

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021120\
 Data File : VY001593.D
 Acq On : 11 Feb 2020 11:02
 Operator : SY/MD
 Sample : VY0211SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBL01

Quant Time: Feb 12 08:05:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	171726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	308088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	272331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	121018	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	94062	54.40	ug/l	0.00
Spiked Amount			Recovery	=	108.80%	
35) Dibromofluoromethane	7.75	113	88607	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
50) Toluene-d8	10.19	98	368943	54.89	ug/l	0.00
Spiked Amount			Recovery	=	109.78%	
62) 4-Bromofluorobenzene	12.48	95	124500	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	

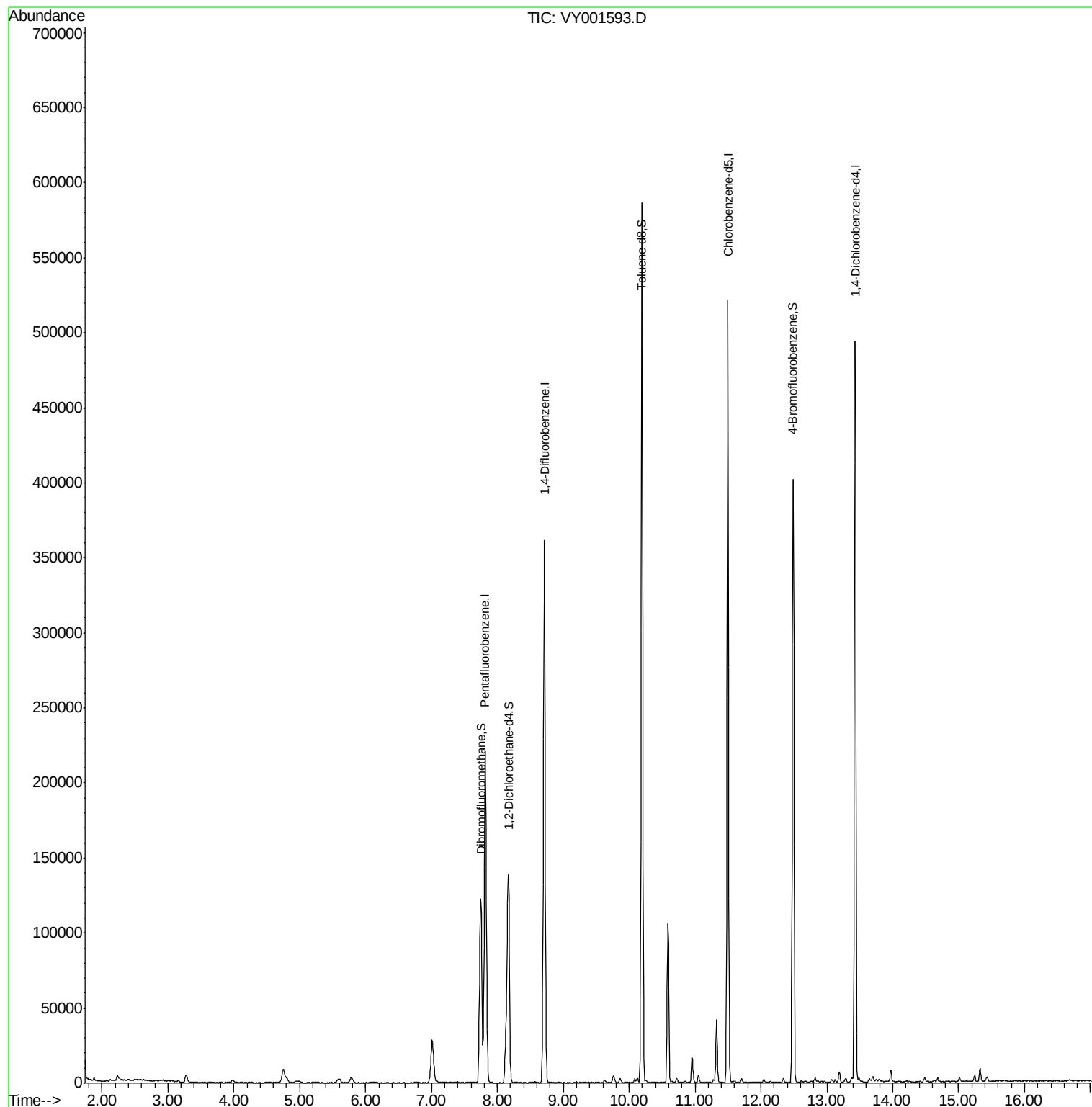
Target Compounds	Qvalue
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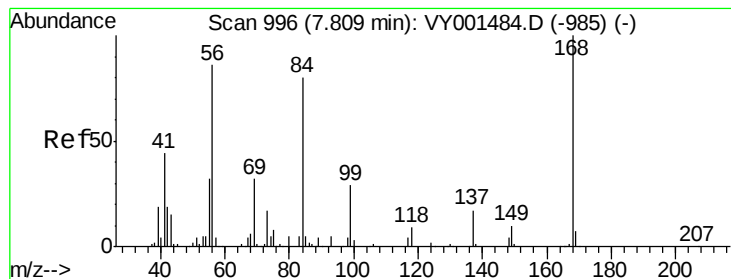
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001593.D

