

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003039.D
 Acq On : 30 Jun 2020 16:51
 Operator : SY/MD
 Sample : L3153-34
 Misc : 6.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-I

Quant Time: Jul 01 06:42:02 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

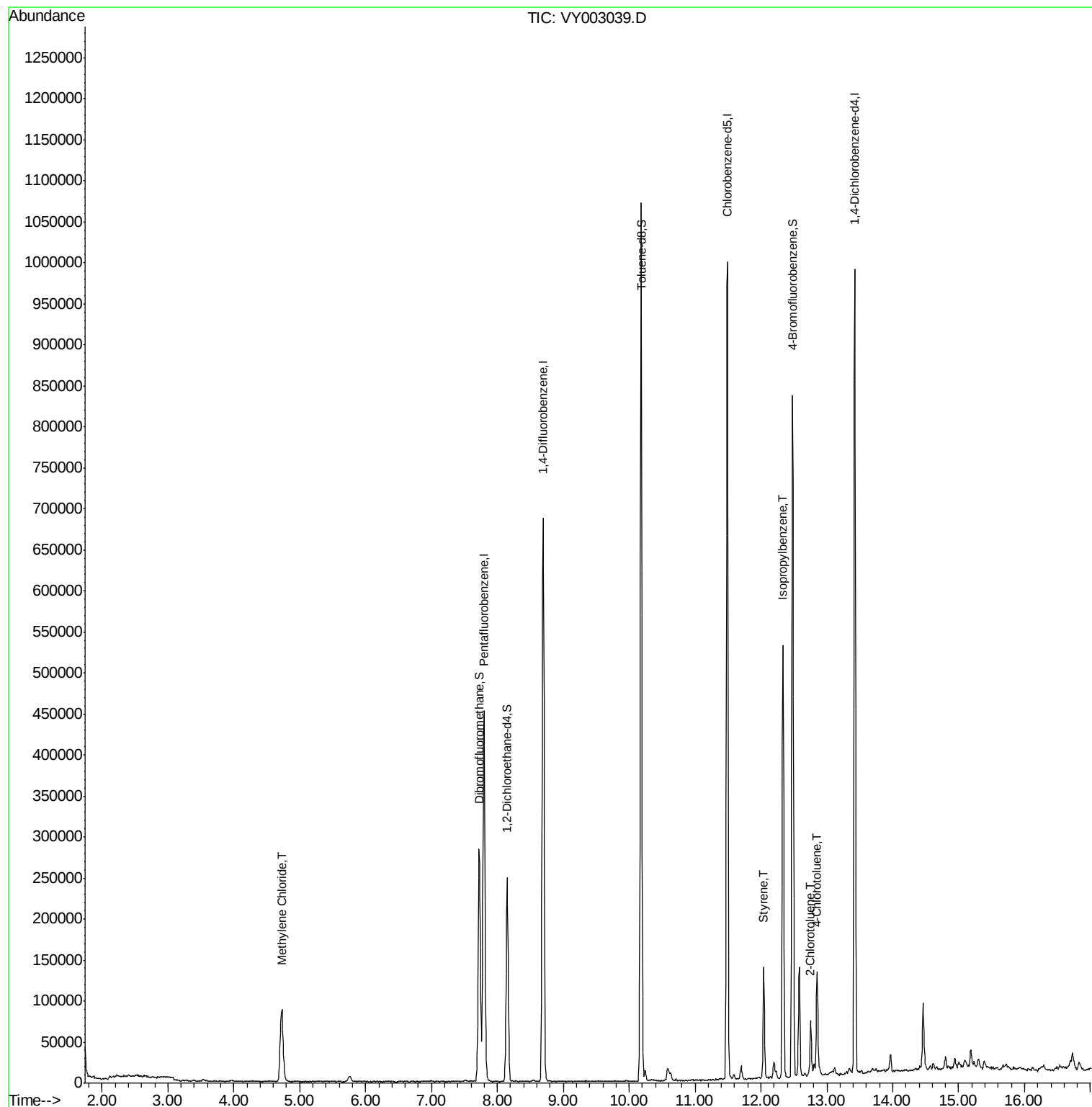
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	369569	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	591827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	550756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	254186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	198333	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
35) Dibromofluoromethane	7.72	113	193748	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
50) Toluene-d8	10.18	98	702484	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.48	95	241868	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
Target Compounds						
20) Methylene Chloride	4.73	84	70320	13.052	ug/l	88
70) Styrene	12.04	104	62470	5.248	ug/l	91
73) Isopropylbenzene	12.33	105	22849	1.374	ug/l #	60
79) 2-Chlorotoluene	12.75	91	34195	3.062	ug/l	96
82) 4-Chlorotoluene	12.86	91	69489	5.977	ug/l	99

