

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050720\
 Data File : VY002629.D
 Acq On : 07 May 2020 14:22
 Operator : SY/MD
 Sample : L2529-04
 Misc : 6.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11936

Quant Time: May 08 03:46:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

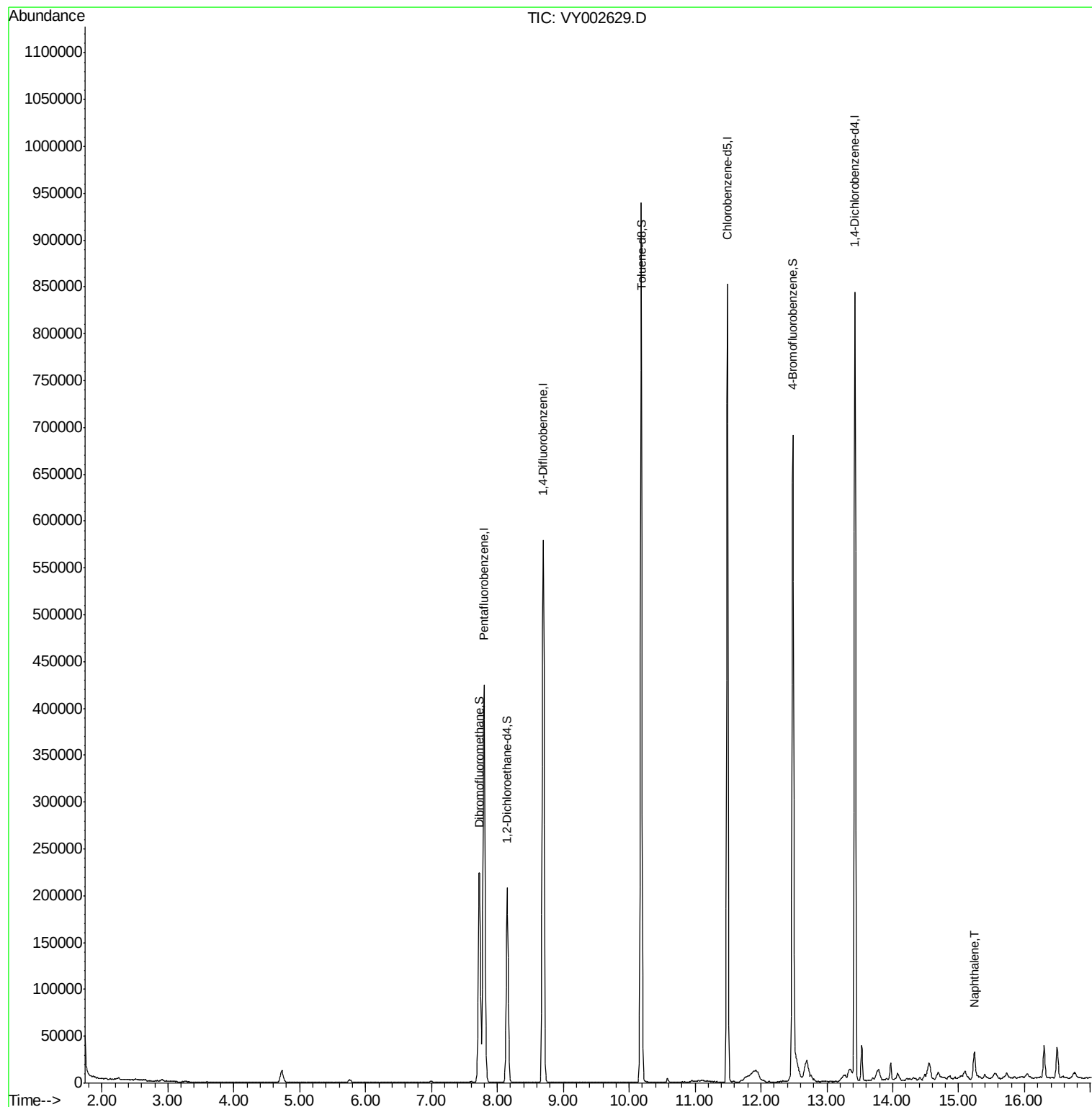
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	350118	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	543272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	482626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	233806	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	159122	54.05	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	108.10%	
35) Dibromofluoromethane	7.72	113	162504	52.30	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.60%	
50) Toluene-d8	10.18	98	625870	51.58	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.49	95	205142	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
Target Compounds						
95) Naphthalene	15.24	128	15272	1.804	ug/l #	Qvalue 93

