

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
 Data File : VY003057.D
 Acq On : 01 Jul 2020 14:34
 Operator : SY/MD
 Sample : L2814-14
 Misc : 7.26G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-02-063020

Quant Time: Jul 02 09:10:58 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

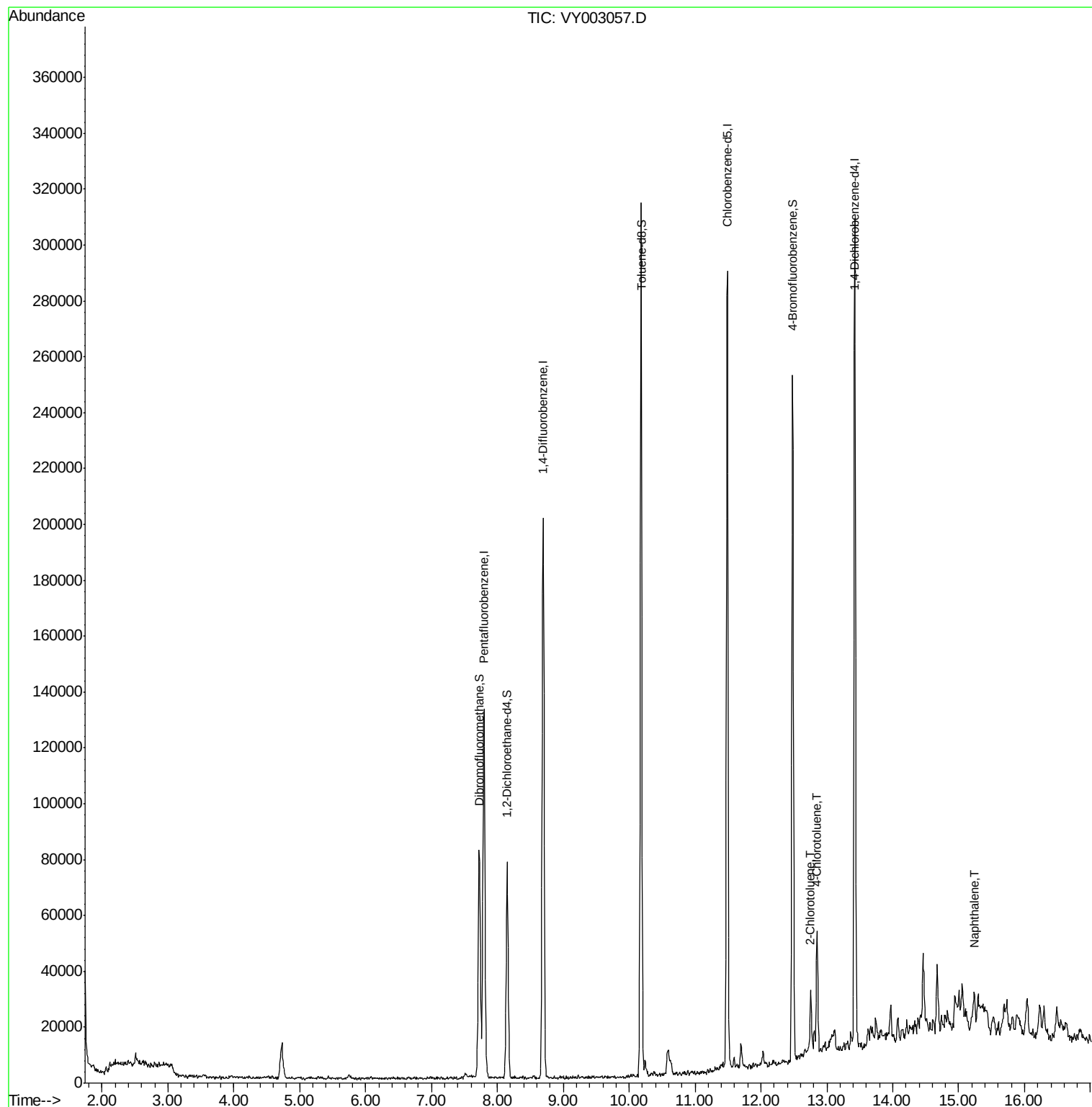
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	108643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	173748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	161552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	76620	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	59046	54.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.44%	
35) Dibromofluoromethane	7.72	113	57931	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
50) Toluene-d8	10.18	98	205875	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.48	95	69552	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
Target Compounds						
79) 2-Chlorotoluene	12.75	91	12142	3.607	ug/l	96
82) 4-Chlorotoluene	12.85	91	22197	6.334	ug/l	96
95) Naphthalene	15.23	128	7983	2.731	ug/l #	93

