

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003048.D
 Acq On : 30 Jun 2020 20:26
 Operator : SY/MD
 Sample : L3157-02
 Misc : 6.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-D19

Quant Time: Jul 01 06:58:51 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

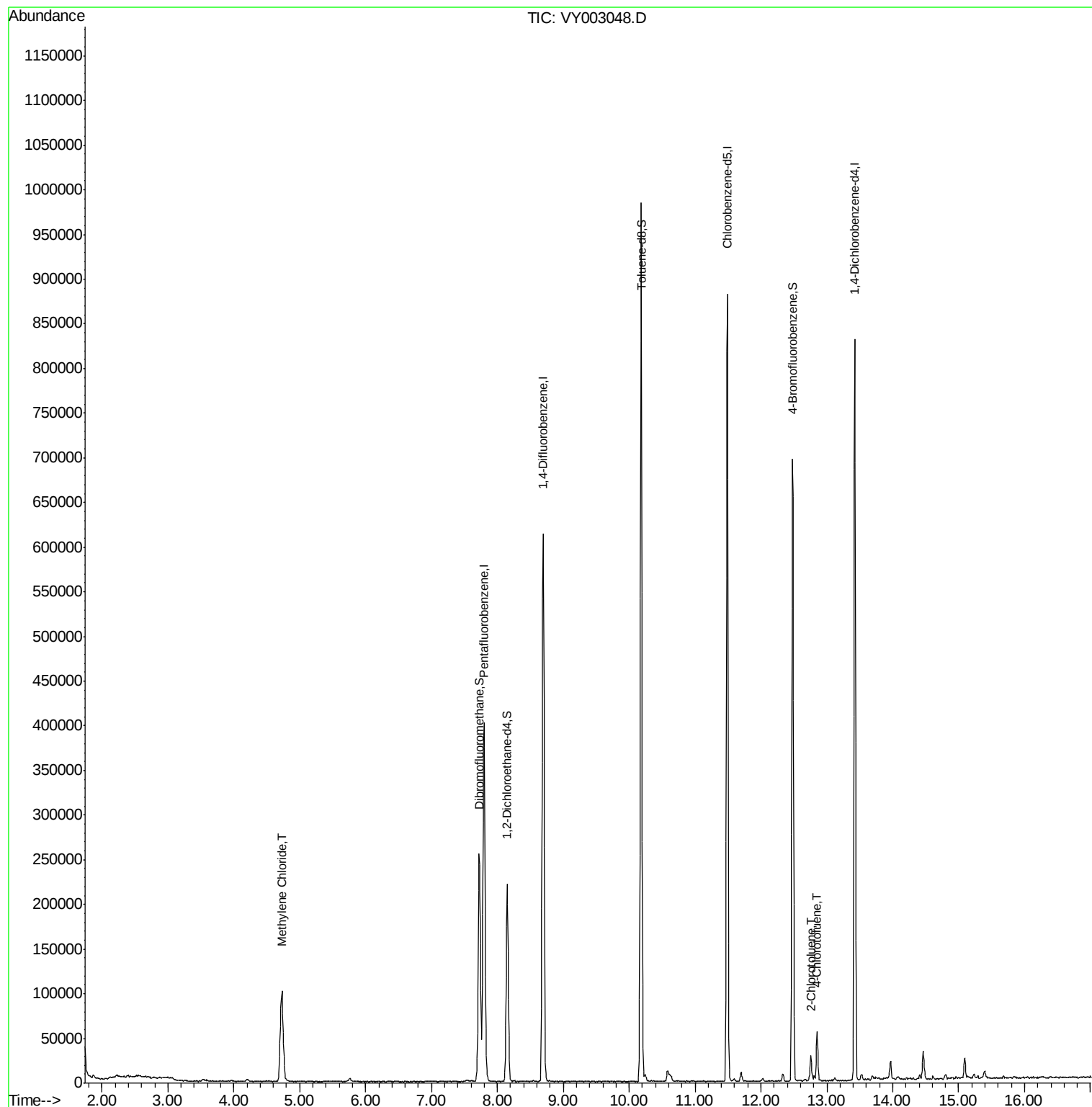
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	339227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	536402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	488319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	215281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	178890	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
35) Dibromofluoromethane	7.72	113	176306	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
50) Toluene-d8	10.18	98	640087	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.48	95	203517	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
Target Compounds						
20) Methylene Chloride	4.72	84	79611	17.989	ug/l	89
79) 2-Chlorotoluene	12.75	91	15088	1.595	ug/l	97
82) 4-Chlorotoluene	12.85	91	29046	2.950	ug/l	99

