

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042420\
 Data File : VY002478.D
 Acq On : 24 Apr 2020 13:17
 Operator : SY/MD
 Sample : VY0424SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBL01

Quant Time: Apr 25 06:14:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	292982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	458075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	407674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	201142	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	144328	56.36	ug/l	0.00
Spiked Amount			Recovery	=	112.72%	
35) Dibromofluoromethane	7.74	113	136671	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
50) Toluene-d8	10.19	98	528343	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.49	95	169363	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	

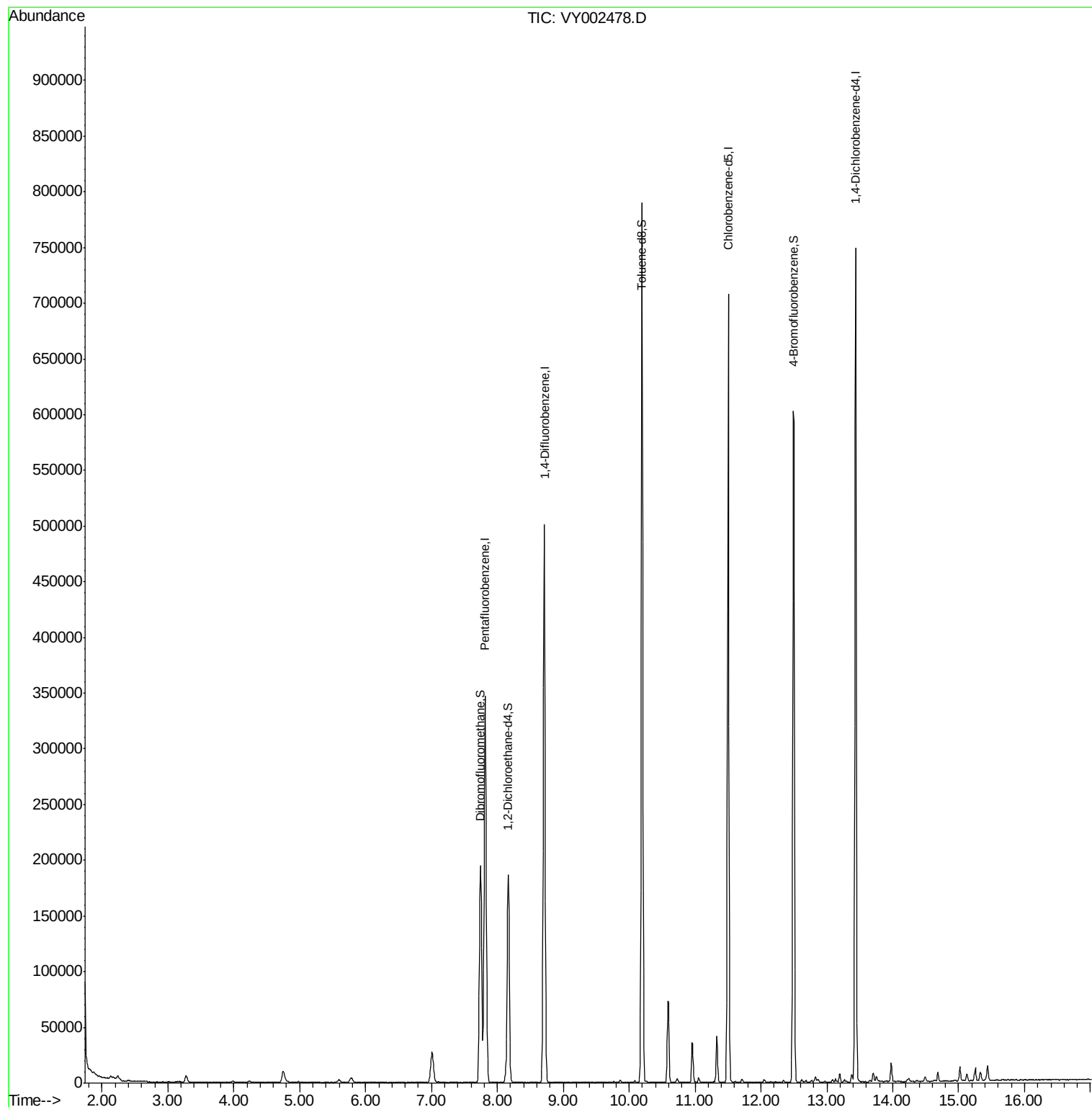
Target Compounds	Qvalue
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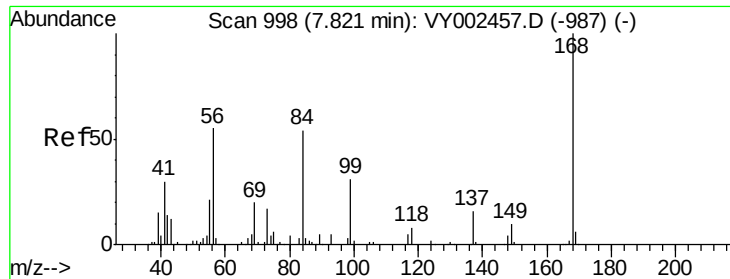
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY042420\
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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: VY002478.D