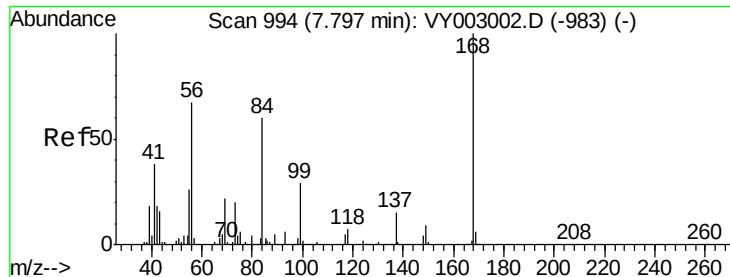
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY070120\
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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: VY003057.D

Acq: 01 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampled :

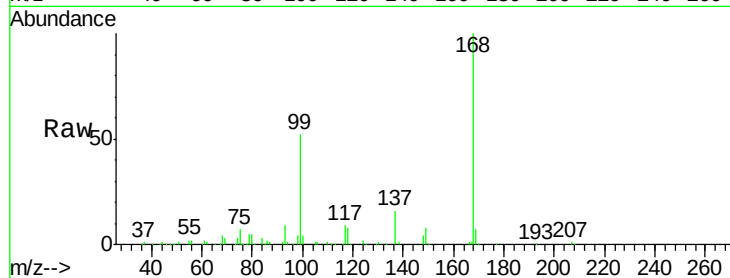
PL-02-063020

Tot Ion:168 Resp: 108643

Ion Ratio Lower Upper

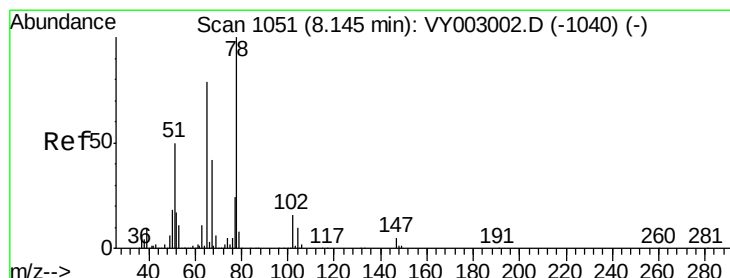
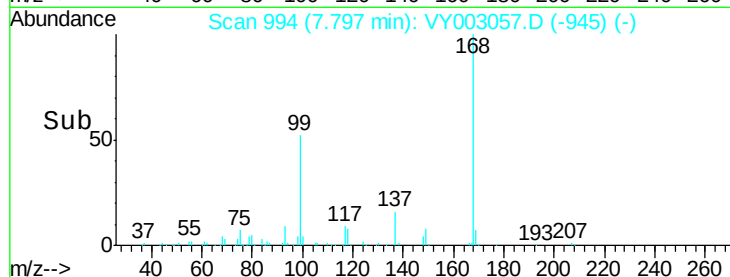
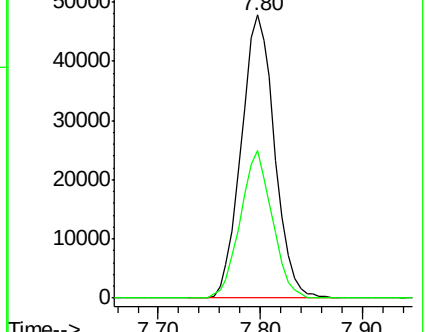
168 100

99 52.1 39.2 58.8



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

Ion 98.90 (98.60 to 99.60): VY003057.D (-945) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.721 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003057.D