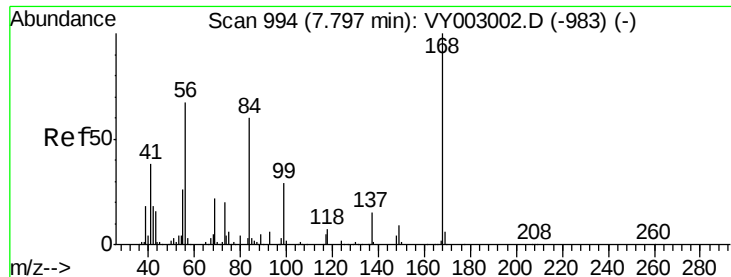
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
Data File : VY003039.D
Acq On : 30 Jun 2020 16:51
Operator : SY/MD
Sample : L3153-34
Misc : 6.74G/5ML/MSVOA Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SP2-I

Quant Time: Jul 01 06:42:02 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: VY003039.D

Acq: 30 Jun 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

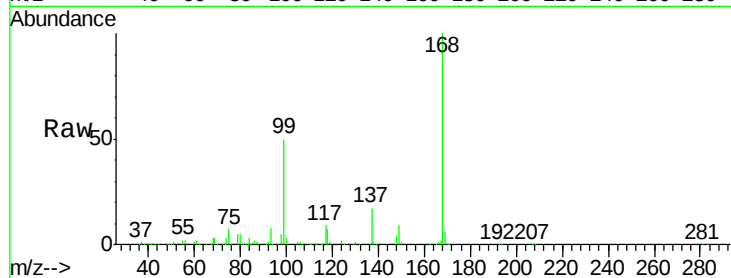
SP2-I

Tot Ion:168 Resp: 369569

Ion Ratio Lower Upper

168 100

99 49.7 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

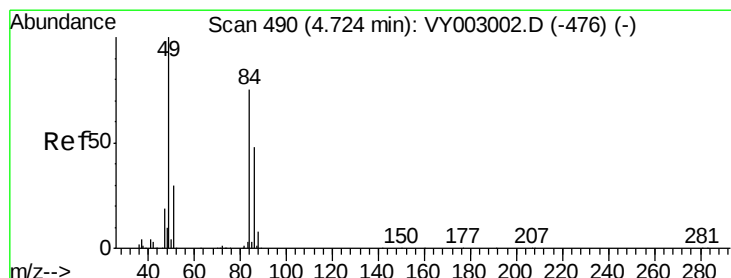
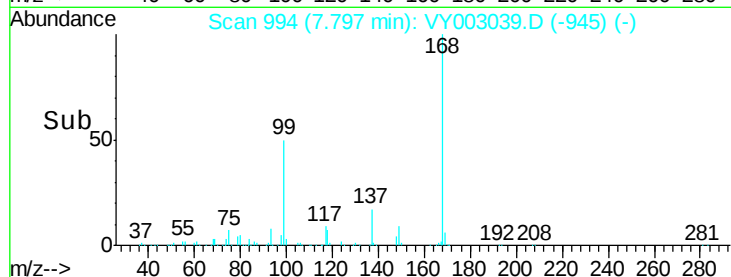
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 13.052 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003039.D

Acq: 30 Jun 2020 16:51

Tgt Ion: 84 Resp: 70320

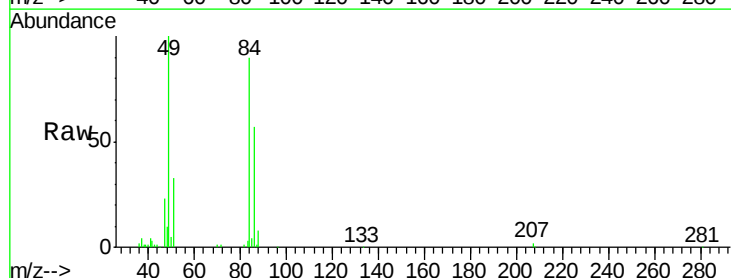
Ion Ratio Lower Upper

84 100

49 110.6 106.8 160.2

51 36.5 32.0 48.0

86 63.4 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) (-)

