

Data File : VY002673.D
Acq On : 13 May 2020 10:44
Operator : SY/MD
Sample : VY0513SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBL01

Quant Time: May 14 03:45:26 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	338336	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	526730	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	470766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	227221	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	142515	50.10	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.72	113	155209	51.52	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.18	98	613589	52.16	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.32%	
62) 4-Bromofluorobenzene	12.48	95	196428	49.21	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.42%	

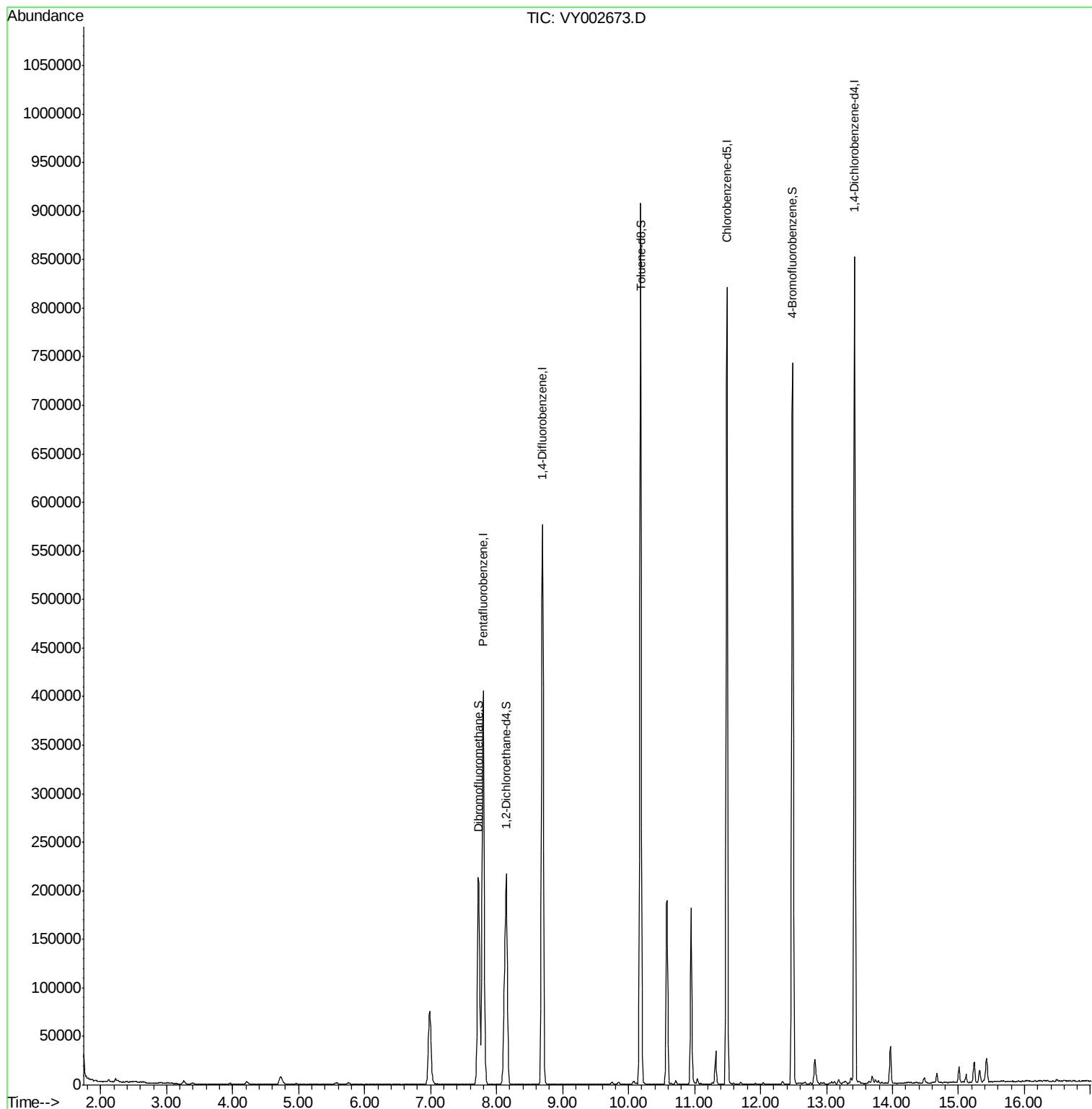
Target Compounds Qvalue

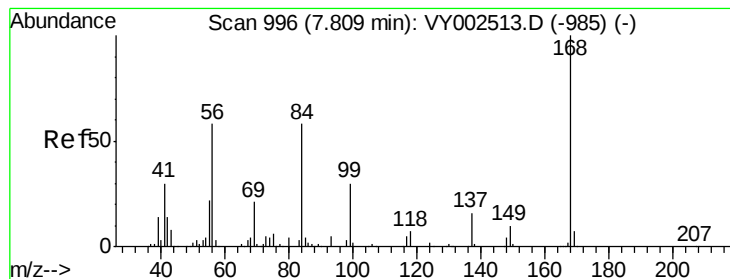
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

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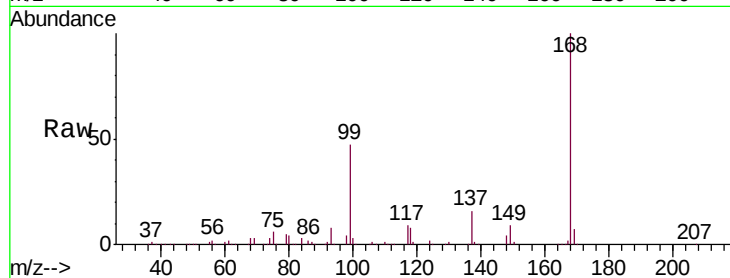
VY0513SBL01

Tgt Ion:168 Resp: 338336

Ion Ratio Lower Upper

168 100

99 47.0 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

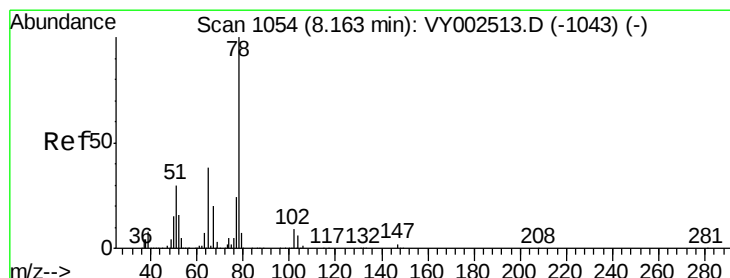
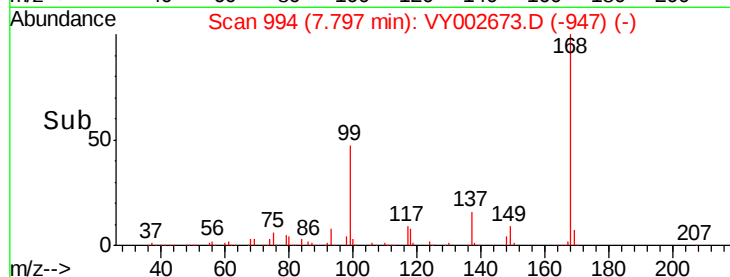
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.097 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002673.D