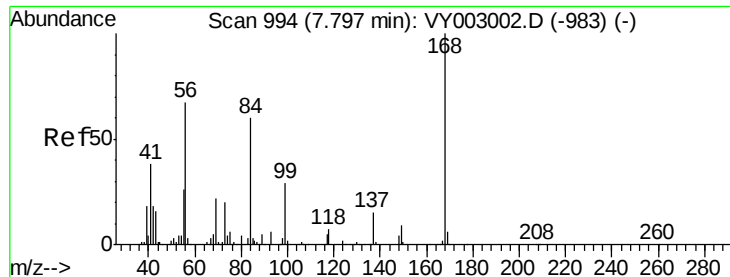
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
Data File : VY003048.D
Acq On : 30 Jun 2020 20:26
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Quant Time: Jul 01 06:58:51 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: VY003048.D

Acq: 30 Jun 2020 20:26

Instrument :

MSVOA_Y

ClientSampleId :

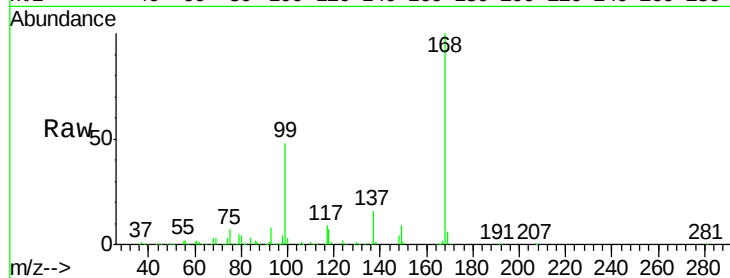
MH-D19

Tot Ion:168 Resp: 339227

Ion Ratio Lower Upper

168 100

99 48.1 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

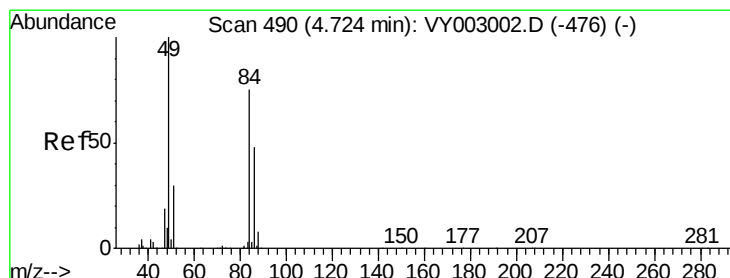
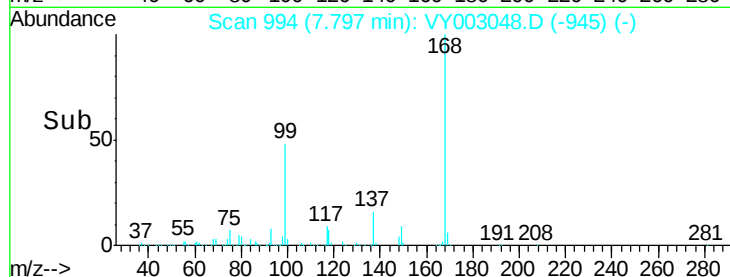
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 17.989 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003048.D

Acq: 30 Jun 2020 20:26

Tgt Ion: 84 Resp: 79611

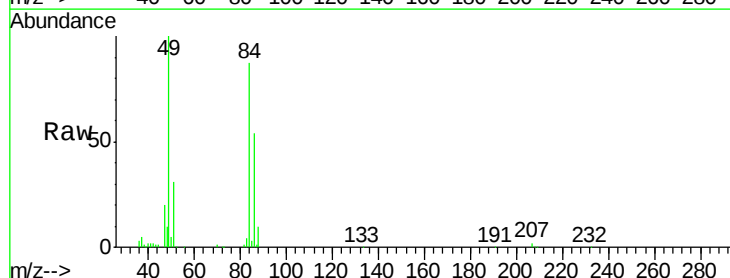
Ion Ratio Lower Upper

84 100

49 114.6 106.8 160.2

51 35.3 32.0 48.0

86 61.9 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VY003002.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY003002.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY003002.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY003002.D (-476) (-)

