
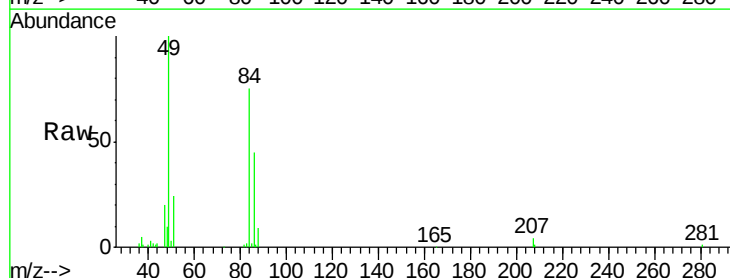
Instrument :
MSVOA_Y
ClientSampleId :
BP-MW180-SOIL-600-604

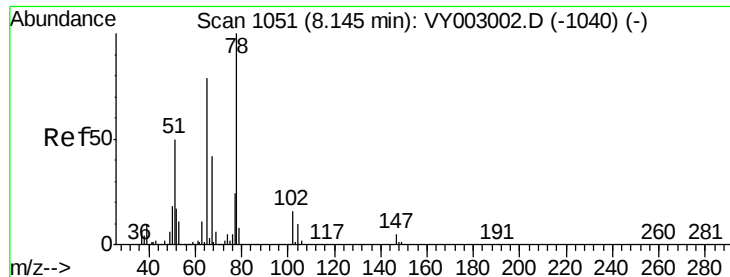
Tot Ion: 43 Resp: 2181
Ion Ratio Lower Upper
43 100
74 24.4 18.2 27.4



#20
Methylene Chloride
Concen: 3.896 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003063.D
Acq: 01 Jul 2020 17:00

Tgt Ion: 84 Resp: 32784
Ion Ratio Lower Upper
84 100
49 133.9 106.8 160.2
51 32.8 32.0 48.0
86 60.5 51.4 77.2

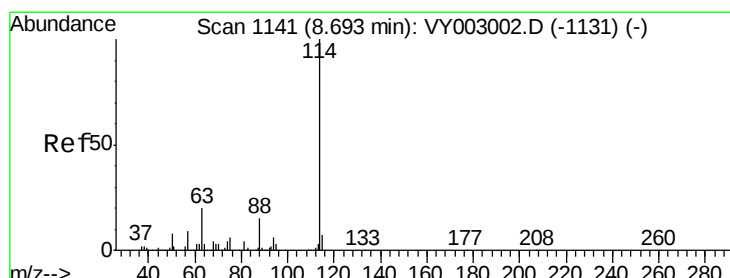
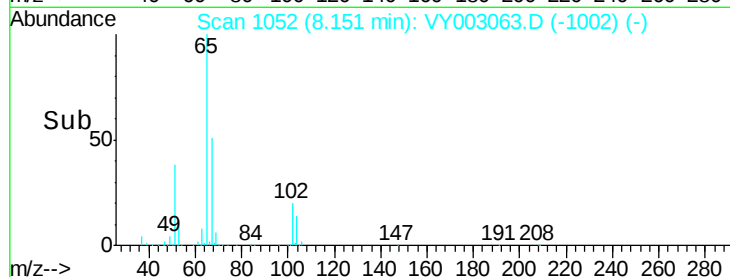
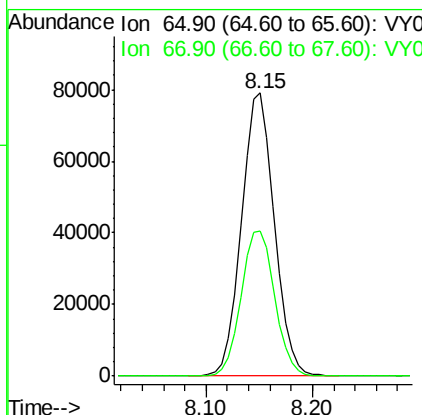
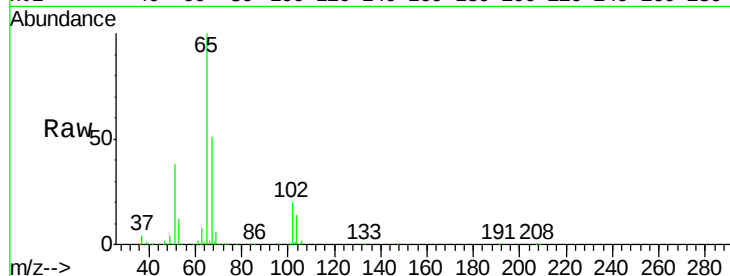