40000

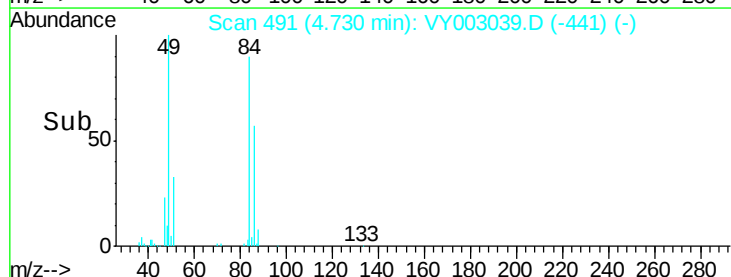
30000

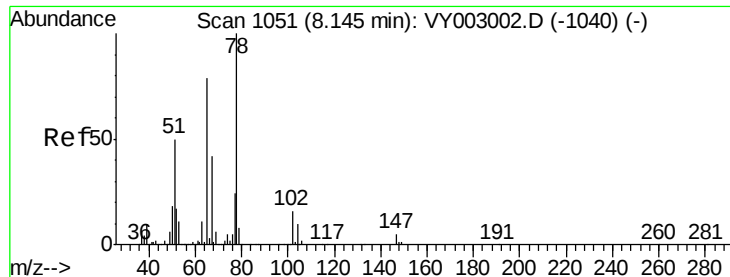
20000

10000

0

Time-->

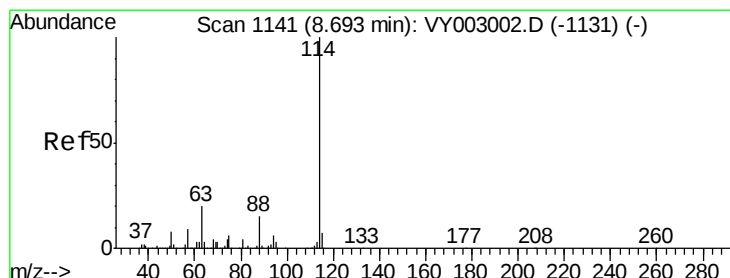
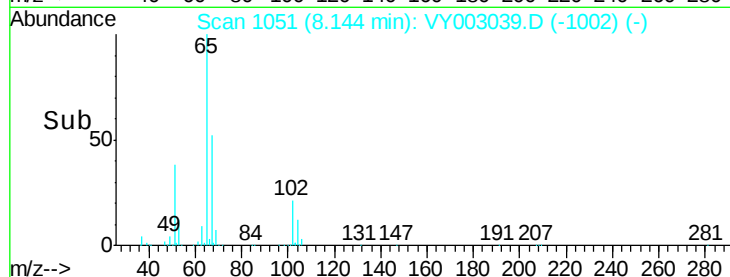
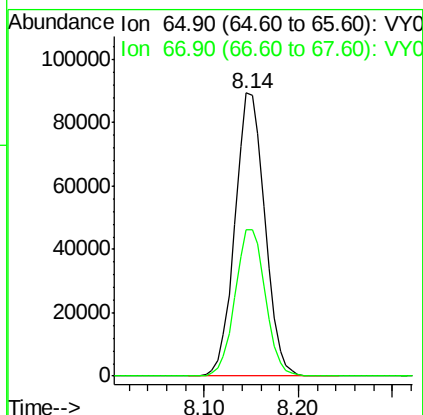
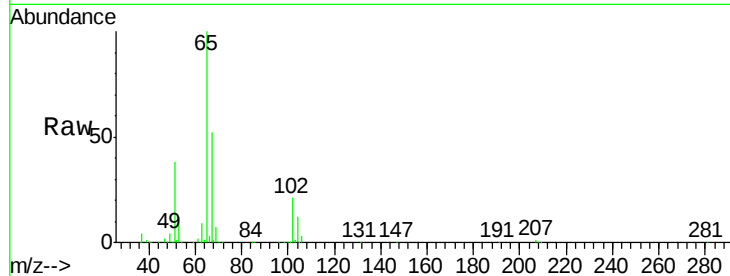




#33
 1,2-Dichloroethane-d4
 Concen: 54.033 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003039.D
 Acq: 30 Jun 2020 16:51

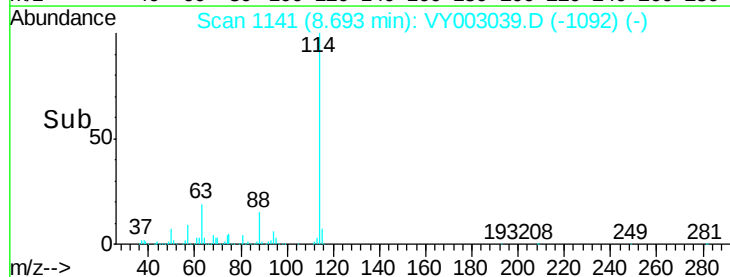
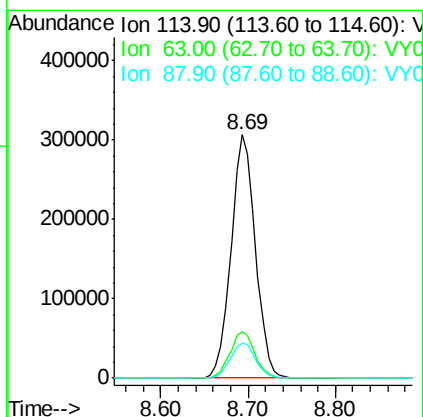
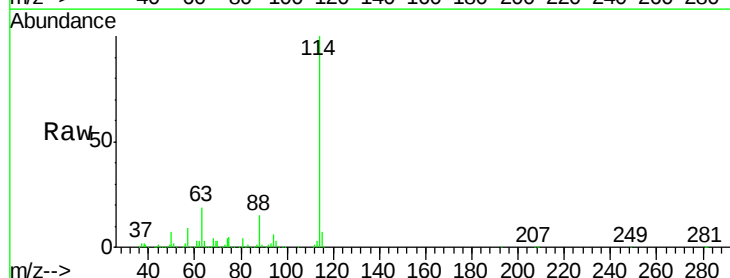
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-I

