

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003344.D
 Acq On : 24 Jul 2020 20:02
 Operator : SY/MD
 Sample : L3436-12
 Misc : 6.64G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 12

Quant Time: Jul 25 03:01:31 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

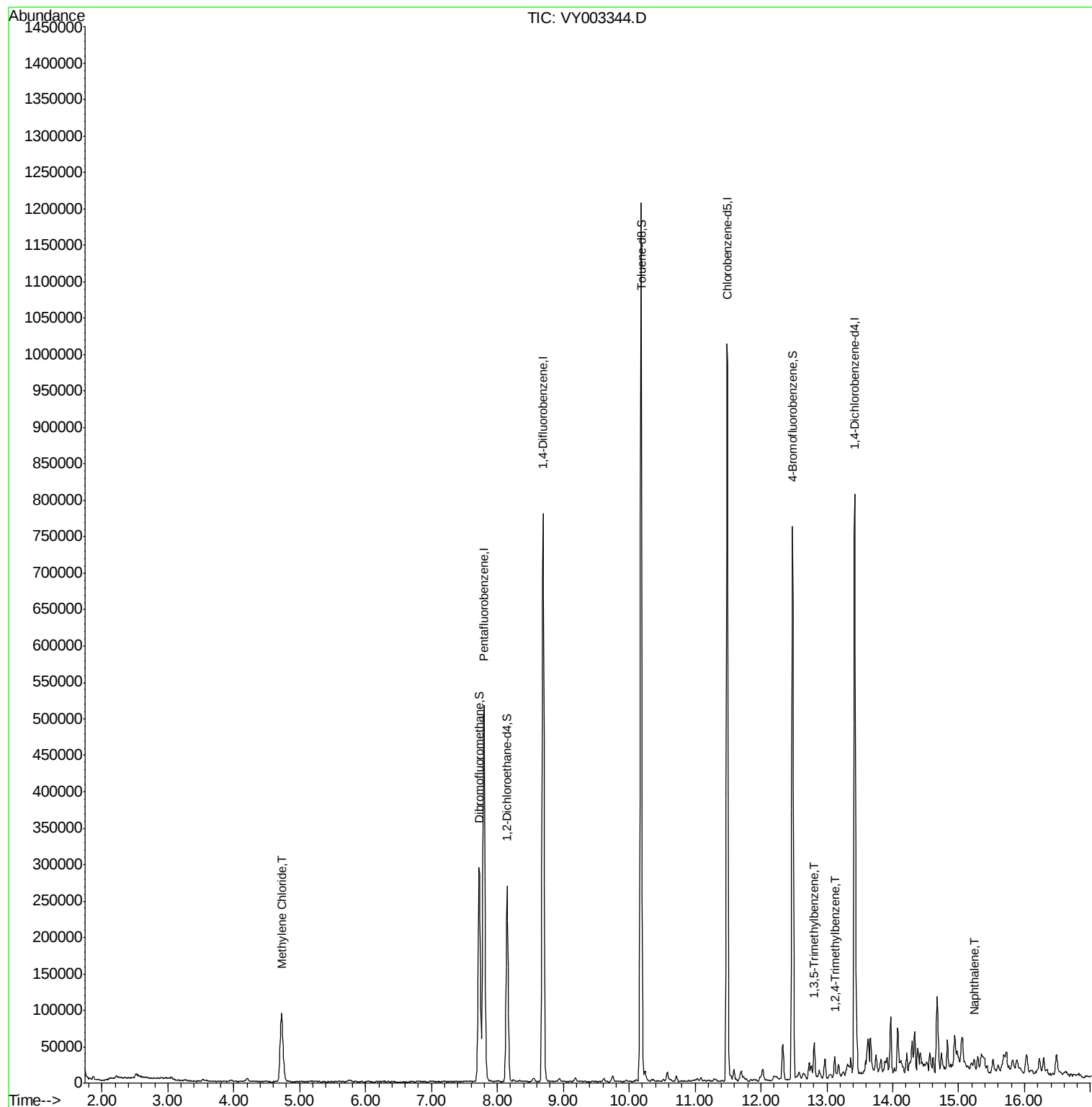
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	430493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	663084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	568756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	207401	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	208280	57.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.64%	
35) Dibromofluoromethane	7.72	113	208473	54.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.26%	
50) Toluene-d8	10.18	98	788812	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.20%	
62) 4-Bromofluorobenzene	12.48	95	218909	42.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.42%	
Target Compounds						
20) Methylene Chloride	4.72	84	71740	13.563	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	19045	1.729	ug/l	97
84) 1,2,4-Trimethylbenzene	13.11	105	16236	1.465	ug/l	97
95) Naphthalene	15.23	128	9632	1.465	ug/l #	90