#33
 1,2-Dichloroethane-d4
 Concen: 56.807 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003063.D
 Acq: 01 Jul 2020 17:00

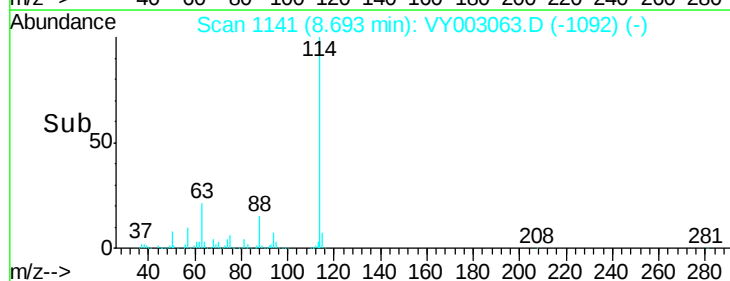
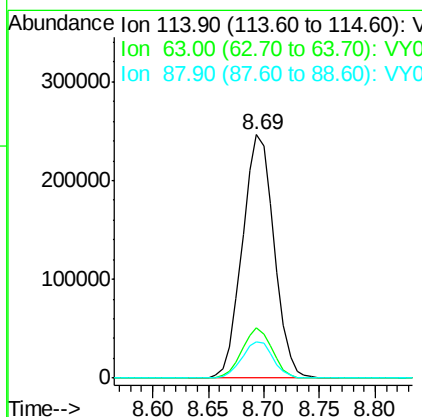
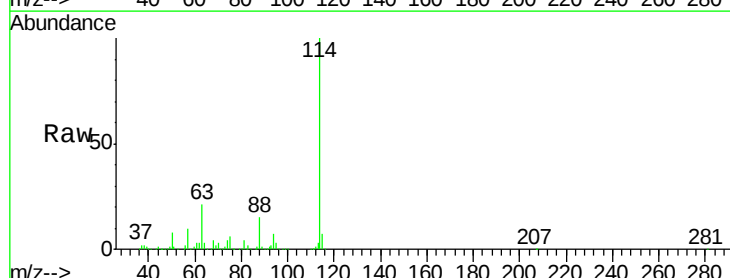
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-MW180-SOIL-600-604

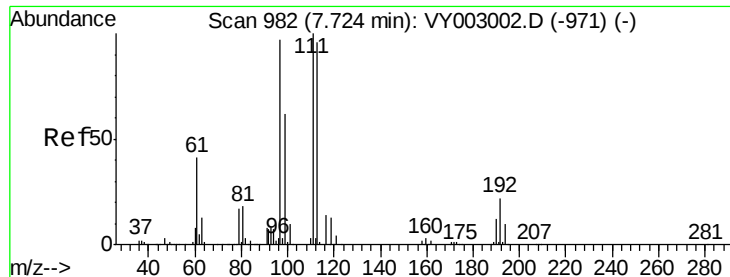
Tot Ion: 65 Resp: 171410
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003063.D
 Acq: 01 Jul 2020 17:00

Tgt Ion: 114 Resp: 488199
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.6
 88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 53.831 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003063.D

