

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002446.D
 Acq On : 21 Apr 2020 20:09
 Operator : SY/MD
 Sample : L2350-02
 Misc : 6.76G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5-S2

Quant Time: Apr 22 04:52:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 20 15:14:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	223204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	353807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	292942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	140225	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	93944	57.87	ug/l	0.00
Spiked Amount						
			Recovery	=	115.74%	
35) Dibromofluoromethane	7.74	113	102044	54.83	ug/l	0.00
Spiked Amount						
			Recovery	=	109.66%	
50) Toluene-d8	10.19	98	404075	53.68	ug/l	0.00
Spiked Amount						
			Recovery	=	107.36%	
62) 4-Bromofluorobenzene	12.49	95	114131	45.93	ug/l	0.00
Spiked Amount						
			Recovery	=	91.86%	

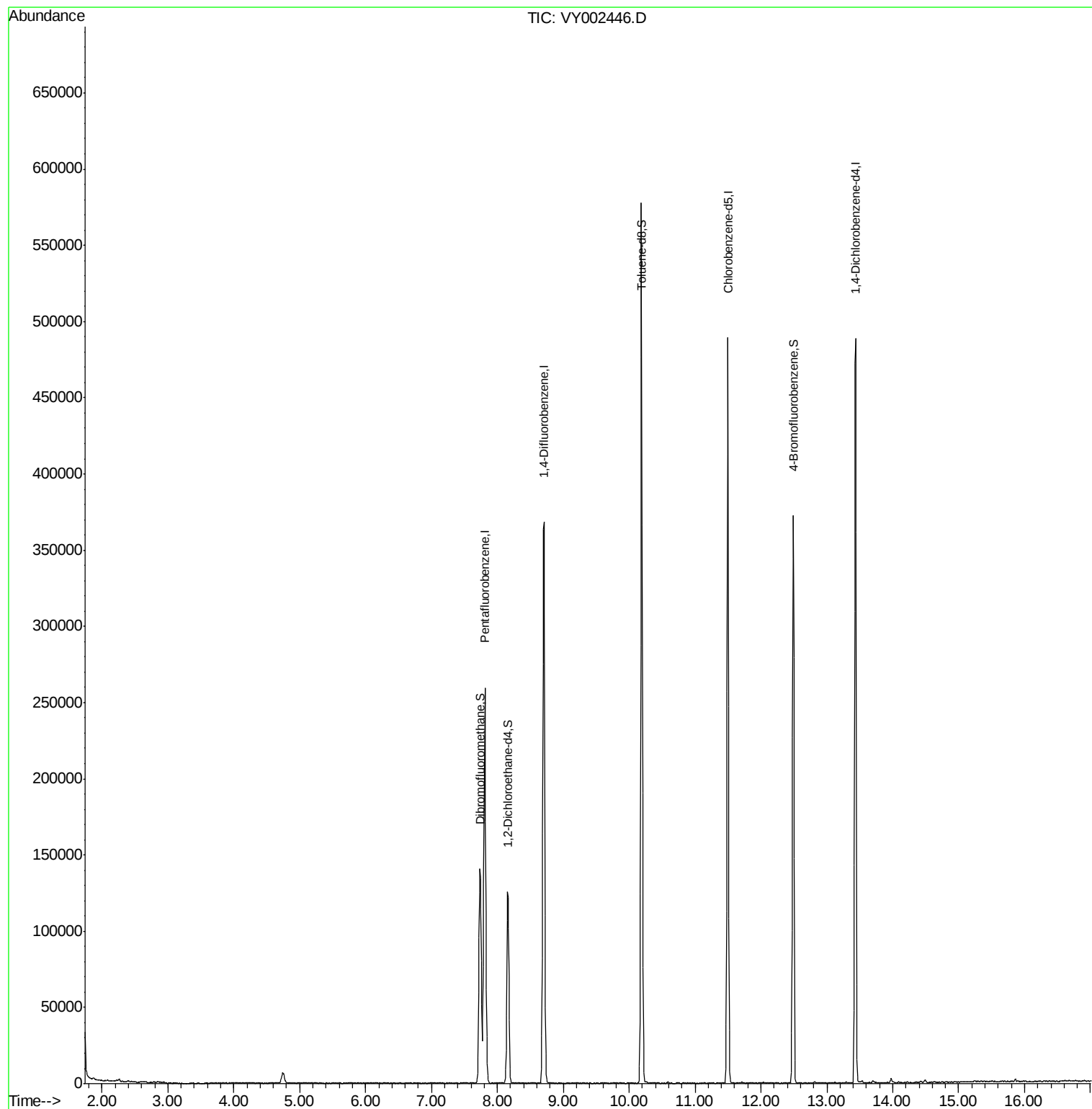
Target Compounds	Qvalue

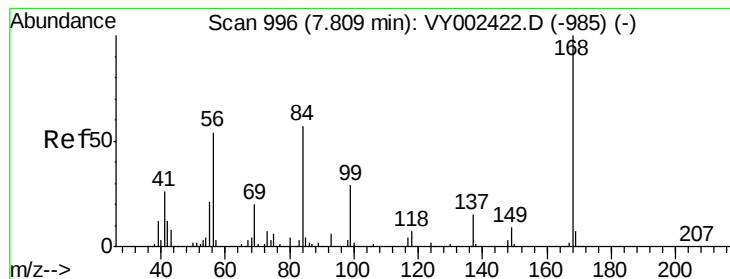
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002446.D

Acq: 21 Apr 2020 20:09

Instrument :

MSVOA_Y

ClientSampleId :

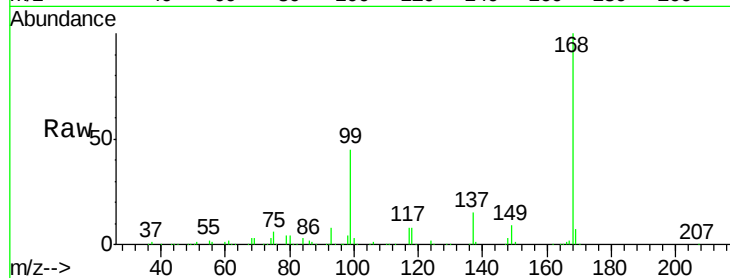
TP-5-S2

Tot Ion:168 Resp: 223204

Ion Ratio Lower Upper

168 100

99 44.5 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.81

100000

80000

60000

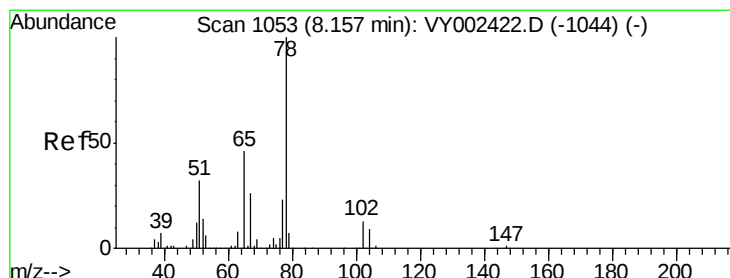
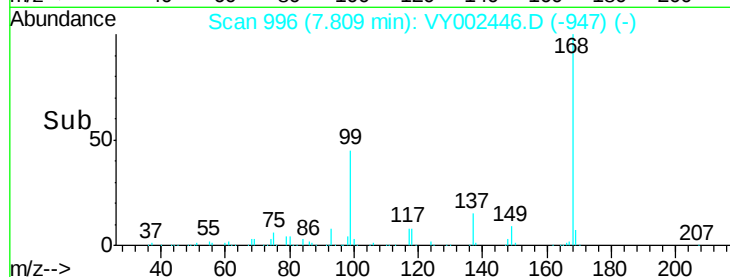
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.869 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY002446.D

