

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
 Data File : VY002634.D
 Acq On : 08 May 2020 11:50
 Operator : SY/MD
 Sample : VY0508SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBL01

Quant Time: May 11 01:33:15 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	354801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	547989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	486348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	233053	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	157816	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
35) Dibromofluoromethane	7.74	113	165098	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	10.19	98	629767	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.49	95	203569	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

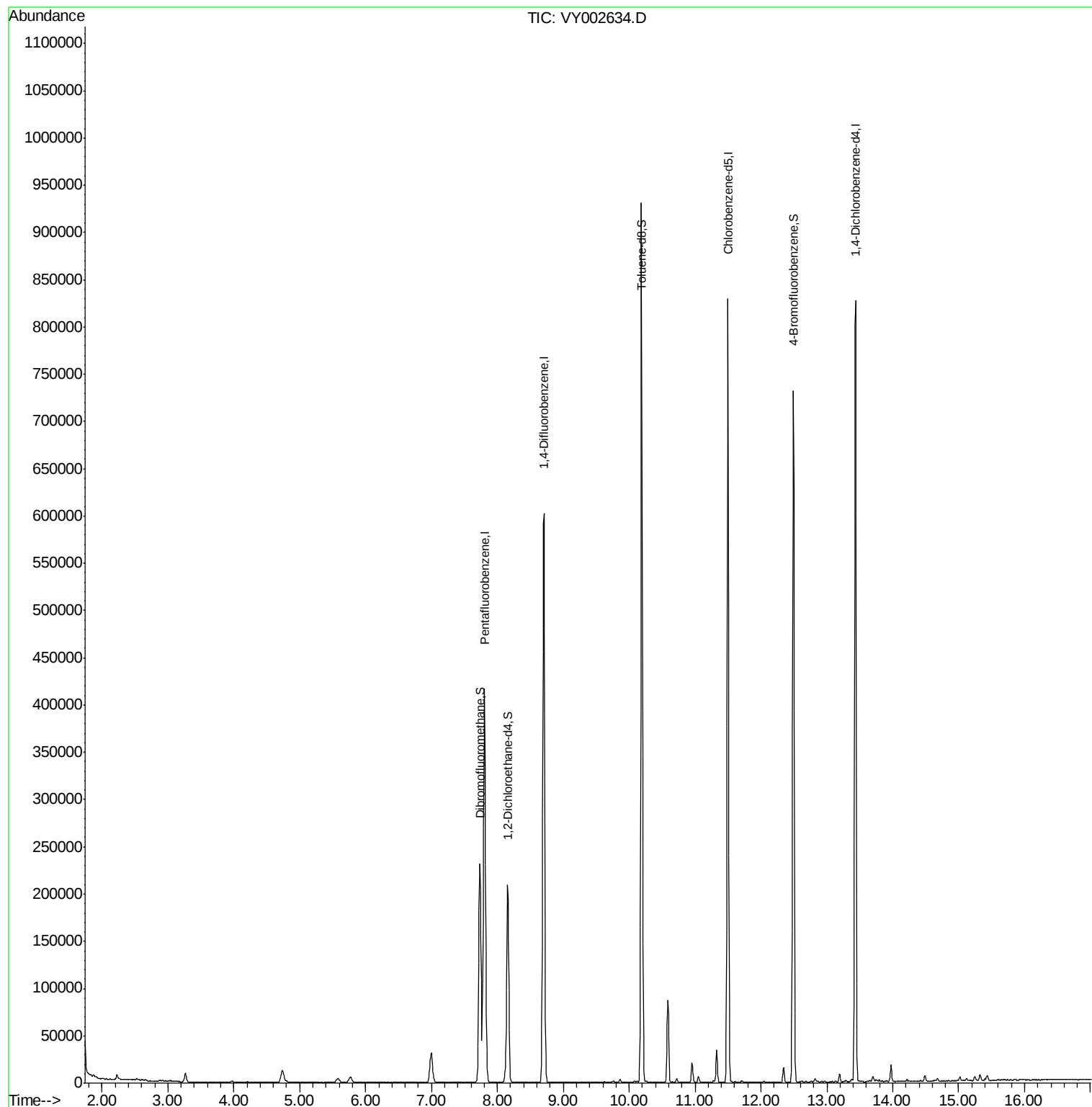
Target Compounds	Qvalue

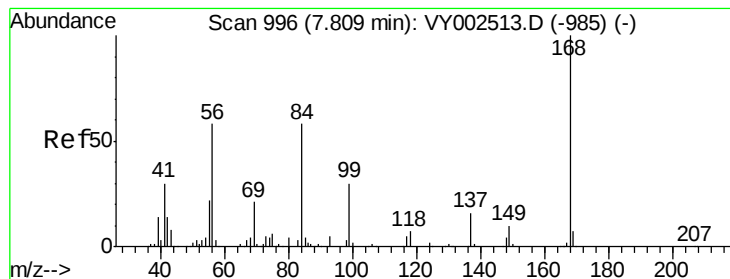
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002634.D

