

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003044.D
 Acq On : 30 Jun 2020 18:50
 Operator : SY/MD
 Sample : L3153-19
 Misc : 6.61G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-D

Quant Time: Jul 01 06:51:54 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

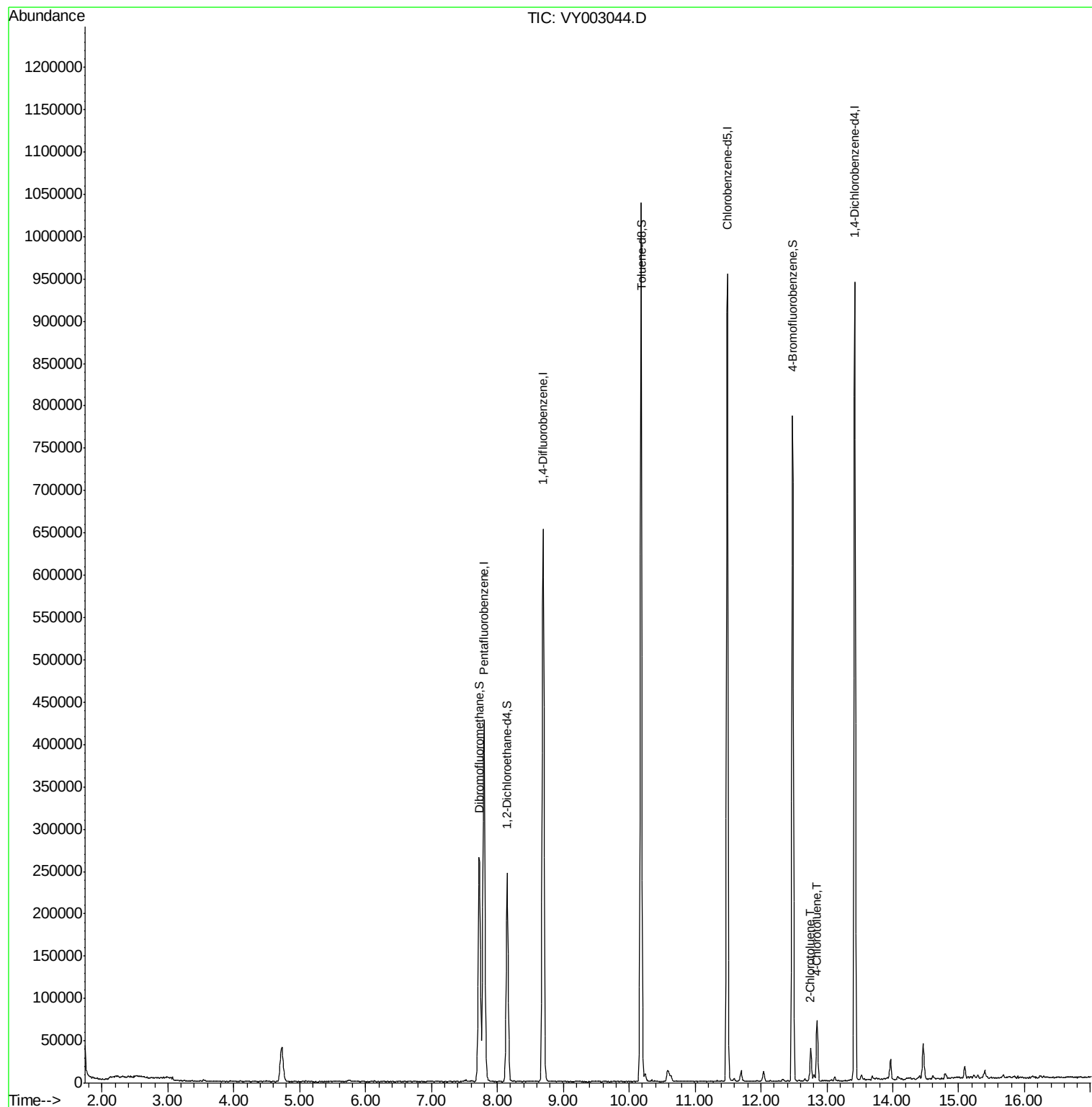
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	353501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	565473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	529953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	244274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	190903	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
35) Dibromofluoromethane	7.72	113	187706	53.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.42%	
50) Toluene-d8	10.18	98	672839	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.48	95	226838	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
Target Compounds						
79) 2-Chlorotoluene	12.75	91	20764	1.935	ug/l	97
82) 4-Chlorotoluene	12.85	91	39978	3.578	ug/l	99