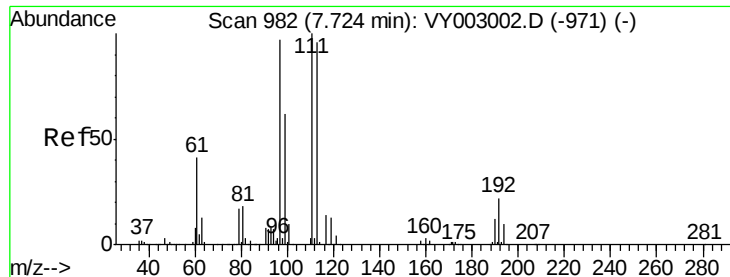
Tot Ion: 65 Resp: 198333
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003039.D
 Acq: 30 Jun 2020 16:51

Tgt Ion: 114 Resp: 591827
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.6
 88 14.6 0.0 30.0

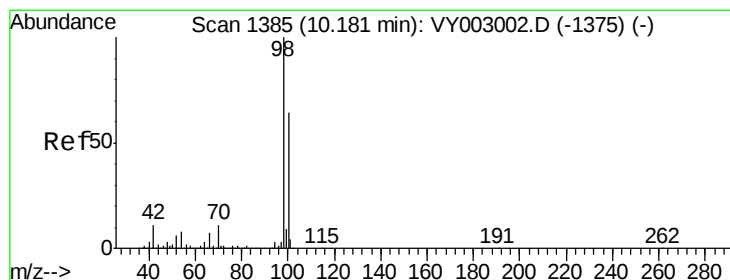
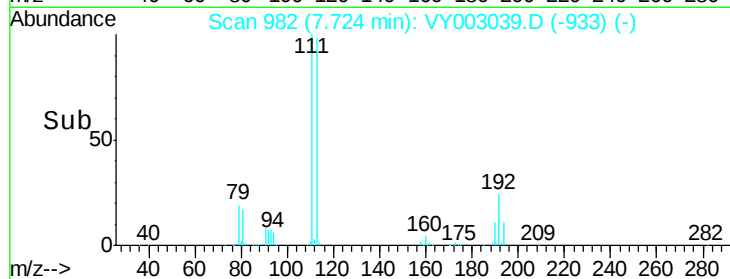
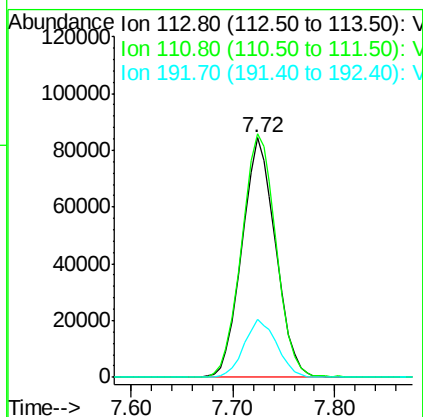
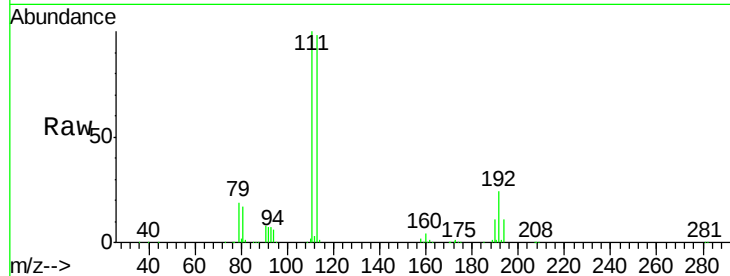




#35
Dibromofluoromethane
Concen: 52.479 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003039.D
Acq: 30 Jun 2020 16:51