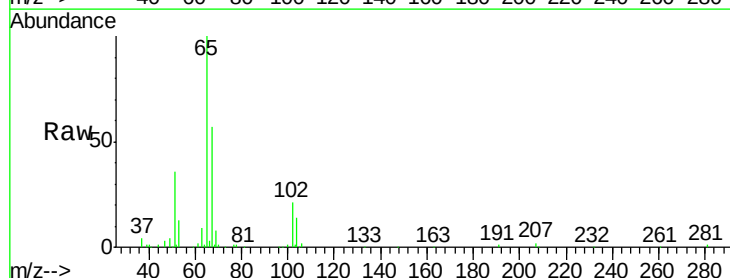
Acq: 01 Jul 2020 14:34

Tgt Ion: 65 Resp: 59046

Ion Ratio Lower Upper

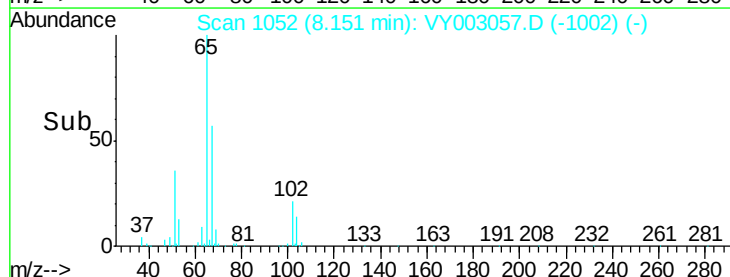
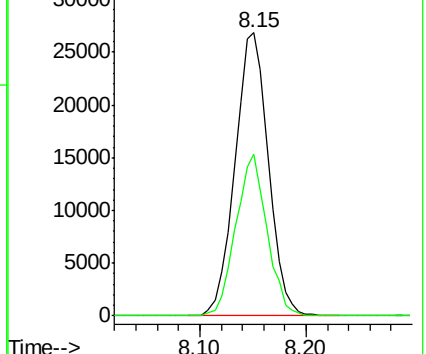
65 100

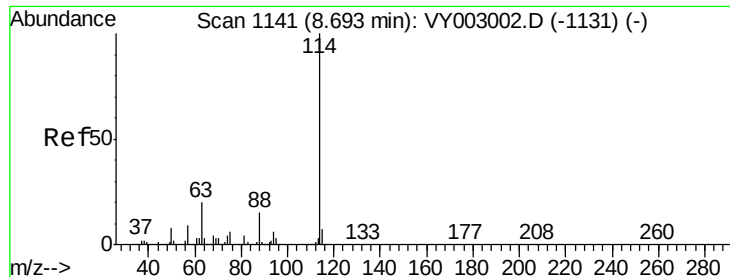
67 53.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY003002.D (-1040) (-)

Ion 66.90 (66.60 to 67.60): VY003057.D (-1002) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003057.D