4.72

40000

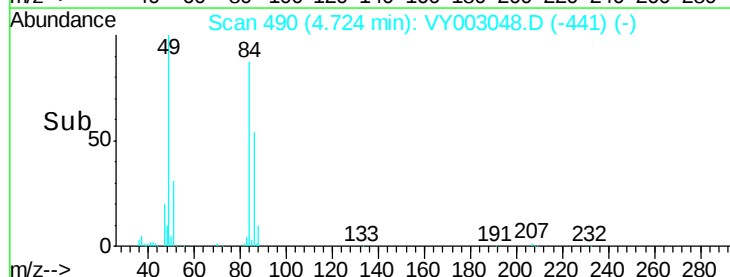
30000

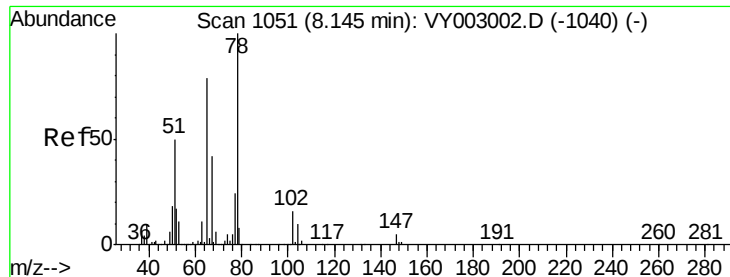
20000

10000

0

Time-->

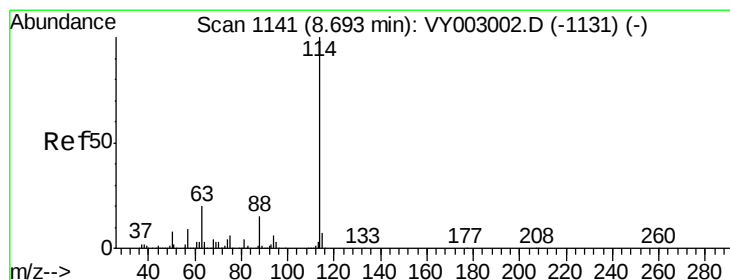
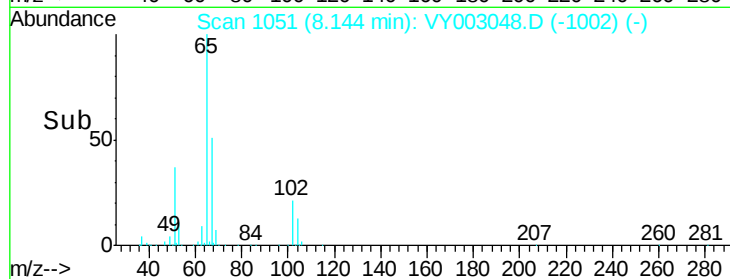
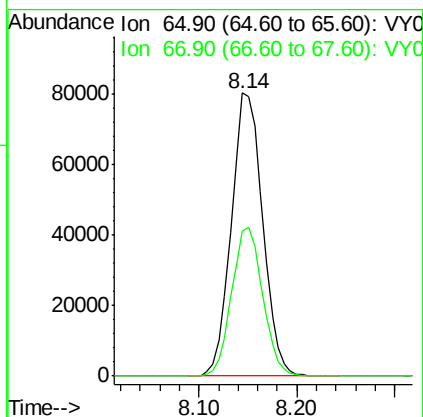
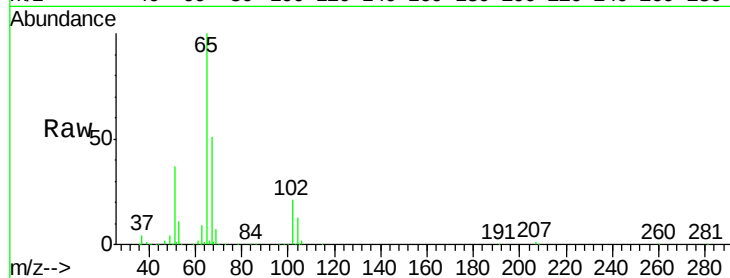




