

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003046.D
 Acq On : 30 Jun 2020 19:38
 Operator : SY/MD
 Sample : L3153-25
 Misc : 6.73G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-F

Quant Time: Jul 01 06:55:10 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

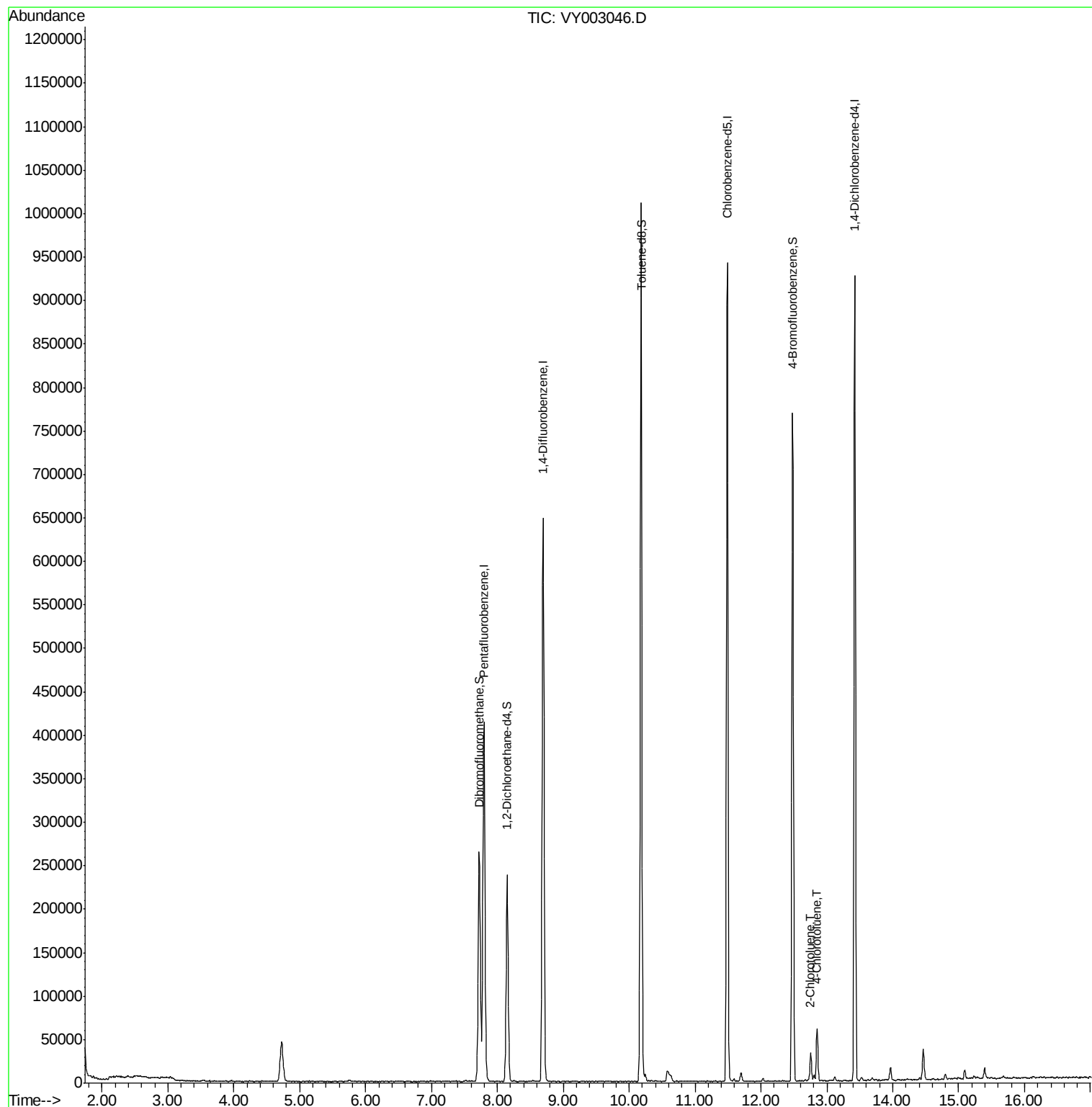
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	347648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	553512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	517638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	244011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	185798	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
35) Dibromofluoromethane	7.72	113	185117	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
50) Toluene-d8	10.18	98	668975	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.48	95	222445	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
Target Compounds						
79) 2-Chlorotoluene	12.75	91	16821	1.569	ug/l	96
82) 4-Chlorotoluene	12.85	91	32832	2.942	ug/l	98