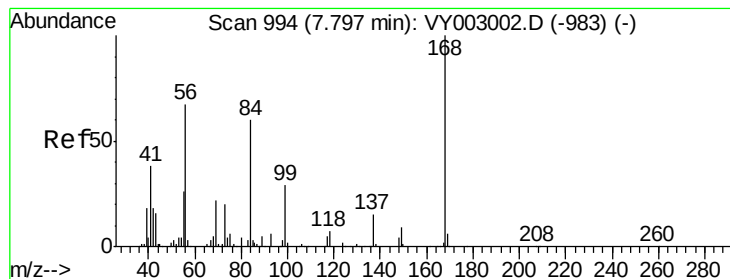
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY003044.D

Acq: 30 Jun 2020 18:50

Instrument :

MSVOA_Y

ClientSampleId :

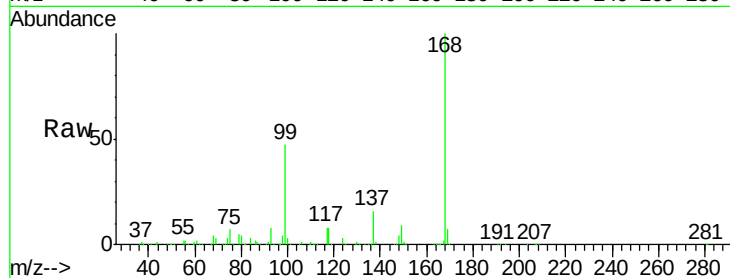
SP2-D

Tot Ion:168 Resp: 353501

Ion Ratio Lower Upper

168 100

99 47.4 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

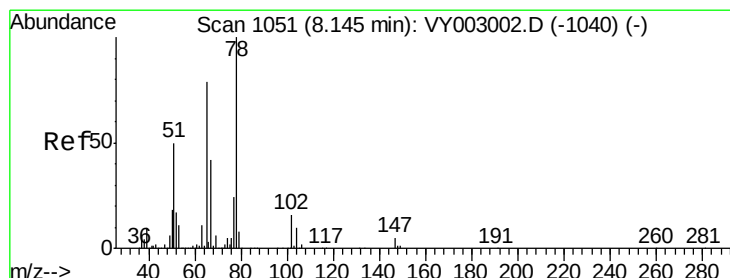
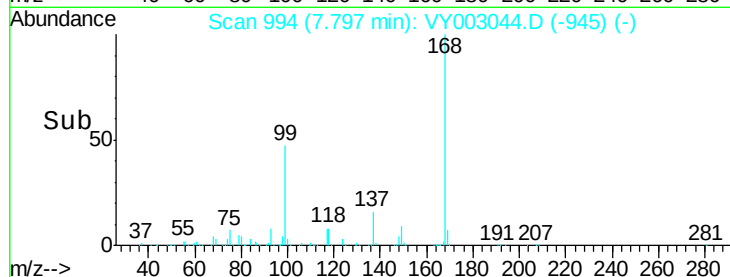
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.373 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VY003044.D

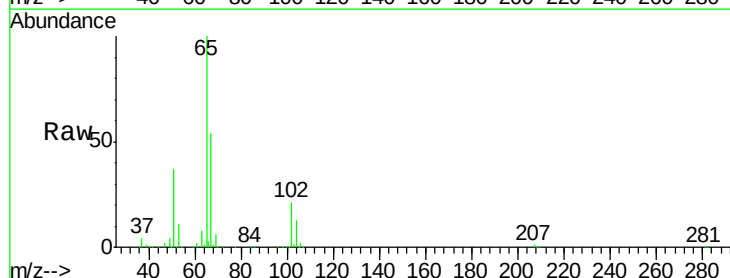
Acq: 30 Jun 2020 18:50

Tgt Ion: 65 Resp: 190903

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.6



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

Ion 66.90 (66.60 to 67.60): VY003002.D (-1040) (-)