(#) = 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: VY003344.D

Acq: 24 Jul 2020 20:02

Instrument :

MSVOA_Y

ClientSampled :

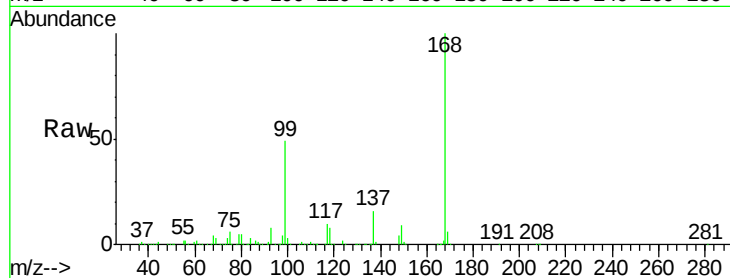
12

Tot Ion:168 Resp: 430493

Ion Ratio Lower Upper

168 100

99 49.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003344.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003344.D (-945) (-)

7.80

200000

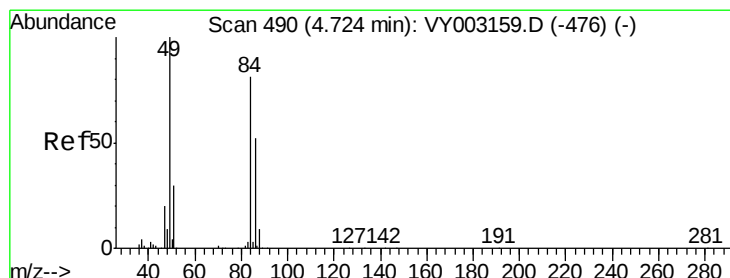
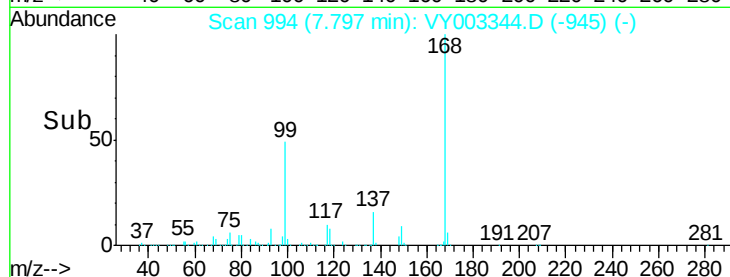
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 13.563 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003344.D

Acq: 24 Jul 2020 20:02

Tgt Ion: 84 Resp: 71740

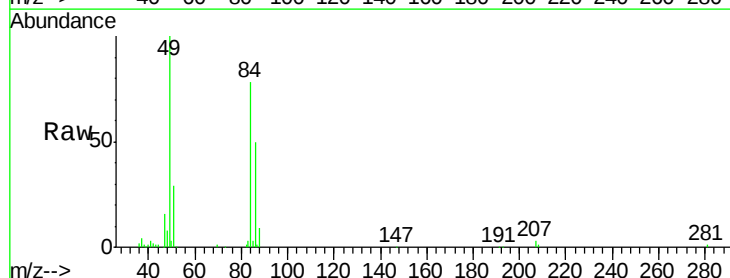
Ion Ratio Lower Upper

84 100

49 128.9 98.2 147.4

51 37.9 29.8 44.6

86 63.9 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003344.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003344.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003344.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003344.D (-441) (-)

