

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
 Data File : VY002825.D
 Acq On : 03 Jun 2020 12:05
 Operator : SY/MD
 Sample : L2814-01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-02-052920

Quant Time: Jun 03 17:06:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

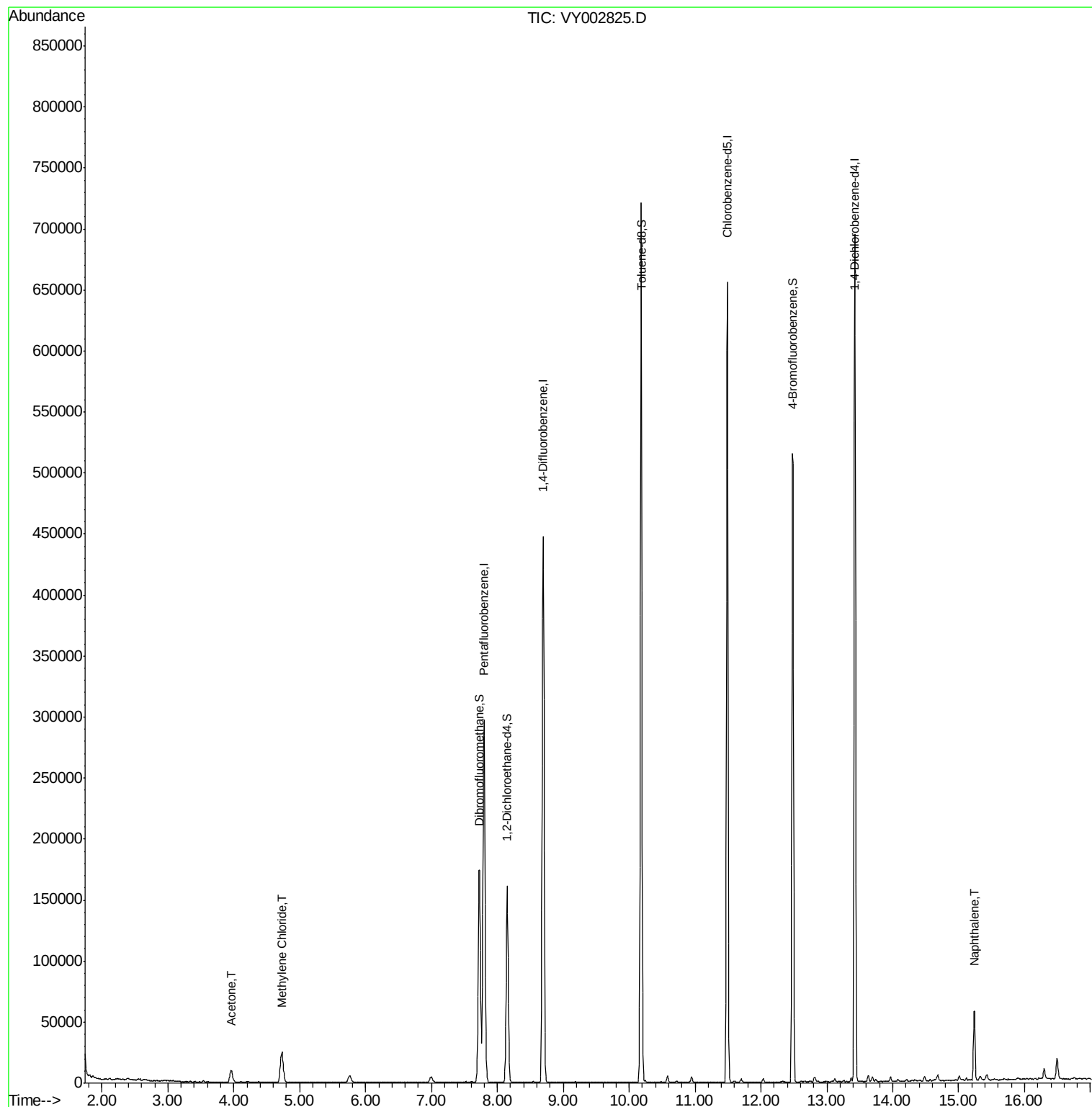
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	254528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	410302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	376234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	190024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	123694	55.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.94%	
35) Dibromofluoromethane	7.73	113	124819	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
50) Toluene-d8	10.18	98	479698	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
62) 4-Bromofluorobenzene	12.48	95	159968	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
Target Compounds						
16) Acetone	3.96	43	17657	34.072	ug/l	98
20) Methylene Chloride	4.72	84	20521	8.103	ug/l	98
95) Naphthalene	15.24	128	50205	6.099	ug/l	100