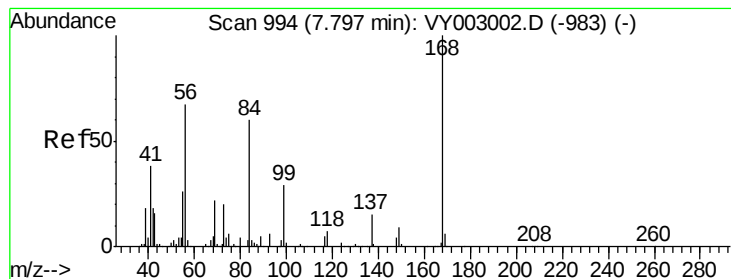
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003046.D

Acq: 30 Jun 2020 19:38

Instrument :

MSVOA_Y

ClientSampleId :

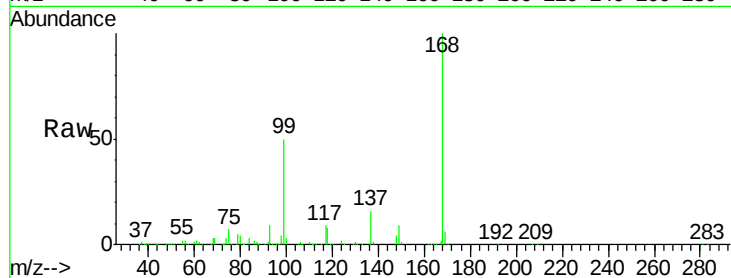
SP2-F

Tot Ion:168 Resp: 347648

Ion Ratio Lower Upper

168 100

99 50.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003046.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003046.D (-945) (-)

7.80

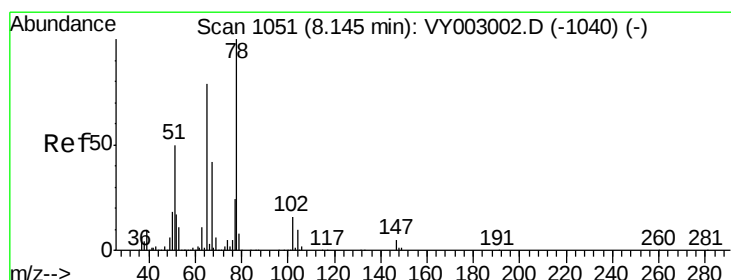
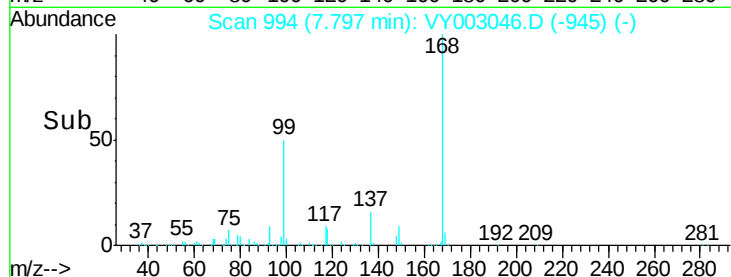
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.810 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VY003046.D

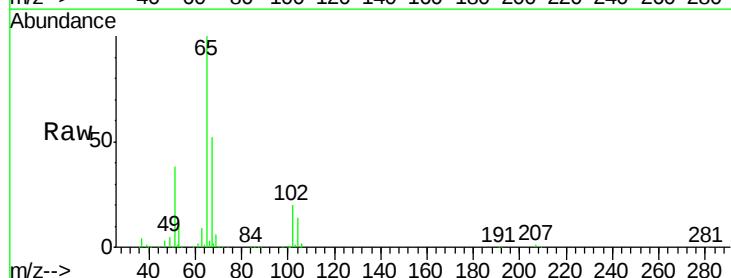
Acq: 30 Jun 2020 19:38

Tgt Ion: 65 Resp: 185798

Ion Ratio Lower Upper

65 100

67 53.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VY003046.D (-1002) (-)

Ion 66.90 (66.60 to 67.60): VY003046.D (-1002) (-)

