

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042120\
 Data File : VY002441.D
 Acq On : 21 Apr 2020 18:17
 Operator : SY/MD
 Sample : L2327-23RE
 Misc : 6.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6-S2RE

Quant Time: Apr 22 03:35:16 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

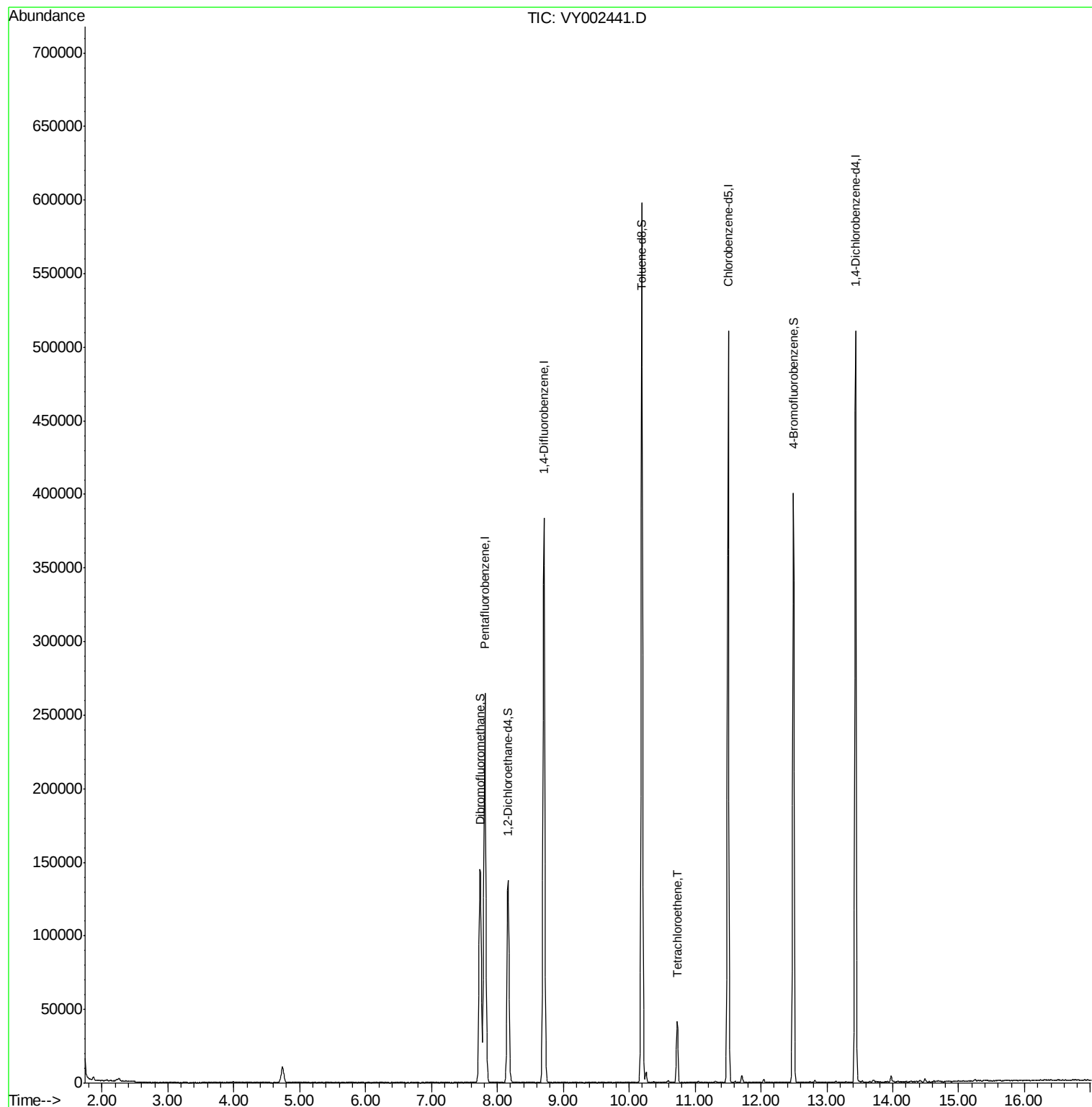
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	227561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	363891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	312753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	140219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	99799	60.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.60%	
35) Dibromofluoromethane	7.74	113	105099	54.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.82%	
50) Toluene-d8	10.19	98	416554	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.49	95	123411	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
Target Compounds						
64) Tetrachloroethene	10.73	164	10427	3.125	ug/l	Qvalue 97