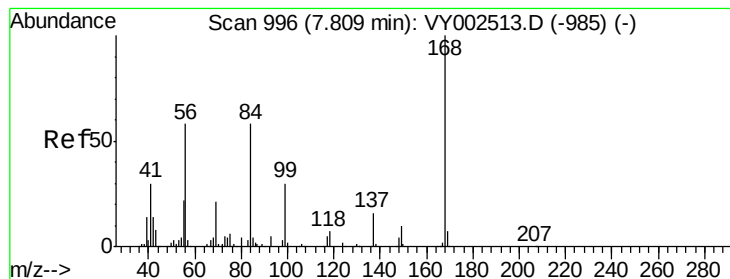
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002629.D

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MSVOA_Y

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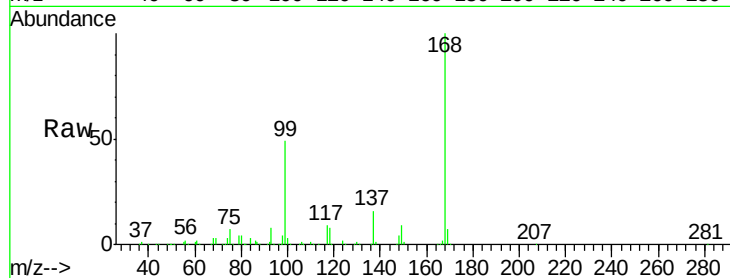
72-11936

Tot Ion:168 Resp: 350118

Ion Ratio Lower Upper

168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.80

150000

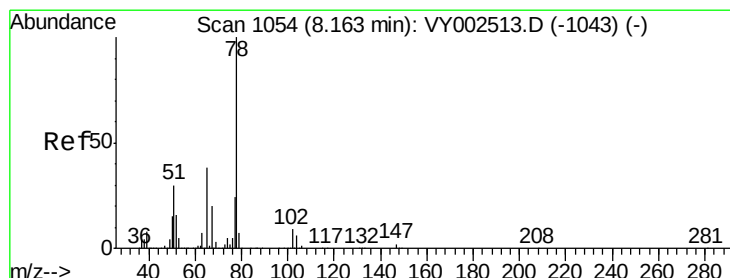
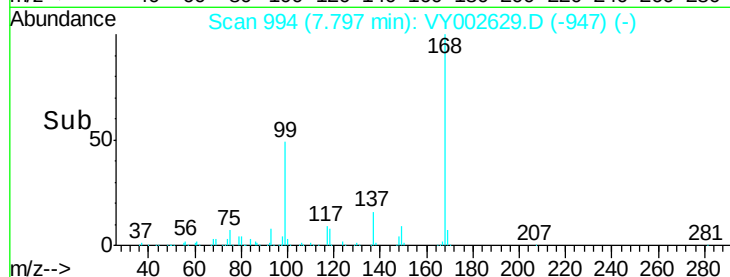
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.052 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002629.D

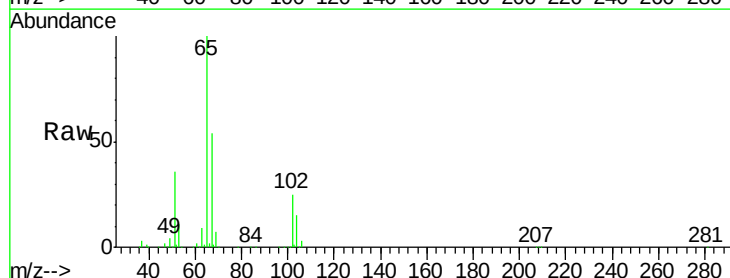
Acq: 07 May 2020 14:22

Tgt Ion: 65 Resp: 159122

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002513.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002513.D (-1043) (-)