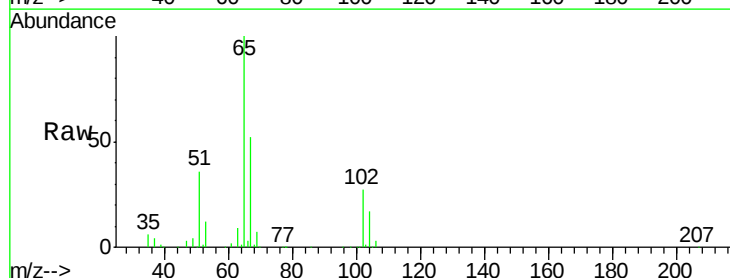
Acq: 21 Apr 2020 20:09

Tgt Ion: 65 Resp: 93944

Ion Ratio Lower Upper

65 100

67 55.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002422.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY002422.D (-1044) (-)

8.16

50000

40000

30000

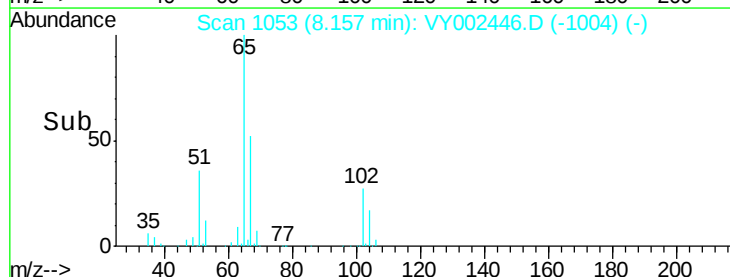
20000

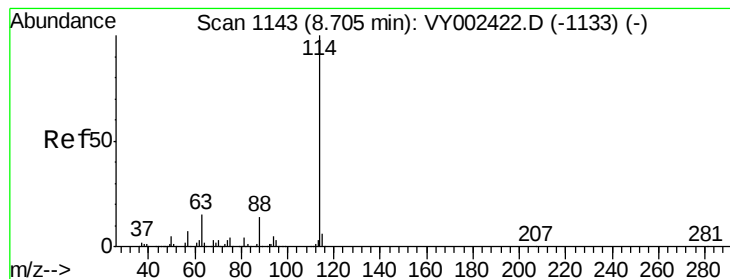
10000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VY002446.D

Acq: 21 Apr 2020 20:09

Instrument :

MSVOA_Y

ClientSampleId :

TP-5-S2

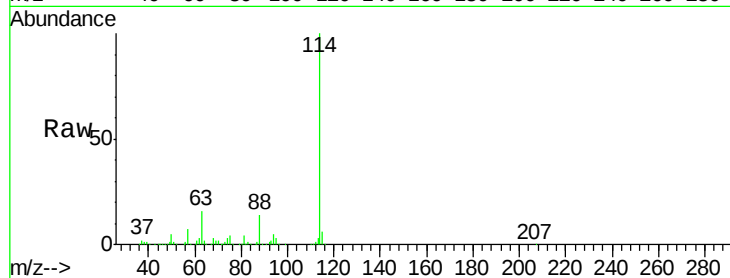
Tot Ion:114 Resp: 353807

Ion Ratio Lower Upper

114 100

63 16.1 0.0 31.0

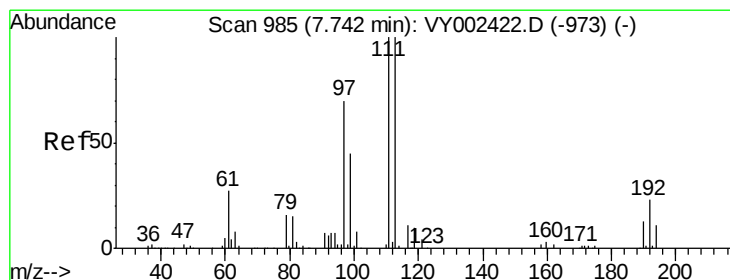
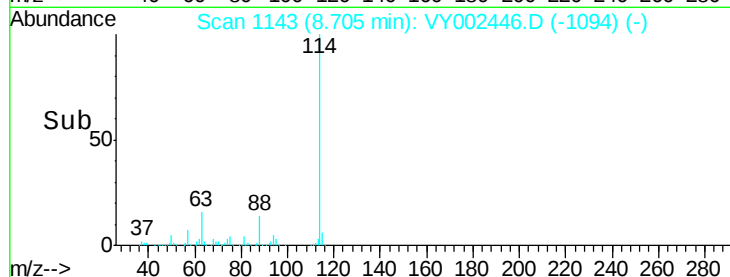
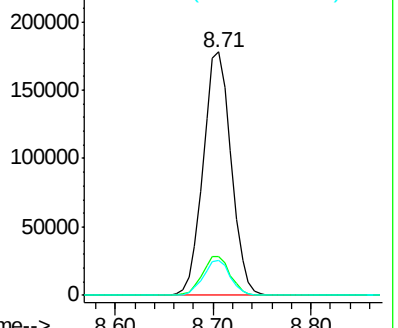
88 14.3 0.0 28.2