4.72

40000

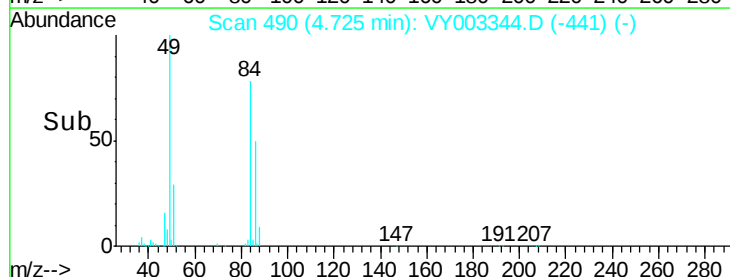
30000

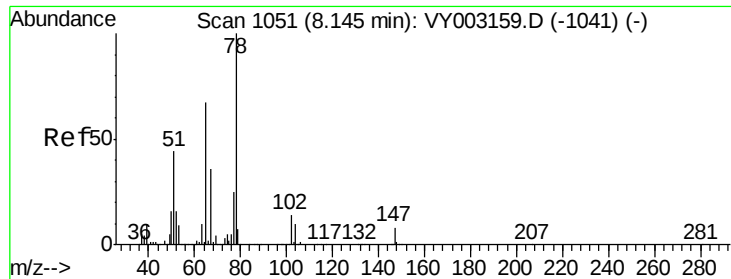
20000

10000

0

Time-->

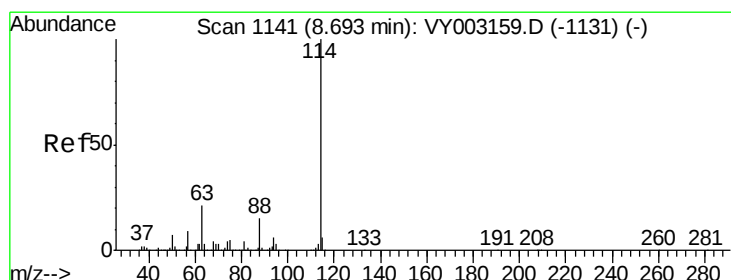
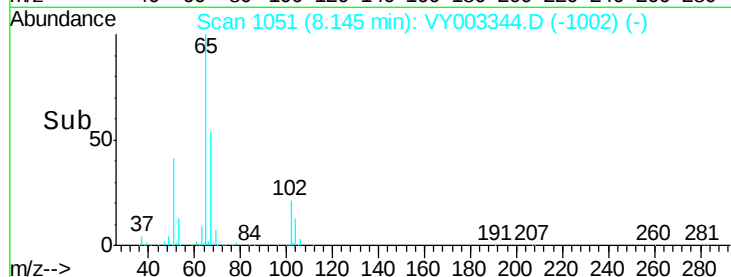
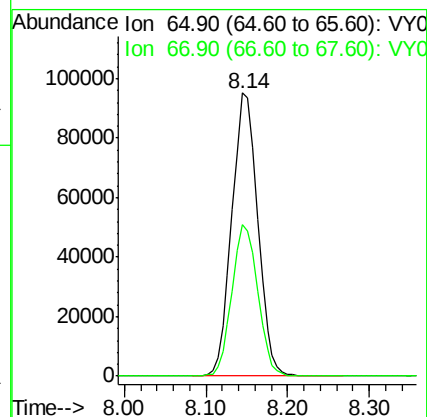
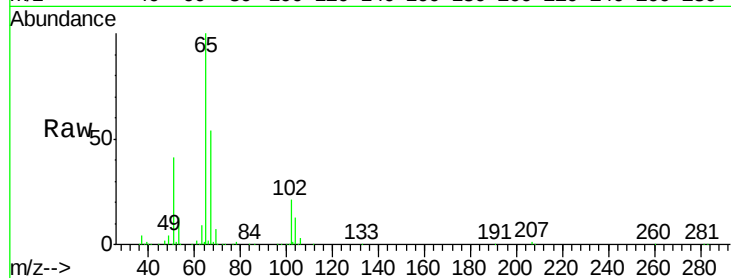




#33
 1,2-Dichloroethane-d4
 Concen: 57.322 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003344.D
 Acq: 24 Jul 2020 20:02

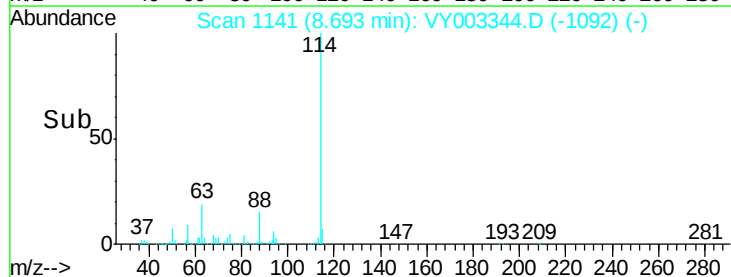
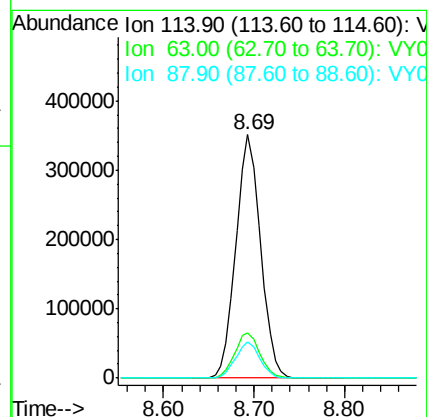
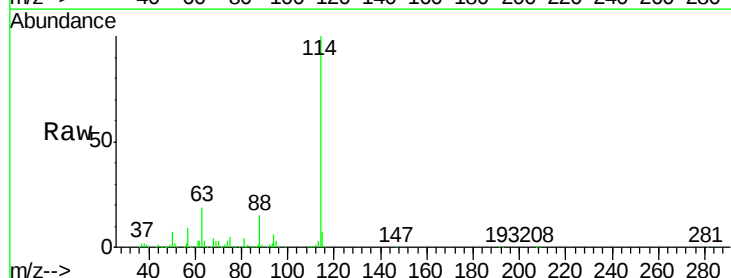
Instrument :
 MSVOA_Y
 ClientSampled :
 12