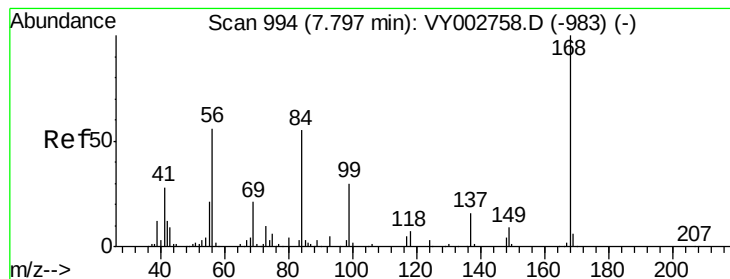
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002825.D

Acq: 03 Jun 2020 12:05

Instrument :

MSVOA_Y

ClientSampleId :

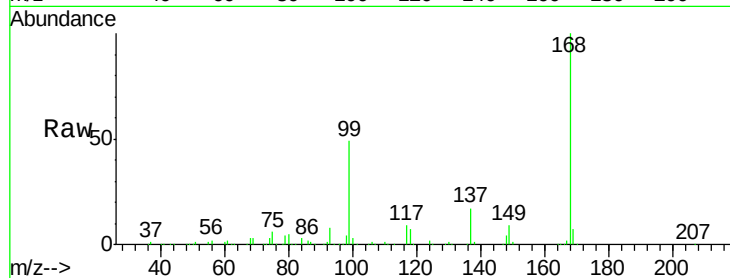
PL-02-052920

Tot Ion:168 Resp: 254528

Ion Ratio Lower Upper

168 100

99 48.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): VY002825.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002825.D (-945) (-)

7.80

120000

100000

80000

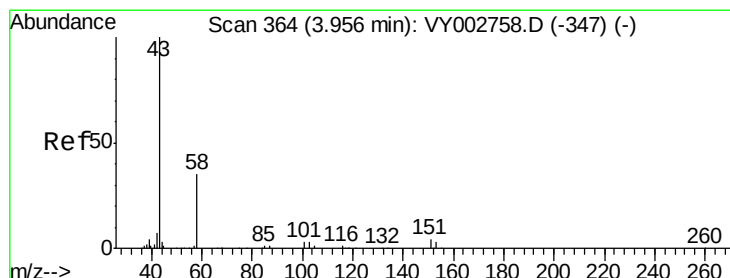
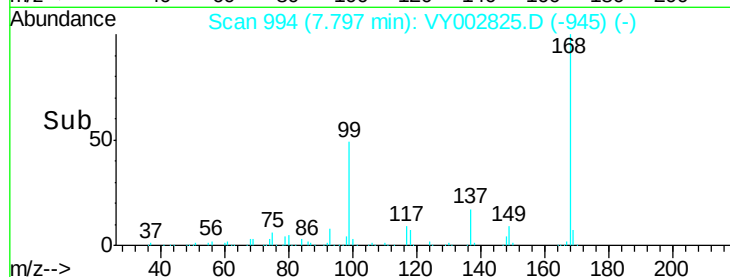
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 34.072 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY002825.D

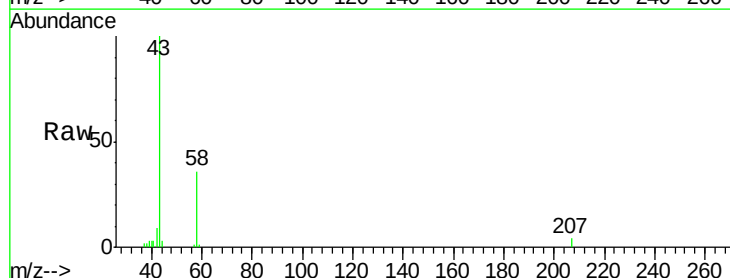
Acq: 03 Jun 2020 12:05

Tgt Ion: 43 Resp: 17657

Ion Ratio Lower Upper

43 100

58 35.5 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VY002825.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY002825.D (-315) (-)

