

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003232.D
 Acq On : 20 Jul 2020 15:26
 Operator : SY/MD
 Sample : L3308-01RE
 Misc : 5.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1RE

Quant Time: Jul 21 04:33:26 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

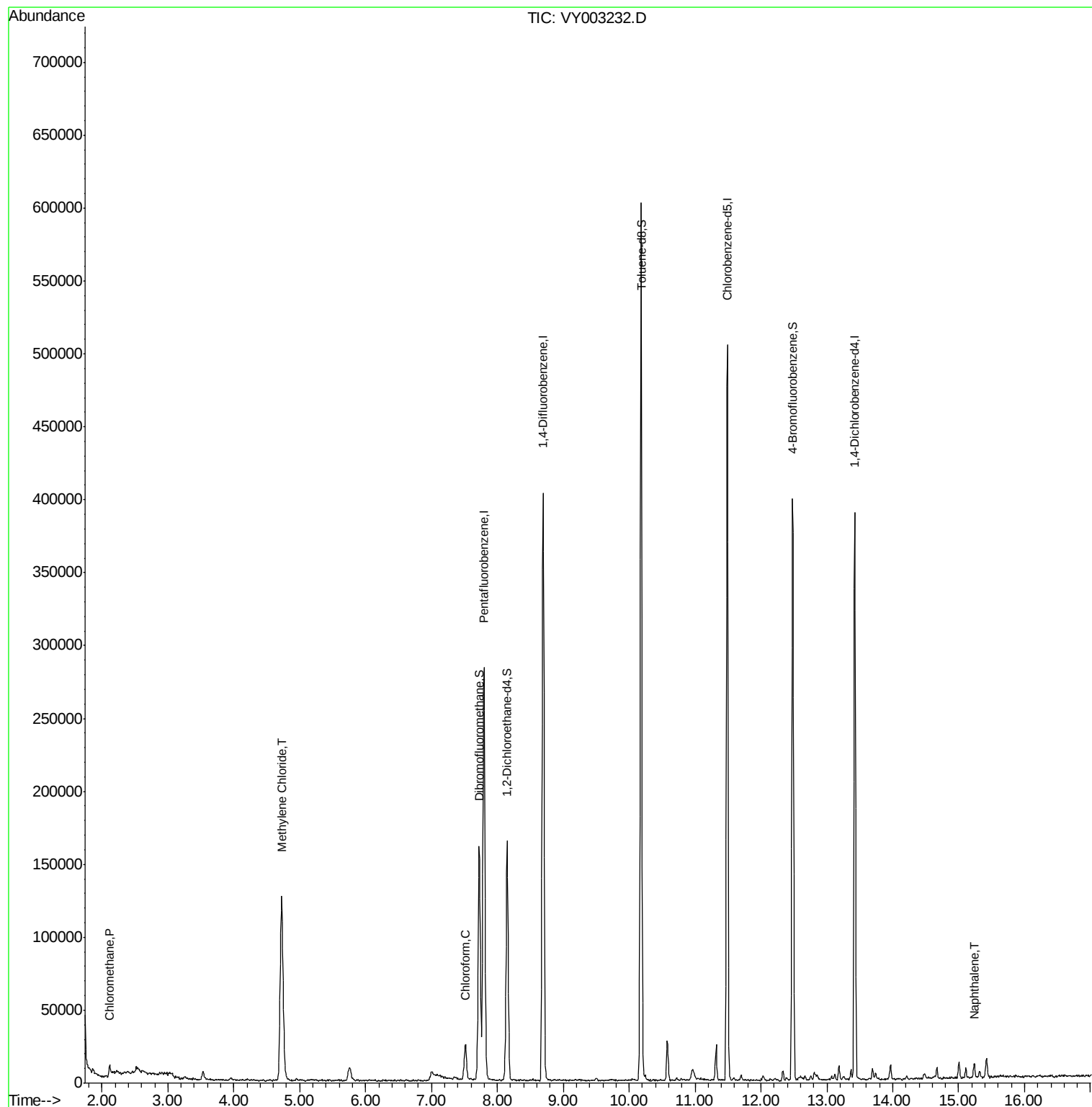
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	228126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	334923	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	267765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	98442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	129333	67.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.34%	
35) Dibromofluoromethane	7.72	113	110458	57.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.62%	
50) Toluene-d8	10.18	98	389757	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
62) 4-Bromofluorobenzene	12.48	95	105087	40.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.18%	
Target Compounds						
3) Chloromethane	2.12	50	4491	1.980	ug/l	100
20) Methylene Chloride	4.73	84	94480	42.878	ug/l	98
30) Chloroform	7.52	83	22836	6.122	ug/l	91
95) Naphthalene	15.24	128	7845	2.514	ug/l #	93