Acq: 01 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

BP-MW180-SOIL-600-604

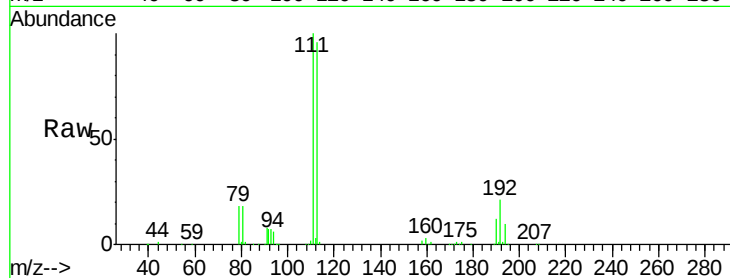
Tot Ion:113 Resp: 163940

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

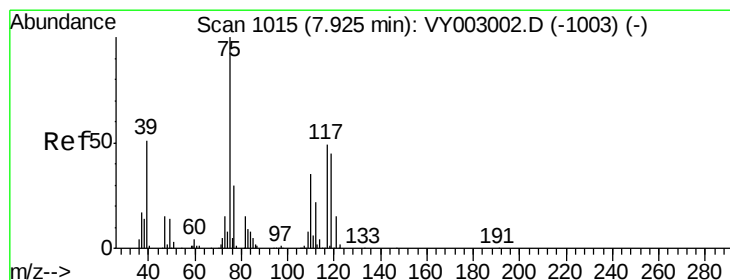
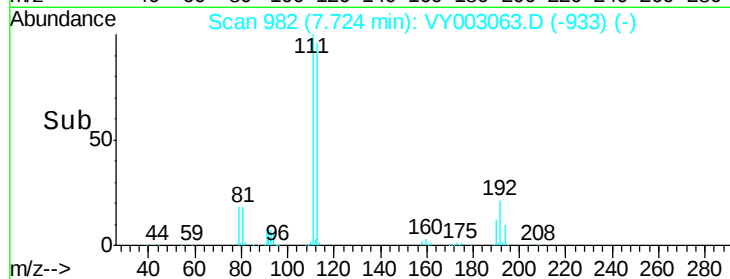
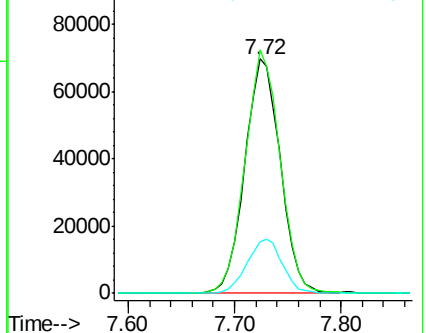
192 22.9 18.1 27.1



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



#36

1,1-Dichloropropene

Concen: 4.631 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY003063.D

Acq: 01 Jul 2020 17:00

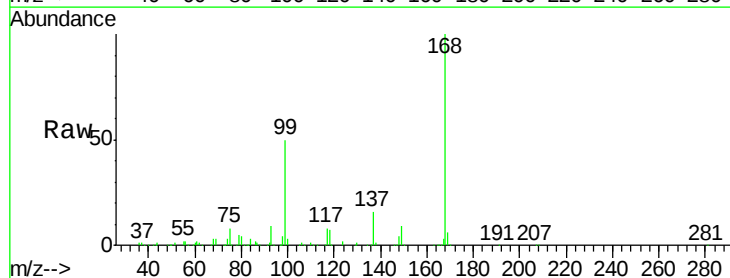
Tgt Ion: 75 Resp: 21777

Ion Ratio Lower Upper

75 100

110 9.3 17.1 51.2#

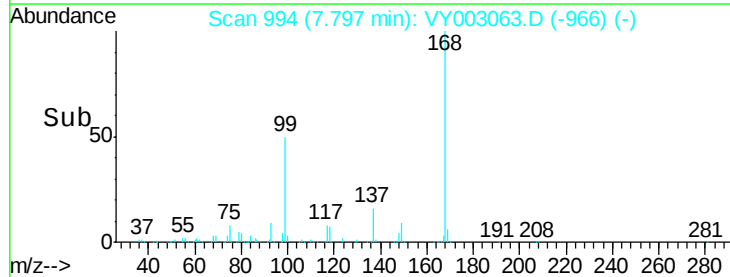
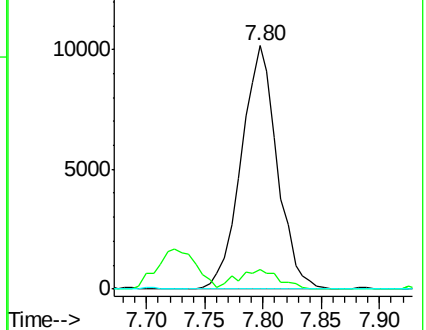
77 0.0 24.9 37.3#