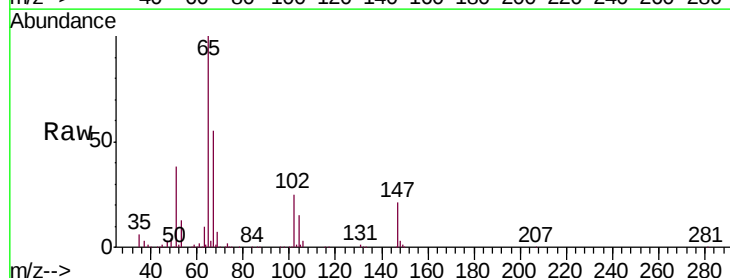
Acq: 13 May 2020 10:44

Tgt Ion: 65 Resp: 142515

Ion Ratio Lower Upper

65 100

67 54.6 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

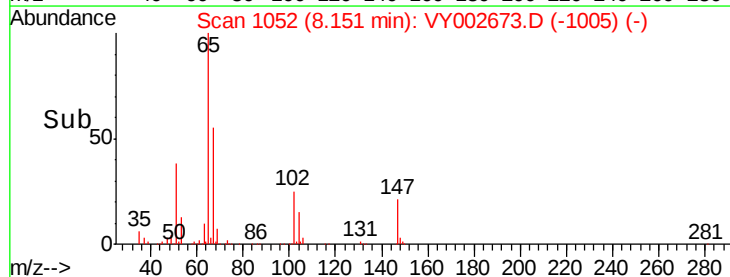
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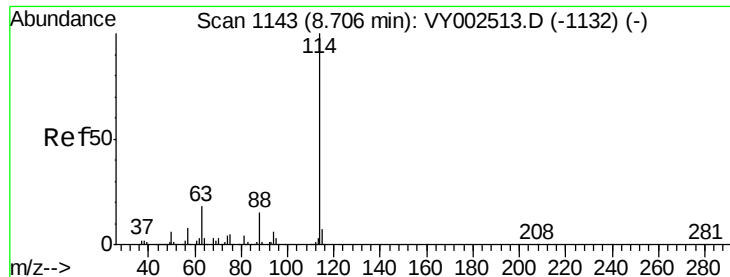
40000

20000

0

Time-->

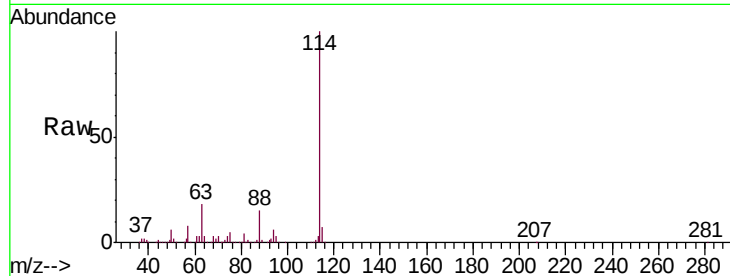




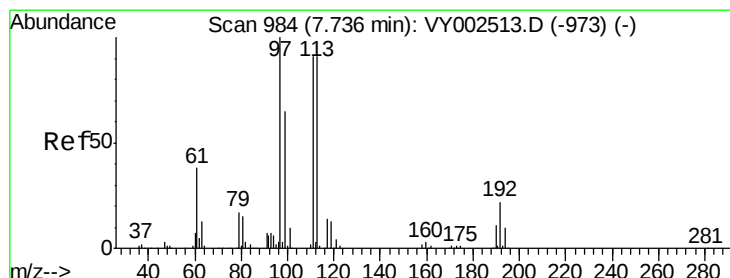
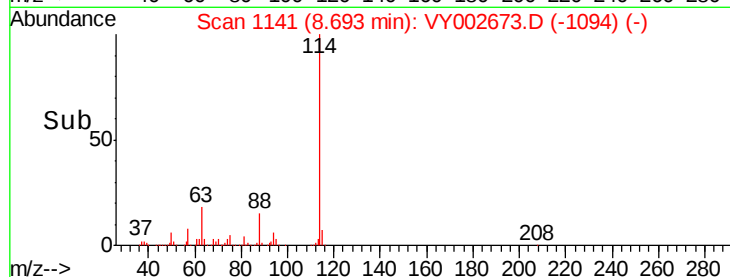
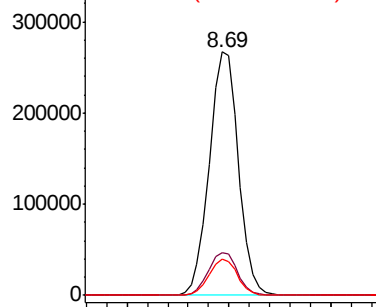
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002673.D
 Acq: 13 May 2020 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0513SBL01