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: 54.834 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002446.D

Acq: 21 Apr 2020 20:09

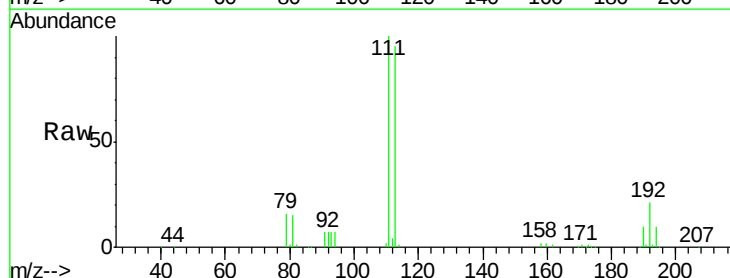
Tgt Ion:113 Resp: 102044

Ion Ratio Lower Upper

113 100

111 101.7 81.7 122.5

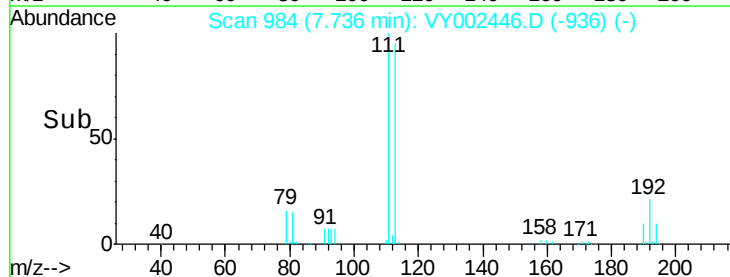
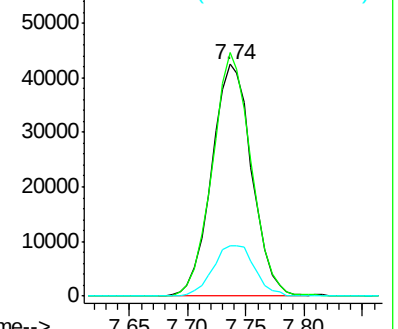
192 22.8 17.8 26.6

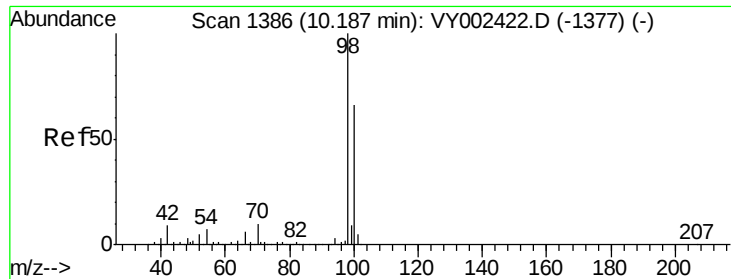


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.685 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002446.D

Acq: 21 Apr 2020 20:09

Instrument :

MSVOA_Y

ClientSampled :