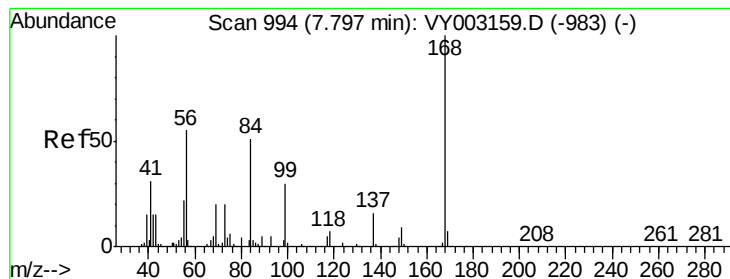
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
Data File : VY003232.D
Acq On : 20 Jul 2020 15:26
Operator : SY/MD
Sample : L3308-01RE
Misc : 5.07G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
1RE

Quant Time: Jul 21 04:33:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 13:18:03 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: VY003232.D

Acq: 20 Jul 2020 15:26

Instrument :

MSVOA_Y

ClientSampleId :

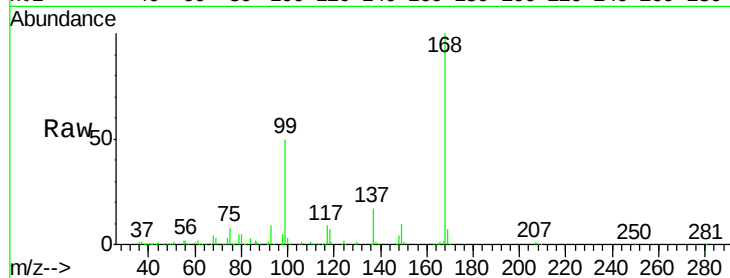
1RE

Tot Ion:168 Resp: 228126

Ion Ratio Lower Upper

168 100

99 49.7 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003232.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003232.D (-945) (-)

7.80

100000

80000

60000

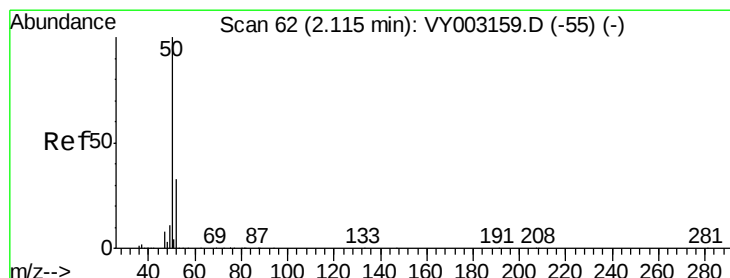
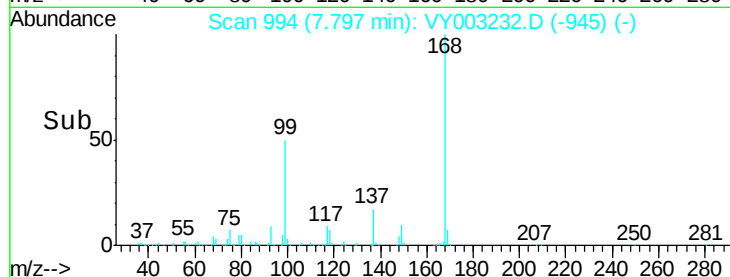
40000

20000

0

Time-->

7.70 7.80 7.90



#3

Chloromethane

Concen: 1.980 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003232.D

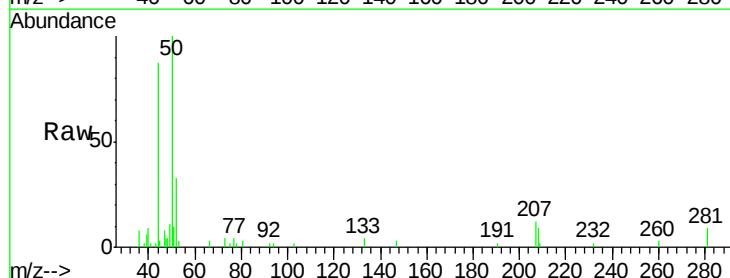
Acq: 20 Jul 2020 15:26

Tgt Ion: 50 Resp: 4491

Ion Ratio Lower Upper

50 100

52 33.3 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VY003232.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003232.D (-13) (-)