8.15

100000

80000

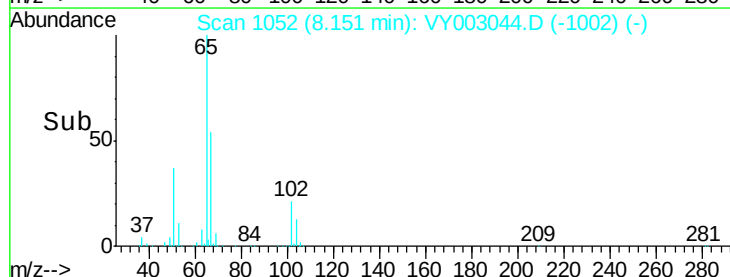
60000

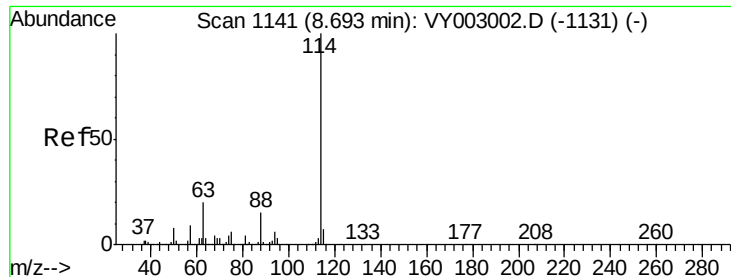
40000

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: VY003044.D

Acq: 30 Jun 2020 18:50

Instrument :

MSVOA_Y

ClientSampleId :

SP2-D

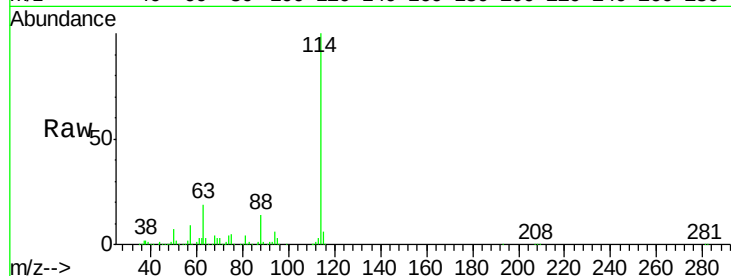
Tot Ion:114 Resp: 565473

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.6

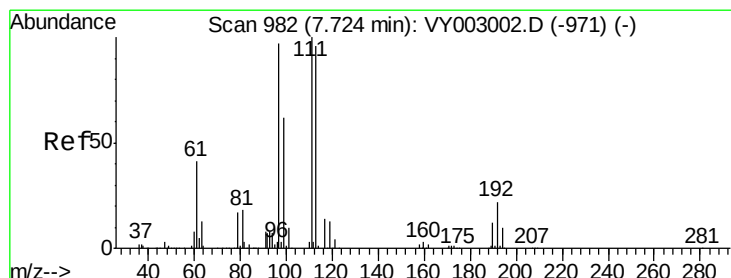
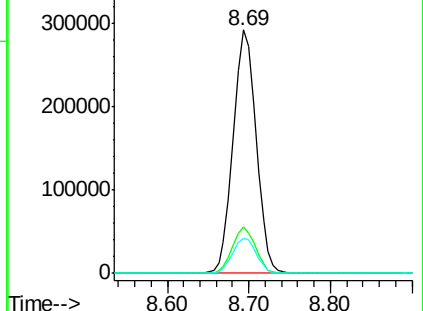
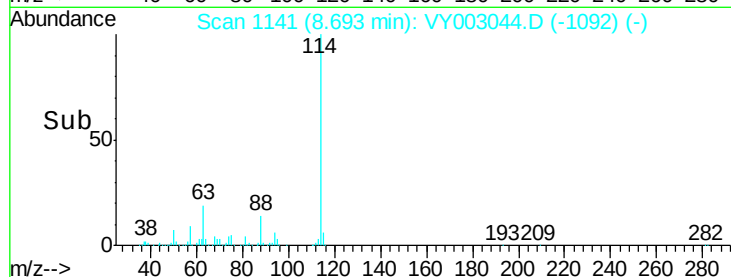
88 14.3 0.0 30.0



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: 53.212 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003044.D