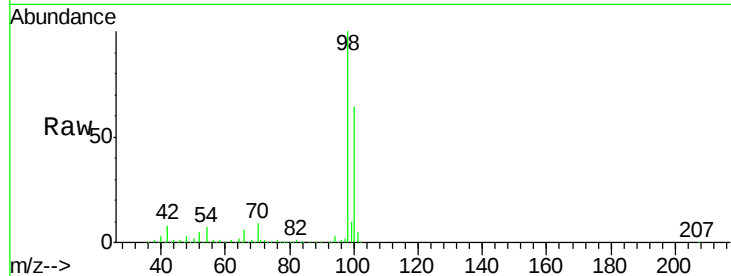
TP-5-S2

Tot Ion: 98 Resp: 404075

Ion Ratio Lower Upper

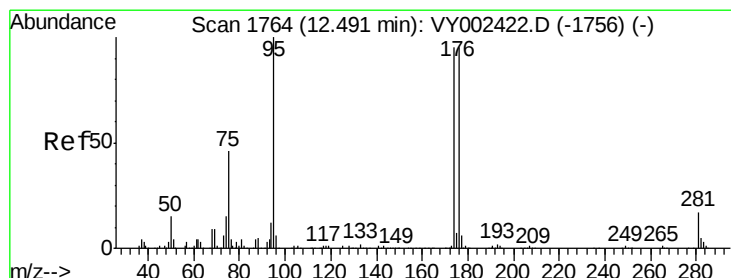
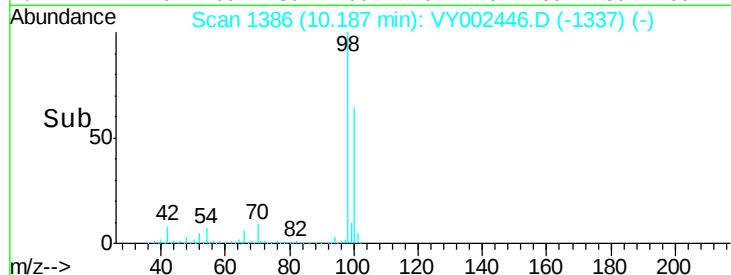
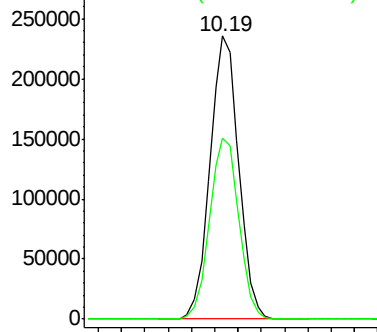
98 100

100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 45.927 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002446.D

Acq: 21 Apr 2020 20:09

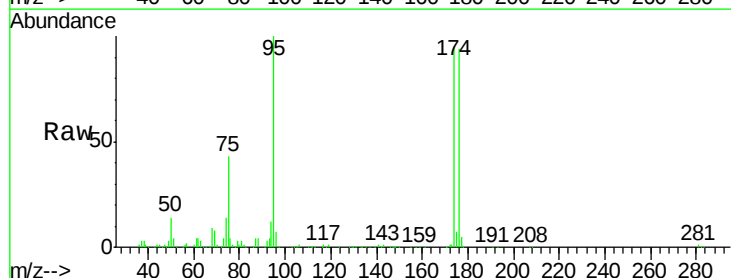
Tgt Ion: 95 Resp: 114131

Ion Ratio Lower Upper

95 100

174 98.1 0.0 185.8

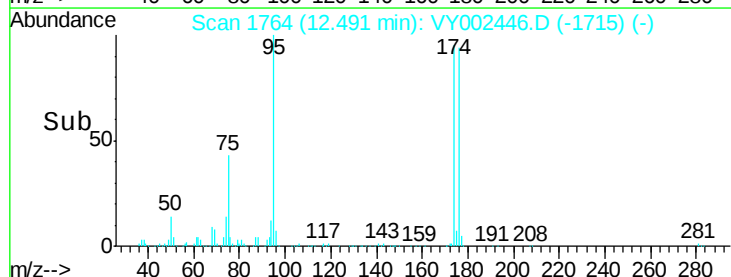
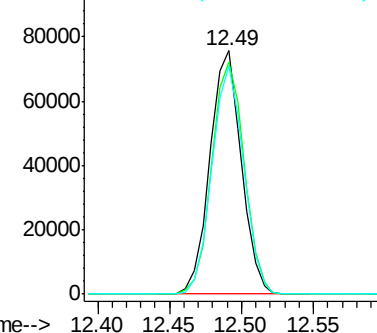
176 94.7 0.0 181.2