8.15

80000

60000

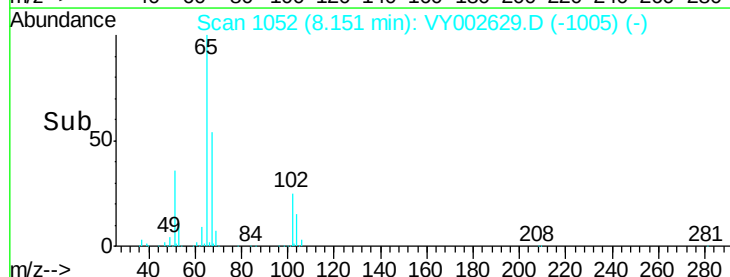
40000

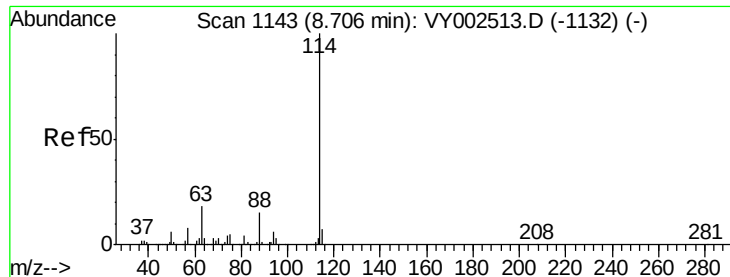
20000

0

8.10 8.20 8.30

Time-->

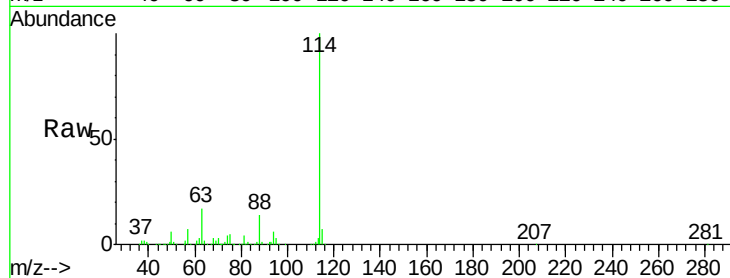




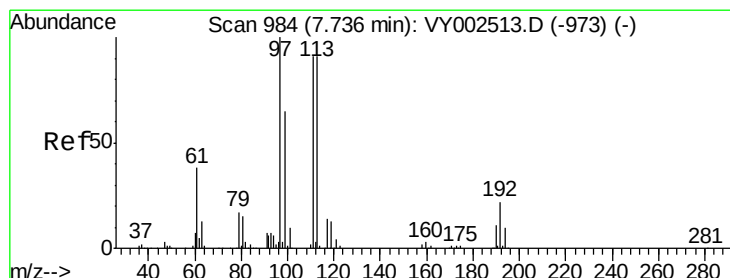
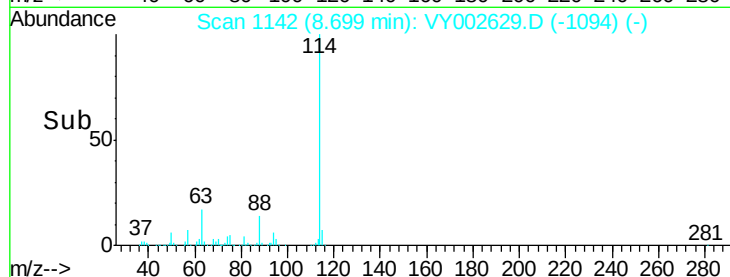
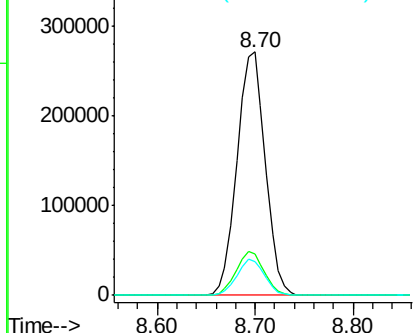
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY002629.D
 Acq: 07 May 2020 14:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11936