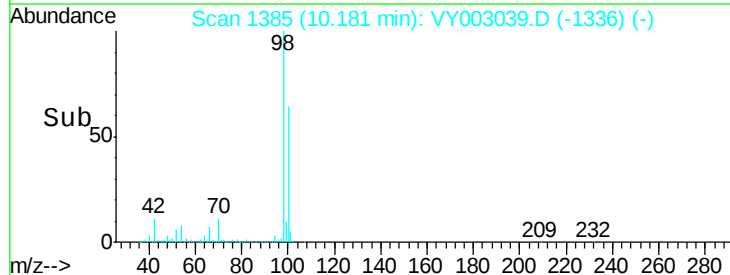
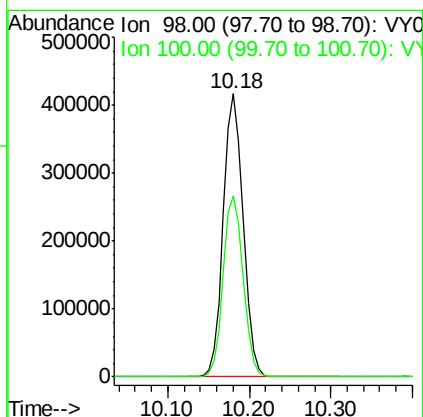
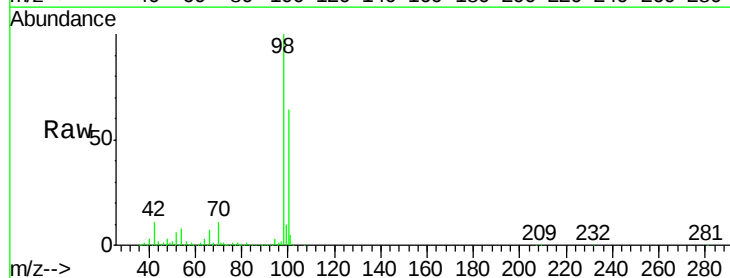
Instrument :
MSVOA_Y
ClientSampleId :
SP2-I

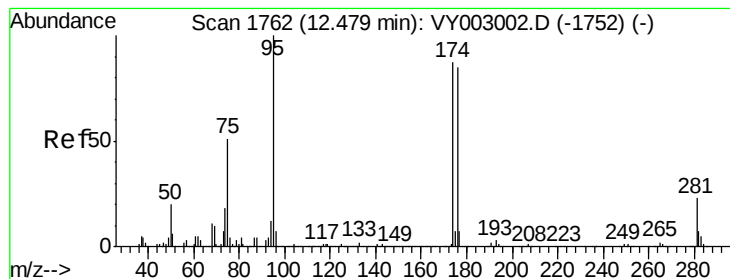
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	123.8
192	23.7	18.1	27.1



#50
Toluene-d8
Concen: 51.075 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003039.D
Acq: 30 Jun 2020 16:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.1	76.7





#62

4-Bromofluorobenzene

Concen: 49.958 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003039.D

Acq: 30 Jun 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

SP2-I

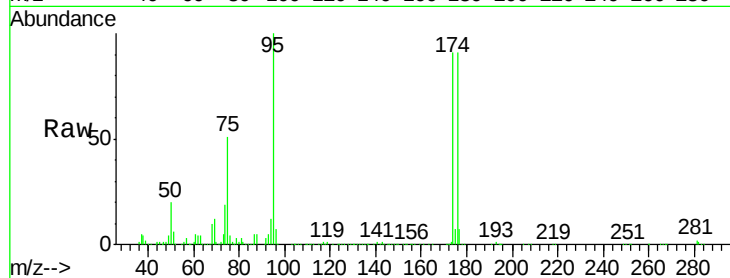
Tot Ion: 95 Resp: 241868

Ion Ratio Lower Upper

95 100

174 93.7 0.0 184.8

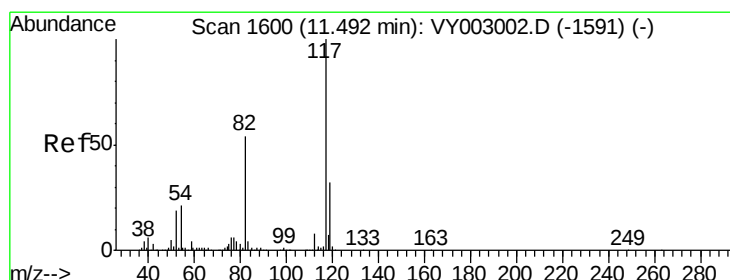
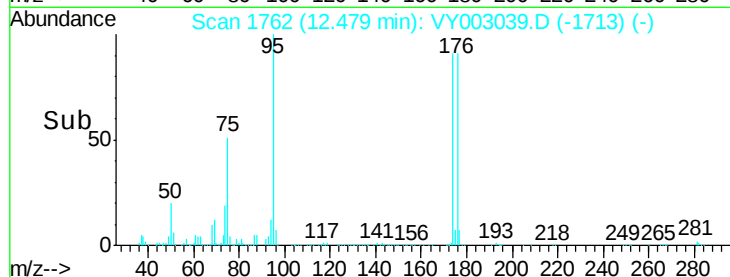
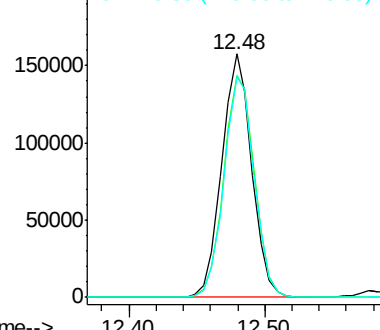
176 92.2 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003039.D