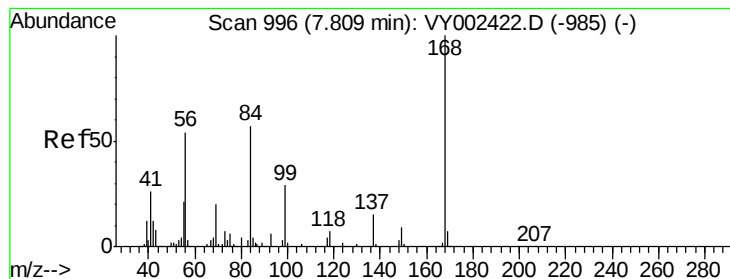
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002441.D

Acq: 21 Apr 2020 18:17

Instrument :

MSVOA_Y

ClientSampleId :

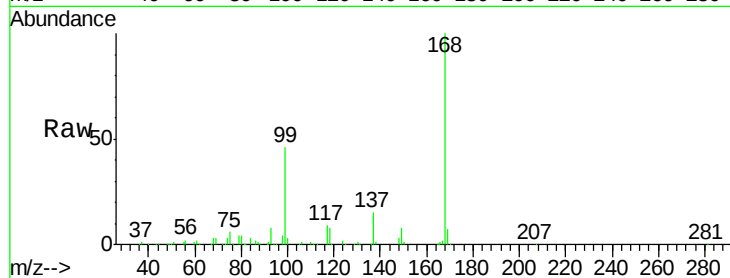
TP-6-S2RE

Tot Ion:168 Resp: 227561

Ion Ratio Lower Upper

168 100

99 46.3 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002441.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002441.D (-947) (-)

7.81

100000

80000

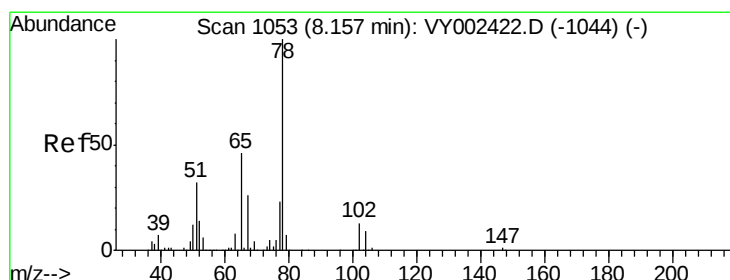
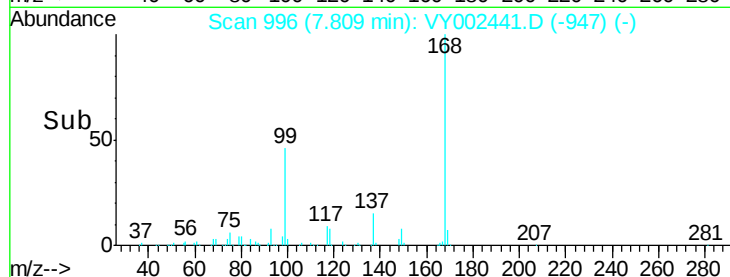
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.299 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002441.D

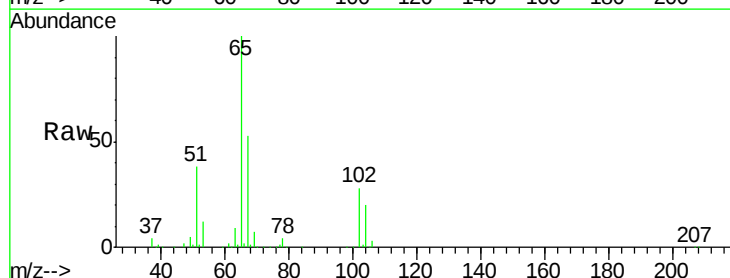
Acq: 21 Apr 2020 18:17

Tgt Ion: 65 Resp: 99799

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY002441.D (-1004) (-)

Ion 66.90 (66.60 to 67.60): VY002441.D (-1004) (-)