Acq: 08 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

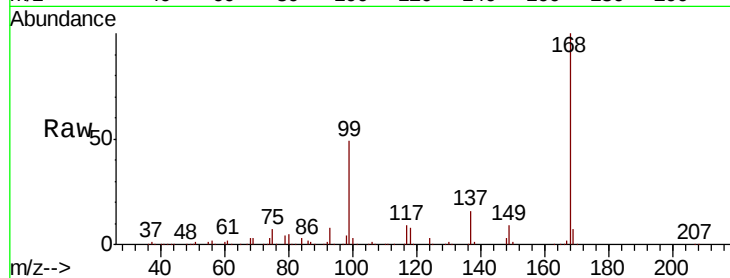
VY0508SBL01

Tot Ion:168 Resp: 354801

Ion Ratio Lower Upper

168 100

99 48.6 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

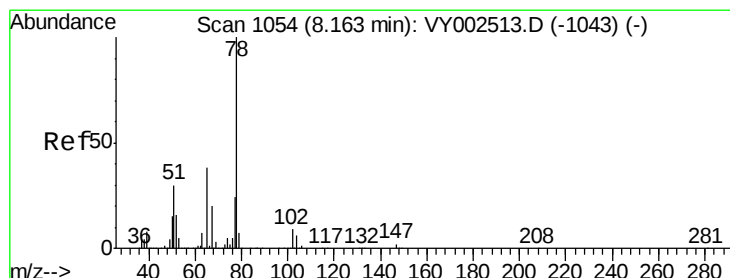
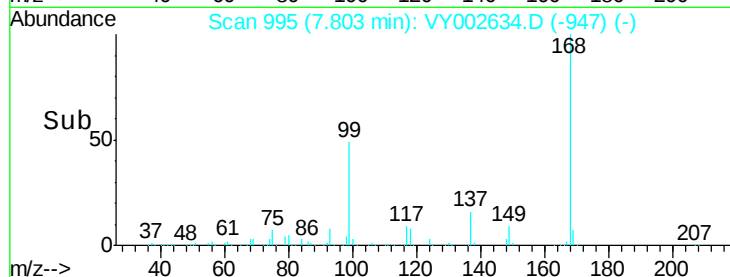
100000

50000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.901 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002634.D

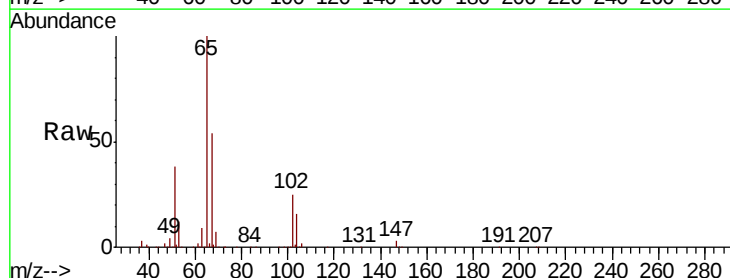
Acq: 08 May 2020 11:50

Tgt Ion: 65 Resp: 157816

Ion Ratio Lower Upper

65 100

67 54.4 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) (-)

8.16

80000

60000

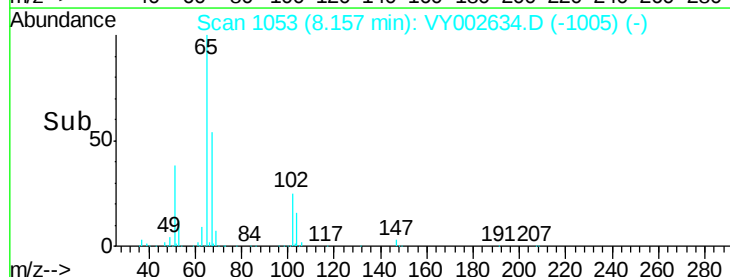
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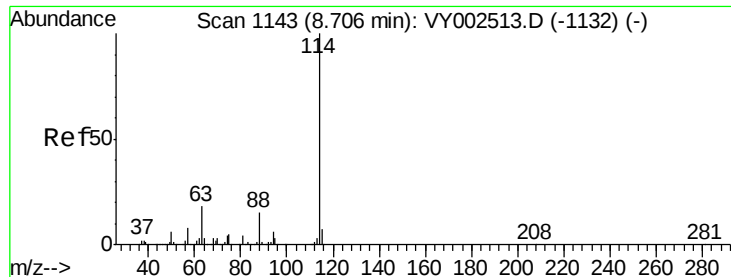
20000