Acq: 01 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

PL-02-063020

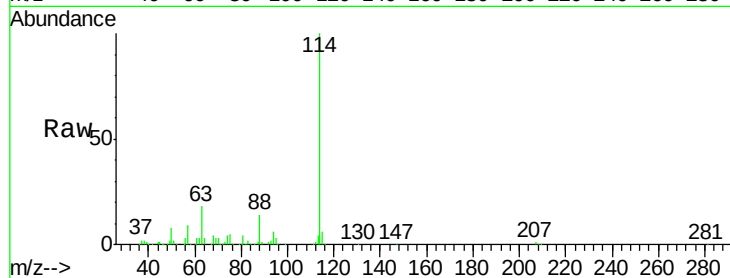
Tot Ion:114 Resp: 173748

Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.6

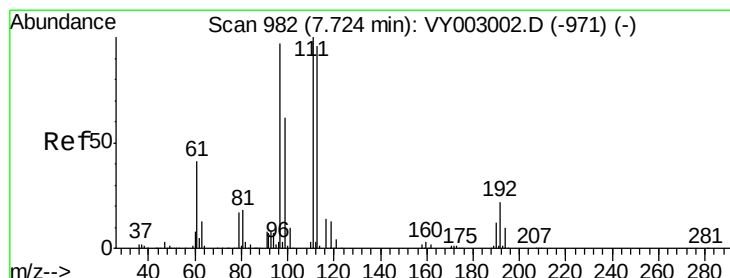
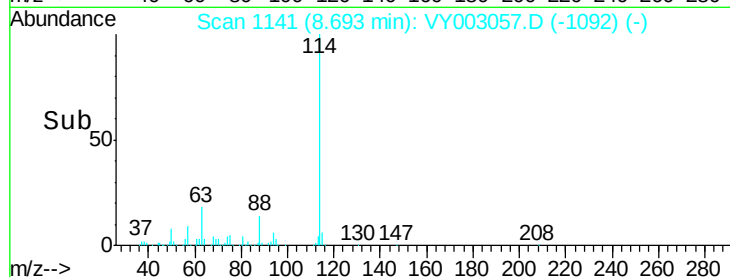
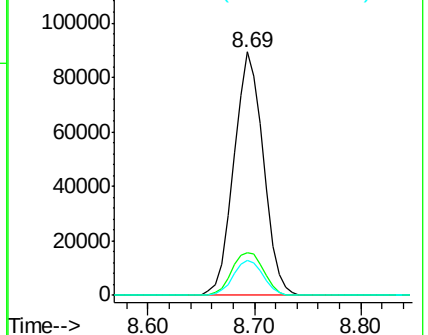
88 14.3 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 53.448 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003057.D

Acq: 01 Jul 2020 14:34

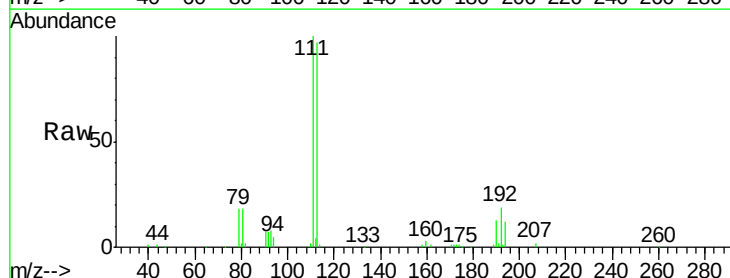
Tgt Ion:113 Resp: 57931

Ion Ratio Lower Upper

113 100

111 98.5 82.6 123.8

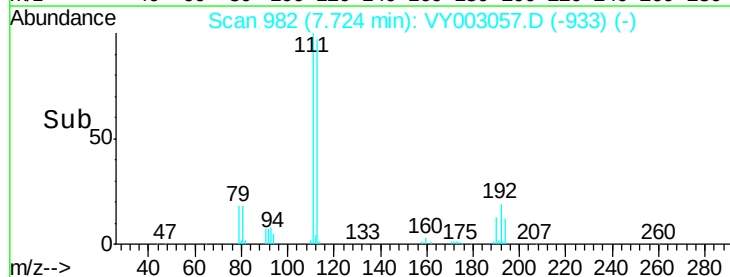
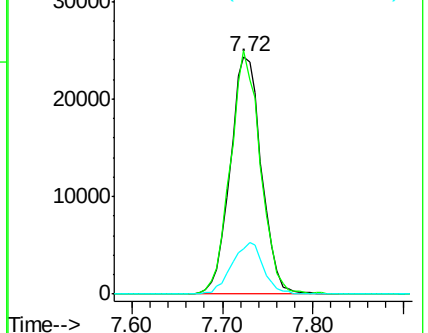
192 22.0 18.1 27.1

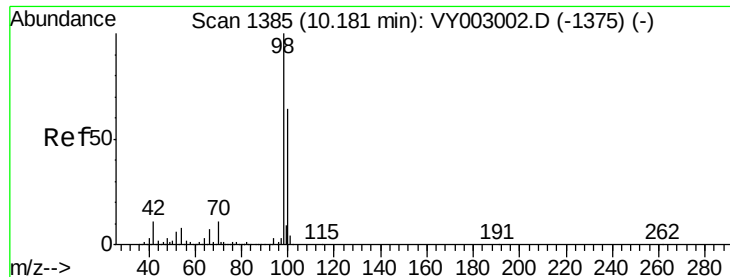


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.986 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003057.D