8.16

50000

40000

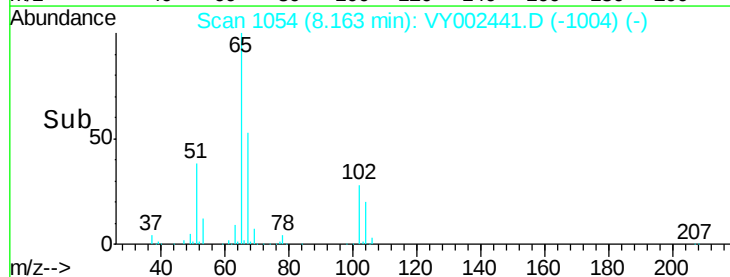
30000

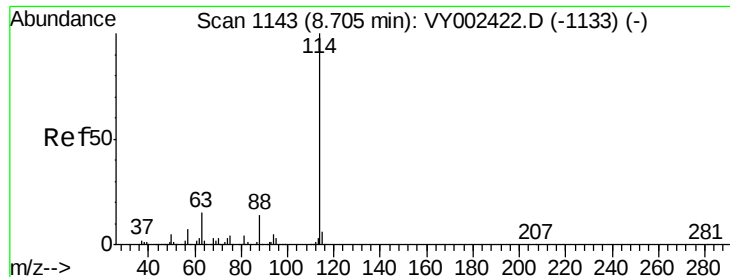
20000

10000

0

Time-->

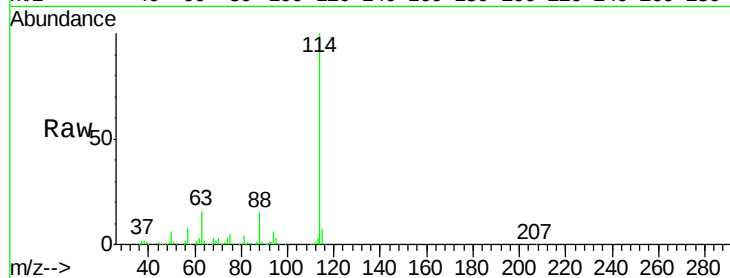




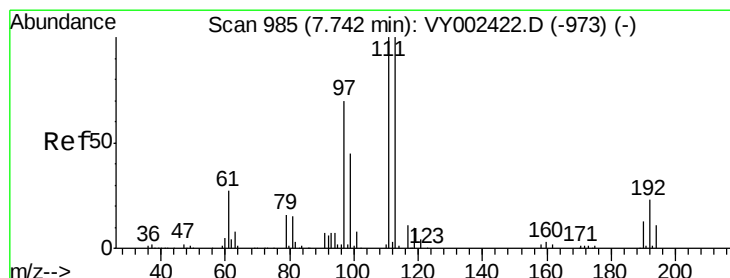
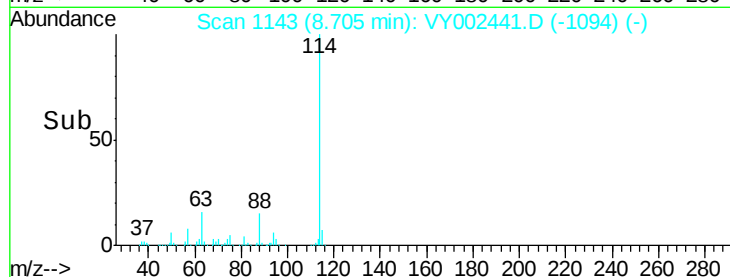
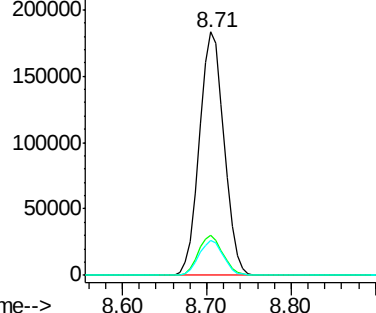
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002441.D
 Acq: 21 Apr 2020 18:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6-S2RE

Tot Ion:114 Resp: 363891
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 31.0
 88 14.6 0.0 28.2