2.12

4000

3000

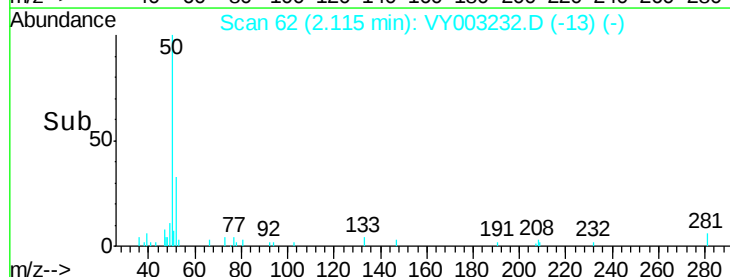
2000

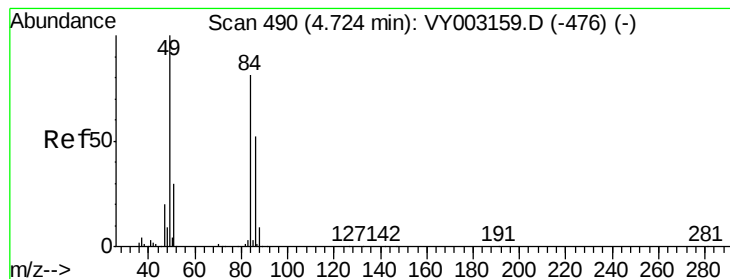
1000

0

Time-->

2.05 2.10 2.15





#20

Methylene Chloride

Concen: 42.878 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003232.D

Acq: 20 Jul 2020 15:26

Instrument :
MSVOA_Y
ClientSampleId :
1RE

Tot Ion: 84 Resp: 94480

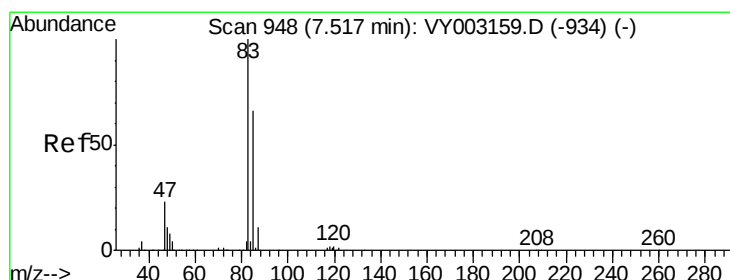
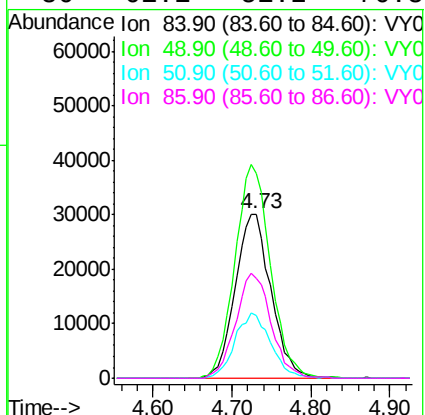
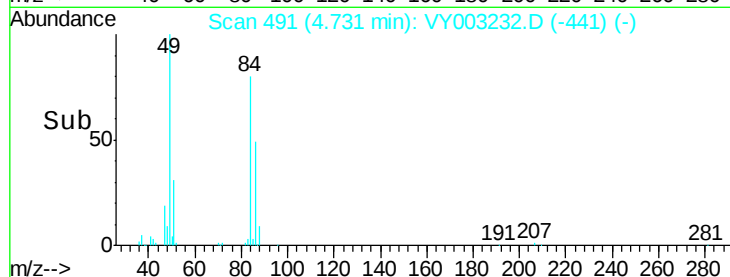
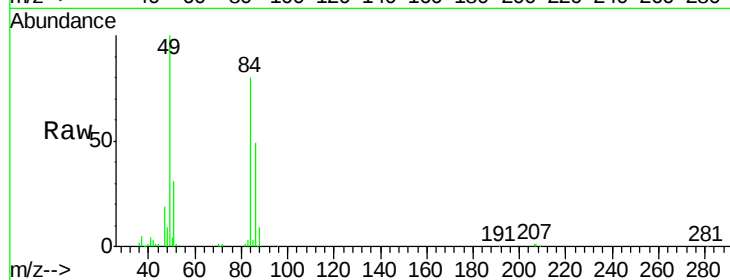
Ion Ratio Lower Upper