Acq: 11 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

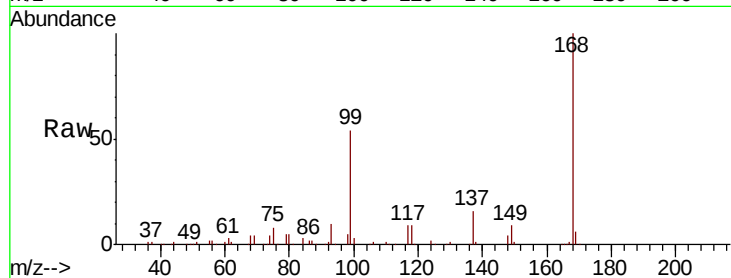
VY0211SBL01

Tot Ion:168 Resp: 171726

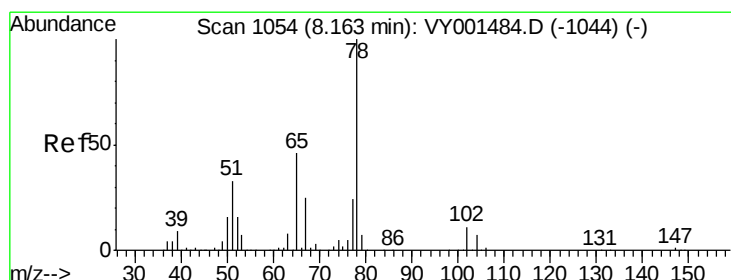
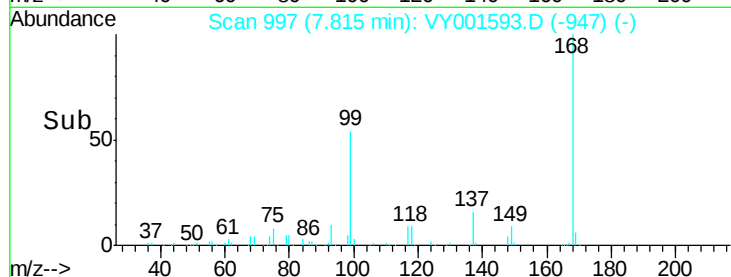
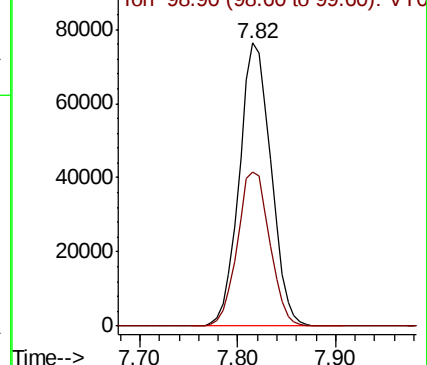
Ion Ratio Lower Upper

168 100

99 54.4 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001593.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.402 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY001593.D