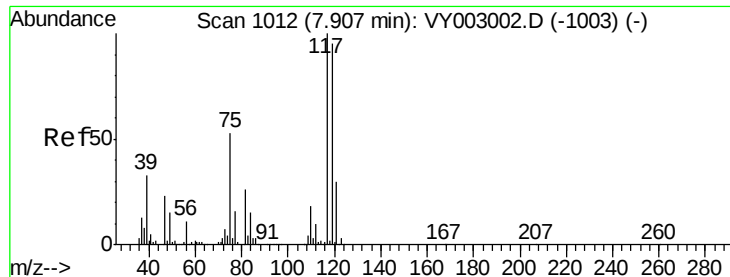


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0





#38

Carbon Tetrachloride

Concen: 5.607 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.10 min

Lab File: VY003063.D

Acq: 01 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

BP-MW180-SOIL-600-604

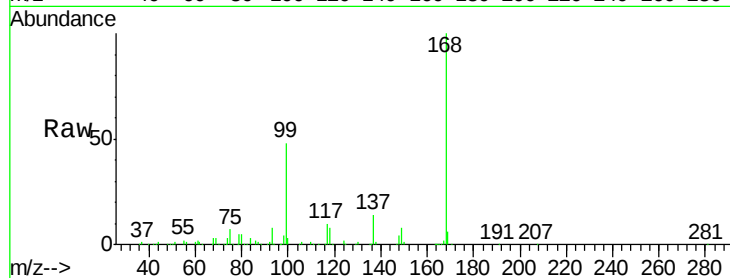
Tot Ion:117 Resp: 27435

Ion Ratio Lower Upper

117 100

119 5.1 75.7 113.5#

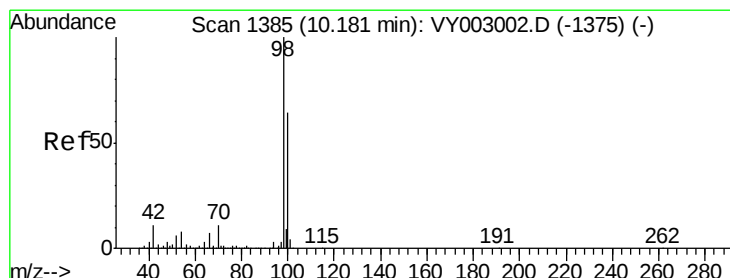
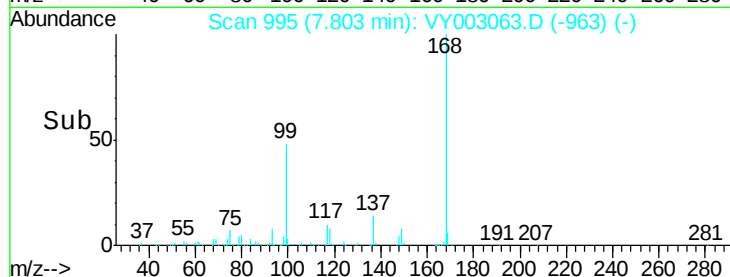
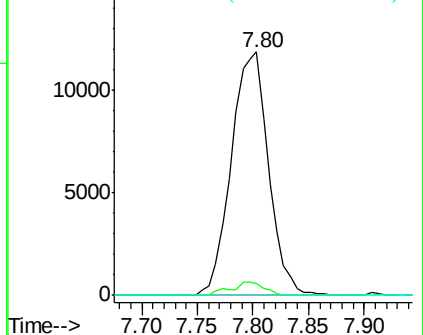
121 0.0 23.9 35.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 52.305 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003063.D