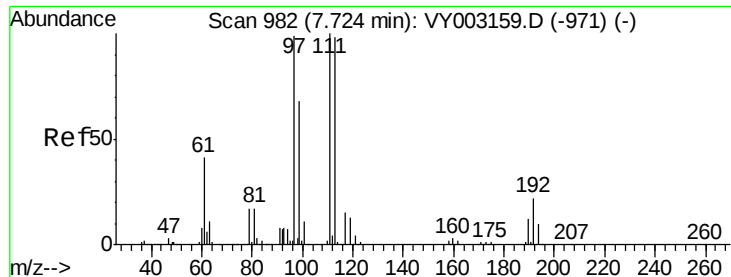
Tot Ion: 65 Resp: 208280
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003344.D
 Acq: 24 Jul 2020 20:02

Tgt Ion: 114 Resp: 663084
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 41.2
 88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 54.633 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003344.D

Acq: 24 Jul 2020 20:02

Instrument :
MSVOA_Y
ClientSampleId :
12

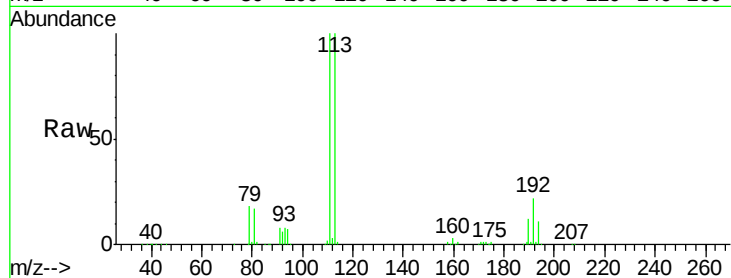
Tot Ion:113 Resp: 208473

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.1	123.1
192	23.0	18.8	28.2

113 100

111 102.2 82.1 123.1

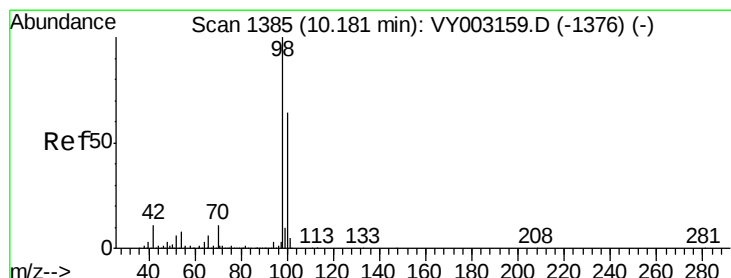
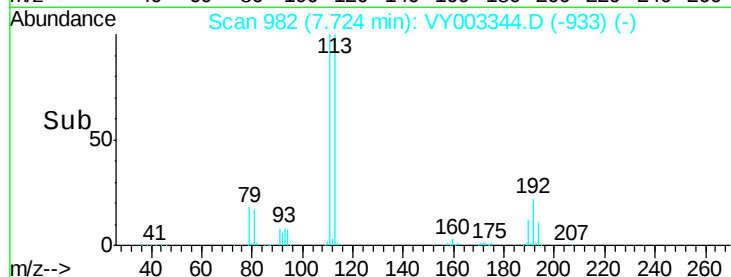
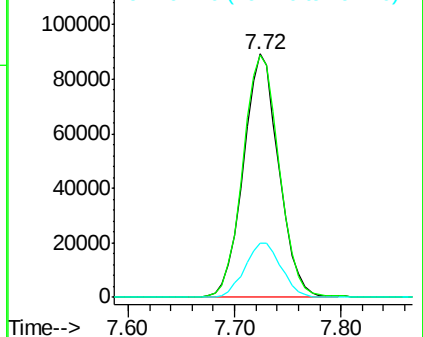
192 23.0 18.8 28.2