0

8.10 8.20

Time-->

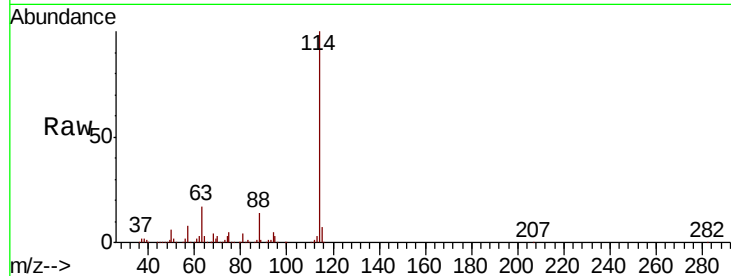




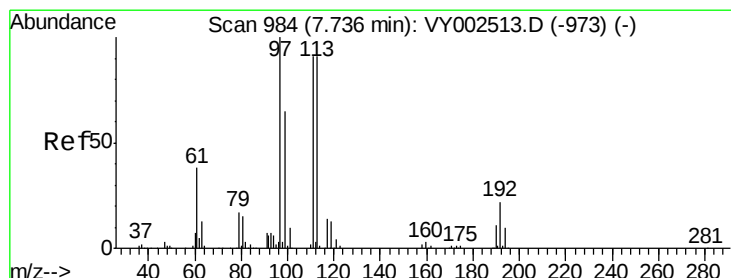
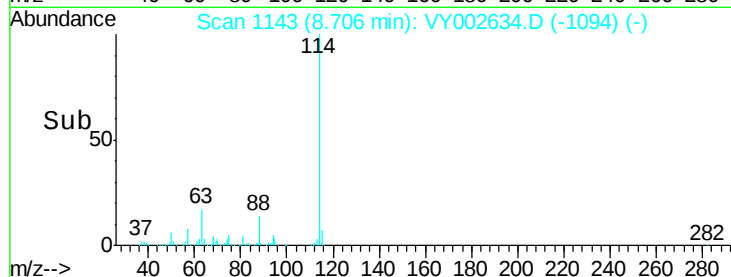
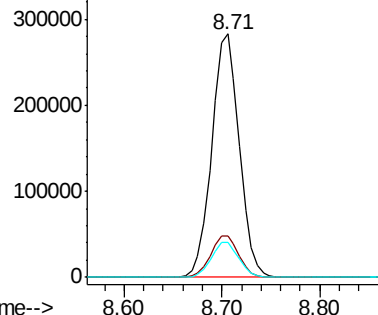
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002634.D
 Acq: 08 May 2020 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0508SBL01

Tot Ion:	114	Resp:	547989
Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	36.4
88	14.5	0.0	29.6

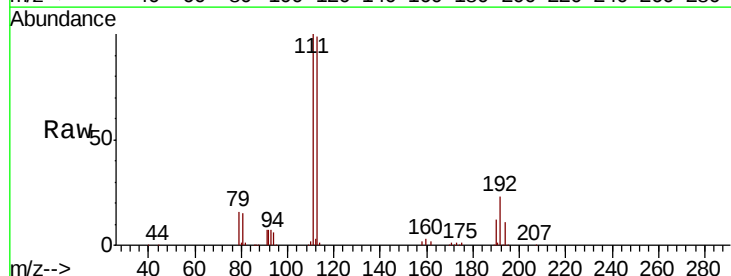


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

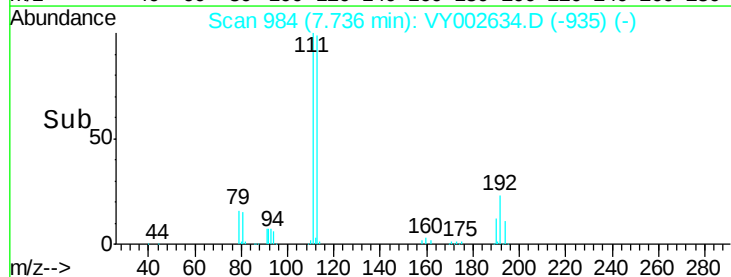
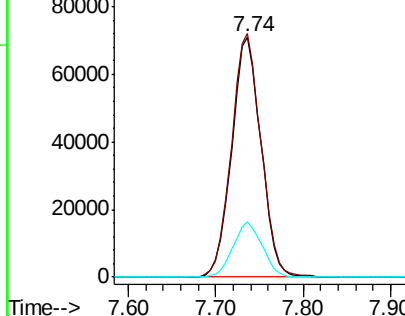