Tot Ion:114 Resp: 543272
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 36.4
 88 14.1 0.0 29.6

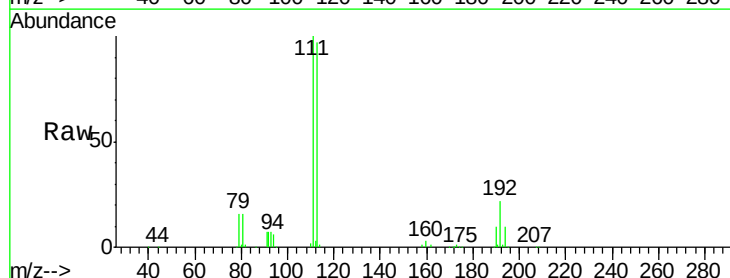


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

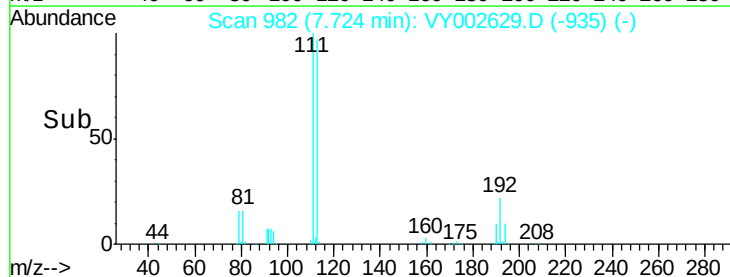
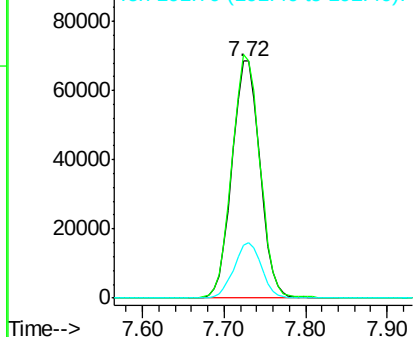


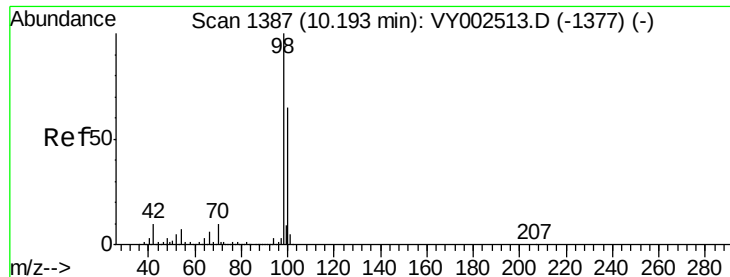
#35
 Dibromofluoromethane
 Concen: 52.303 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002629.D
 Acq: 07 May 2020 14:22

Tgt Ion:113 Resp: 162504
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.8 122.6
 192 22.9 18.2 27.4



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: 51.583 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002629.D

Acq: 07 May 2020 14:22

Instrument :

MSVOA_Y

ClientSampleId :