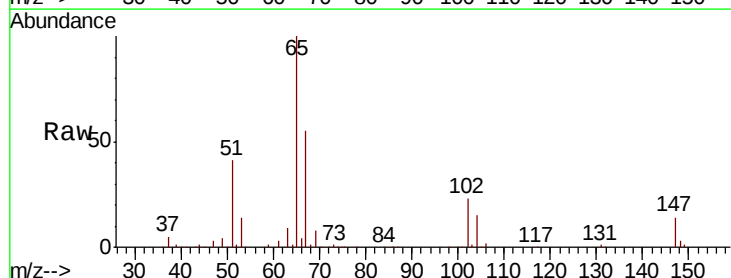
Acq: 11 Feb 2020 11:02

Tgt Ion: 65 Resp: 94062

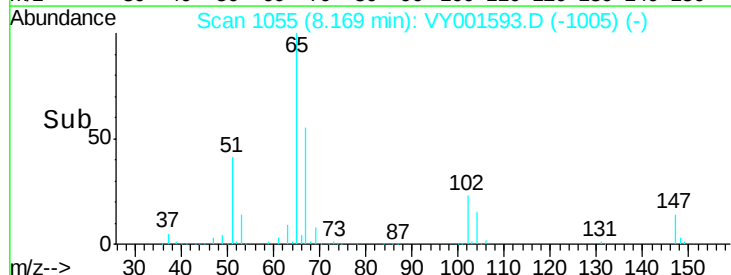
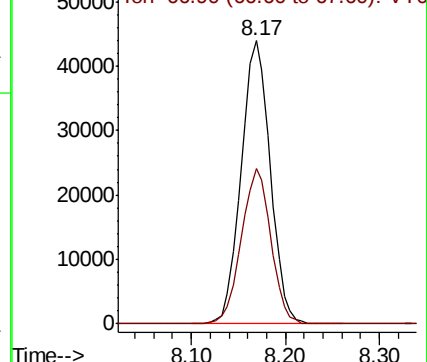
Ion Ratio Lower Upper

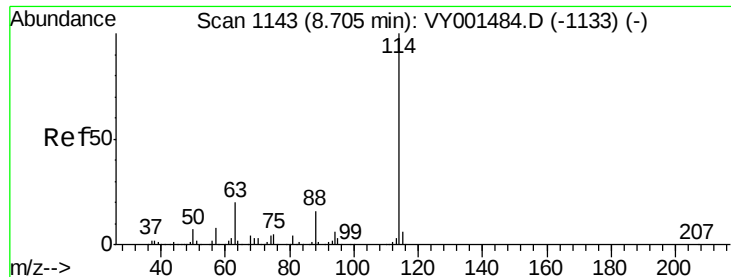
65 100

67 55.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001593.D (-1005) (-)

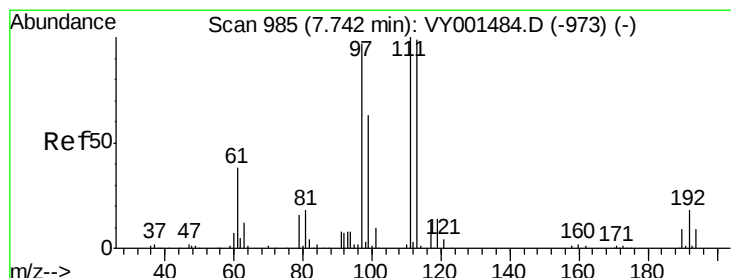
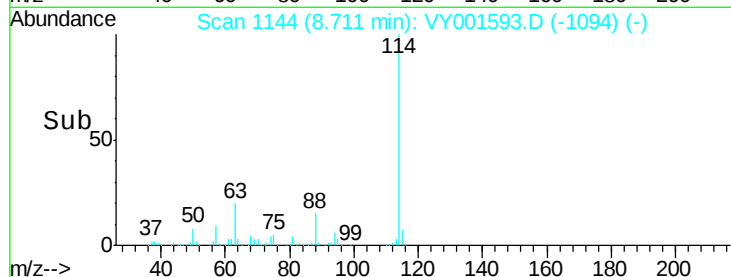
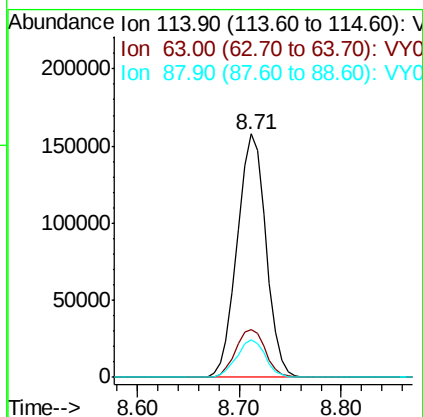
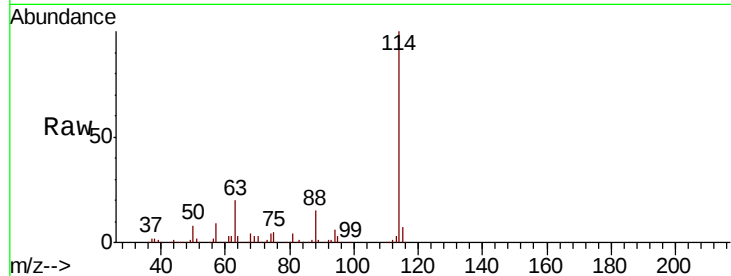