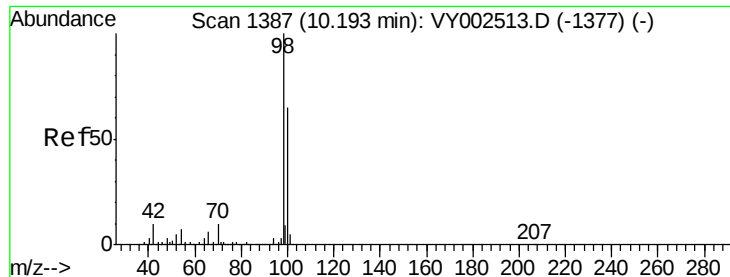
#35
 Dibromofluoromethane
 Concen: 52.680 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002634.D
 Acq: 08 May 2020 11:50

Tgt Ion:	113	Resp:	165098
Ion	Ratio	Lower	Upper
113	100		
111	102.6	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: 51.457 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002634.D

Acq: 08 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

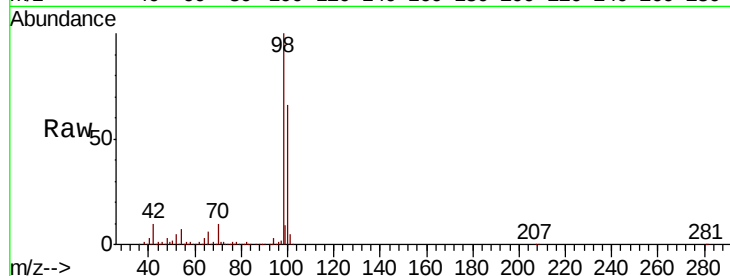
VY0508SBL01

Tot Ion: 98 Resp: 629767

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

400000

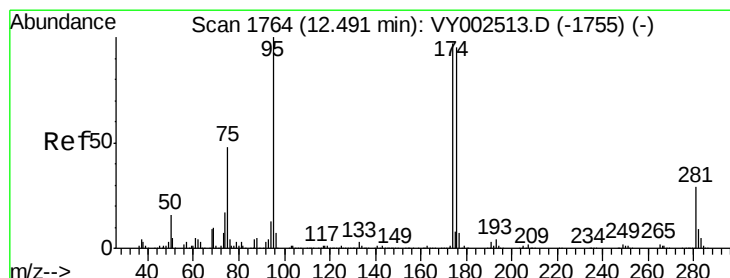
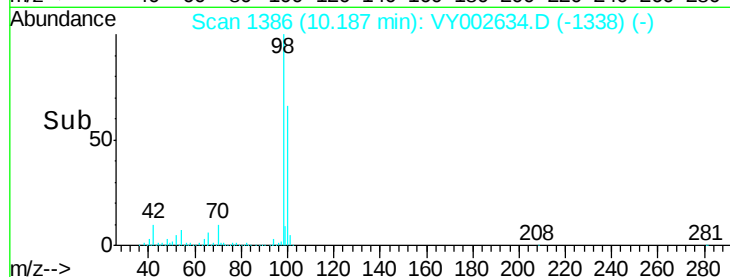
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.019 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002634.D