Acq: 30 Jun 2020 16:51

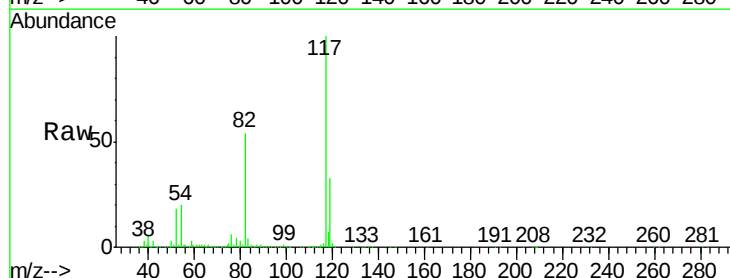
Tgt Ion: 117 Resp: 550756

Ion Ratio Lower Upper

117 100

82 53.8 43.0 64.6

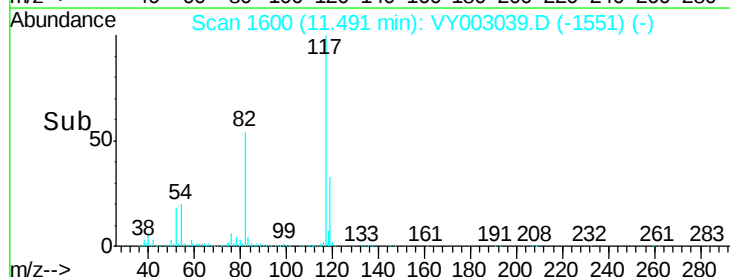
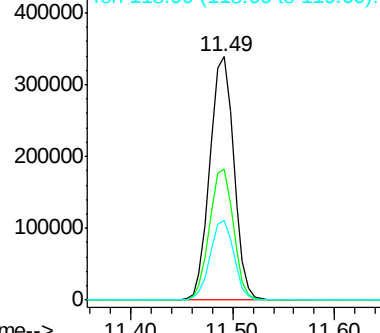
119 32.8 25.8 38.8

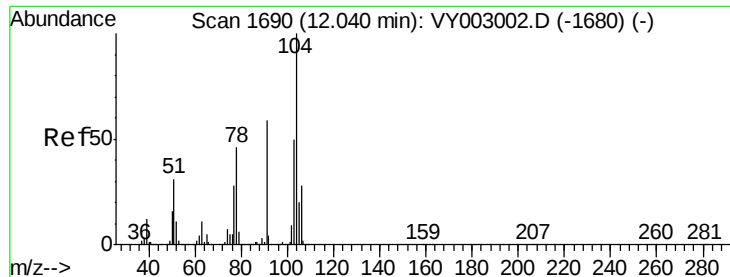


Abundance Ion 116.90 (116.60 to 117.60): VY0

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): VY0





#70

Stvrene

Concen: 5.248 ug/l

RT: 12.04 min Scan# 1690

Delta R.T. -0.00 min

Lab File: VY003039.D

Acq: 30 Jun 2020 16:51

Instrument :

MSVOA_Y

ClientSampled :

SP2-I

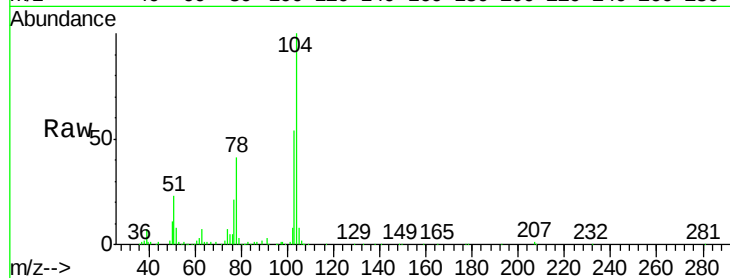
Tot Ion:104 Resp: 62470

Ion Ratio Lower Upper

104 100

78 42.2 40.4 60.6

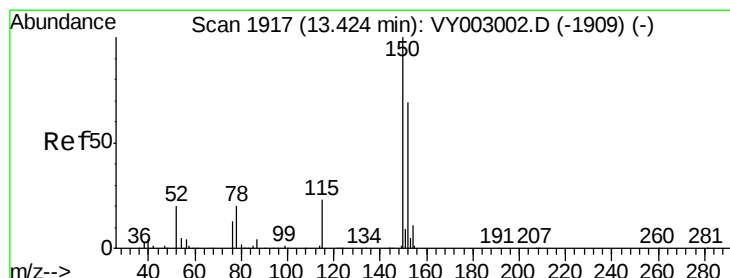
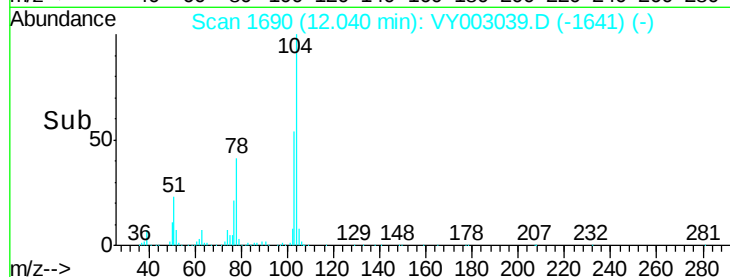
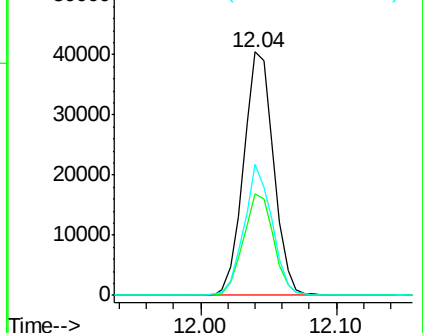
103 50.1 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003039.D