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001593.D
 Acq: 11 Feb 2020 11:02

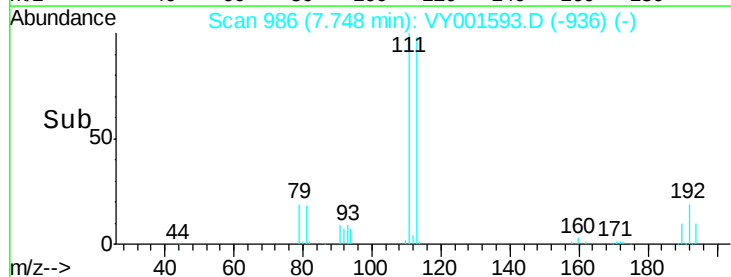
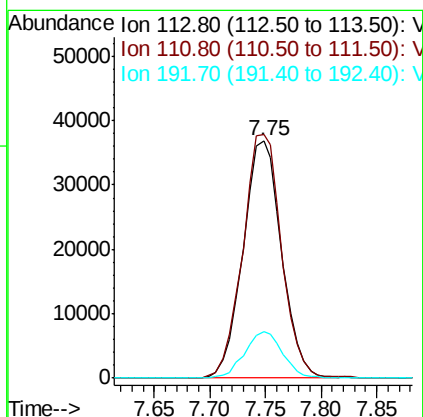
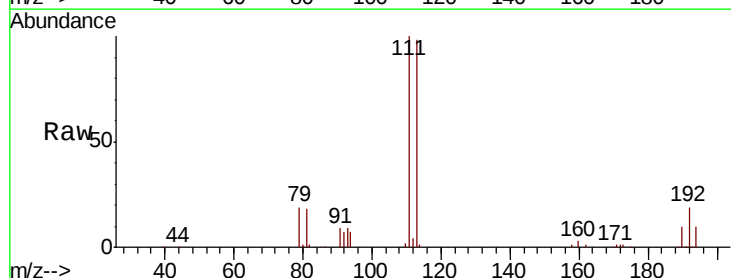
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0211SBL01

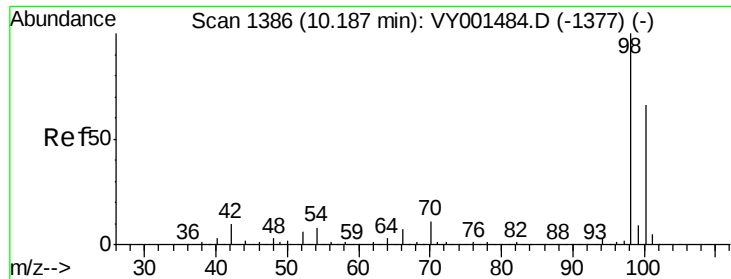
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.8
88	15.5	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 49.875 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY001593.D
 Acq: 11 Feb 2020 11:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.9	124.3
192	19.4	14.6	22.0





#50

Toluene-d8

Concen: 54.889 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001593.D

Acq: 11 Feb 2020 11:02

Instrument :