3.96

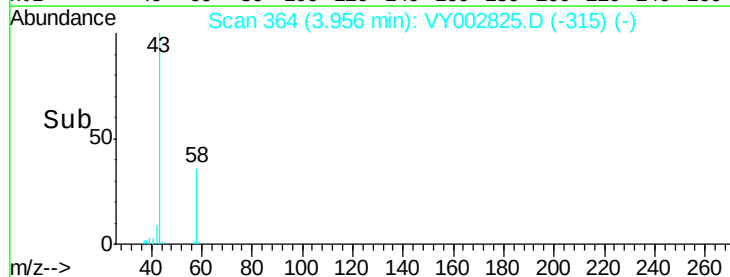
6000

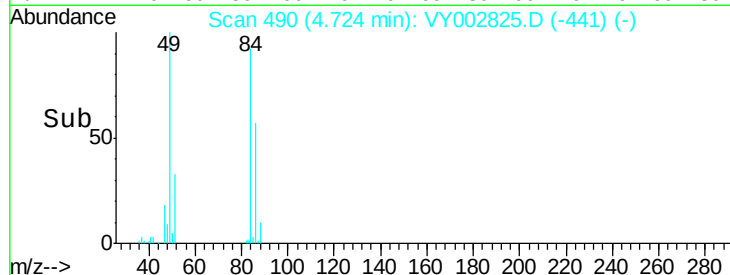
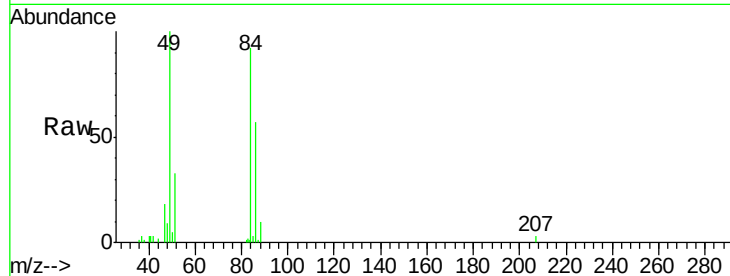
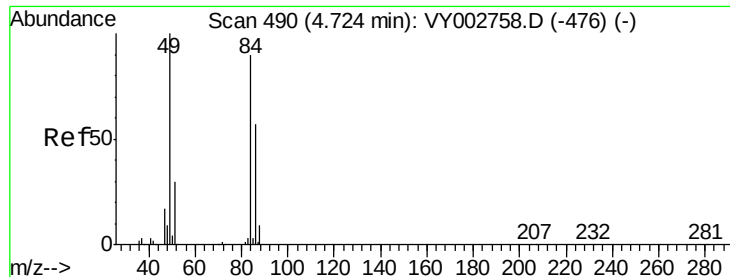
4000

2000

0

Time-->

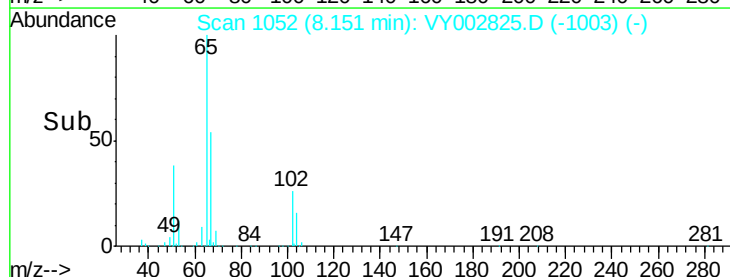
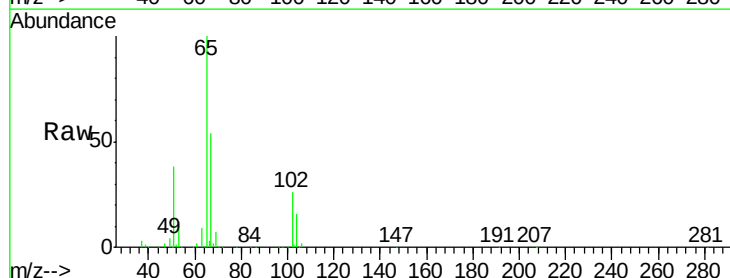
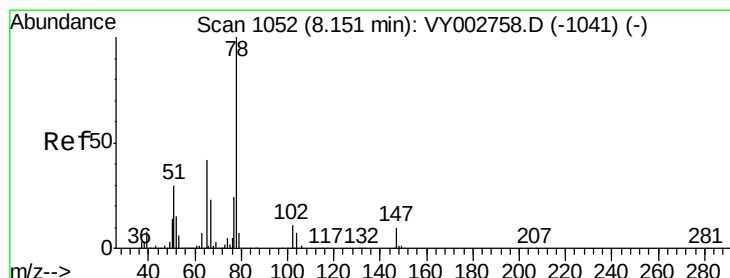
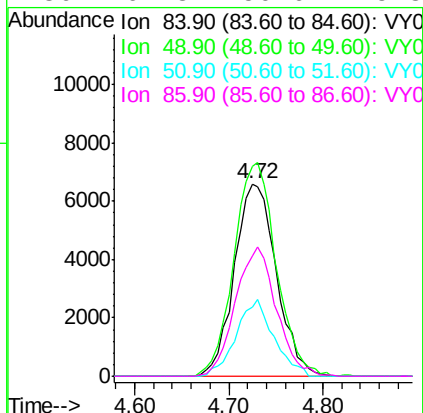