#33
 1,2-Dichloroethane-d4
 Concen: 53.096 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003048.D
 Acq: 30 Jun 2020 20:26

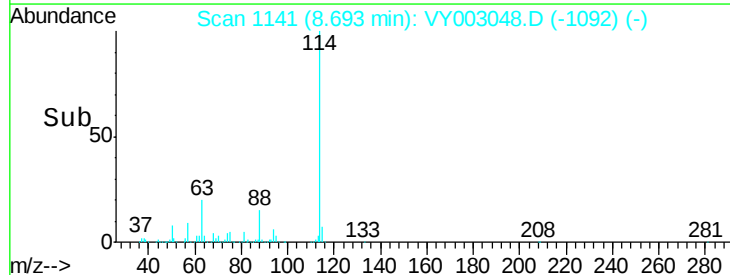
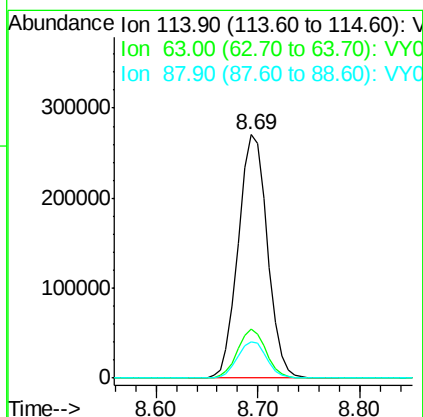
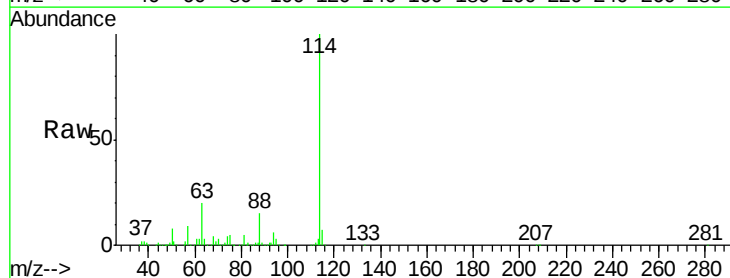
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-D19

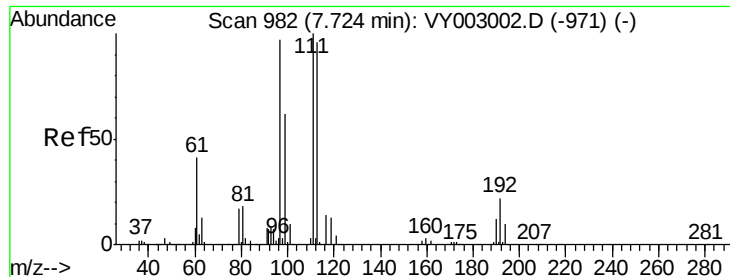
Tot Ion: 65 Resp: 178890
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003048.D
 Acq: 30 Jun 2020 20:26

Tgt Ion: 114 Resp: 536402
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.6
 88 15.1 0.0 30.0