8.14

100000

80000

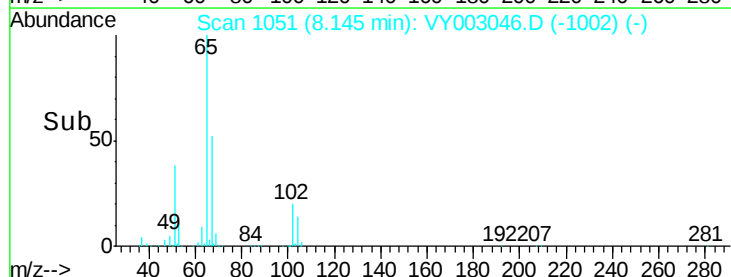
60000

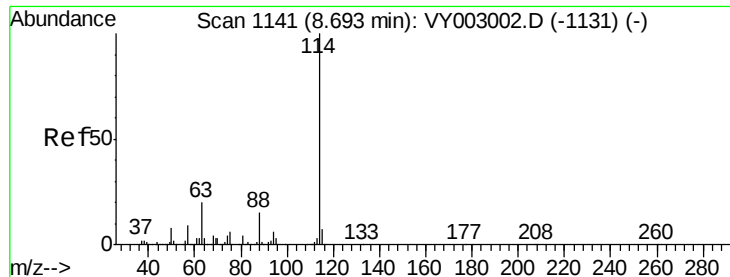
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.00 min

Lab File: VY003046.D

Acq: 30 Jun 2020 19:38

Instrument :

MSVOA_Y

ClientSampleId :

SP2-F

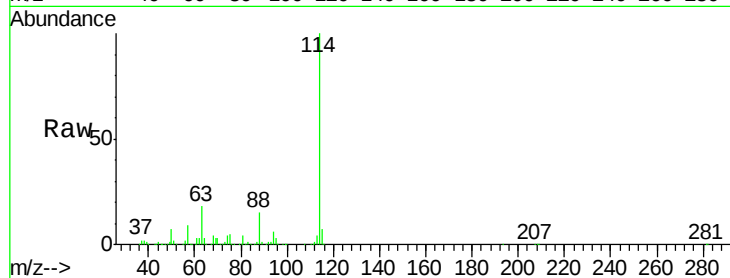
Tot Ion:114 Resp: 553512

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.6

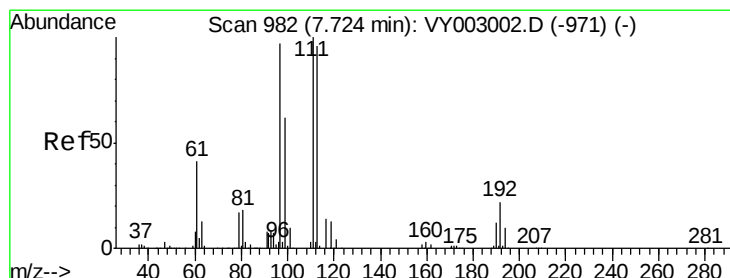
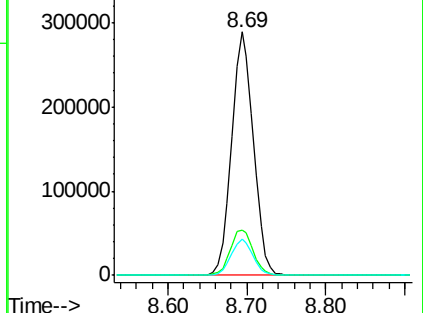
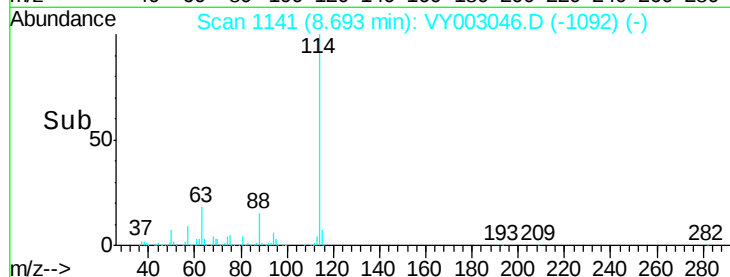
88 14.9 0.0 30.0



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: 53.612 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003046.D