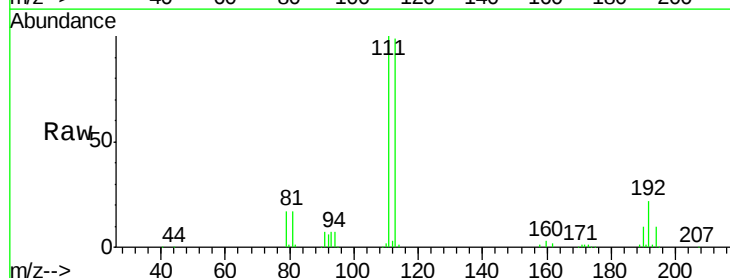


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

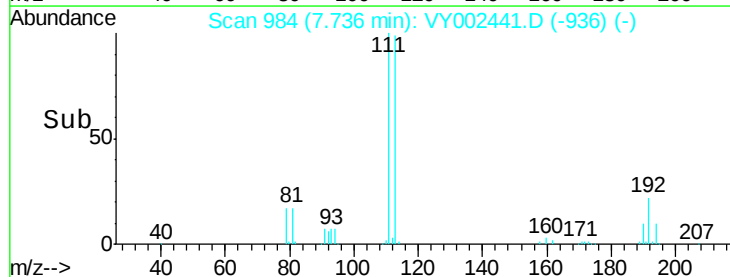
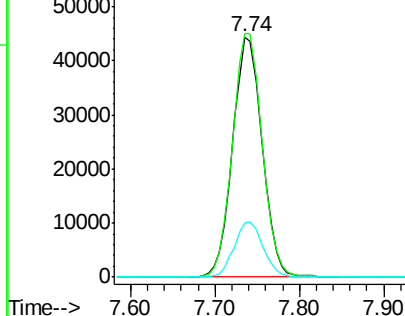


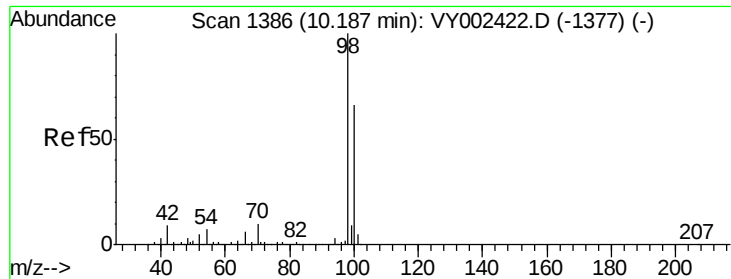
#35
 Dibromofluoromethane
 Concen: 54.911 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002441.D
 Acq: 21 Apr 2020 18:17

Tgt Ion:113 Resp: 105099
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.7 122.5
 192 22.5 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: 53.809 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002441.D

Acq: 21 Apr 2020 18:17

Instrument :

MSVOA_Y

ClientSampleId :

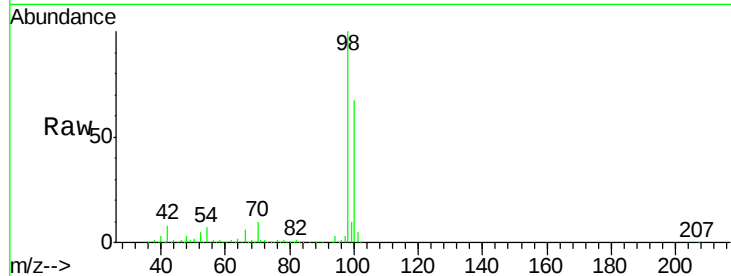
TP-6-S2RE

Tot Ion: 98 Resp: 416554

Ion Ratio Lower Upper

98 100

100 64.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.19

250000

200000

150000

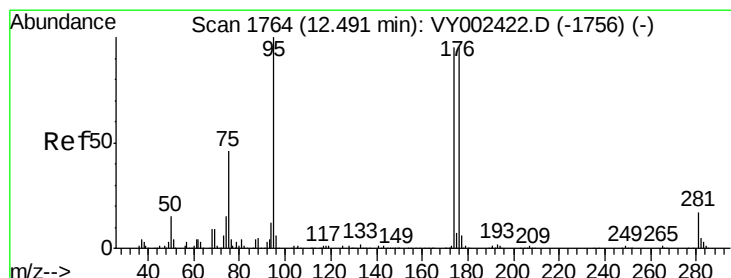
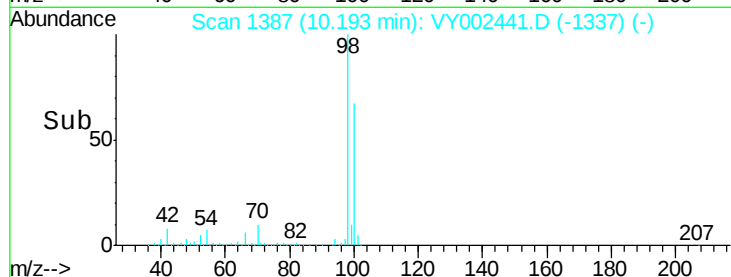
100000

50000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 48.285 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002441.D