Acq: 30 Jun 2020 16:51

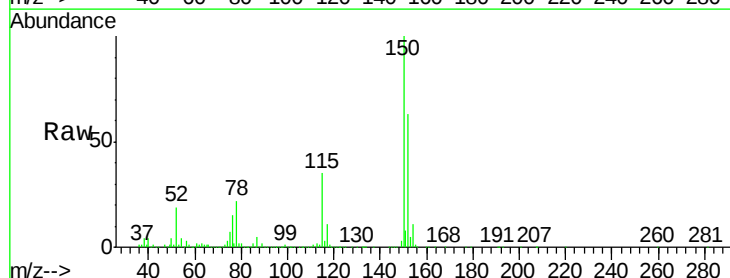
Tgt Ion:152 Resp: 254186

Ion Ratio Lower Upper

152 100

115 55.1 27.3 81.9

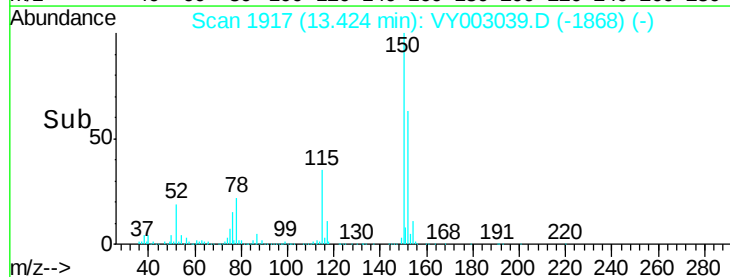
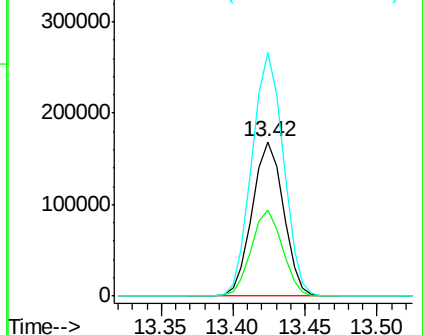
150 158.5 0.0 343.4

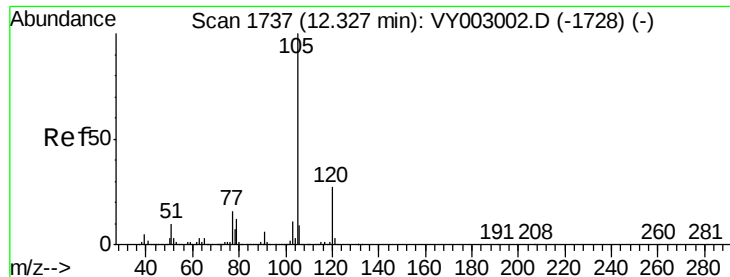


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.374 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY003039.D

Acq: 30 Jun 2020 16:51

Instrument :

MSVOA_Y

ClientSampleId :