84 100

49 124.6 98.2 147.4

51 38.2 29.8 44.6

86 61.1 51.2 76.8



#30

Chloroform

Concen: 6.122 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY003232.D

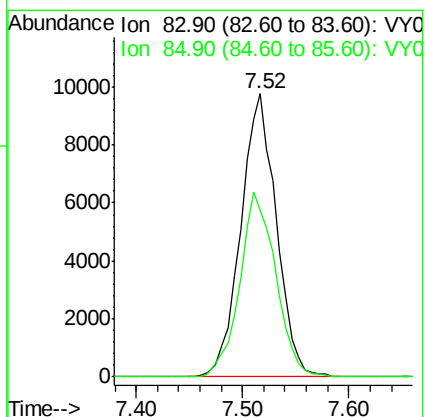
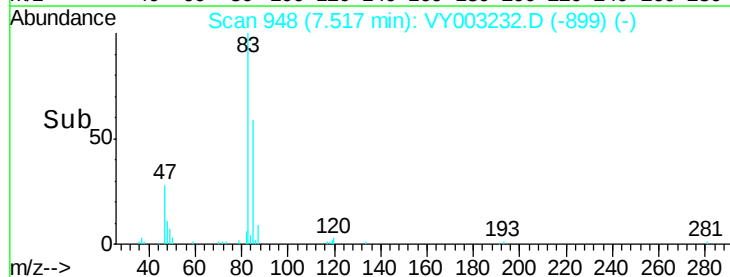
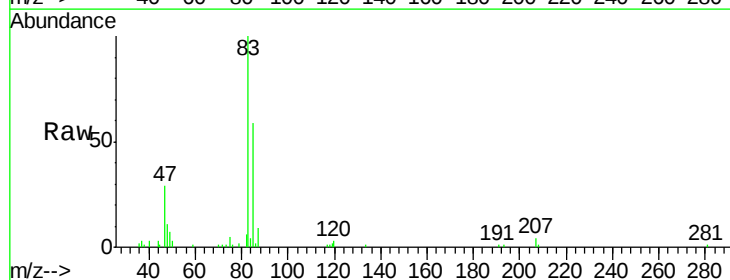
Acq: 20 Jul 2020 15:26

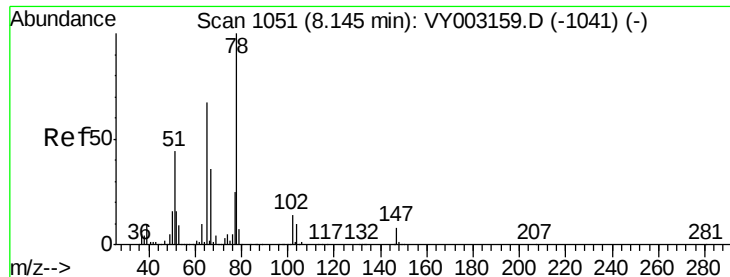
Tgt Ion: 83 Resp: 22836

Ion Ratio Lower Upper

83 100

85 58.9 52.6 78.8

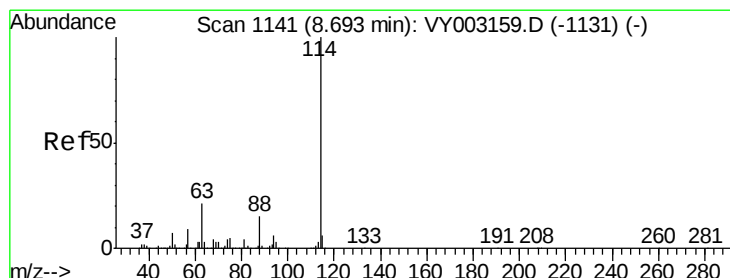
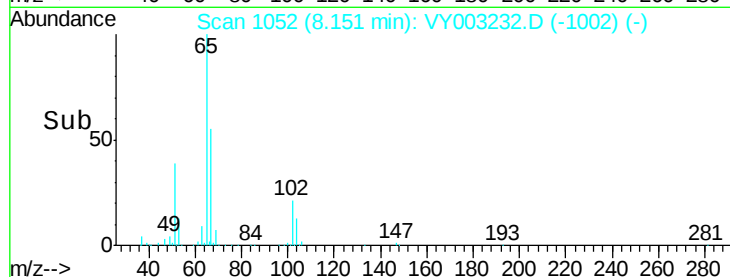
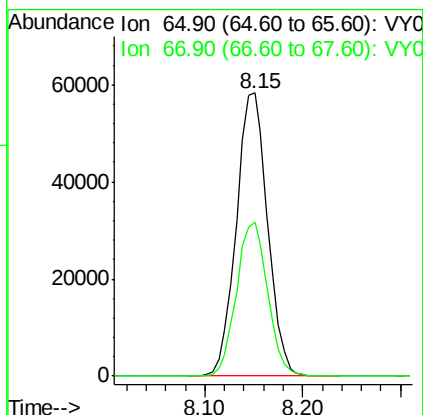
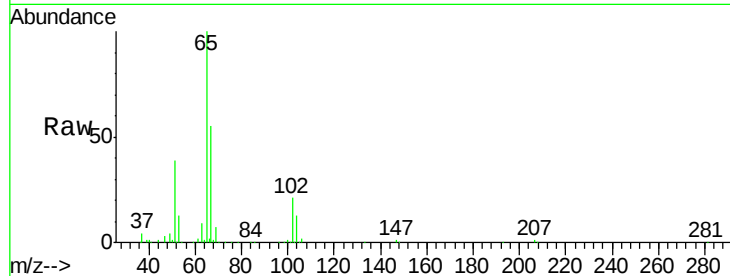