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: 55.602 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003344.D

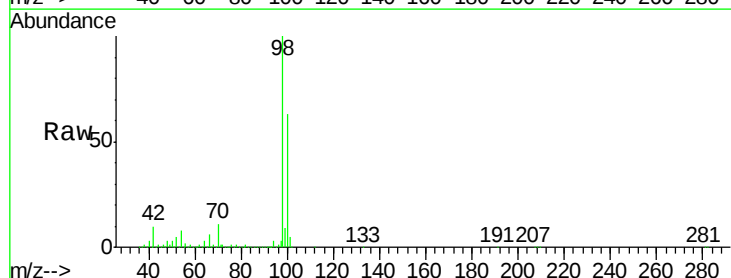
Acq: 24 Jul 2020 20:02

Tgt Ion: 98 Resp: 788812

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.7	76.1

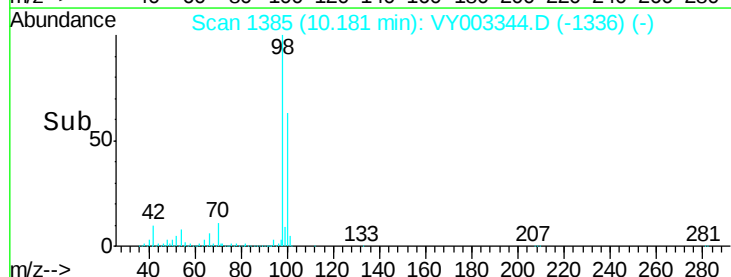
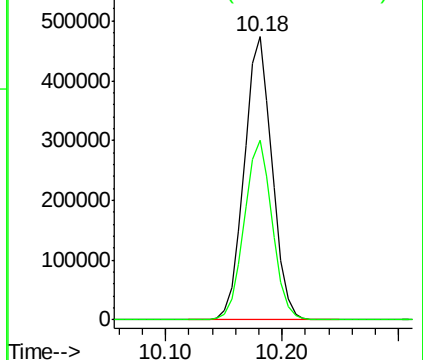
98 100

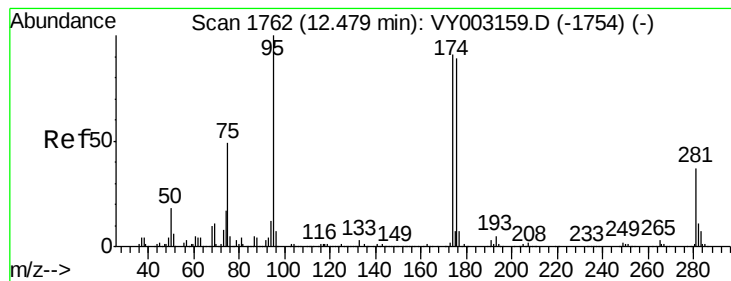
100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 42.713 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003344.D