Acq: 30 Jun 2020 18:50

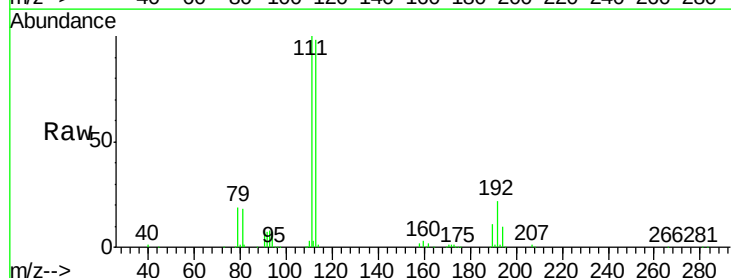
Tgt Ion:113 Resp: 187706

Ion Ratio Lower Upper

113 100

111 101.4 82.6 123.8

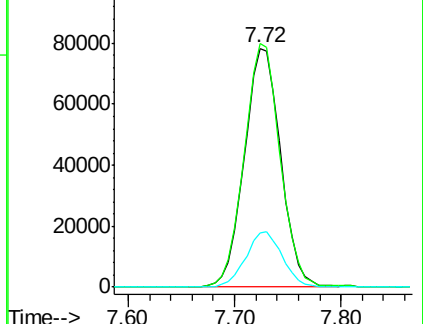
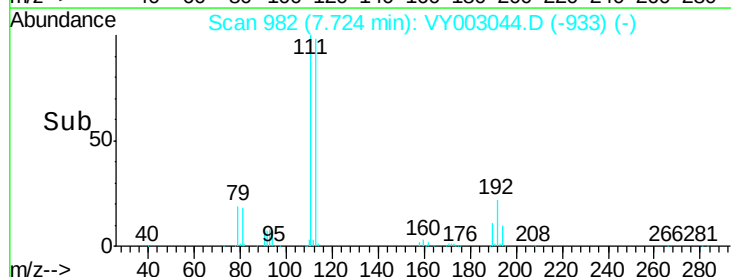
192 23.4 18.1 27.1

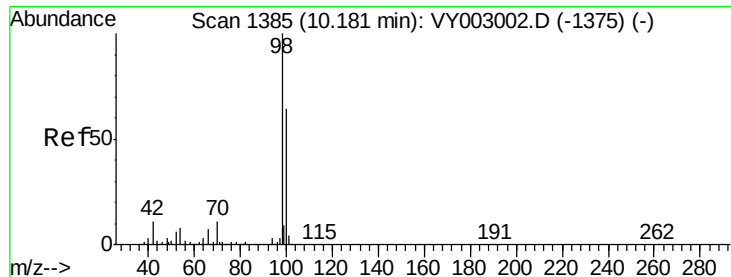


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.199 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003044.D

Acq: 30 Jun 2020 18:50

Instrument :

MSVOA_Y

ClientSampleId :

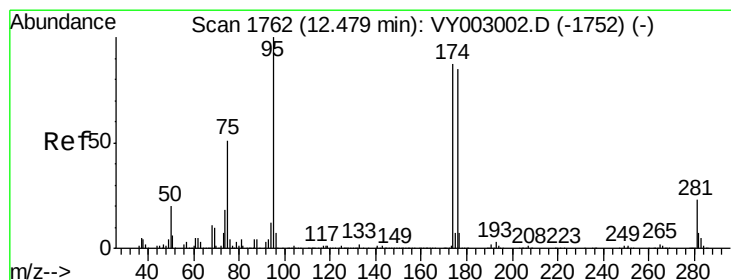
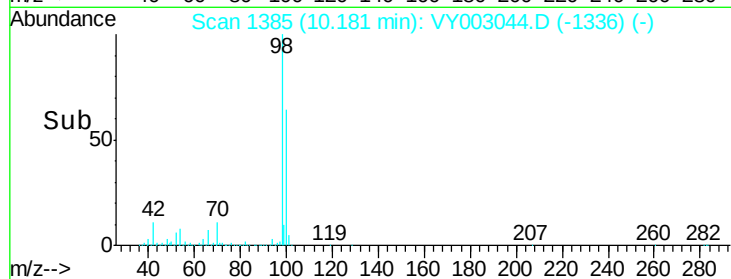
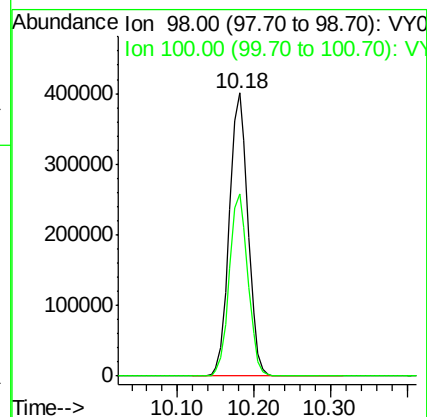
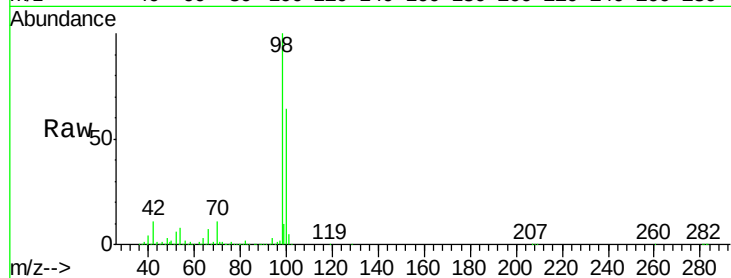
SP2-D