Acq: 21 Apr 2020 18:17

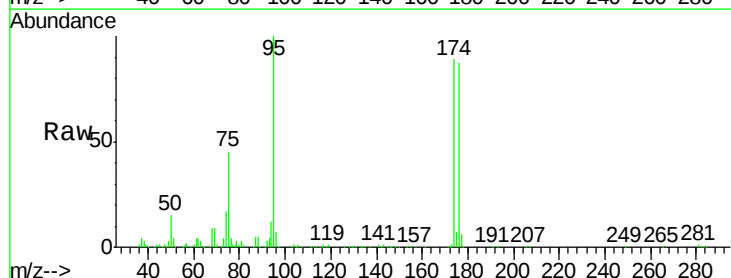
Tgt Ion: 95 Resp: 123411

Ion Ratio Lower Upper

95 100

174 92.3 0.0 185.8

176 90.0 0.0 181.2



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

12.49

100000

80000

60000

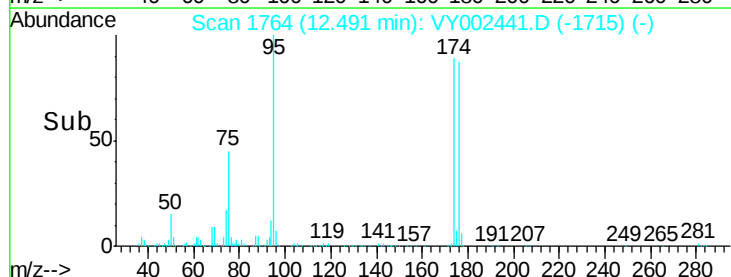
40000

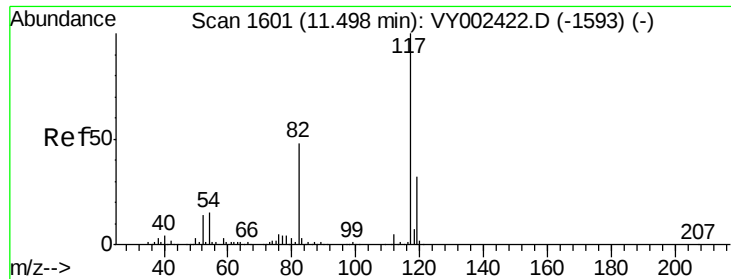
20000

0

Time-->

12.40 12.50

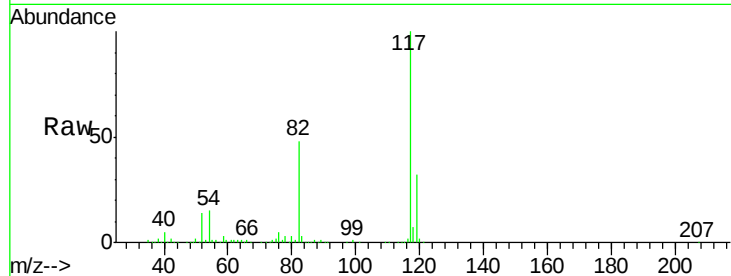




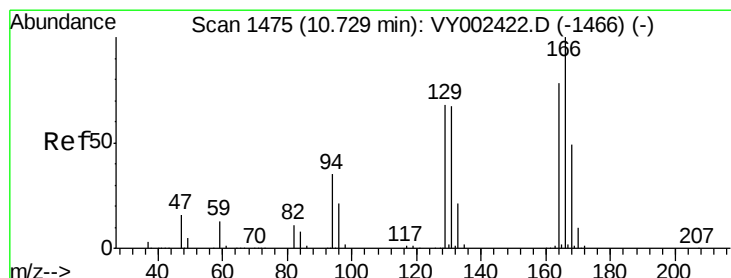
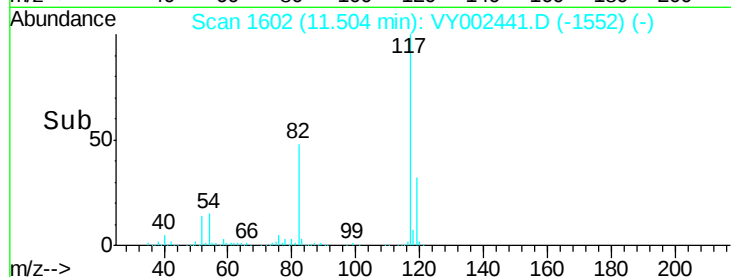
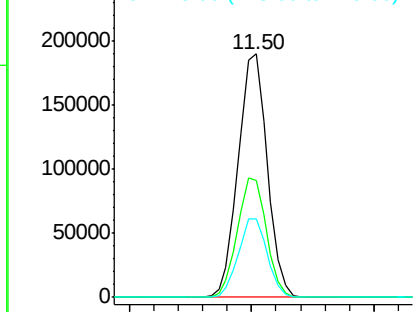
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002441.D
Acq: 21 Apr 2020 18:17