Acq: 30 Jun 2020 19:38

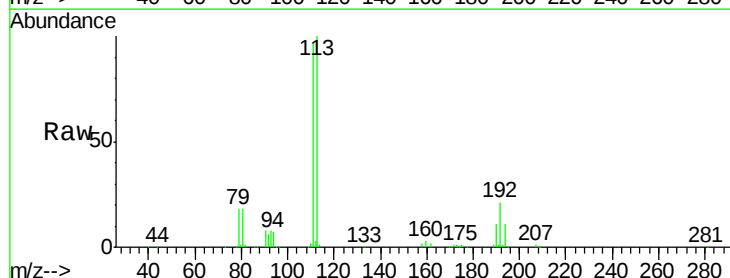
Tgt Ion:113 Resp: 185117

Ion Ratio Lower Upper

113 100

111 101.3 82.6 123.8

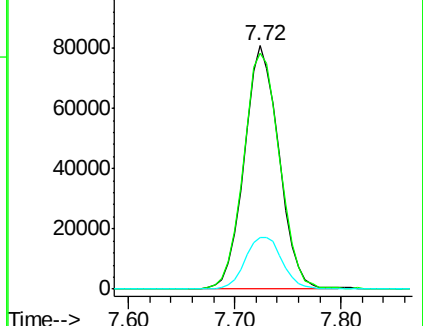
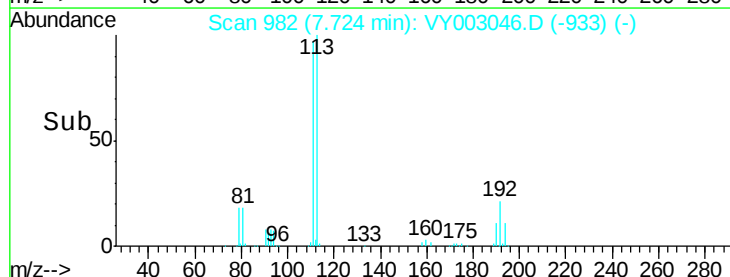
192 22.9 18.1 27.1

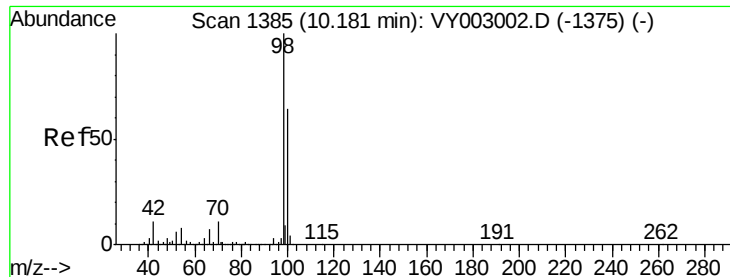


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.005 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003046.D

Acq: 30 Jun 2020 19:38

Instrument :

MSVOA_Y

ClientSampled :