Tot Ion: 98 Resp: 672839

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 49.037 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003044.D

Acq: 30 Jun 2020 18:50

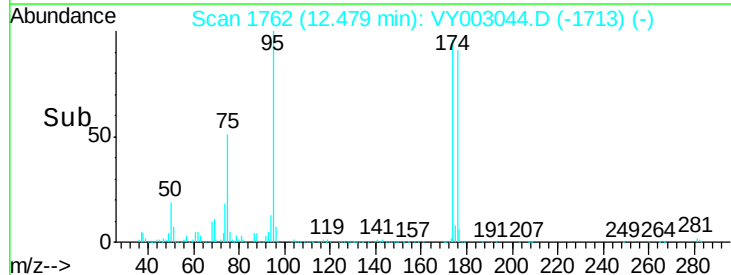
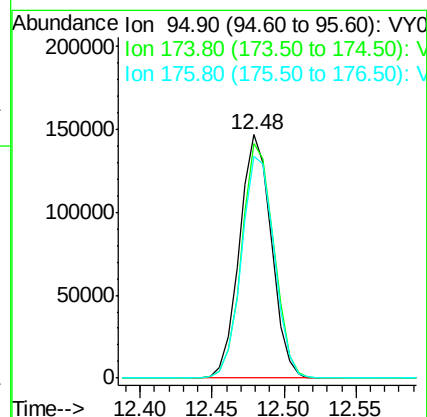
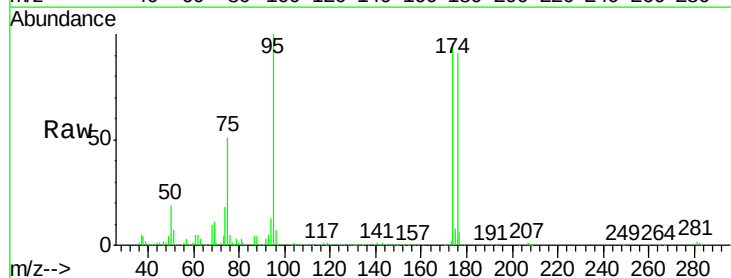
Tgt Ion: 95 Resp: 226838