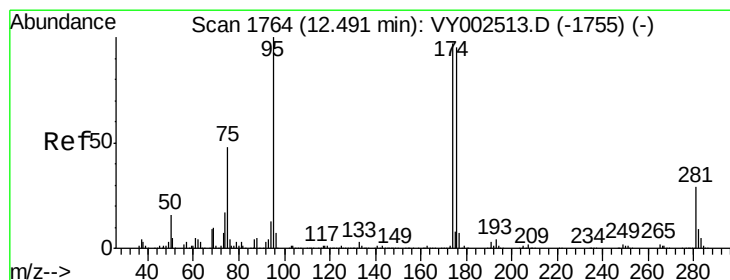
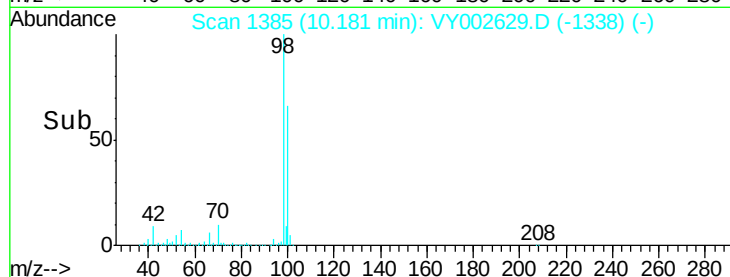
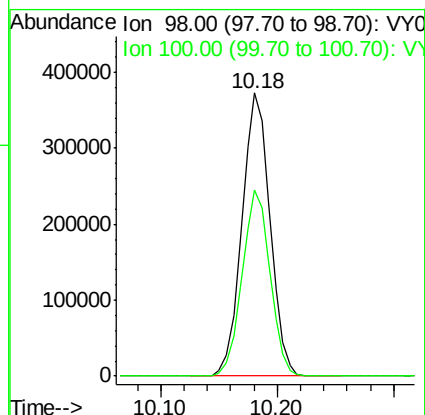
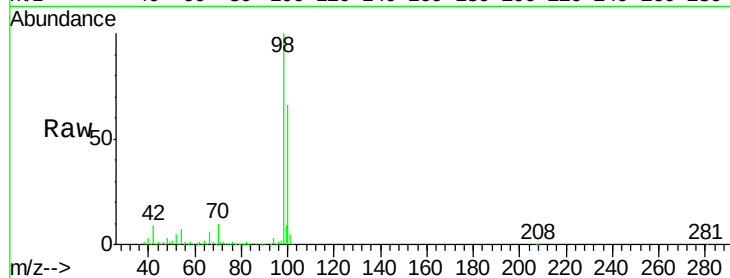
72-11936

Tot Ion: 98 Resp: 625870

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.827 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY002629.D

Acq: 07 May 2020 14:22

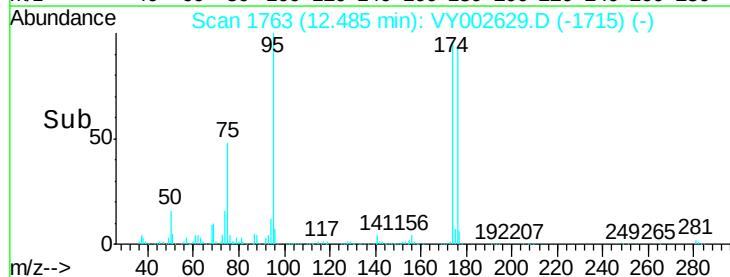
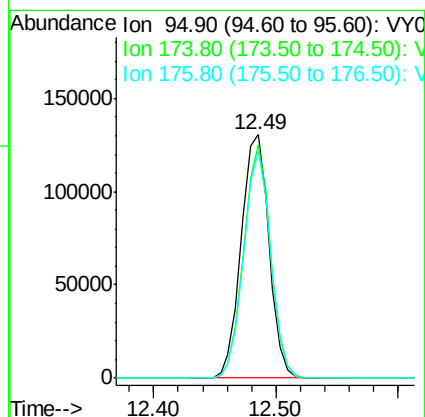
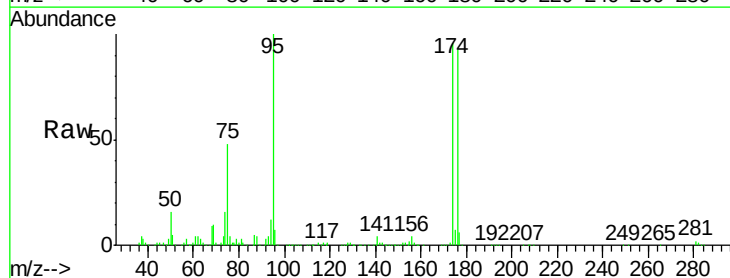
Tgt Ion: 95 Resp: 205142