#20
Methylene Chloride
Concen: 8.103 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002825.D
Acq: 03 Jun 2020 12:05

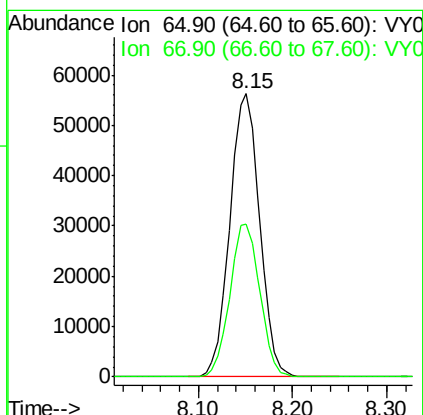
Instrument :
MSVOA_Y
ClientSampled :
PL-02-052920

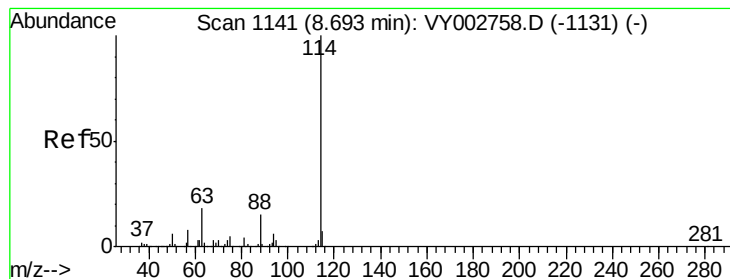
Tot Ion:	84	Resp:	20521
Ion	Ratio	Lower	Upper
84	100		
49	109.0	88.5	132.7
51	35.7	26.8	40.2
86	62.3	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 55.970 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY002825.D
Acq: 03 Jun 2020 12:05

Tgt Ion:	65	Resp:	123694
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY002825.D

Acq: 03 Jun 2020 12:05

Instrument :

MSVOA_Y

ClientSampleId :