Acq: 01 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

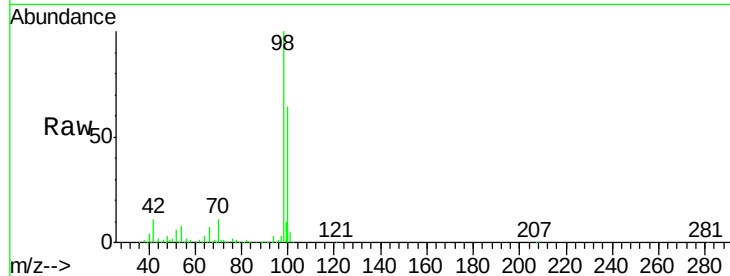
PL-02-063020

Tot Ion: 98 Resp: 205875

Ion Ratio Lower Upper

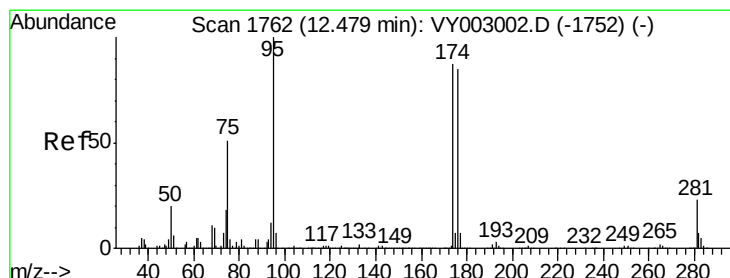
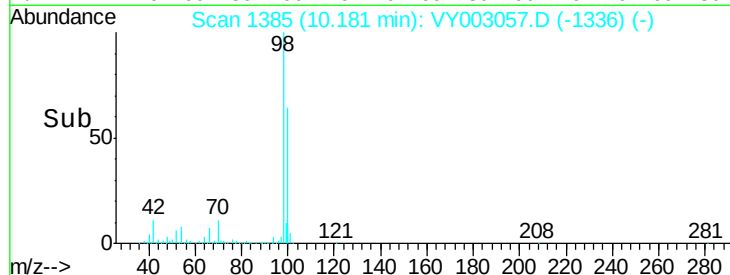
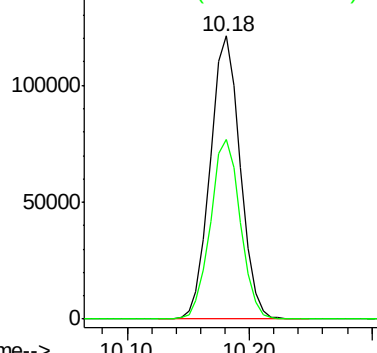
98 100

100 63.6 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: 48.934 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003057.D

Acq: 01 Jul 2020 14:34

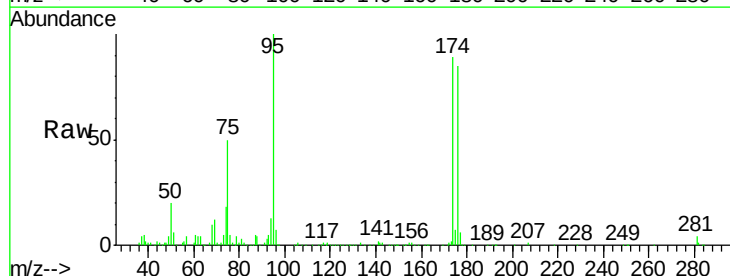
Tgt Ion: 95 Resp: 69552

Ion Ratio Lower Upper

95 100

174 92.8 0.0 184.8

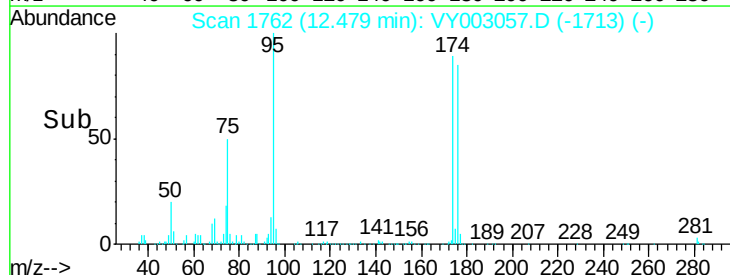
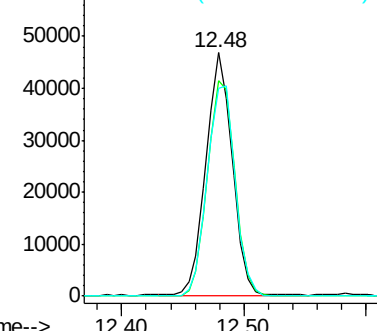
176 92.0 0.0 183.0