#33
 1,2-Dichloroethane-d4
 Concen: 67.170 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003232.D
 Acq: 20 Jul 2020 15:26

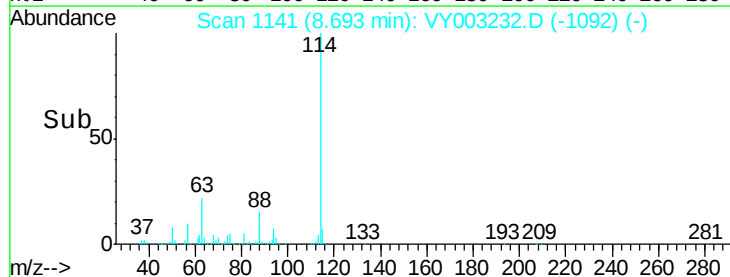
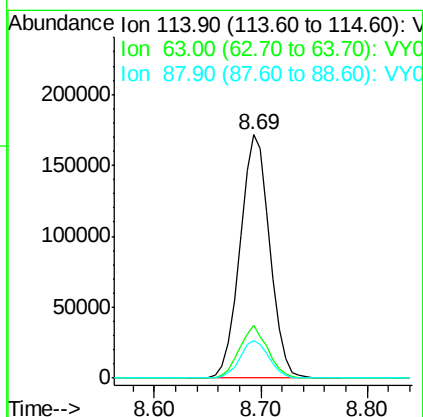
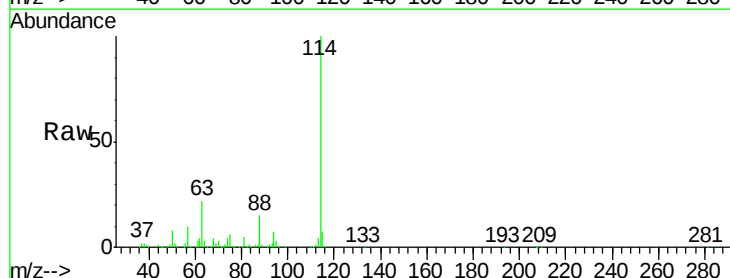
Instrument :
 MSVOA_Y
 ClientSampleId :
 1RE

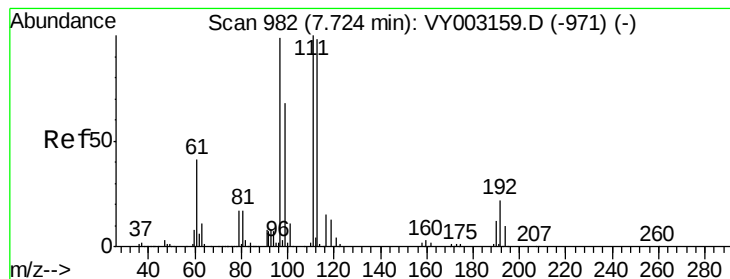
Tot Ion: 65 Resp: 129333
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003232.D
 Acq: 20 Jul 2020 15:26

Tgt Ion: 114 Resp: 334923
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 41.2
 88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 57.309 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003232.D

Acq: 20 Jul 2020 15:26

Instrument :

MSVOA_Y

ClientSampleId :