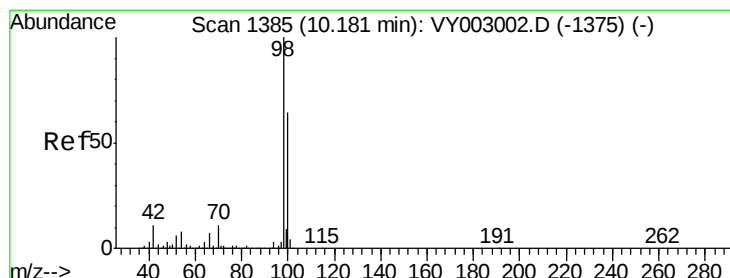
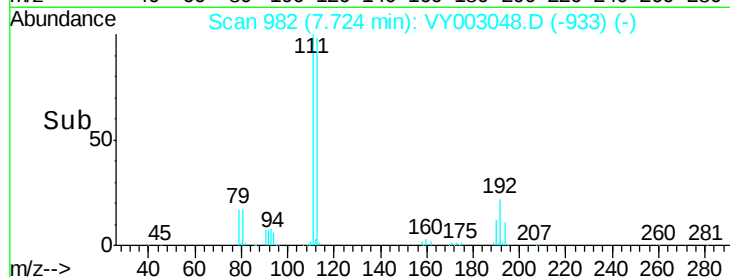
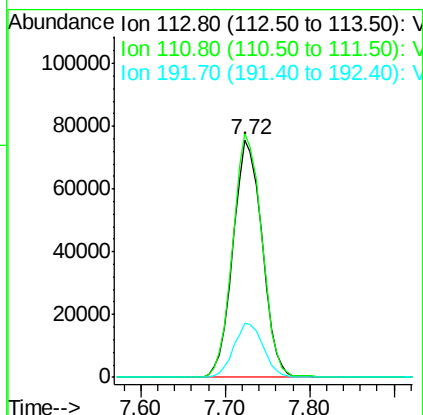
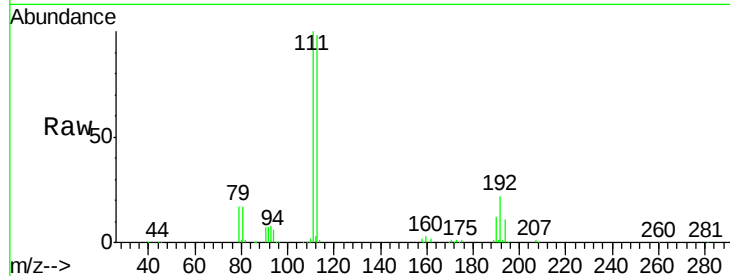




#35
Dibromofluoromethane
Concen: 52.689 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003048.D
Acq: 30 Jun 2020 20:26

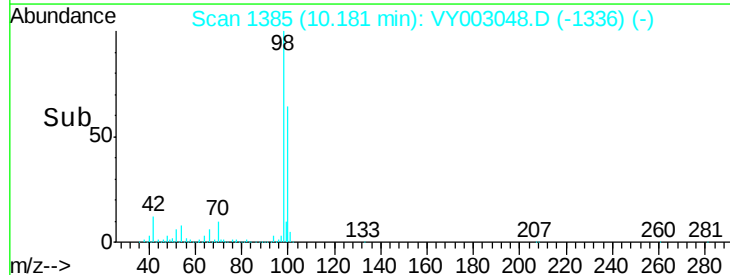
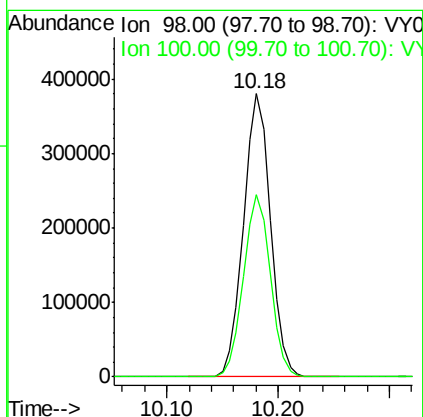
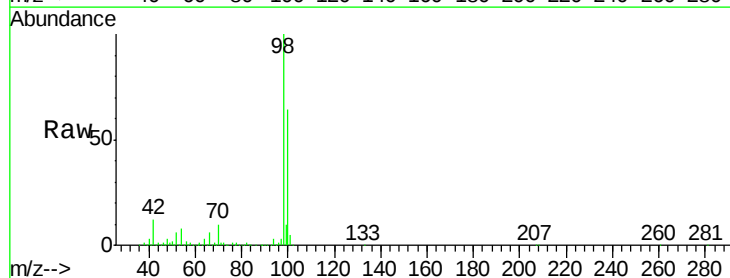
Instrument :
MSVOA_Y
ClientSampleId :
MH-D19