PL-02-052920

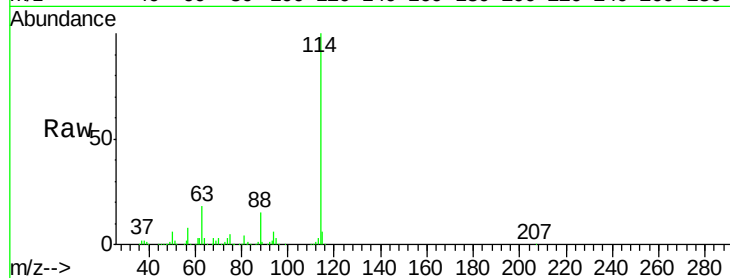
Tot Ion:114 Resp: 410302

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

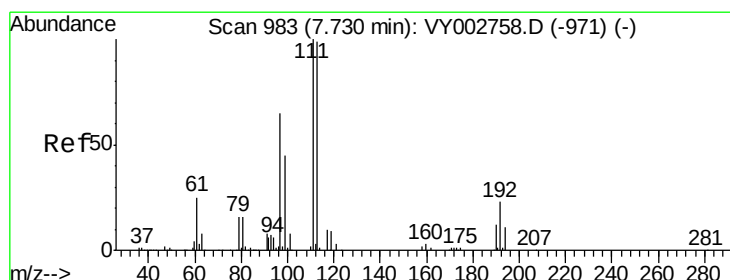
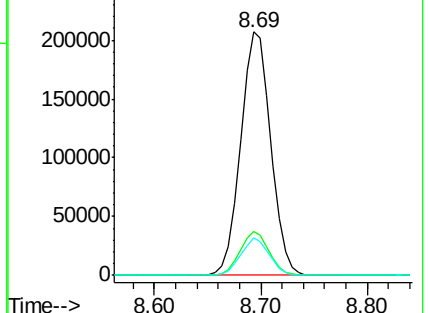
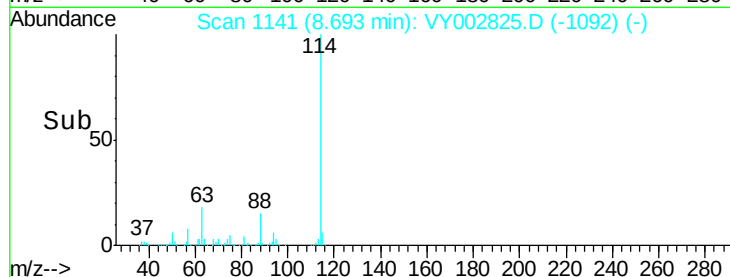
88 15.2 0.0 29.2



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: 51.909 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY002825.D

Acq: 03 Jun 2020 12:05

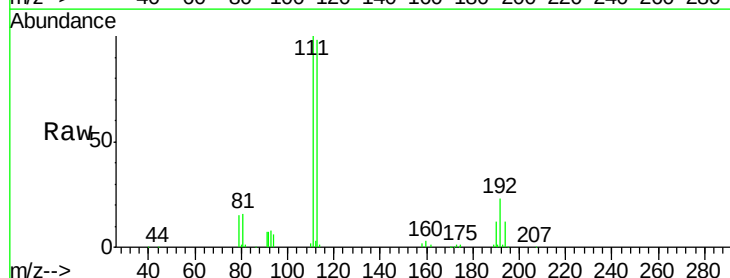
Tgt Ion:113 Resp: 124819

Ion Ratio Lower Upper

113 100

111 103.7 82.0 123.0

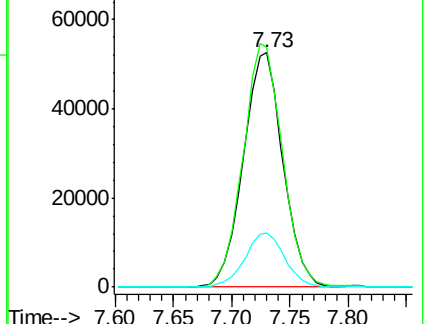
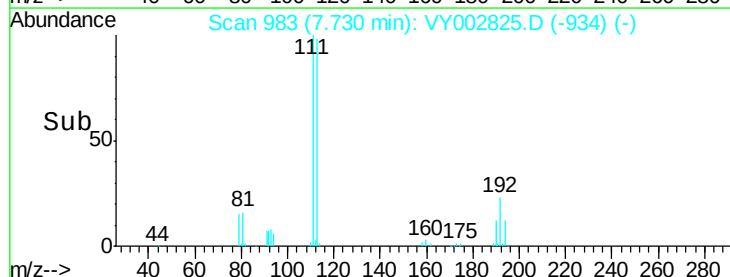
192 23.1 18.9 28.3

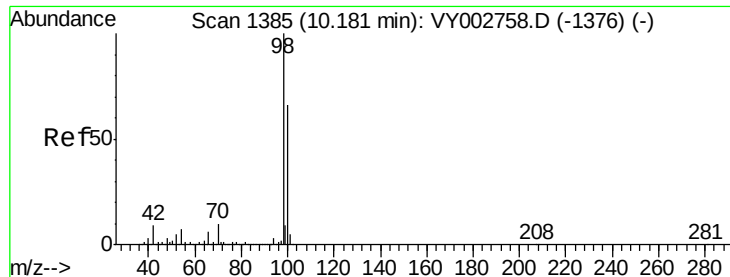


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.340 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY002825.D