1RE

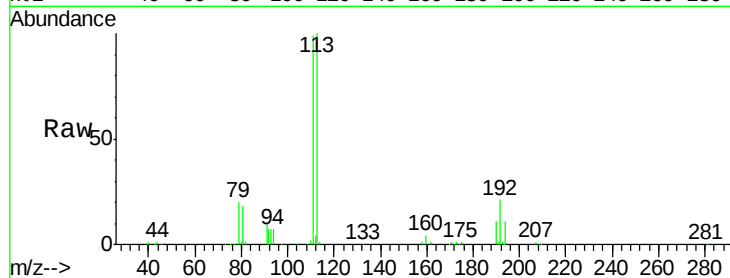
Tot Ion:113 Resp: 110458

Ion Ratio Lower Upper

113 100

111 103.4 82.1 123.1

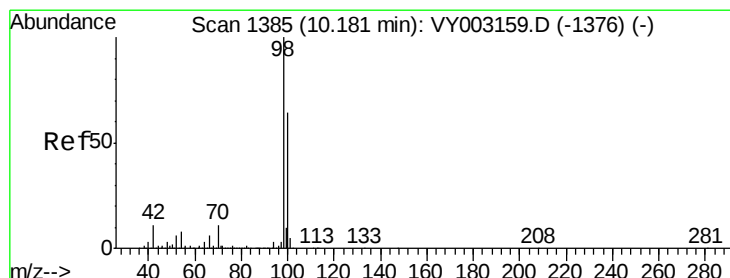
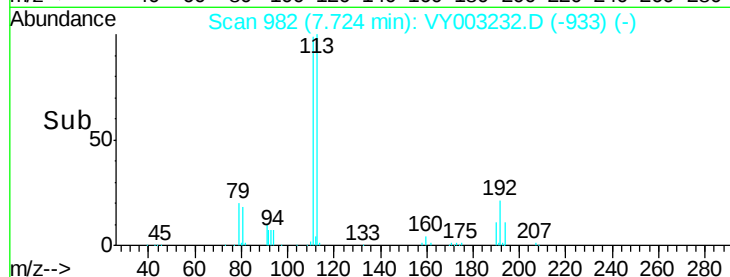
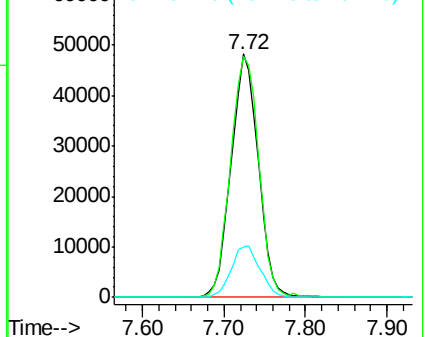
192 22.6 18.8 28.2



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: 54.392 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003232.D

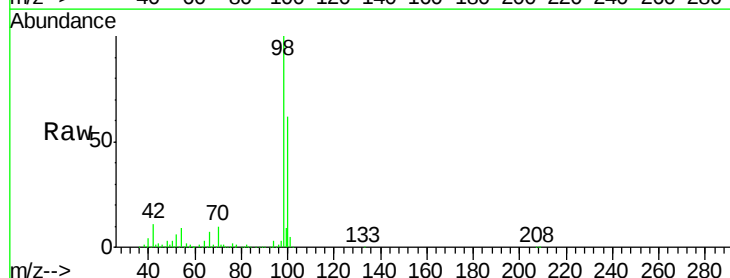
Acq: 20 Jul 2020 15:26

Tgt Ion: 98 Resp: 389757

Ion Ratio Lower Upper

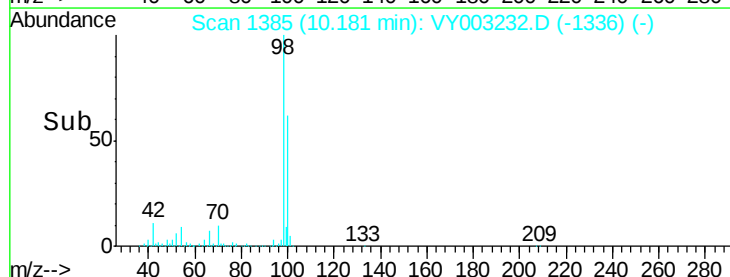
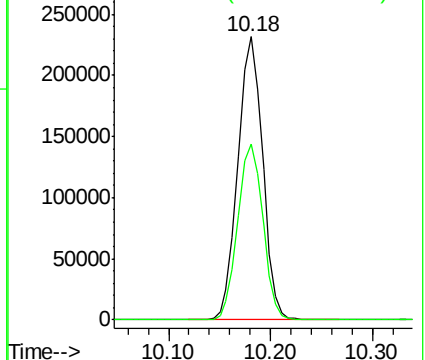
98 100