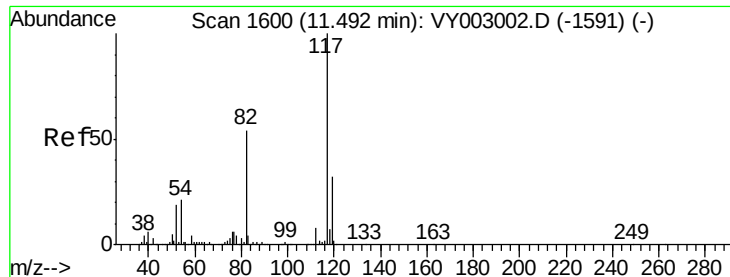
Ion Ratio Lower Upper

95 100

174 96.4 0.0 184.8

176 93.0 0.0 183.0

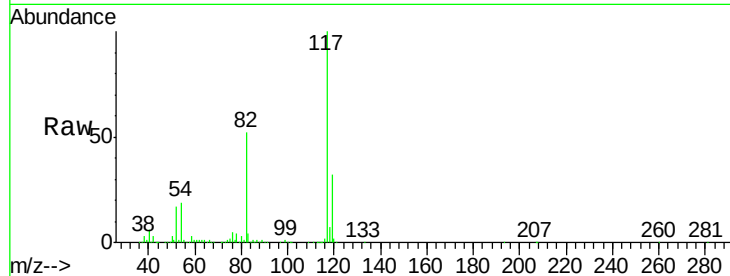




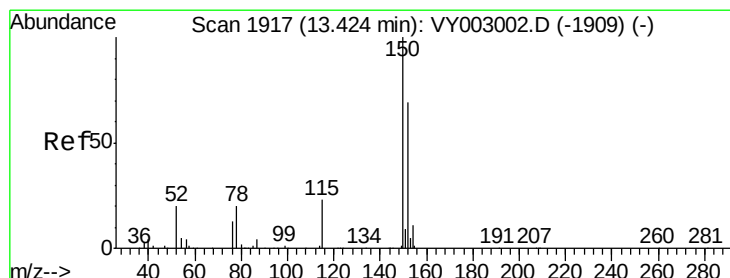
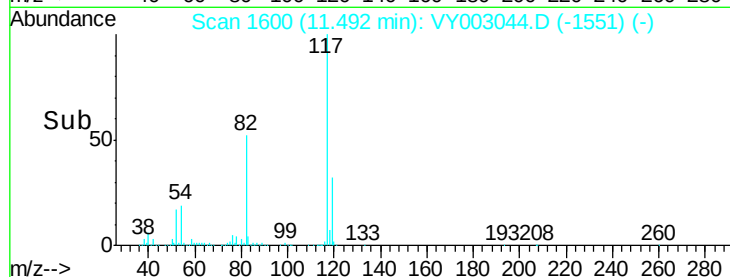
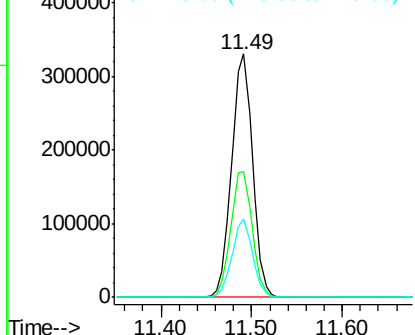
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003044.D
Acq: 30 Jun 2020 18:50

Instrument :
MSVOA_Y
ClientSampleId :
SP2-D

Tot Ion:117 Resp: 529953
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.6
119 32.2 25.8 38.8

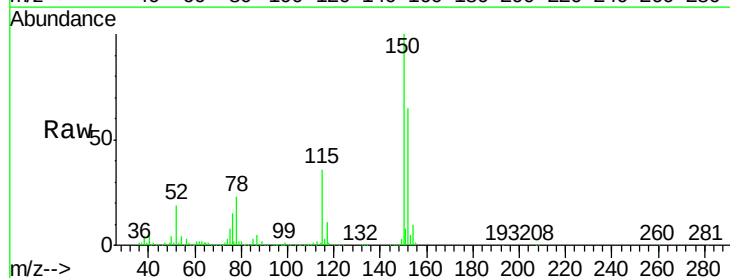


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

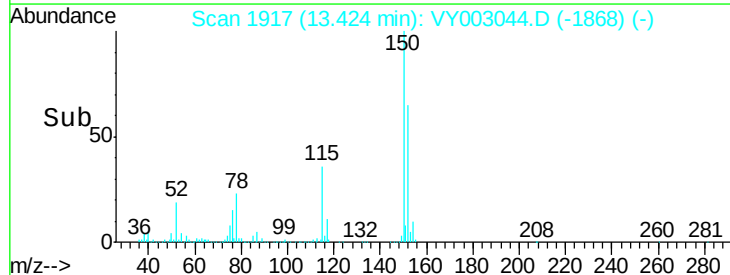
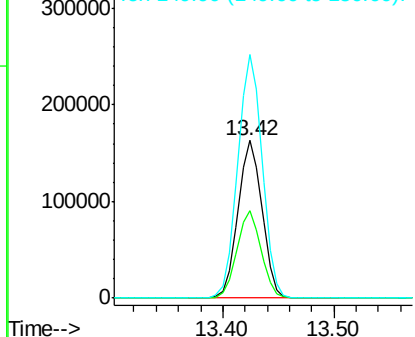