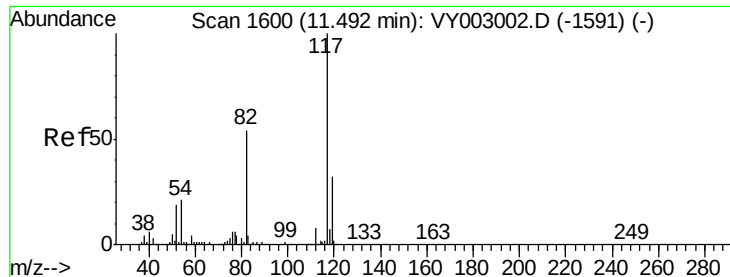


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

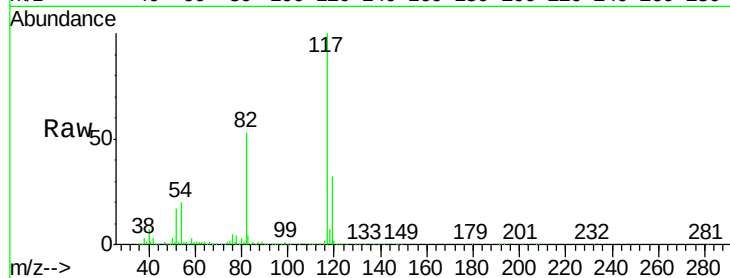




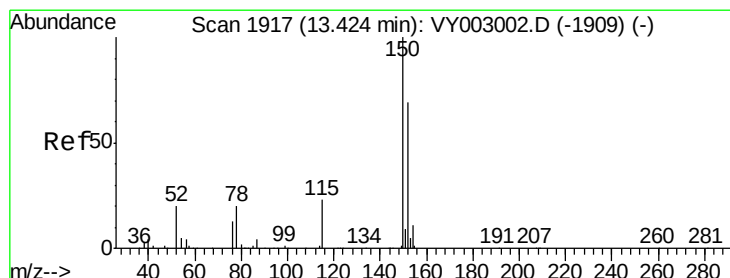
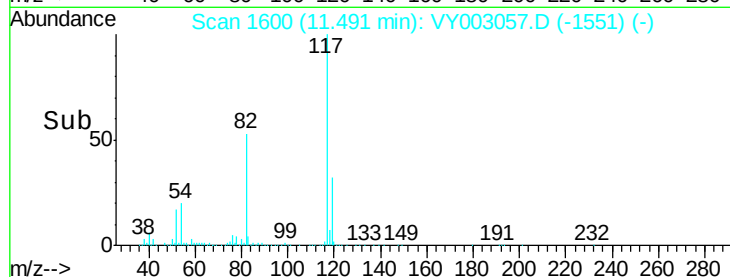
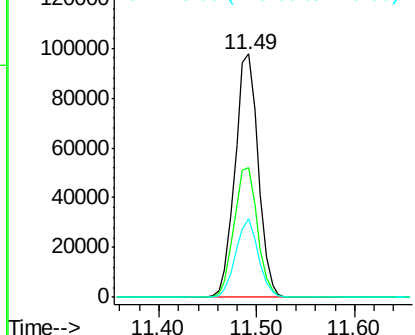
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003057.D
Acq: 01 Jul 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-063020

Tot Ion:117 Resp: 161552
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.6
119 32.3 25.8 38.8