Tgt Ion:	114	Resp:	526730
Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	36.4
88	14.7	0.0	29.6

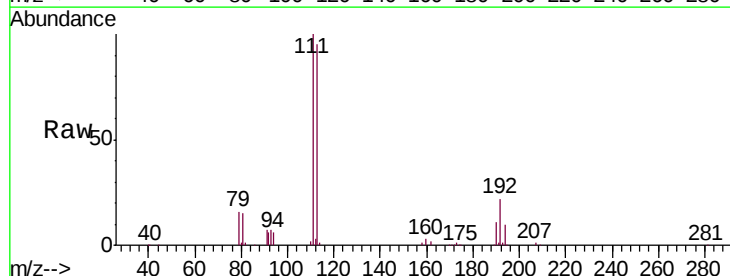


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

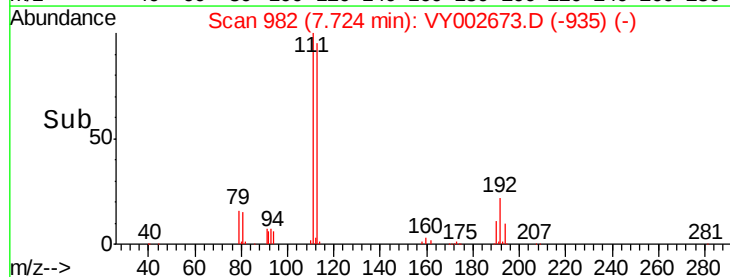
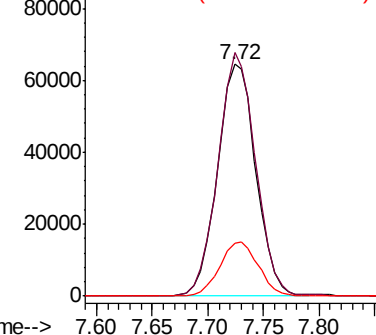


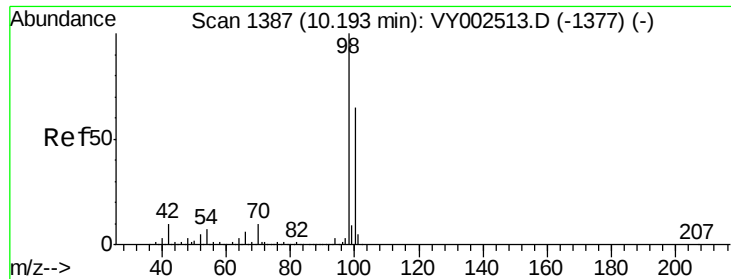
#35
 Dibromofluoromethane
 Concen: 51.524 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002673.D
 Acq: 13 May 2020 10:44

Tgt Ion:	113	Resp:	155209
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	23.2	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: 52.159 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002673.D

Acq: 13 May 2020 10:44

Instrument :

MSVOA_Y

ClientSampleId :