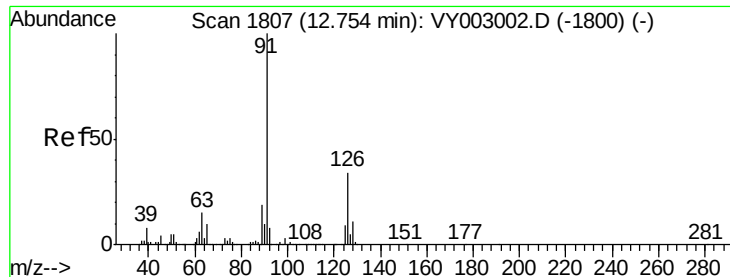
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003044.D
Acq: 30 Jun 2020 18:50

Tgt Ion:152 Resp: 244274
Ion Ratio Lower Upper
152 100
115 55.2 27.3 81.9
150 156.6 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: 1.935 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003044.D

Acq: 30 Jun 2020 18:50

Instrument :

MSVOA_Y

ClientSampleId :

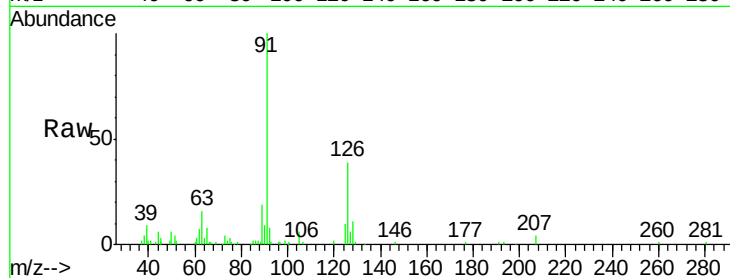
SP2-D

Tot Ion: 91 Resp: 20764

Ion Ratio Lower Upper

91 100

126 35.7 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

12.75

15000

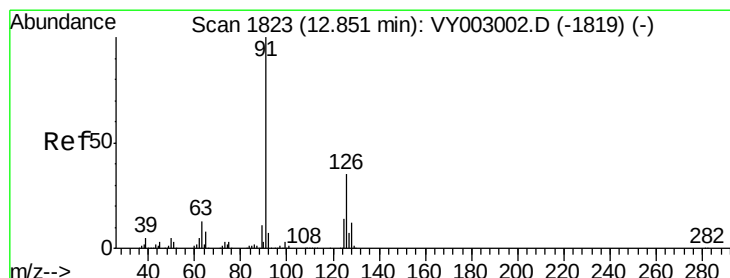
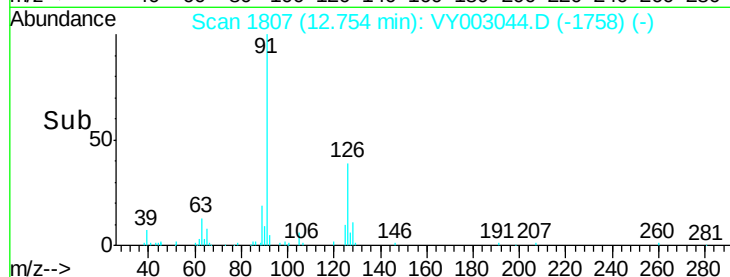
10000

5000

0

Time-->

12.70 12.75 12.80



#82

4-Chlorotoluene

Concen: 3.578 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003044.D

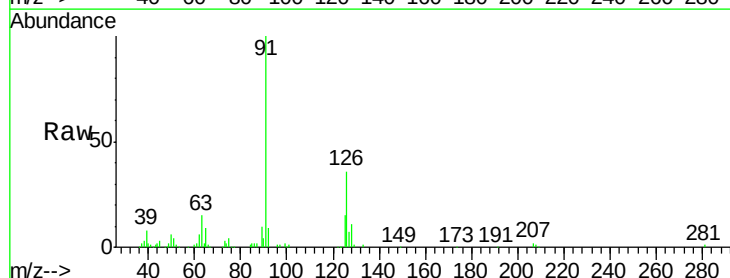
Acq: 30 Jun 2020 18:50

Tgt Ion: 91 Resp: 39978

Ion Ratio Lower Upper

91 100

126 34.2 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

12.85

30000

25000

20000

15000

10000

5000

0

Time-->

12.80 12.85 12.90