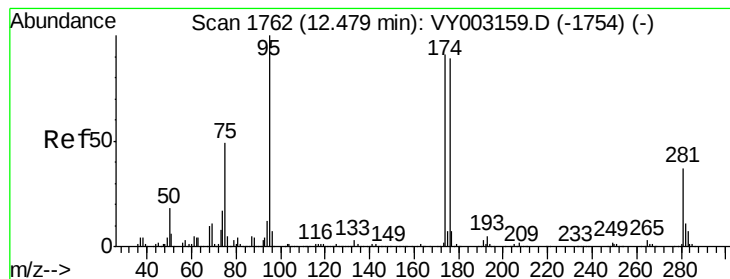
100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 40.594 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003232.D

Acq: 20 Jul 2020 15:26

Instrument :

MSVOA_Y

ClientSampled :

1RE

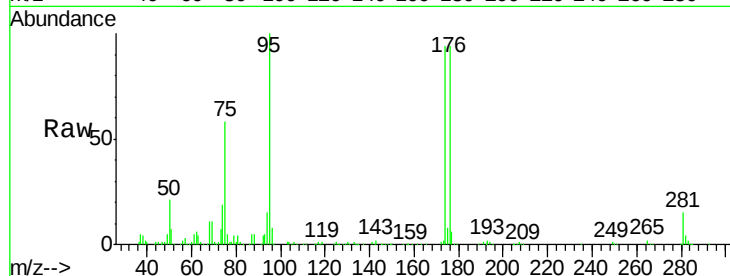
Tot Ion: 95 Resp: 105087

Ion Ratio Lower Upper

95 100

174 94.8 0.0 190.6

176 92.8 0.0 186.4

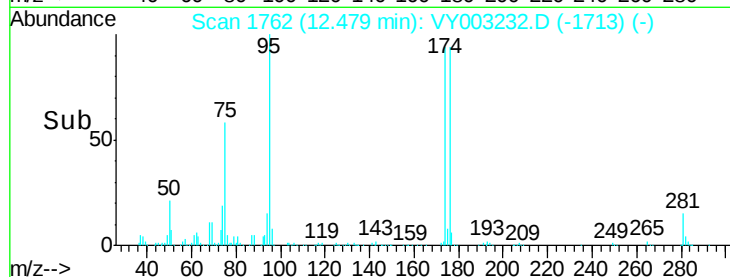


Abundance Ion 94.90 (94.60 to 95.60): VY003232.D (-1754) (-)

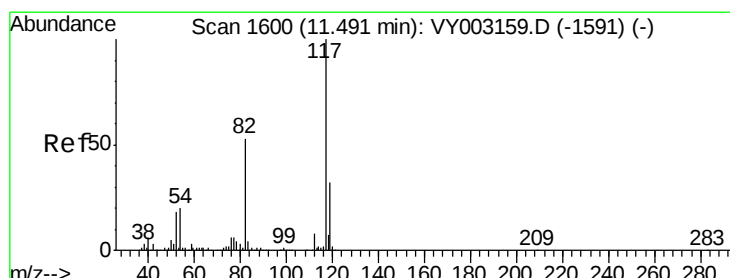
Ion 173.80 (173.50 to 174.50): VY003232.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003232.D (-1754) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003232.D

Acq: 20 Jul 2020 15:26

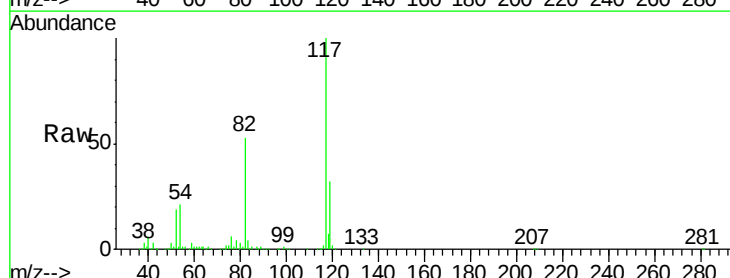
Tgt Ion: 117 Resp: 267765

Ion Ratio Lower Upper

117 100

82 52.6 42.0 63.0

119 32.5 25.5 38.3

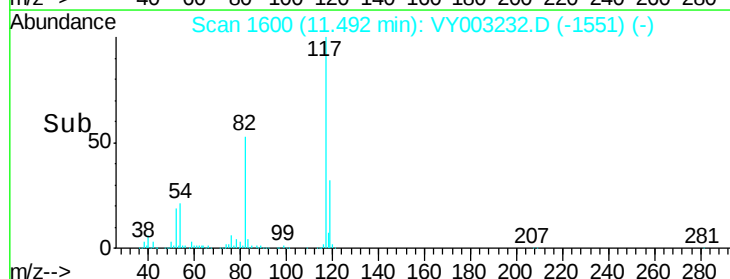


Abundance Ion 116.90 (116.60 to 117.60): VY003232.D (-1551) (-)