Acq: 24 Apr 2020 13:17

Instrument :

MSVOA_Y

ClientSampleId :

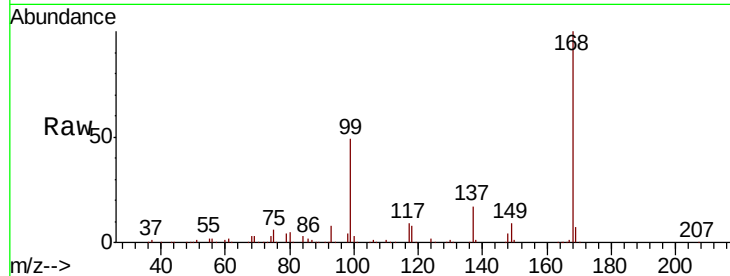
VY0424SBL01

Tot Ion:168 Resp: 292982

Ion Ratio Lower Upper

168 100

99 48.6 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

7.82

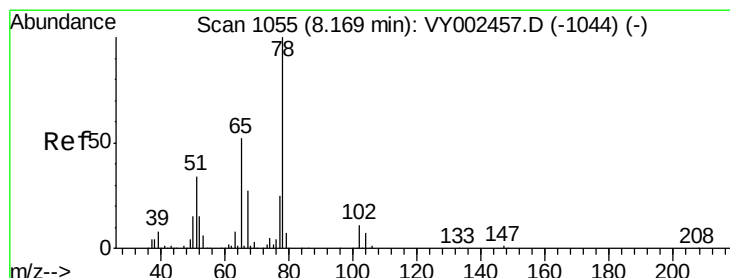
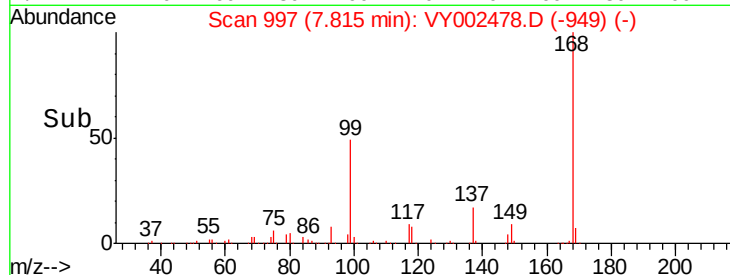
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.361 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY002478.D

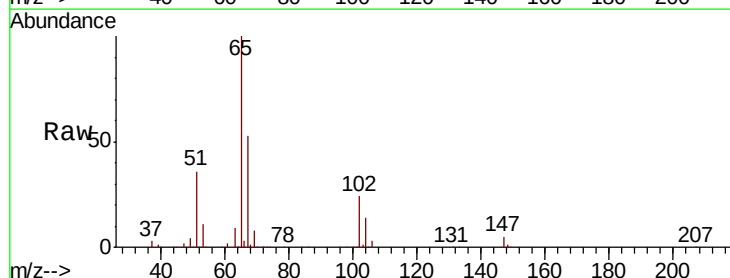
Acq: 24 Apr 2020 13:17

Tgt Ion: 65 Resp: 144328

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VY002457.D (-1044) (-)

Ion 66.90 (66.60 to 67.60): VY002457.D (-1044) (-)

8.16

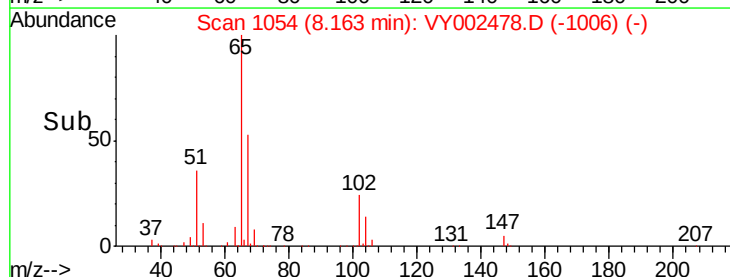
60000

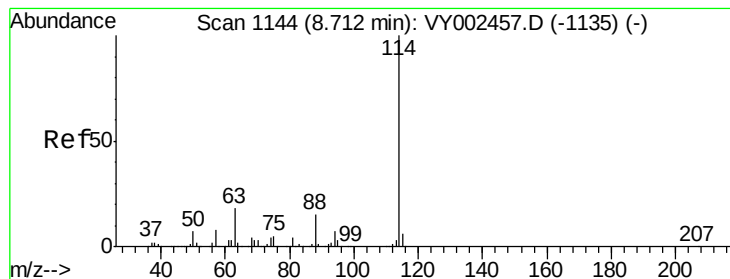
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY002478.D