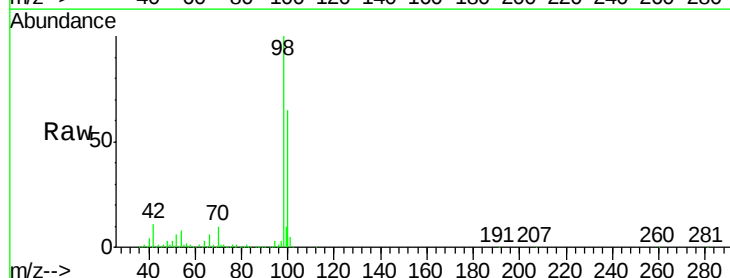
Acq: 01 Jul 2020 17:00

Tgt Ion: 98 Resp: 593441

Ion Ratio Lower Upper

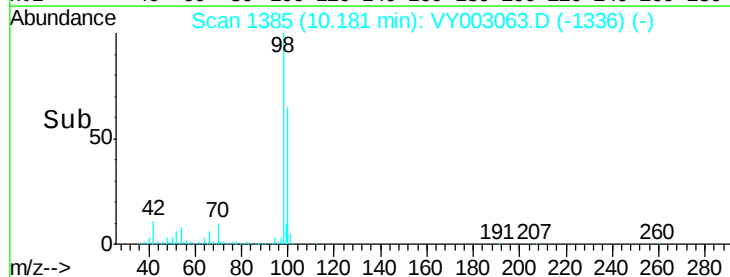
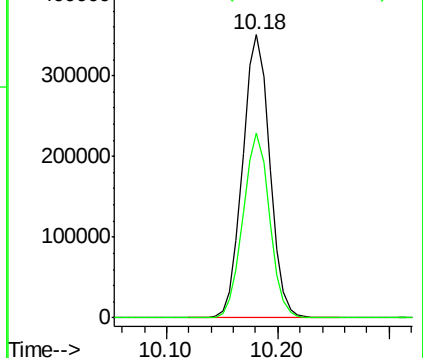
98 100

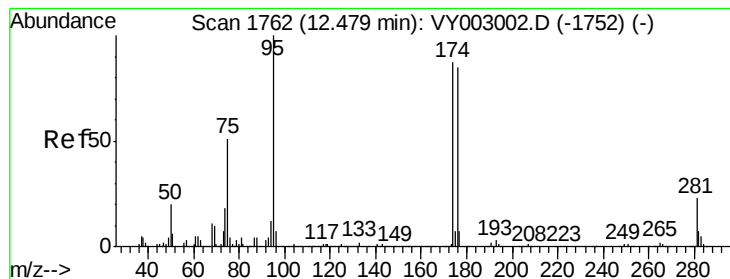
100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 53.271 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003063.D

Acq: 01 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

BP-MW180-SOIL-600-604

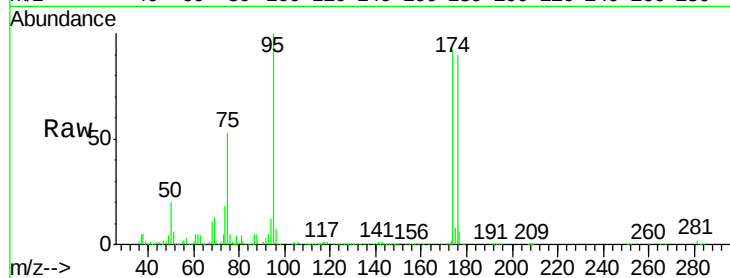
Tot Ion: 95 Resp: 212750

Ion Ratio Lower Upper

95 100

174 95.2 0.0 184.8

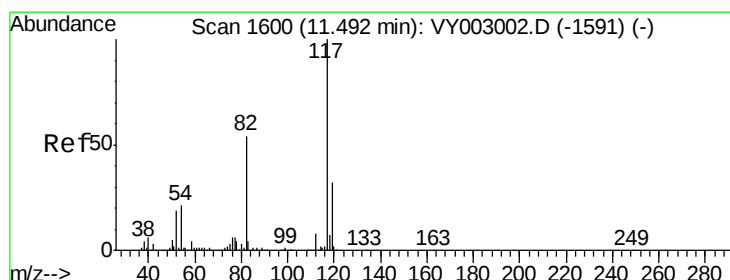
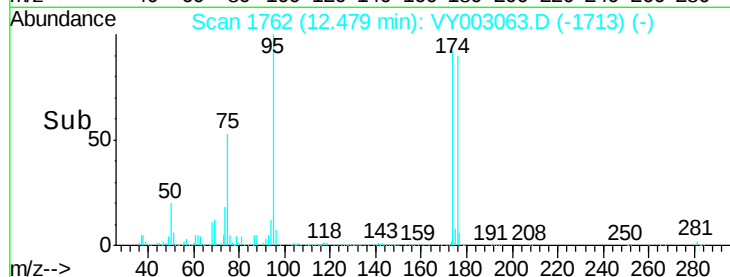
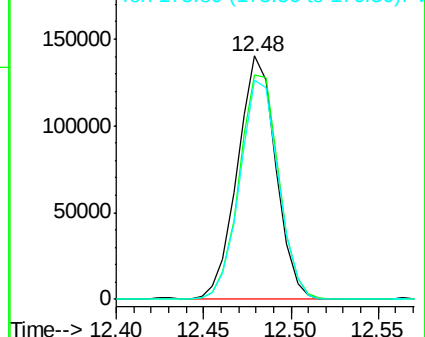
176 91.5 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003063.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003063.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003063.D (-1752) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003063.D