Acq: 24 Jul 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

12

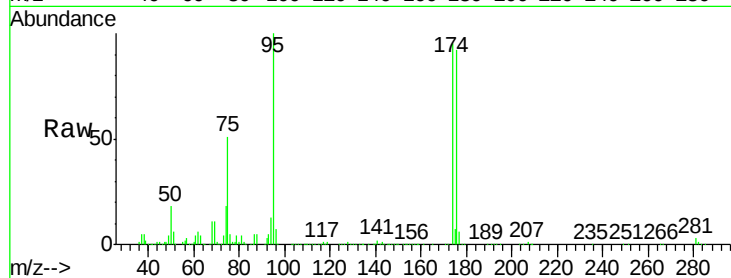
Tot Ion: 95 Resp: 218909

Ion Ratio Lower Upper

95 100

174 96.7 0.0 190.6

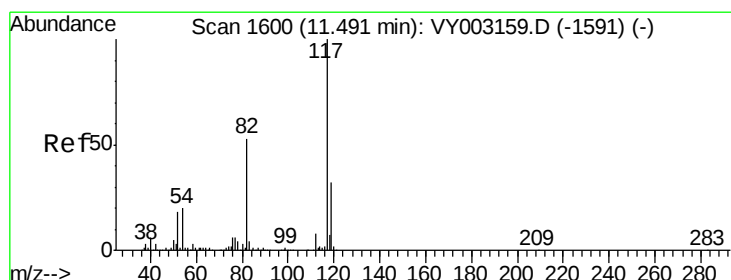
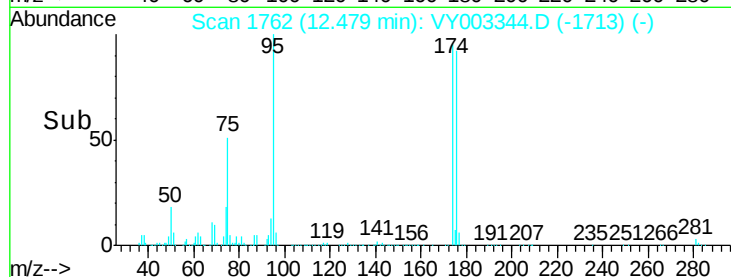
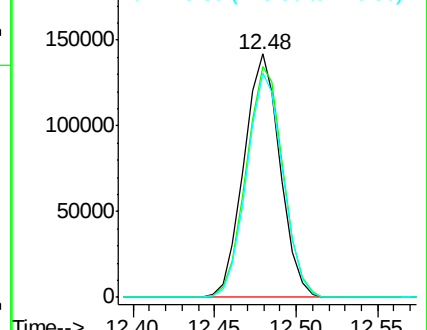
176 92.6 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003344.D (-1713) (-)

Ion 173.80 (173.50 to 174.50): VY003344.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY003344.D (-1713) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VY003344.D

Acq: 24 Jul 2020 20:02

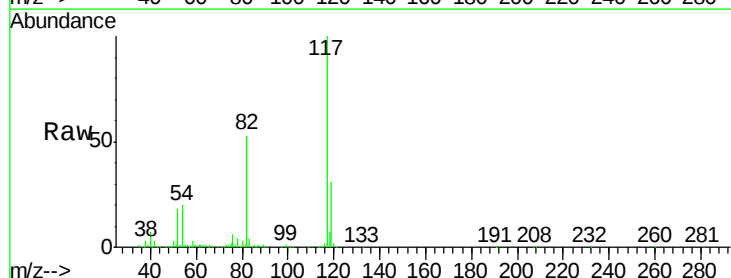
Tgt Ion: 117 Resp: 568756

Ion Ratio Lower Upper

117 100

82 53.0 42.0 63.0

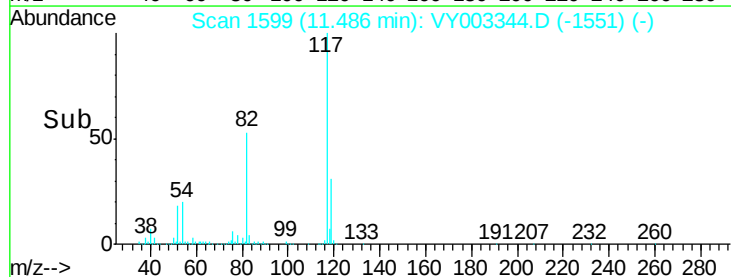
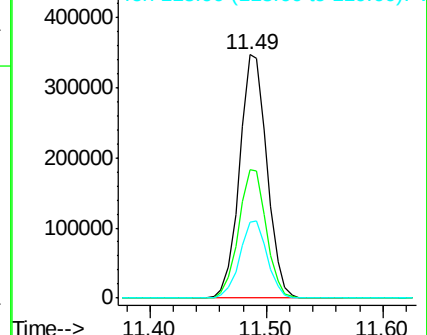
119 31.0 25.5 38.3

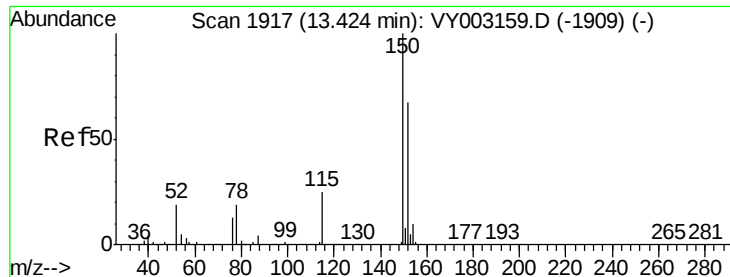


Abundance Ion 116.90 (116.60 to 117.60): VY003344.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003344.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003344.D (-1551) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003344.D

Acq: 24 Jul 2020 20:02

Instrument :

MSVOA_Y

ClientSampleId :