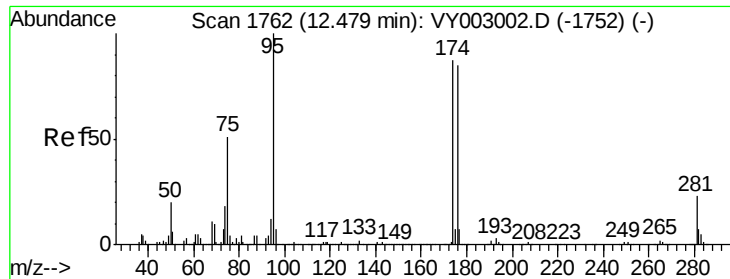
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	23.3	18.1	27.1



#50
Toluene-d8
Concen: 51.347 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003048.D
Acq: 30 Jun 2020 20:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 46.380 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003048.D

Acq: 30 Jun 2020 20:26

Instrument :

MSVOA_Y

ClientSampleId :

MH-D19

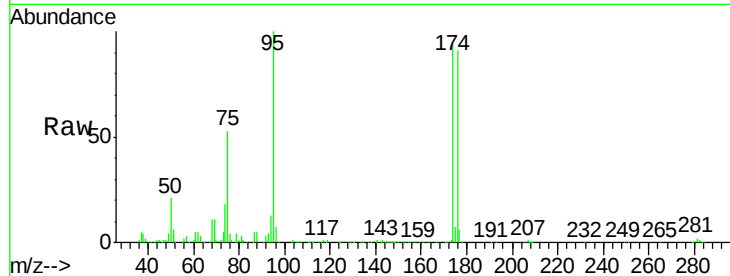
Tot Ion: 95 Resp: 203517

Ion Ratio Lower Upper

95 100

174 96.3 0.0 184.8

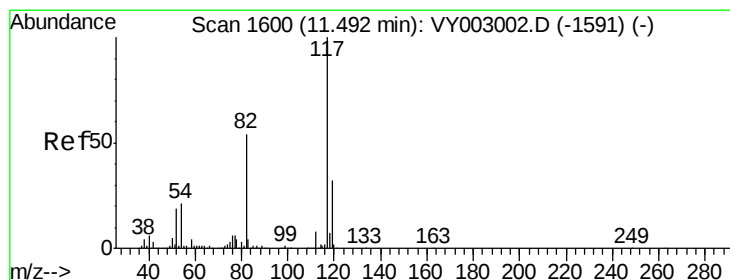
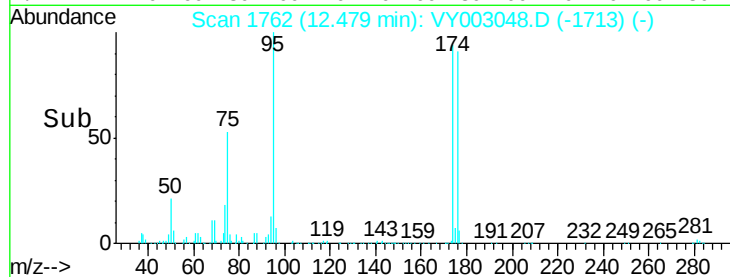
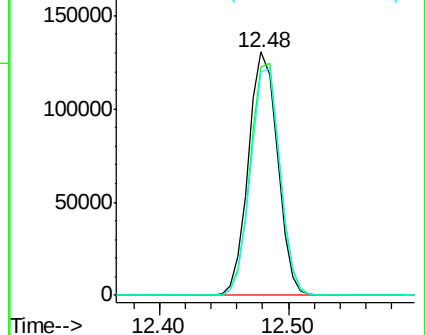
176 93.4 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003048.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003048.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003048.D (-1752) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003048.D