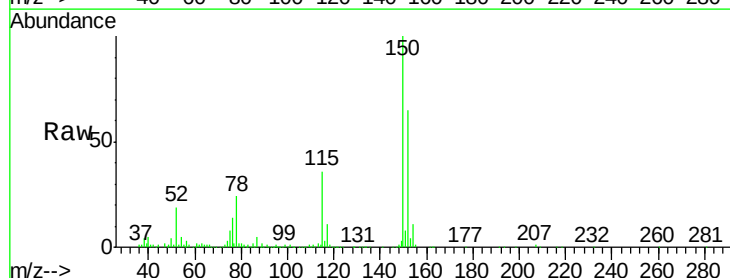


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

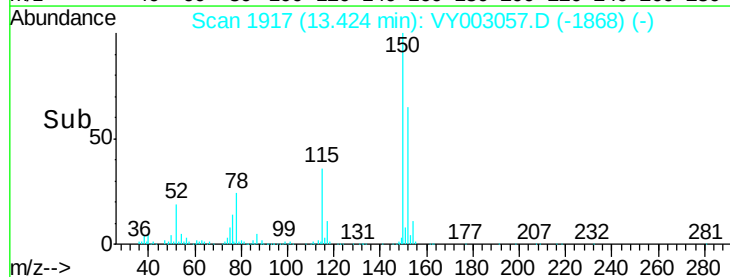
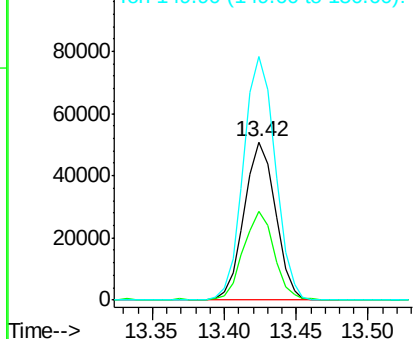


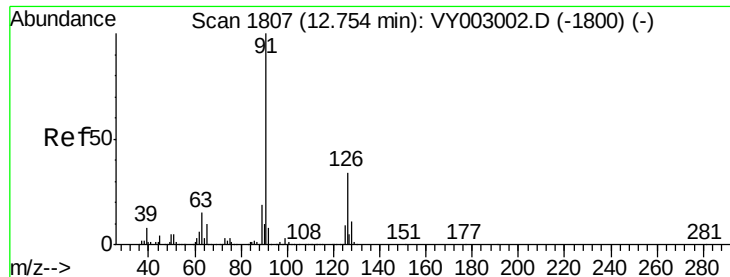
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003057.D
Acq: 01 Jul 2020 14:34

Tgt Ion:152 Resp: 76620
Ion Ratio Lower Upper
152 100
115 54.9 27.3 81.9
150 156.8 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: 3.607 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003057.D

Acq: 01 Jul 2020 14:34

Instrument :

MSVOA_Y

ClientSampleId :

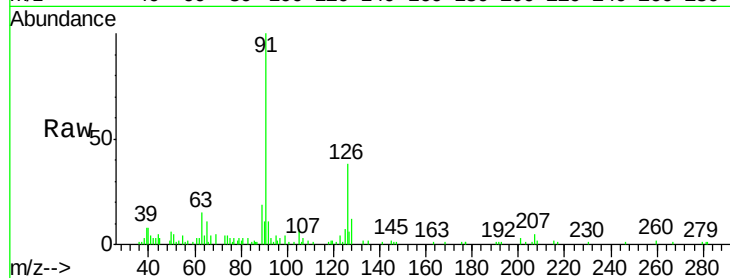
PL-02-063020

Tot Ion: 91 Resp: 12142

Ion Ratio Lower Upper

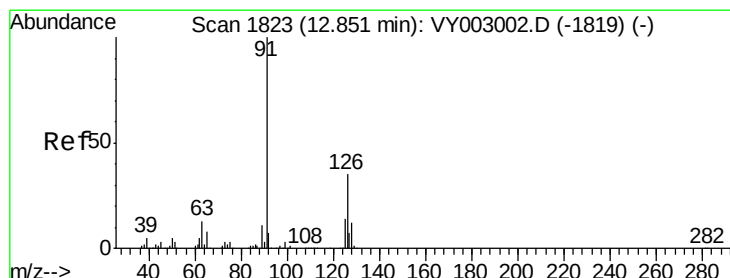
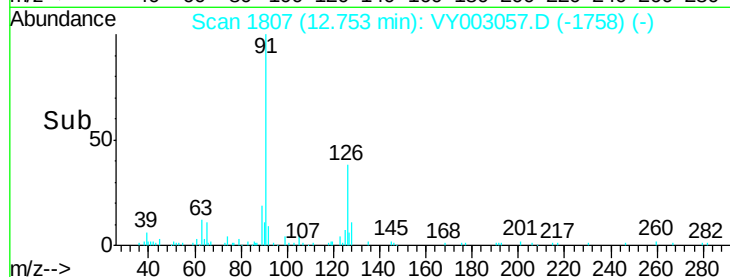
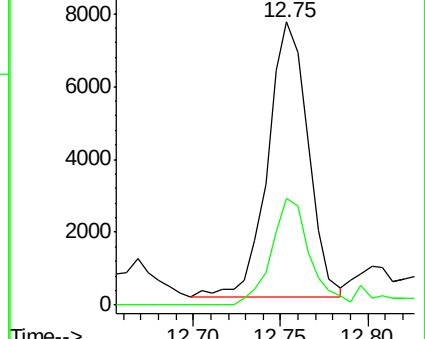
91 100