12

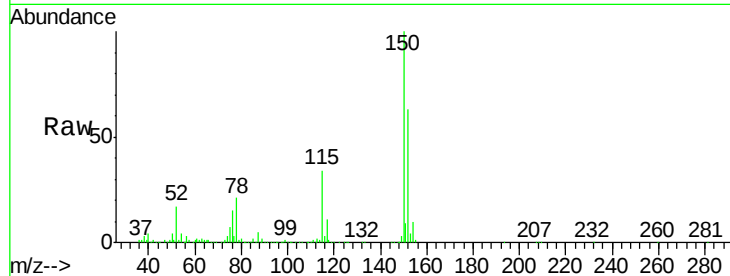
Tot Ion:152 Resp: 207401

Ion Ratio Lower Upper

152 100

115 55.3 26.9 80.7

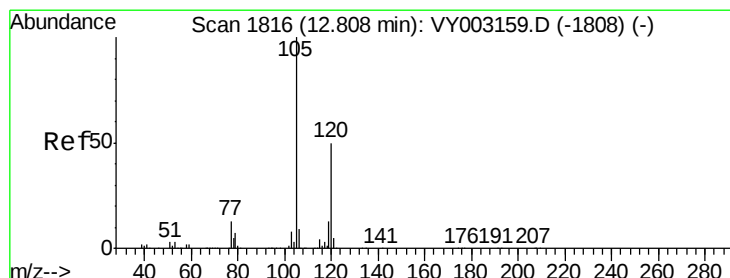
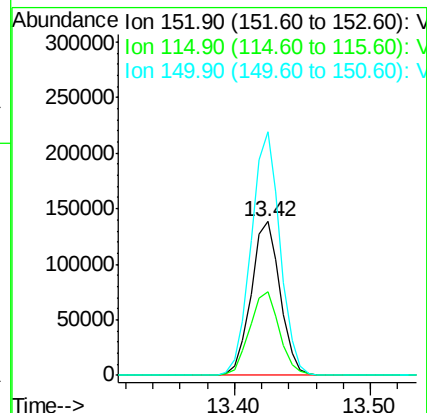
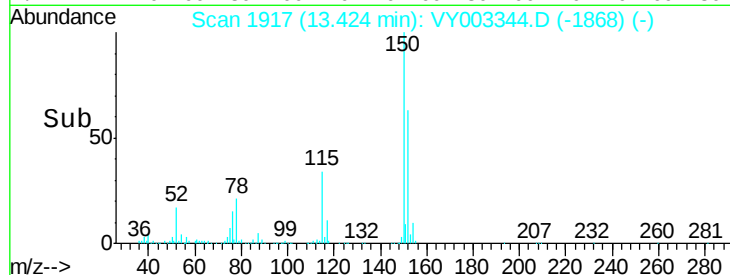
150 157.5 0.0 338.0



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



#80

1,3,5-Trimethylbenzene

Concen: 1.729 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003344.D

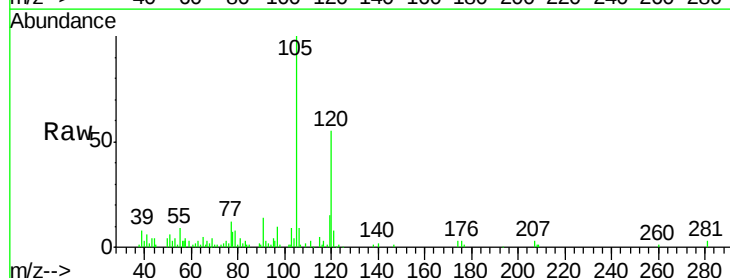
Acq: 24 Jul 2020 20:02

Tgt Ion:105 Resp: 19045

Ion Ratio Lower Upper

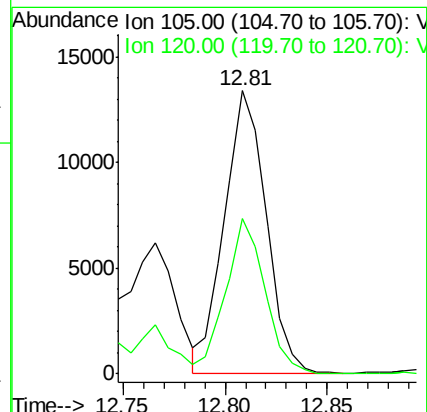
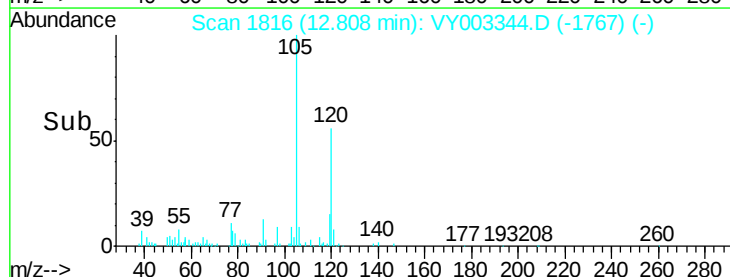
105 100