Acq: 30 Jun 2020 20:26

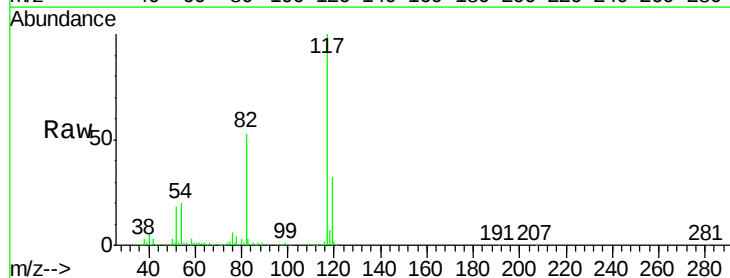
Tgt Ion: 117 Resp: 488319

Ion Ratio Lower Upper

117 100

82 52.6 43.0 64.6

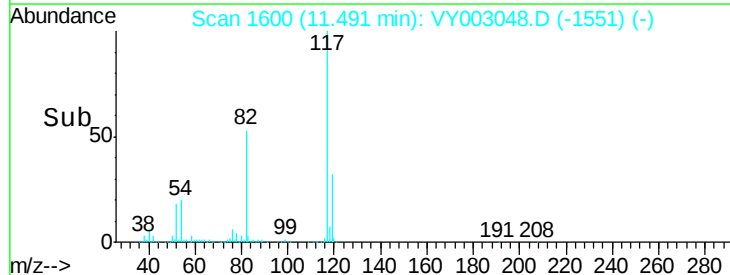
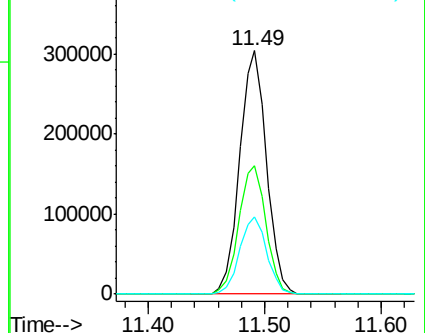
119 31.6 25.8 38.8

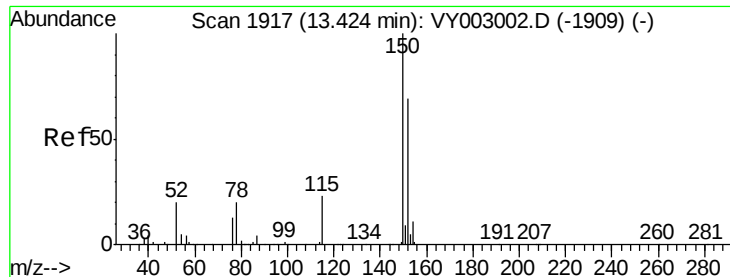


Abundance Ion 116.90 (116.60 to 117.60): VY003048.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003048.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003048.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: VY003048.D

Acq: 30 Jun 2020 20:26

Instrument :

MSVOA_Y

ClientSampleId :