126 36.2 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: 6.334 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003057.D

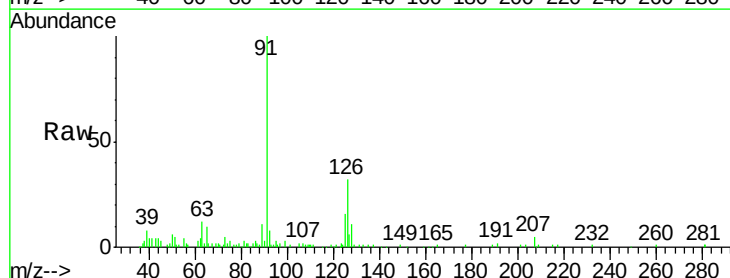
Acq: 01 Jul 2020 14:34

Tgt Ion: 91 Resp: 22197

Ion Ratio Lower Upper

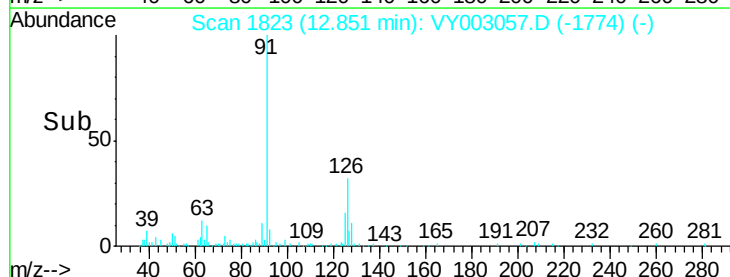
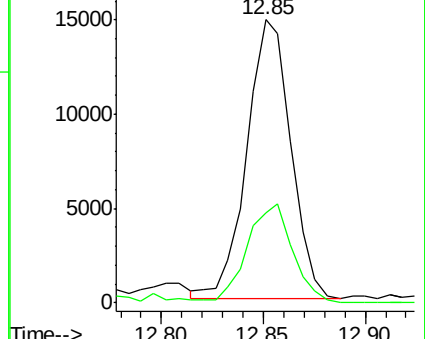
91 100

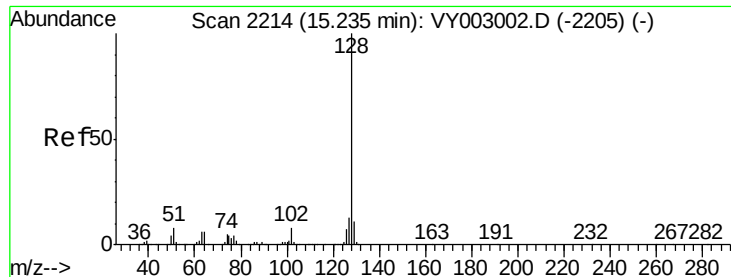
126 37.0 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

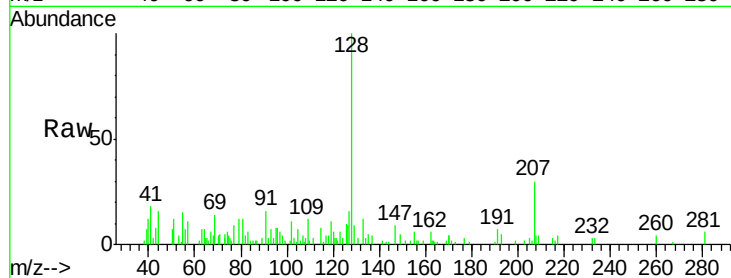




#95
Naphthalene
Concen: 2.731 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003057.D
Acq: 01 Jul 2020 14:34

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-063020

Tot Ion	Ratio	Lower	Upper
128	100		
127	17.1	10.8	16.2#
129	13.0	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