Acq: 03 Jun 2020 12:05

Instrument :

MSVOA_Y

ClientSampleId :

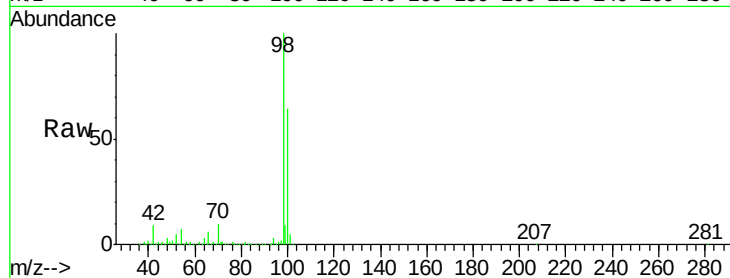
PL-02-052920

Tot Ion: 98 Resp: 479698

Ion Ratio Lower Upper

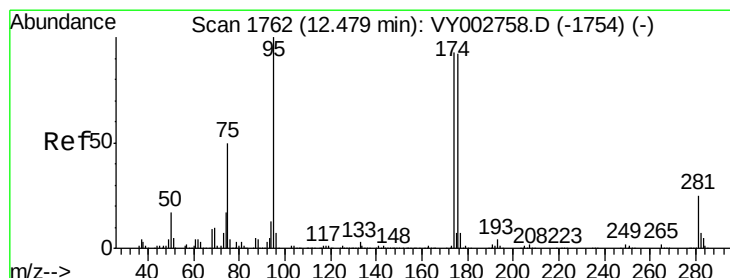
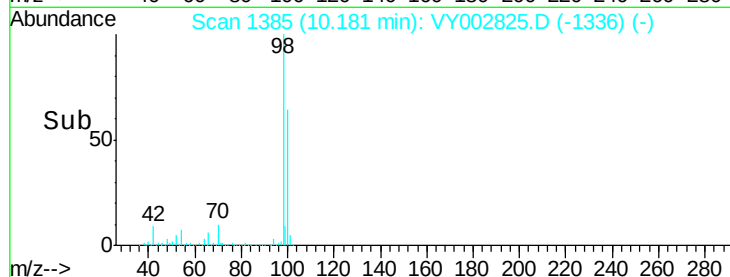
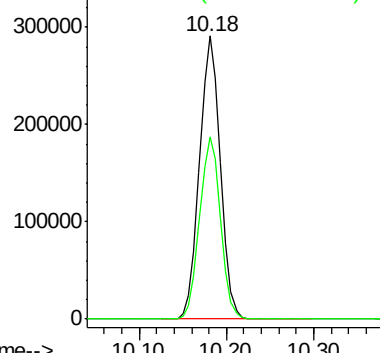
98 100

100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 48.145 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002825.D