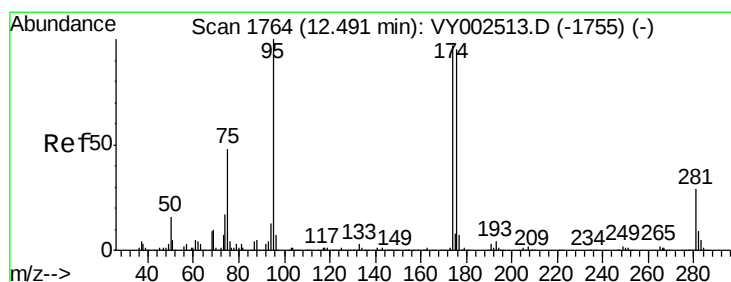
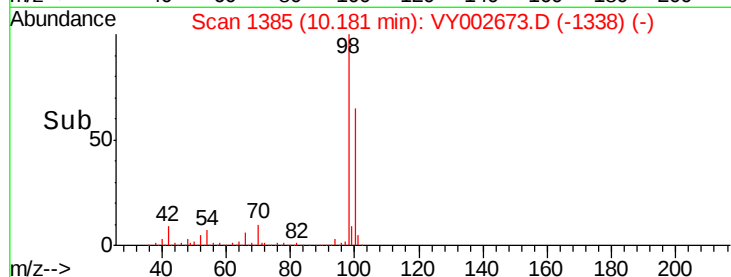
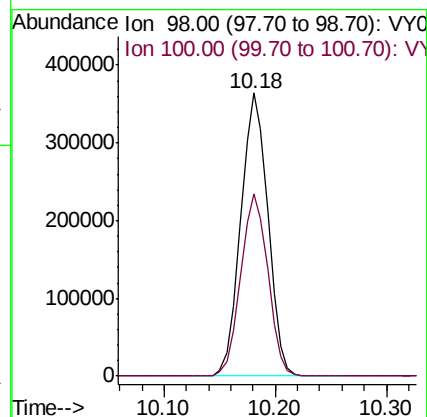
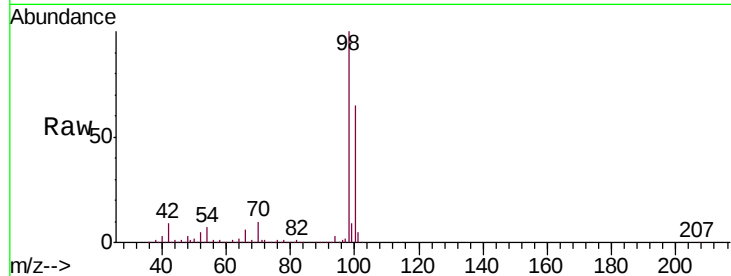
VY0513SBL01

Tgt Ion: 98 Resp: 613589

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.209 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002673.D

Acq: 13 May 2020 10:44

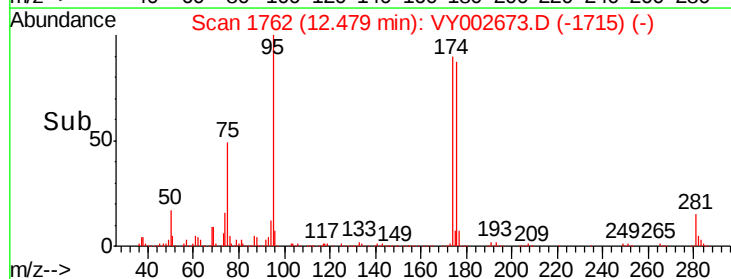
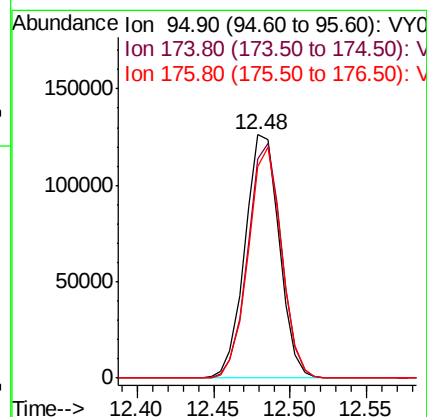
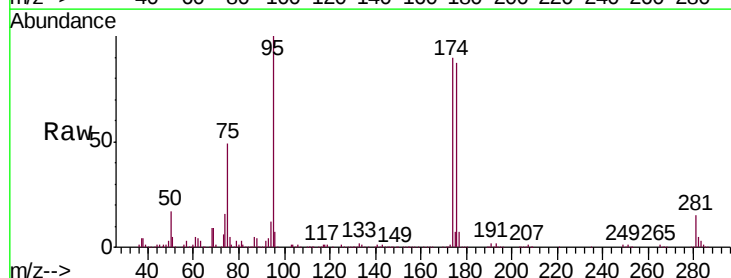
Tgt Ion: 95 Resp: 196428