Instrument :
MSVOA_Y
ClientSampleId :
TP-6-S2RE

Tot Ion:117 Resp: 312753
Ion Ratio Lower Upper
117 100
82 47.8 38.4 57.6
119 32.4 25.3 37.9

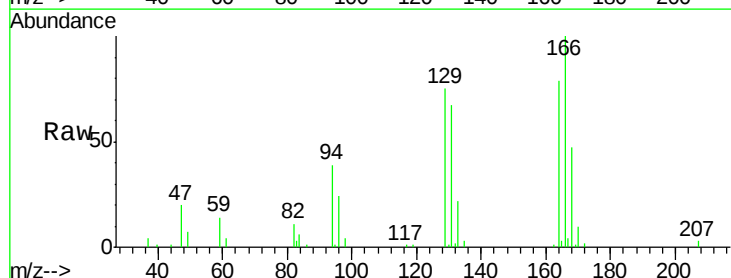


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

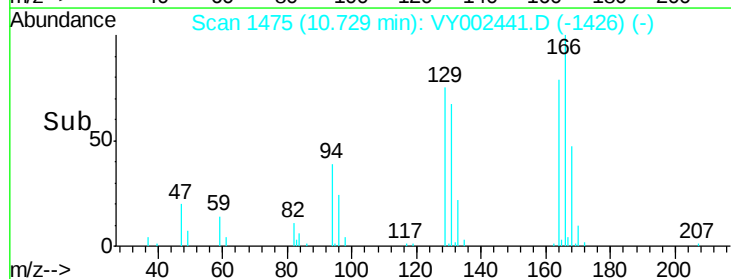
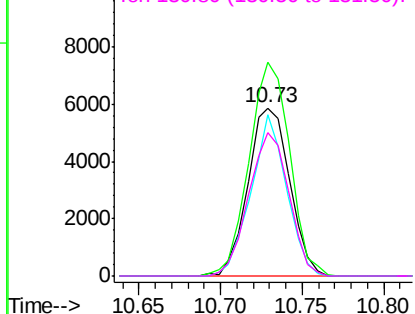


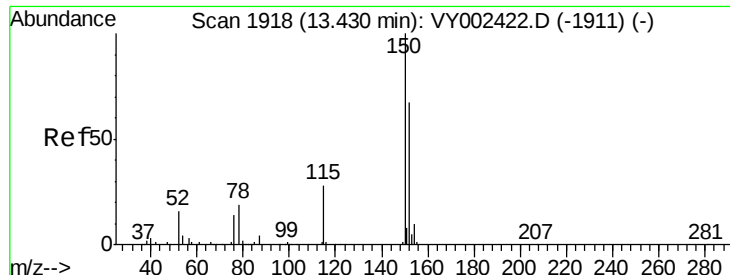
#64
Tetrachloroethene
Concen: 3.125 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. -0.00 min
Lab File: VY002441.D
Acq: 21 Apr 2020 18:17

Tgt Ion:164 Resp: 10427
Ion Ratio Lower Upper
164 100
166 127.1 102.4 153.6
129 95.8 70.1 105.1
131 85.0 68.6 102.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VY002441.D

Acq: 21 Apr 2020 18:17

Instrument :

MSVOA_Y

ClientSampleId :

TP-6-S2RE

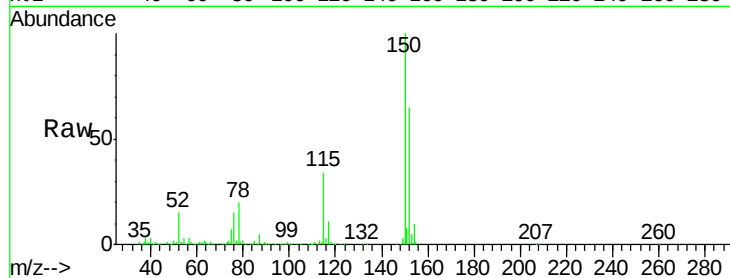
Tot Ion:152 Resp: 140219

Ion Ratio Lower Upper

152 100

115 53.1 27.3 81.8

150 157.3 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