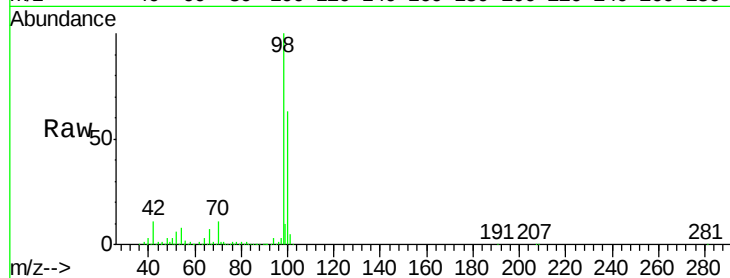
SP2-F

Tot Ion: 98 Resp: 668975

Ion Ratio Lower Upper

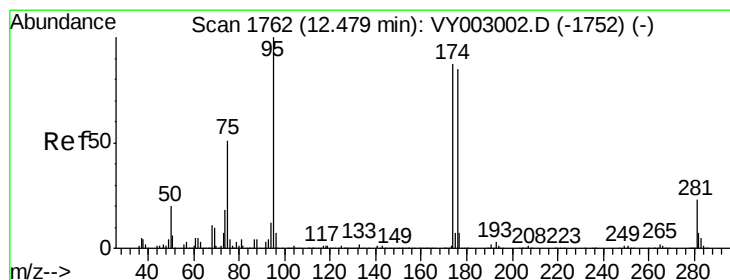
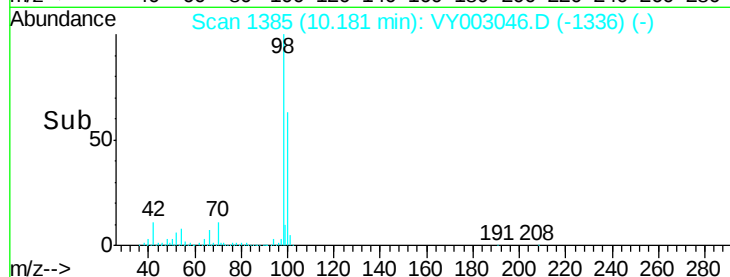
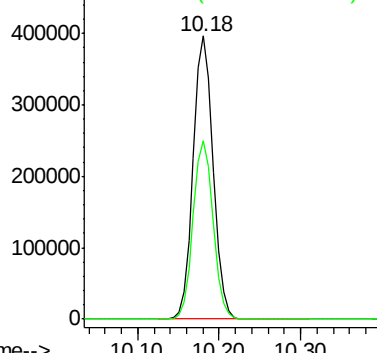
98 100

100 63.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 49.126 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003046.D

Acq: 30 Jun 2020 19:38

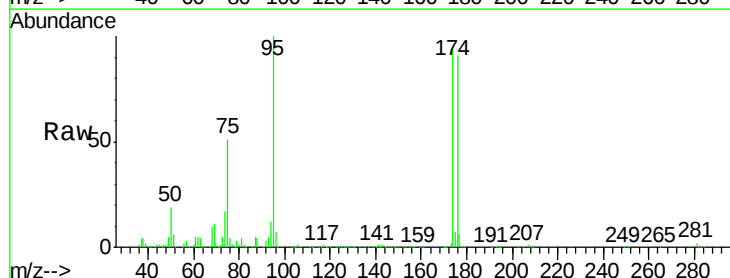
Tgt Ion: 95 Resp: 222445

Ion Ratio Lower Upper

95 100

174 96.8 0.0 184.8

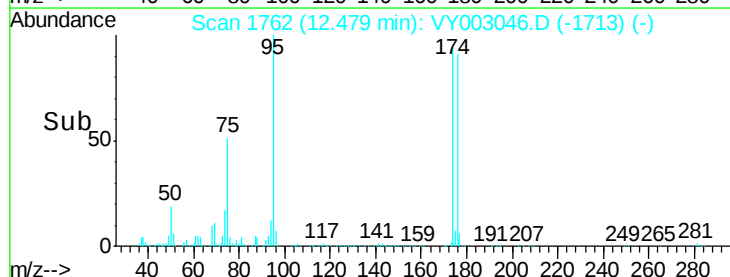
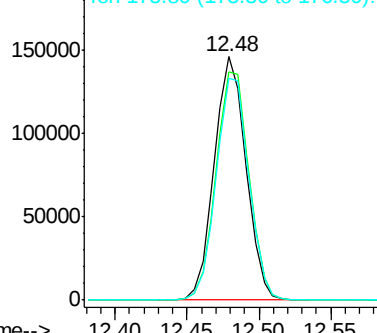
176 93.8 0.0 183.0