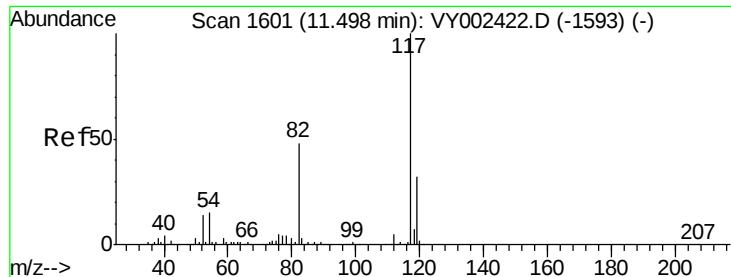


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

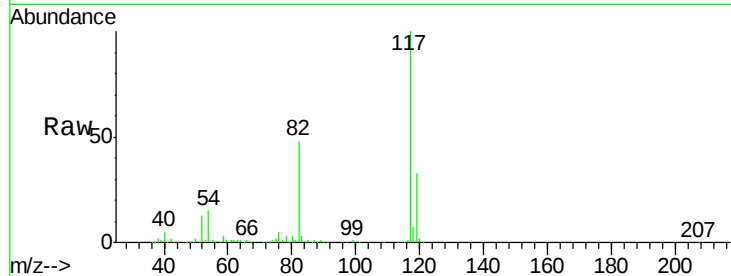




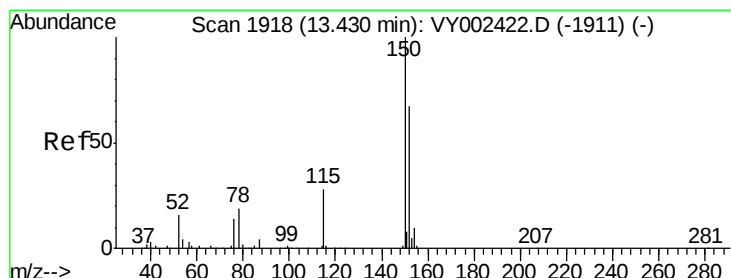
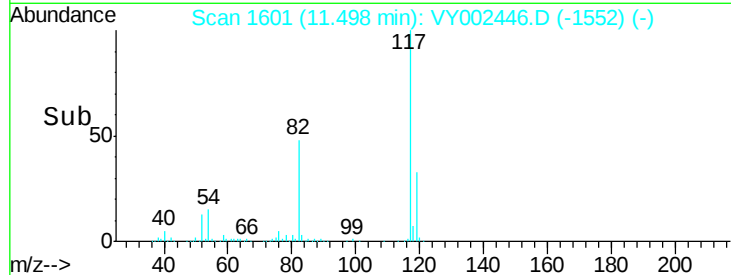
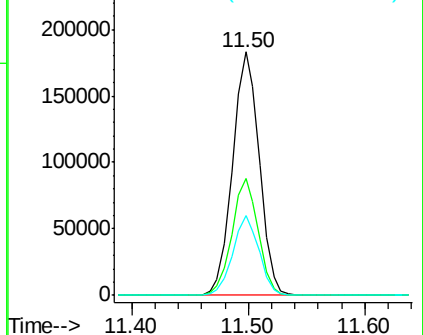
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002446.D
Acq: 21 Apr 2020 20:09

Instrument :
MSVOA_Y
ClientSampleId :
TP-5-S2

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.1	38.4	57.6
119	32.5	25.3	37.9

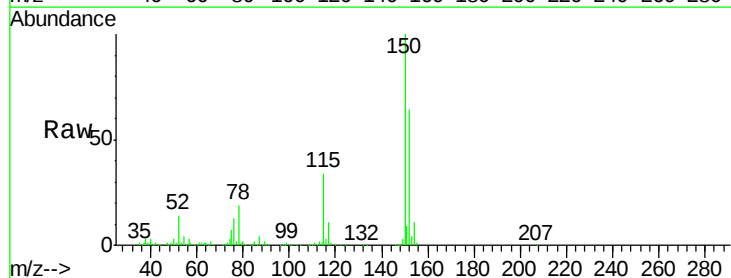


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002446.D
Acq: 21 Apr 2020 20:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.4	27.3	81.8
150	157.2	0.0	344.0



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