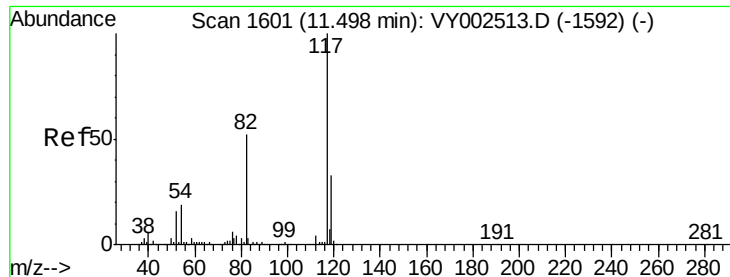
Ion Ratio Lower Upper

95 100

174 92.9 0.0 188.8

176 90.0 0.0 183.2

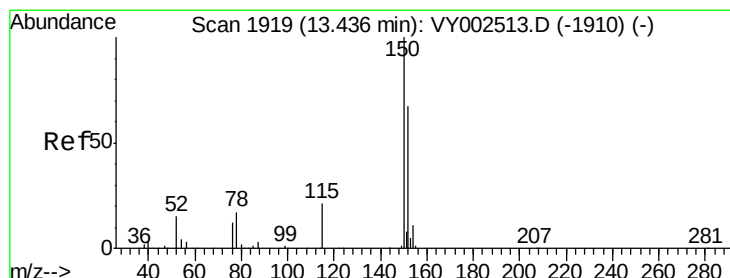
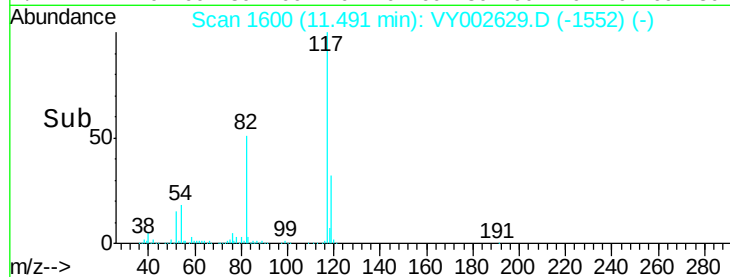
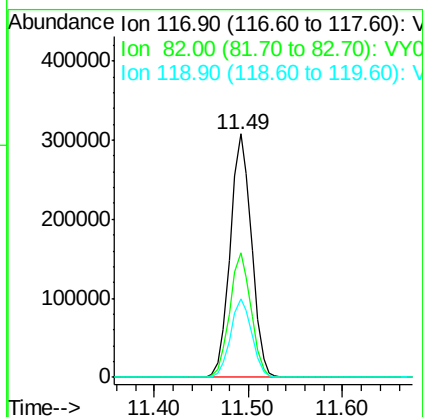
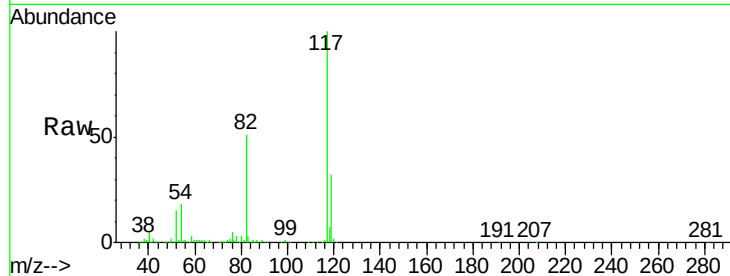




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002629.D
Acq: 07 May 2020 14:22