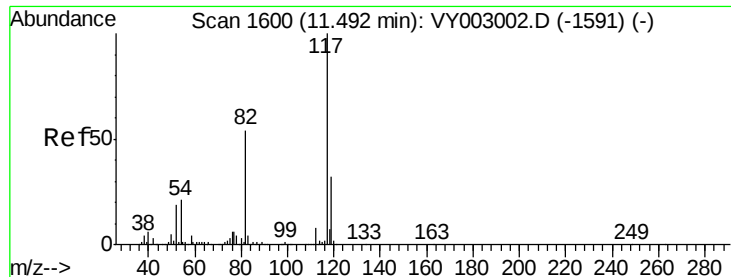


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

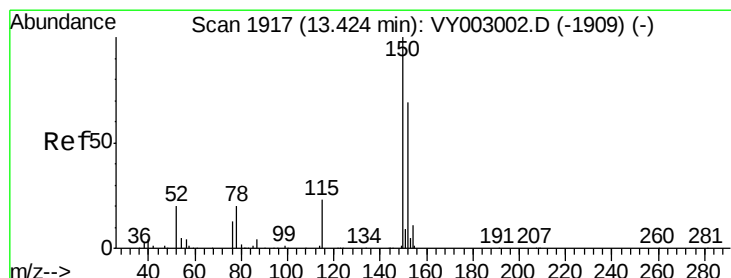
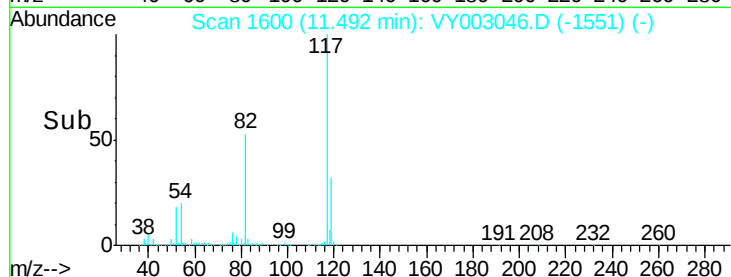
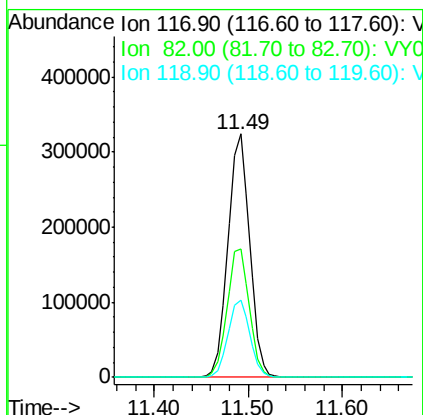
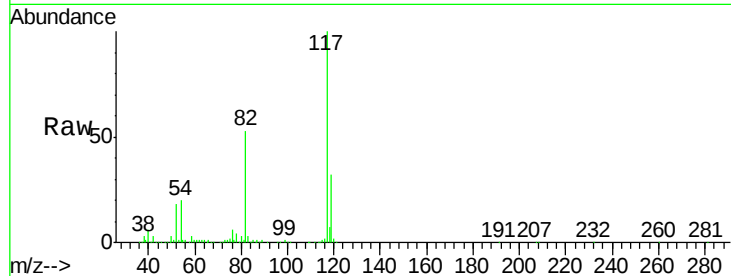




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003046.D
Acq: 30 Jun 2020 19:38

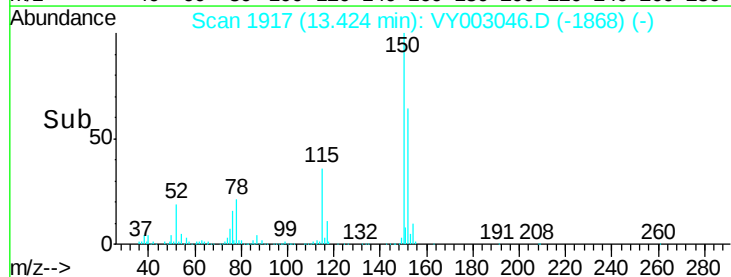
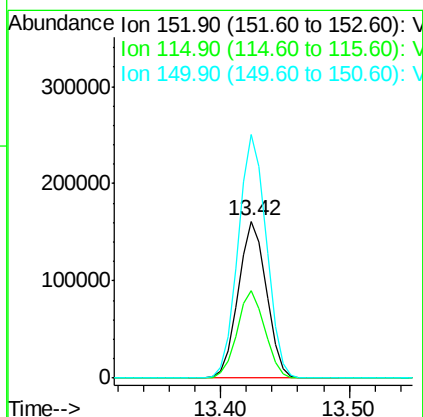
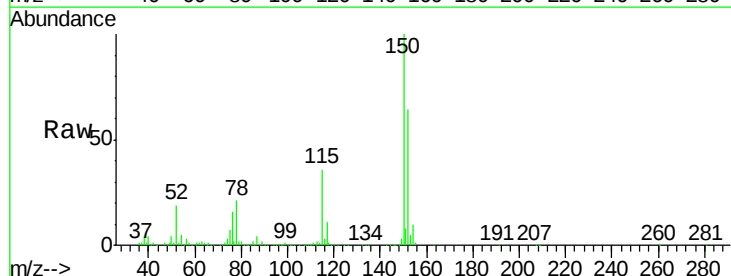
Instrument :
MSVOA_Y
ClientSampleId :
SP2-F