Acq: 01 Jul 2020 17:00

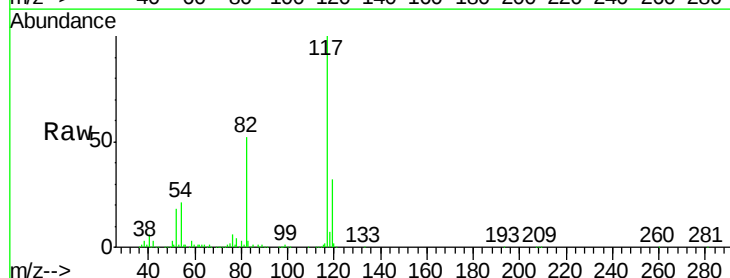
Tgt Ion: 117 Resp: 473392

Ion Ratio Lower Upper

117 100

82 52.4 43.0 64.6

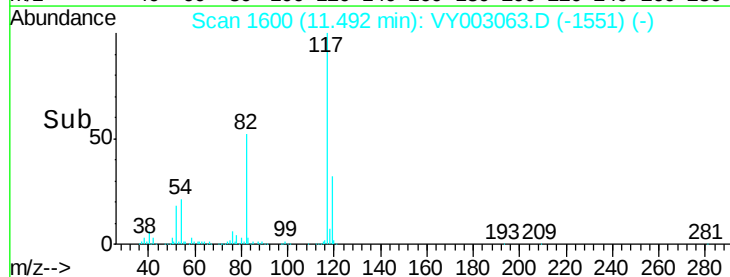
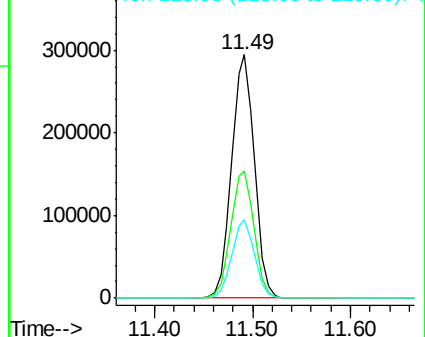
119 32.2 25.8 38.8

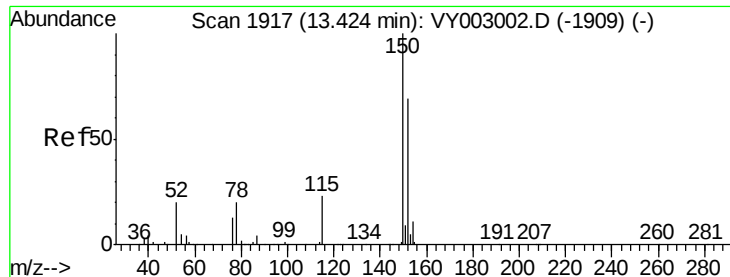


Abundance Ion 116.90 (116.60 to 117.60): VY003063.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003063.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003063.D (-1591) (-)