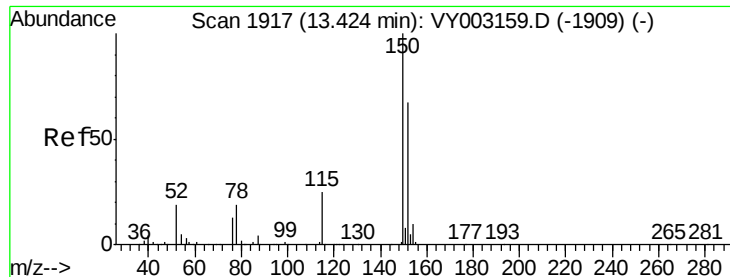
Ion 82.00 (81.70 to 82.70): VY003232.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003232.D (-1551) (-)

Time-->



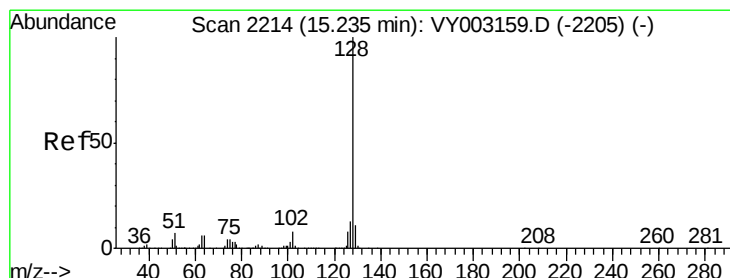
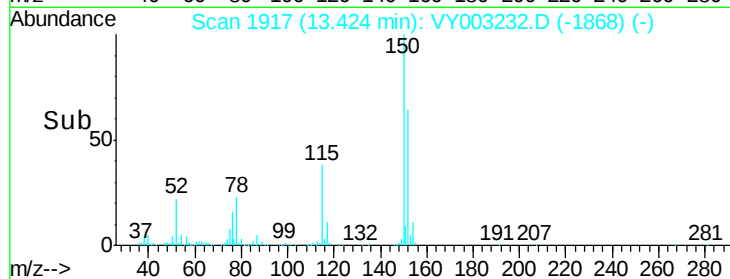
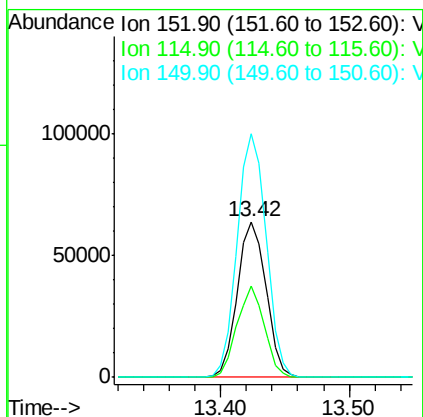
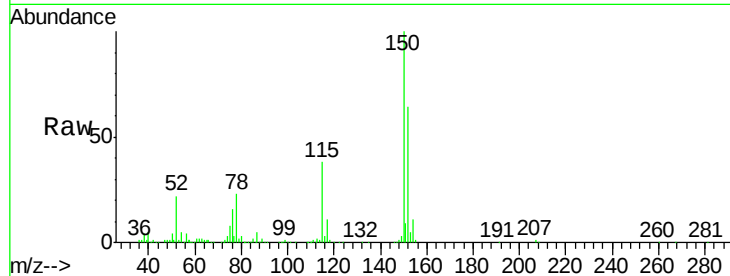
Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VY003232.D
 Acq: 20 Jul 2020 15:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 1RE

Tot Ion:152 Resp: 98442
 Ion Ratio Lower Upper
 152 100
 115 56.1 26.9 80.7
 150 158.5 0.0 338.0



#95
 Naphthalene
 Concen: 2.514 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. 0.01 min
 Lab File: VY003232.D
 Acq: 20 Jul 2020 15:26

Tgt Ion:128 Resp: 7845
 Ion Ratio Lower Upper
 128 100
 127 17.3 10.9 16.3#
 129 13.2 9.0 13.6