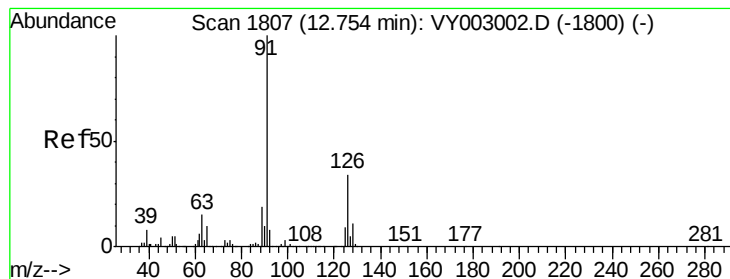
Tot Ion:117 Resp: 517638
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.6
119 31.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003046.D
Acq: 30 Jun 2020 19:38

Tgt Ion:152 Resp: 244011
Ion Ratio Lower Upper
152 100
115 54.8 27.3 81.9
150 155.9 0.0 343.4





#79

2-Chlorotoluene

Concen: 1.569 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003046.D

Acq: 30 Jun 2020 19:38

Instrument :

MSVOA_Y

ClientSampled :

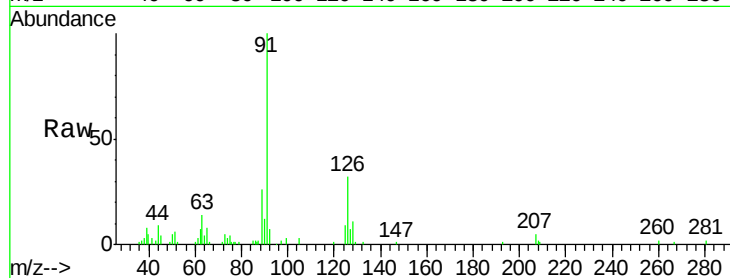
SP2-F

Tot Ion: 91 Resp: 16821

Ion Ratio Lower Upper

91 100

126 36.4 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

12000

10000

8000

6000

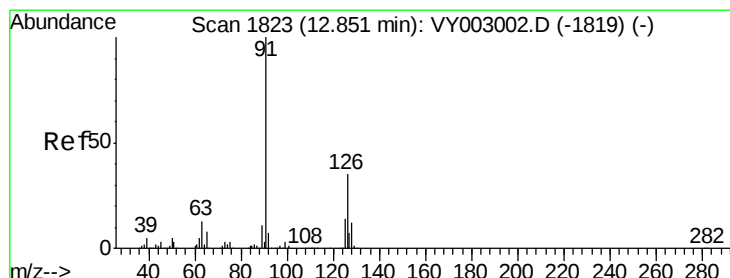
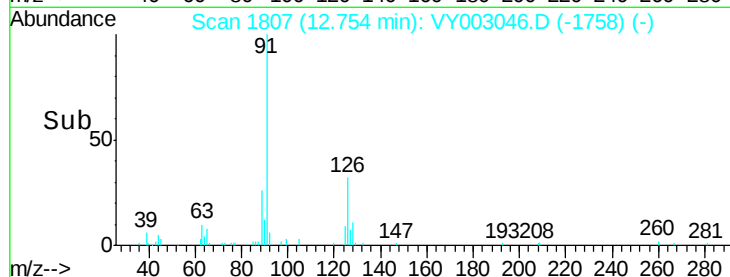
4000

2000

0

12.70 12.75 12.80

Time-->



#82

4-Chlorotoluene

Concen: 2.942 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003046.D

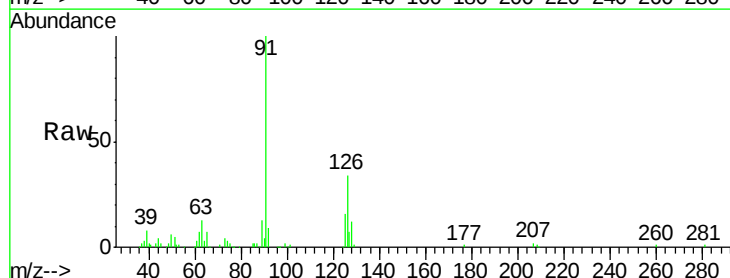
Acq: 30 Jun 2020 19:38

Tgt Ion: 91 Resp: 32832

Ion Ratio Lower Upper

91 100

126 36.1 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

25000

20000

15000

10000

5000

0

12.80 12.85 12.90

Time-->