Acq: 03 Jun 2020 12:05

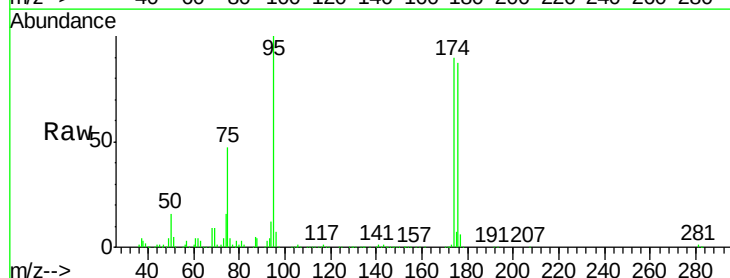
Tgt Ion: 95 Resp: 159968

Ion Ratio Lower Upper

95 100

174 95.7 0.0 191.2

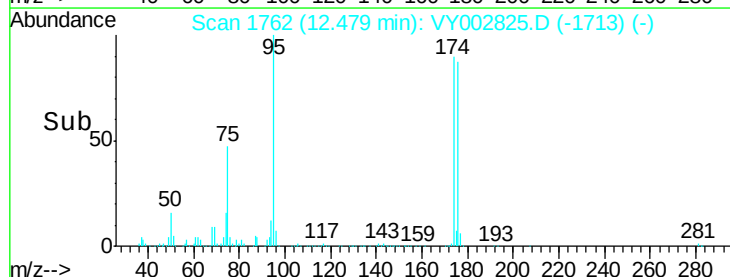
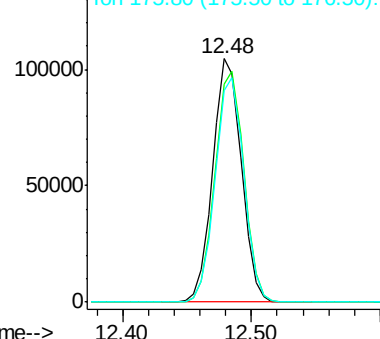
176 92.4 0.0 188.8

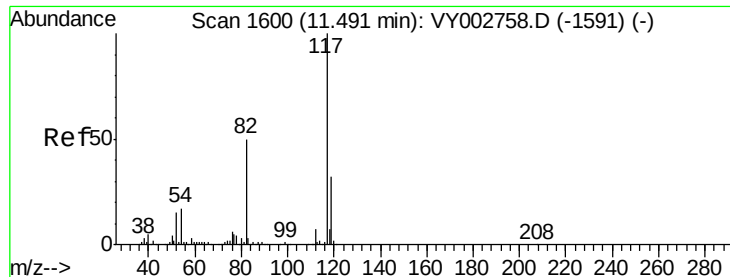


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

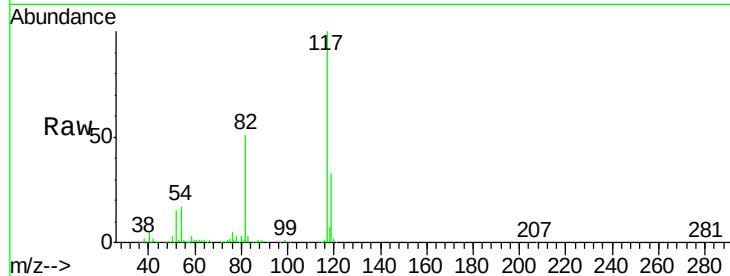




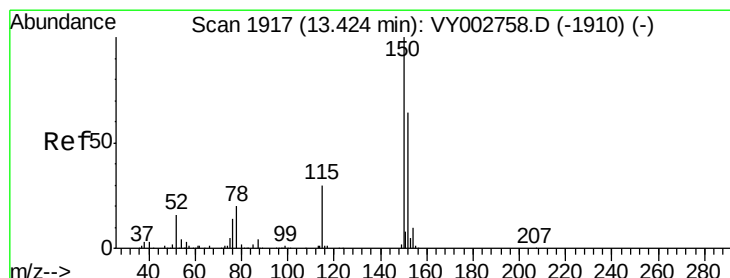
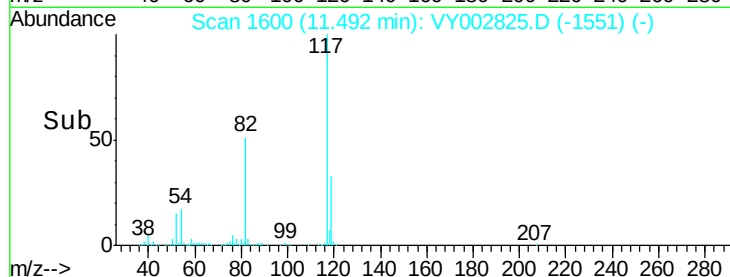
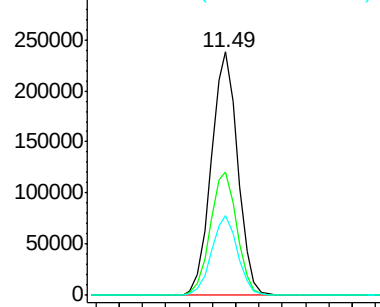
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002825.D
Acq: 03 Jun 2020 12:05

Instrument :
MSVOA_Y
ClientSampleId :
PL-02-052920

Tot Ion:117 Resp: 376234
Ion Ratio Lower Upper
117 100
82 50.7 40.2 60.4
119 32.7 25.8 38.8