MH-D19

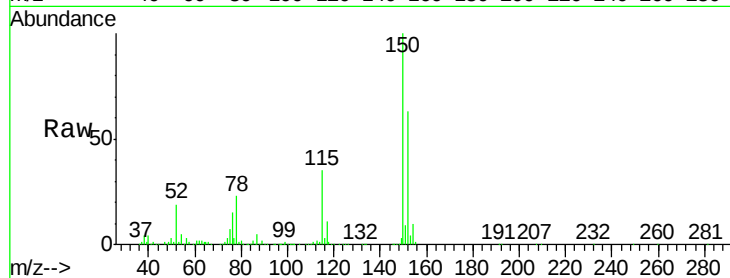
Tot Ion:152 Resp: 215281

Ion Ratio Lower Upper

152 100

115 54.2 27.3 81.9

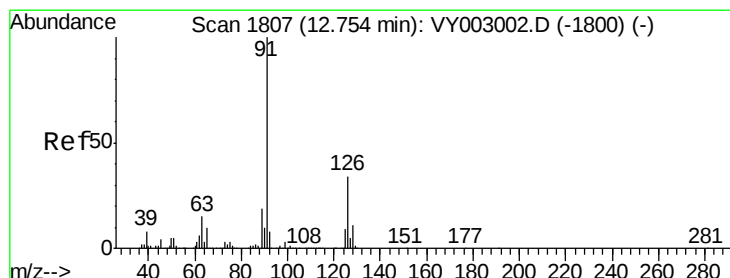
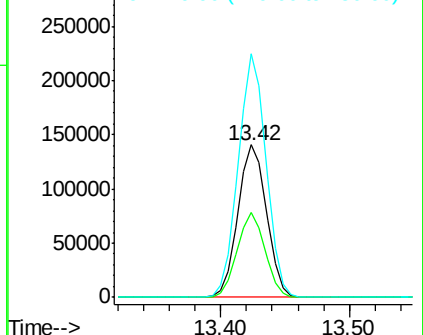
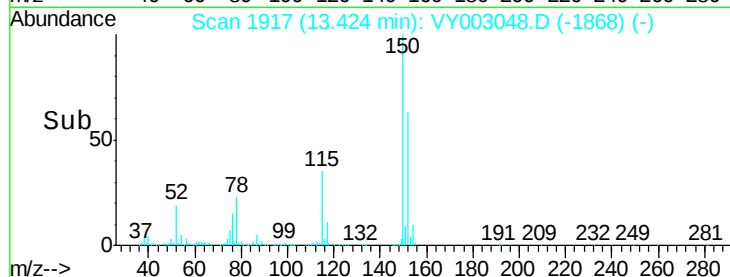
150 155.9 0.0 343.4



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



#79

2-Chlorotoluene

Concen: 1.595 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003048.D

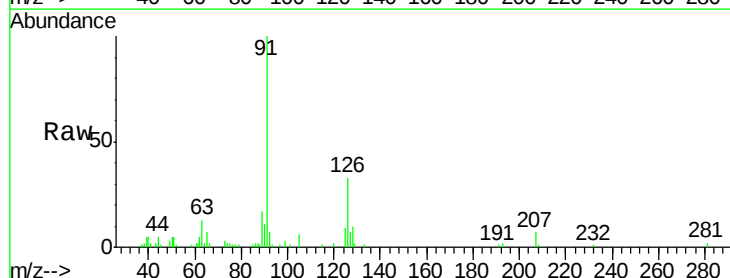
Acq: 30 Jun 2020 20:26

Tgt Ion: 91 Resp: 15088

Ion Ratio Lower Upper

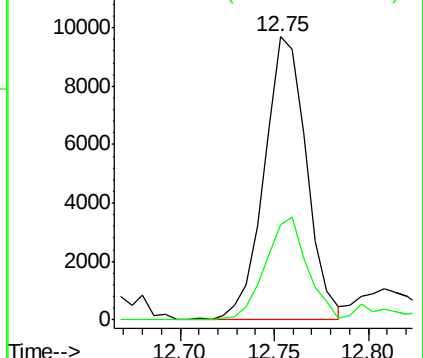
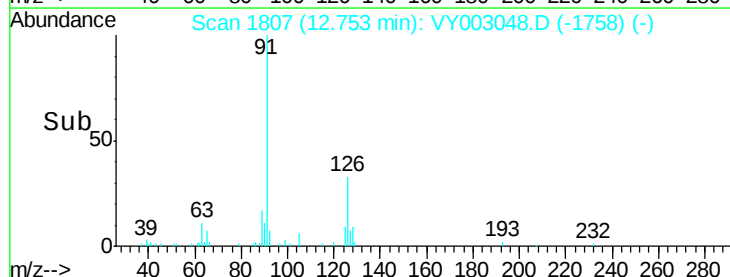
91 100

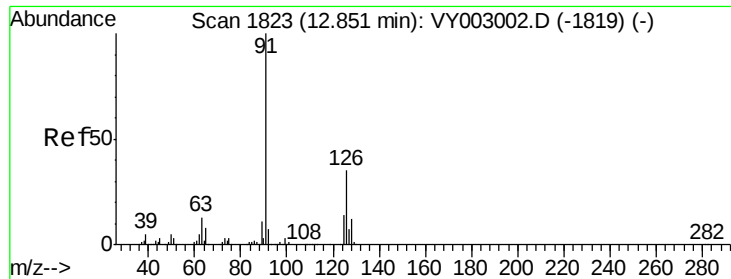
126 35.9 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#82
 4-Chlorotoluene
 Concen: 2.950 ug/l
 RT: 12.85 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: VY003048.D
 Acq: 30 Jun 2020 20:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-D19

Tot Ion: 91 Resp: 29046
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.4 52.3