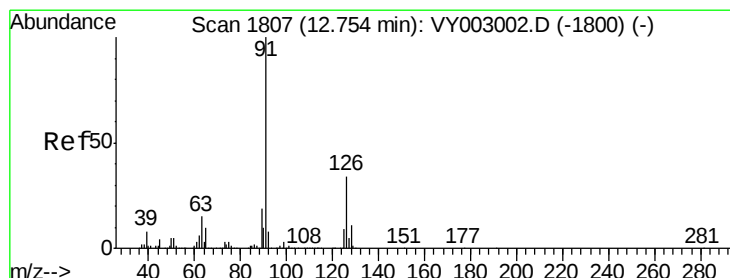
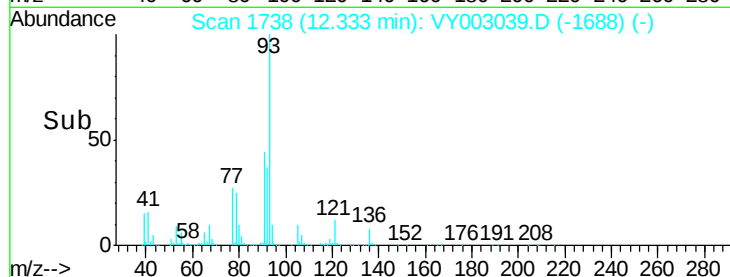
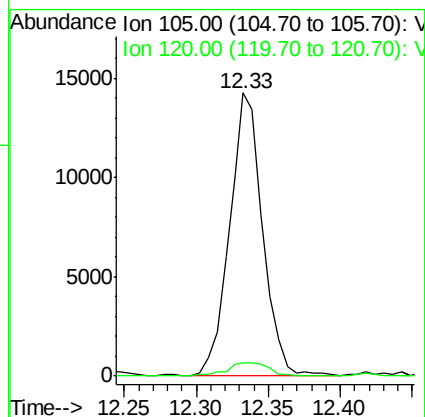
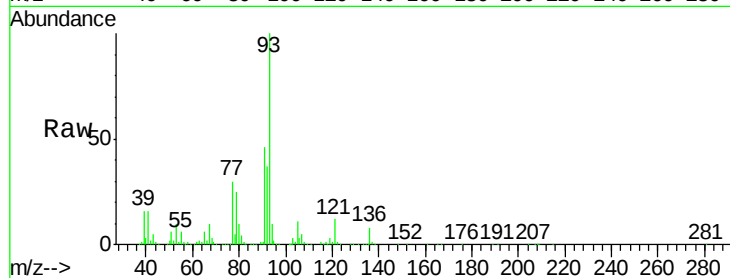
SP2-I

Tot Ion: 105 Resp: 22849

Ion Ratio Lower Upper

105 100

120 6.0 13.4 40.1#



#79

2-Chlorotoluene

Concen: 3.062 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003039.D

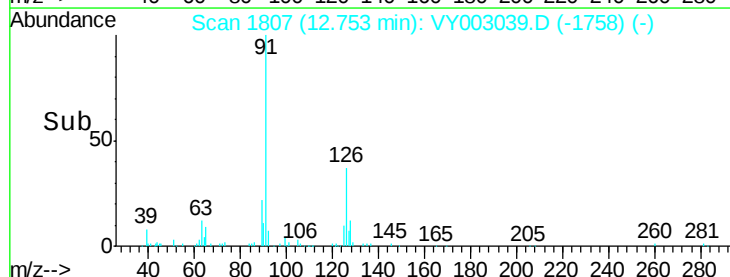
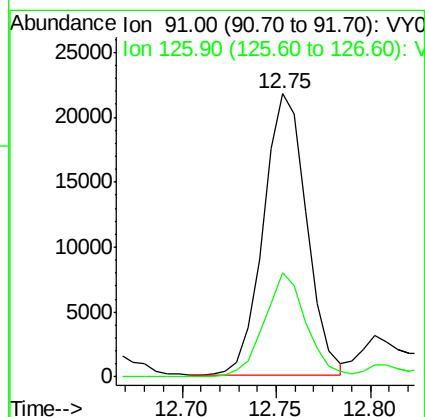
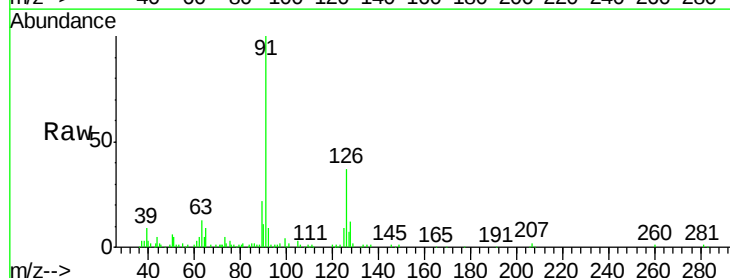
Acq: 30 Jun 2020 16:51

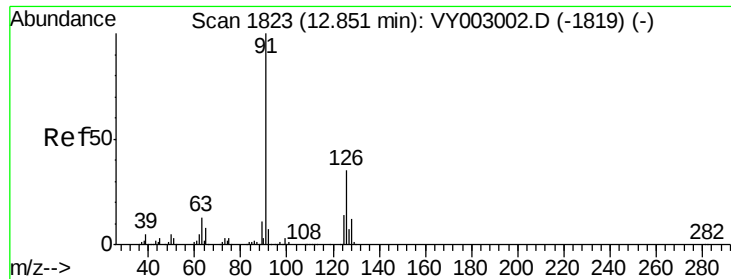
Tgt Ion: 91 Resp: 34195

Ion Ratio Lower Upper

91 100

126 36.3 17.1 51.3





#82
 4-Chlorotoluene
 Concen: 5.977 ug/l
 RT: 12.86 min Scan# 1824
 Delta R.T. 0.01 min
 Lab File: VY003039.D
 Acq: 30 Jun 2020 16:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-I

Tot Ion: 91 Resp: 69489
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.4 52.3