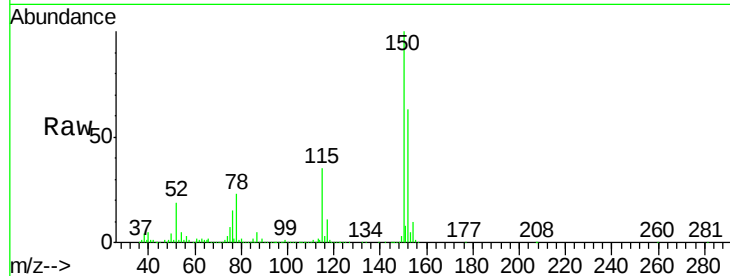


#72

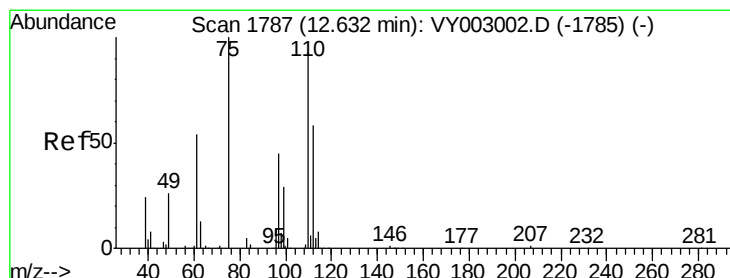
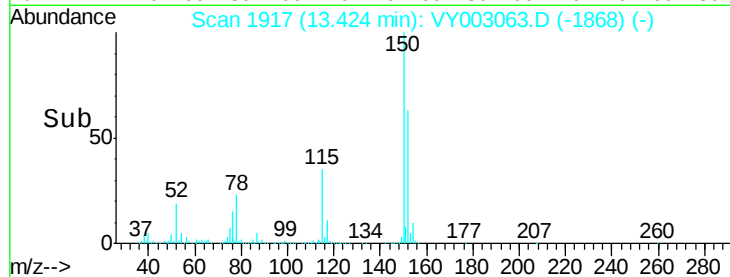
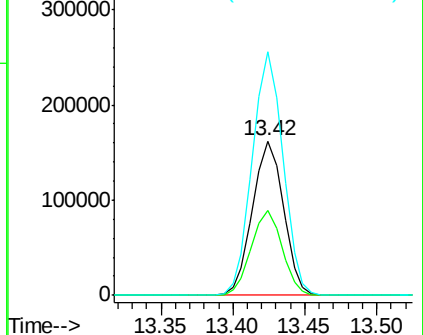
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003063.D
Acq: 01 Jul 2020 17:00

Instrument :
MSVOA_Y
ClientSampleId :
BP-MW180-SOIL-600-604

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.3	81.9
150	155.9	0.0	343.4



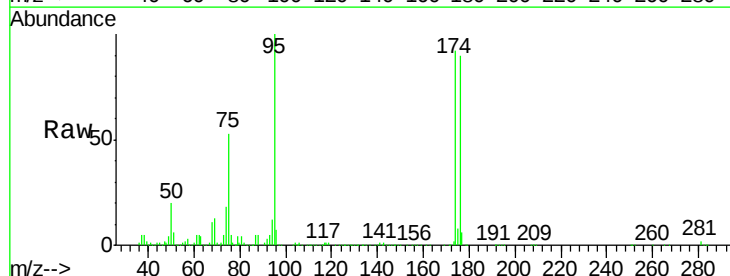
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



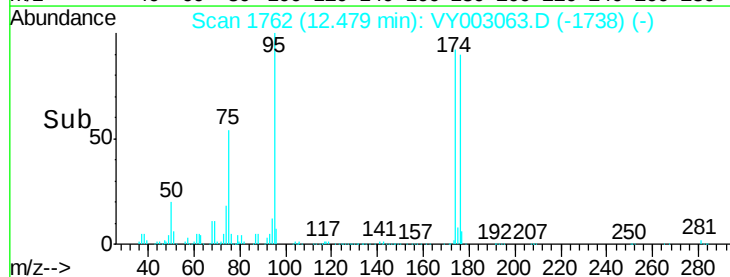
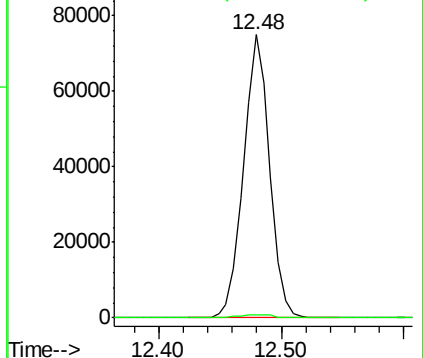
#76