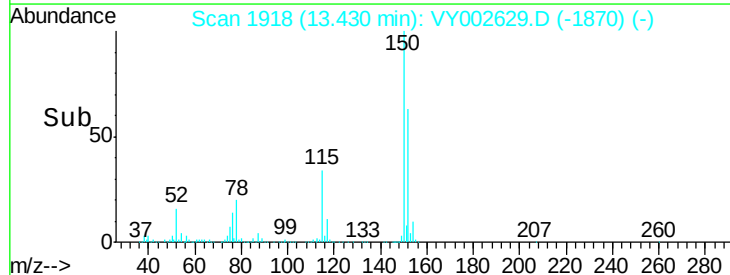
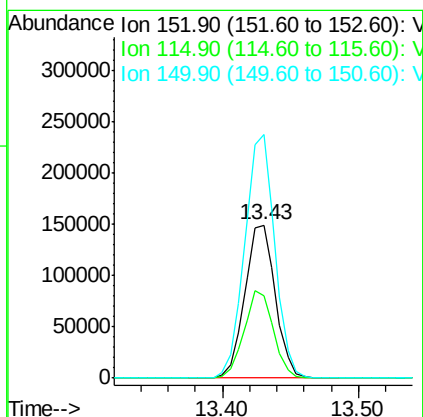
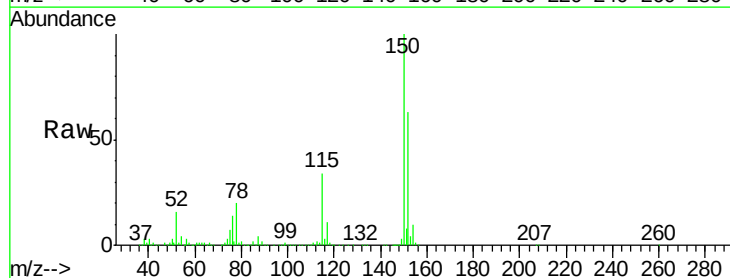
Instrument :
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72-11936

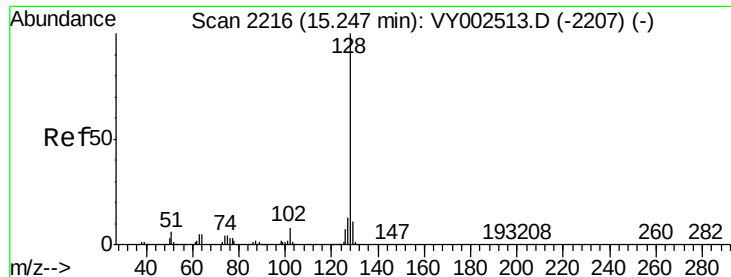
Tot Ion:117 Resp: 482626
Ion Ratio Lower Upper
117 100
82 51.2 41.3 61.9
119 32.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002629.D
Acq: 07 May 2020 14:22

Tgt Ion:152 Resp: 233806
Ion Ratio Lower Upper
152 100
115 54.9 27.5 82.4
150 156.6 0.0 346.4





#95

Naphthalene

Concen: 1.804 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY002629.D

Acq: 07 May 2020 14:22

Instrument :

MSVOA_Y

ClientSampleId :

72-11936

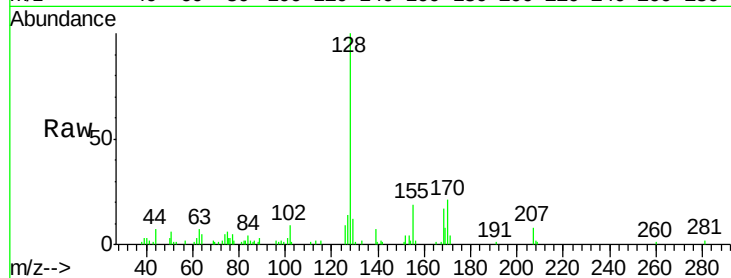
Tot Ion:128 Resp: 15272

Ion Ratio Lower Upper

128 100

127 15.1 10.5 15.7

129 14.1 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