MSVOA_Y

ClientSampleId :

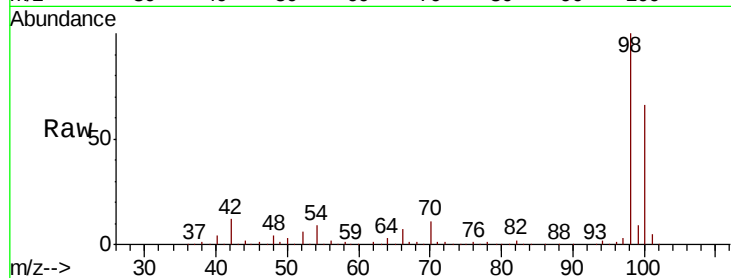
VY0211SBL01

Tot Ion: 98 Resp: 368943

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

200000

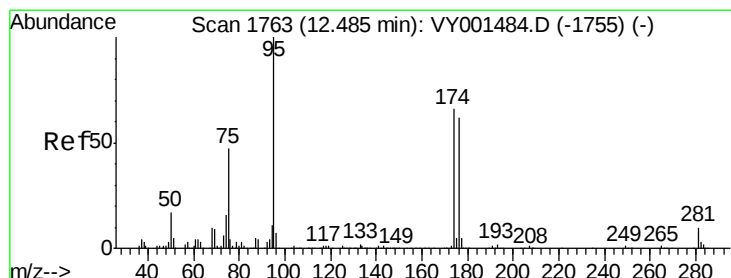
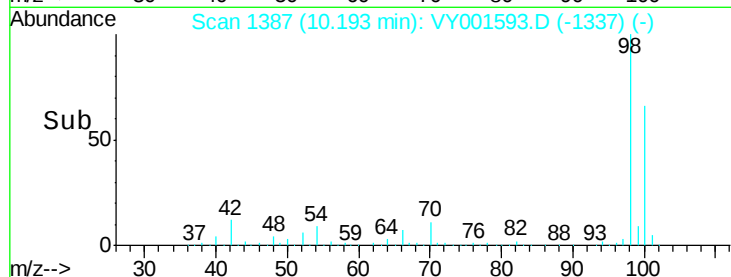
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.018 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001593.D