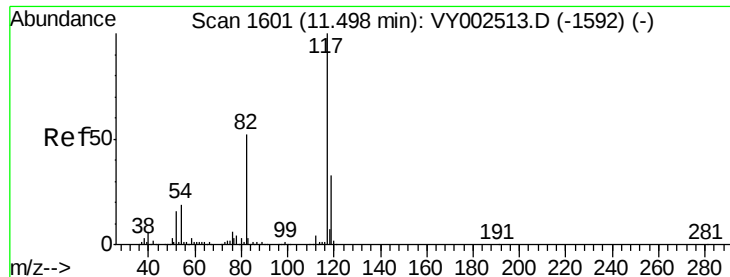
Ion Ratio Lower Upper

95 100

174 94.4 0.0 188.8

176 92.2 0.0 183.2

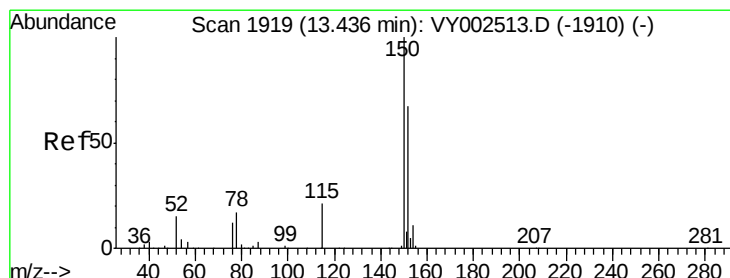
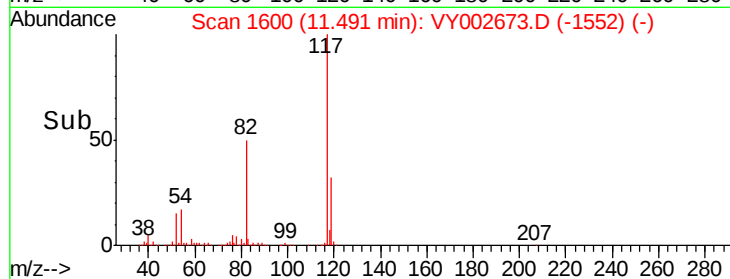
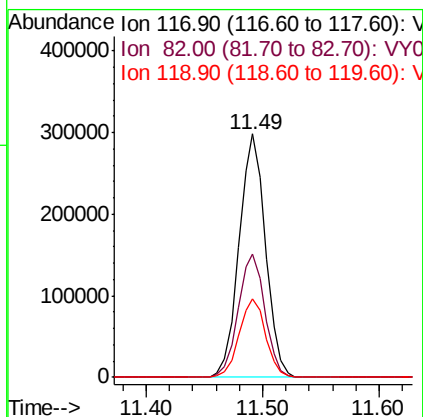
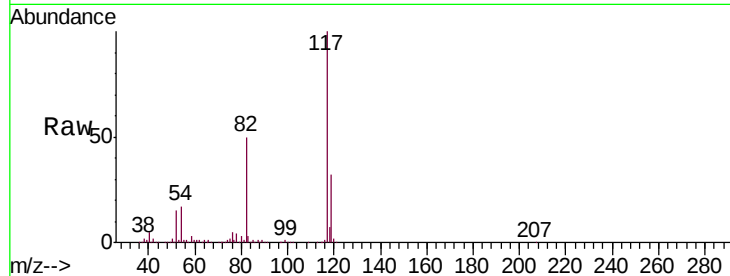




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002673.D
Acq: 13 May 2020 10:44

Instrument :
MSVOA_Y
ClientSampleId :
VY0513SBL01

Tgt Ion:117 Resp: 470766
Ion Ratio Lower Upper
117 100
82 50.5 41.3 61.9
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002673.D
Acq: 13 May 2020 10:44

Tgt Ion:152 Resp: 227221
Ion Ratio Lower Upper
152 100
115 53.2 27.5 82.4
150 156.6 0.0 346.4