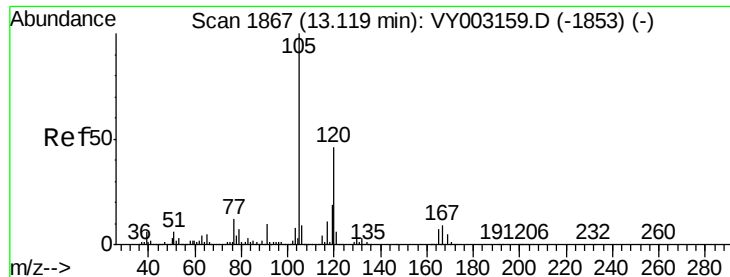
120 51.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

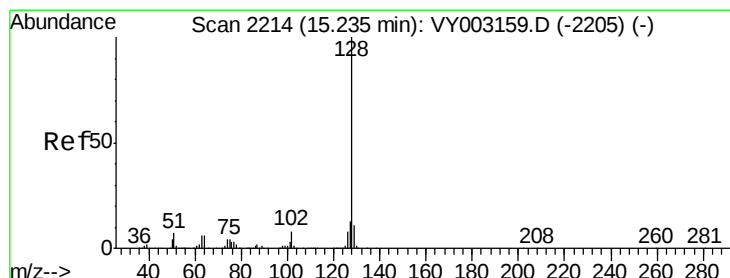
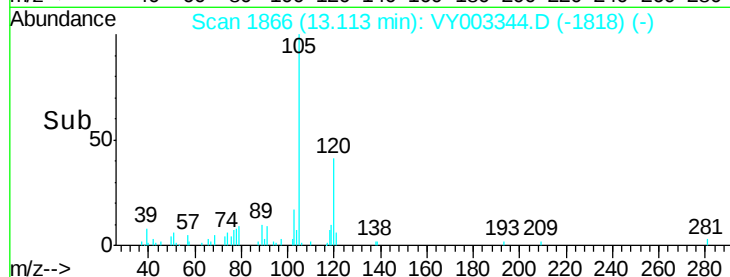
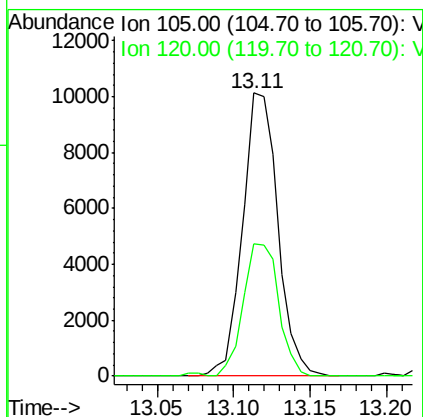
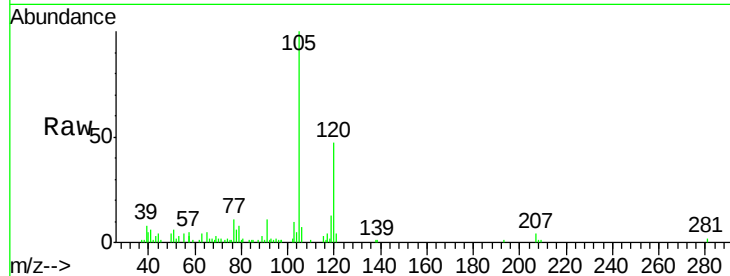




#84
 1,2,4-Trimethylbenzene
 Concen: 1.465 ug/l
 RT: 13.11 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: VY003344.D
 Acq: 24 Jul 2020 20:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 12

Tot Ion:105 Resp: 16236
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.5 67.5



#95
 Naphthalene
 Concen: 1.465 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VY003344.D
 Acq: 24 Jul 2020 20:02

Tgt Ion:128 Resp: 9632
 Ion Ratio Lower Upper
 128 100
 127 19.1 10.9 16.3#
 129 9.2 9.0 13.6