Acq: 11 Feb 2020 11:02

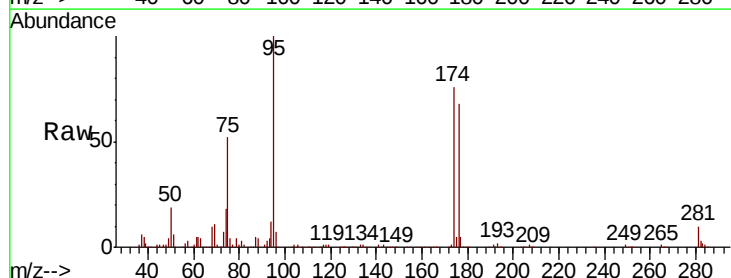
Tgt Ion: 95 Resp: 124500

Ion Ratio Lower Upper

95 100

174 75.7 0.0 141.4

176 72.2 0.0 135.4



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

100000

80000

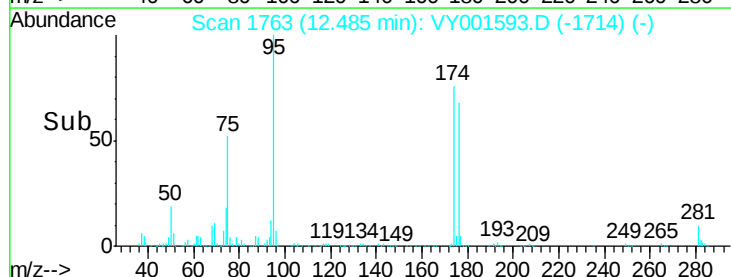
60000

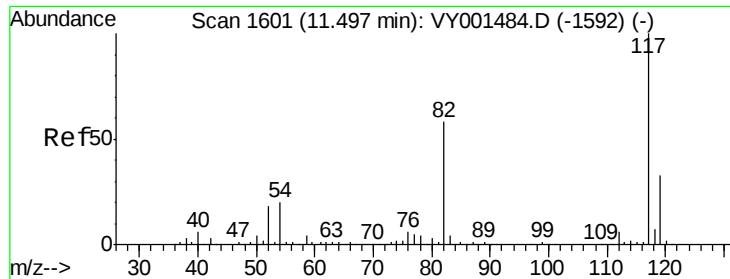
40000

20000

0

Time-->

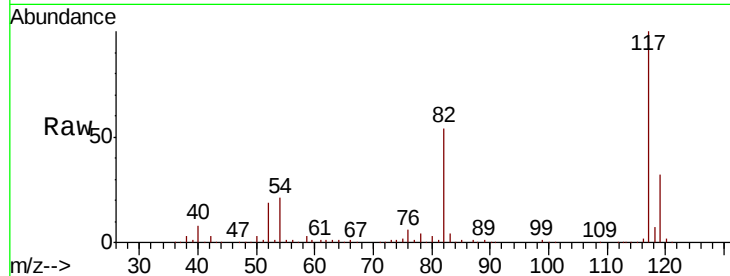




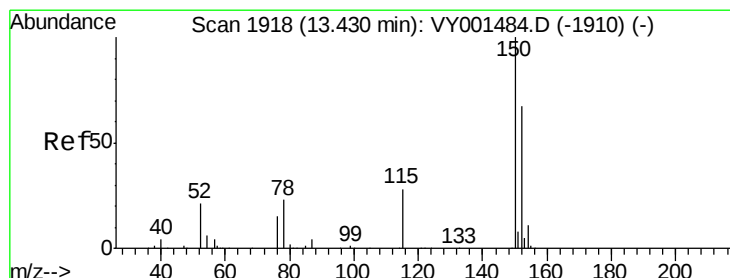
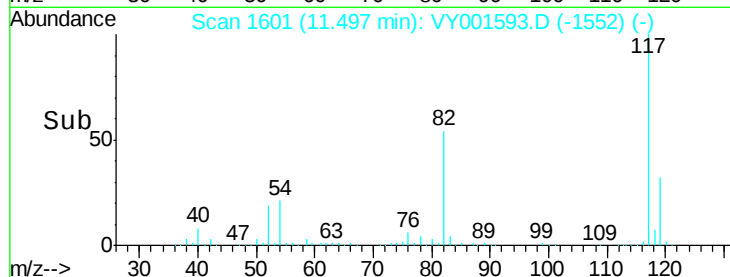
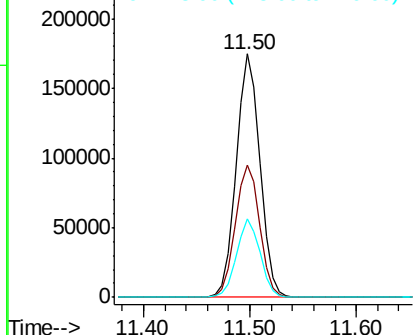
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001593.D
Acq: 11 Feb 2020 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0211SBL01

Tot Ion:117 Resp: 272331
Ion Ratio Lower Upper
117 100
82 54.4 46.1 69.1
119 32.4 26.1 39.1

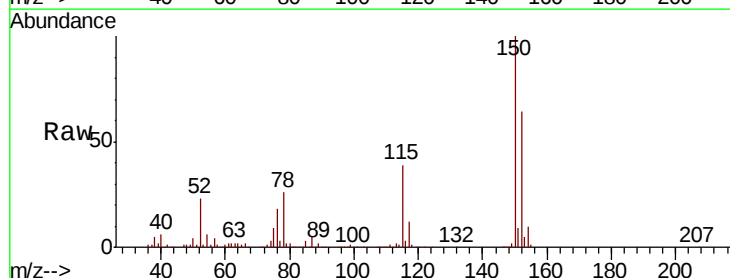


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001593.D
Acq: 11 Feb 2020 11:02

Tgt Ion:152 Resp: 121018
Ion Ratio Lower Upper
152 100
115 59.6 31.4 94.3
150 156.6 0.0 346.8



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