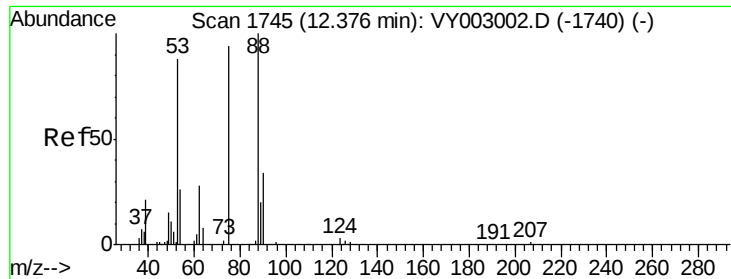
1,2,3-Trichloropropane
Concen: 46.097 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY003063.D
Acq: 01 Jul 2020 17:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 89.686 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY003063.D

Acq: 01 Jul 2020 17:00

Instrument :

MSVOA_Y

ClientSampleId :

BP-MW180-SOIL-600-604

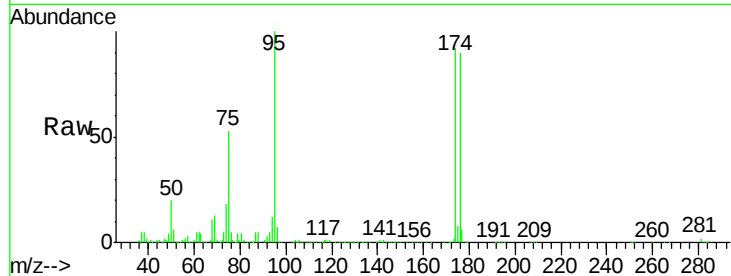
Tot Ion: 75 Resp: 110448

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

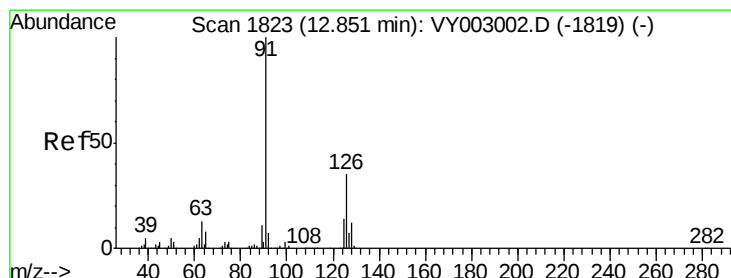
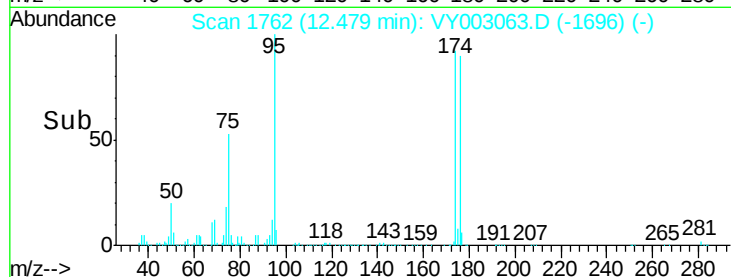
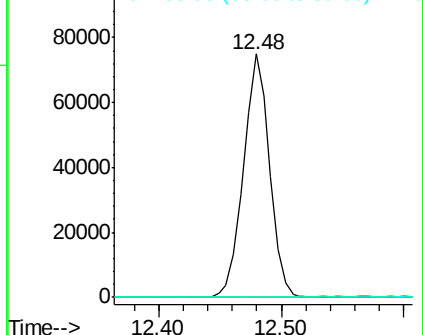
89 0.0 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 1.679 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VY003063.D

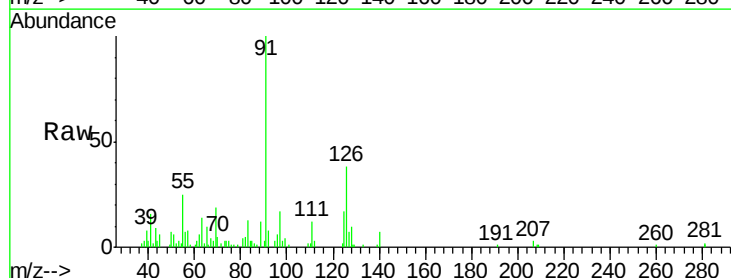
Acq: 01 Jul 2020 17:00

Tgt Ion: 91 Resp: 18590

Ion Ratio Lower Upper

91 100

126 39.4 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