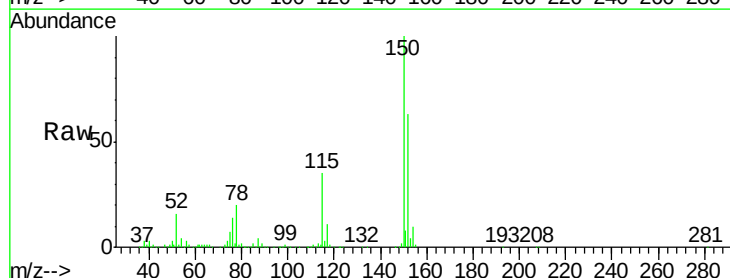


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

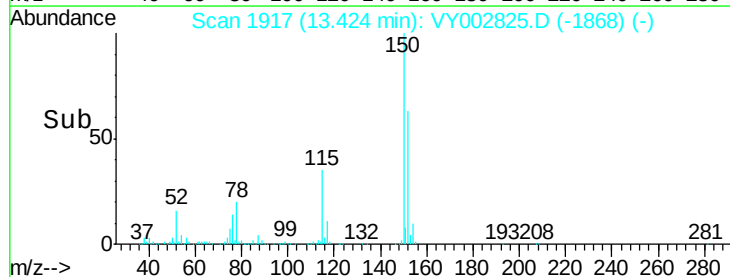
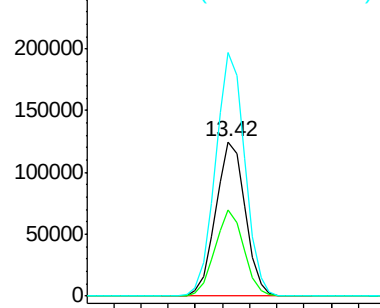


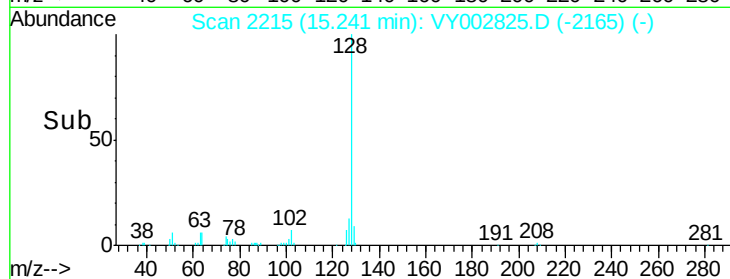
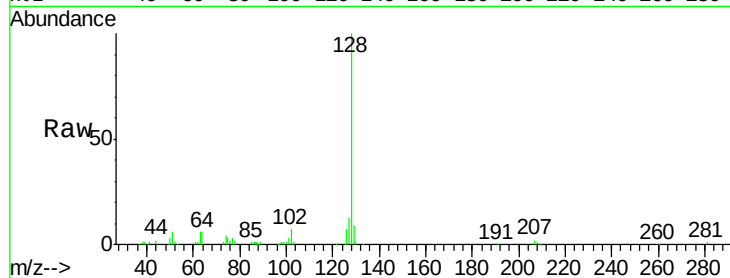
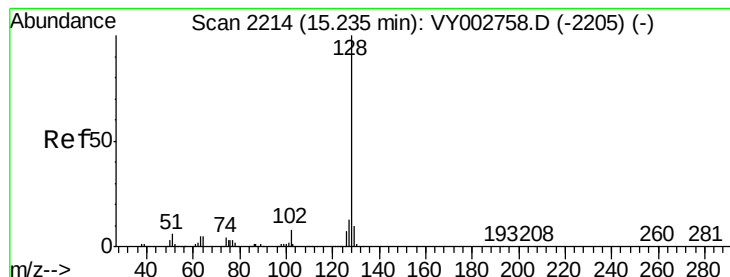
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002825.D
Acq: 03 Jun 2020 12:05

Tgt Ion:152 Resp: 190024
Ion Ratio Lower Upper
152 100
115 54.3 27.0 81.0
150 156.3 0.0 344.8



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





#95

Naphthalene

Concen: 6.099 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY002825.D

Acq: 03 Jun 2020 12:05

Instrument :

MSVOA_Y

ClientSampleId :

PL-02-052920

Tot Ion:128 Resp: 50205

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.7 13.1