Acq: 08 May 2020 11:50

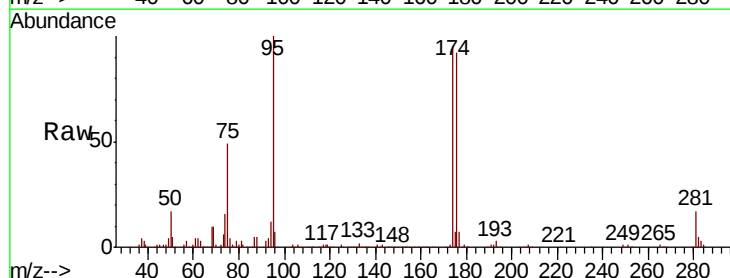
Tgt Ion: 95 Resp: 203569

Ion Ratio Lower Upper

95 100

174 94.0 0.0 188.8

176 91.4 0.0 183.2



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

12.49

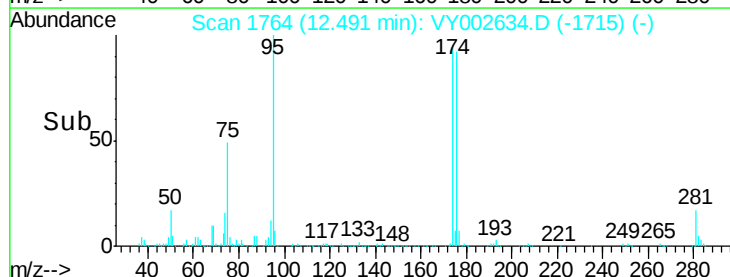
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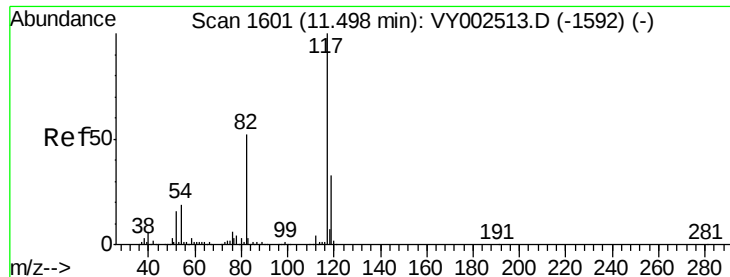
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50000

0

Time-->

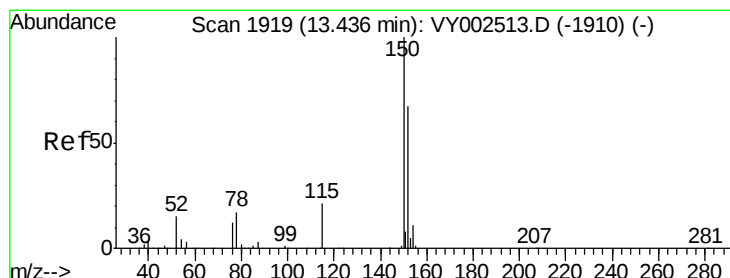
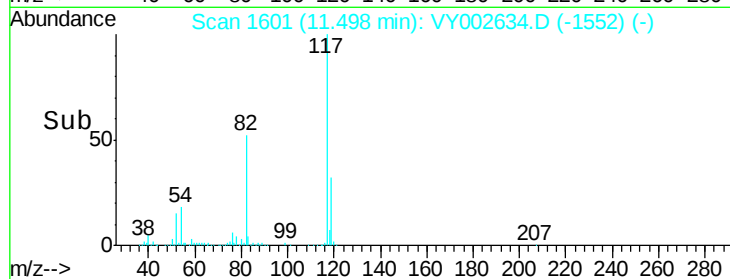
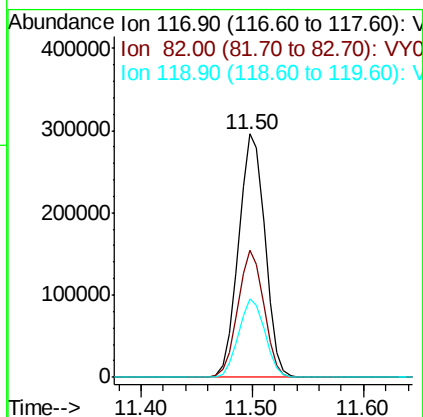
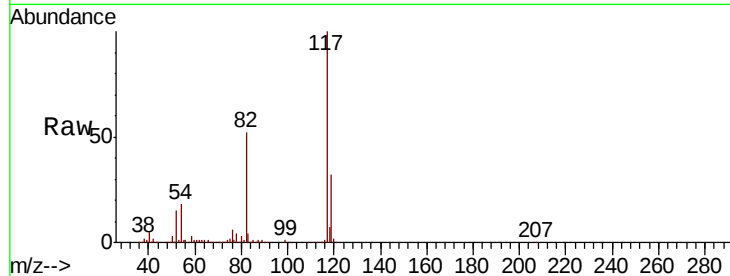




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002634.D
Acq: 08 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0508SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.3	61.9
119	32.3	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002634.D
Acq: 08 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.5	82.4
150	158.2	0.0	346.4