Acq: 24 Apr 2020 13:17

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBL01

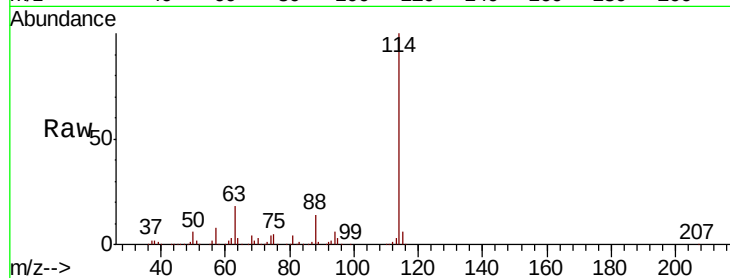
Tot Ion:114 Resp: 458075

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

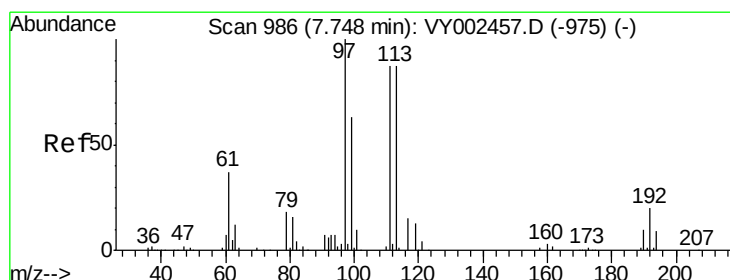
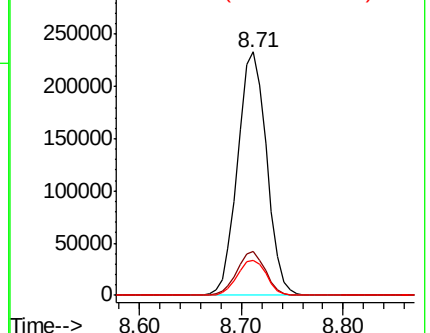
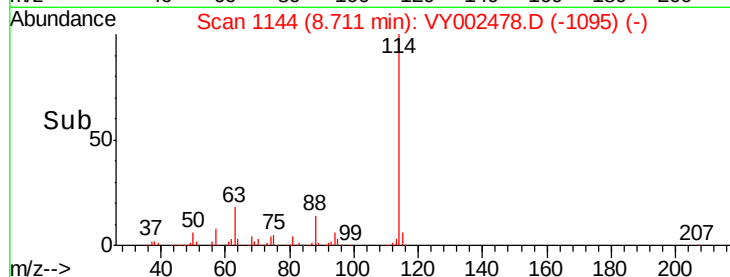
88 14.4 0.0 29.4



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: 52.896 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002478.D

Acq: 24 Apr 2020 13:17

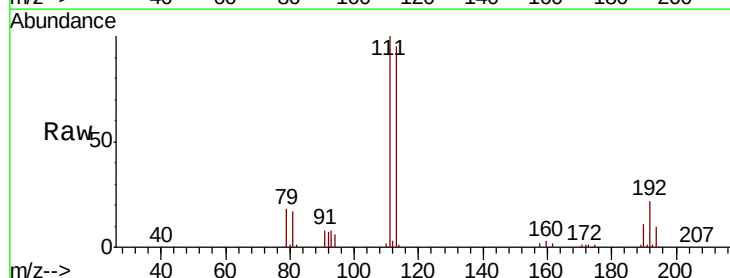
Tgt Ion:113 Resp: 136671

Ion Ratio Lower Upper

113 100

111 103.4 81.0 121.4

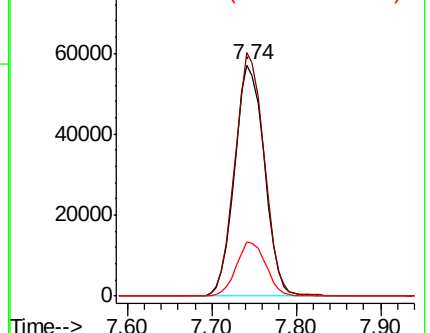
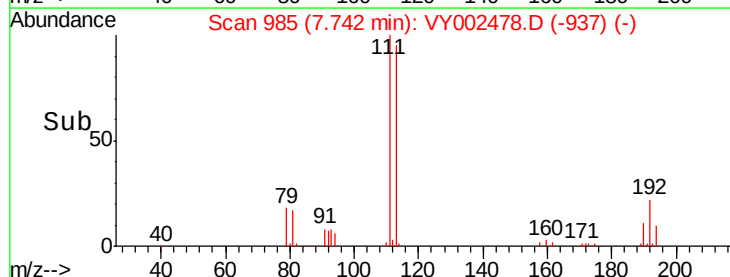
192 23.1 18.6 27.8

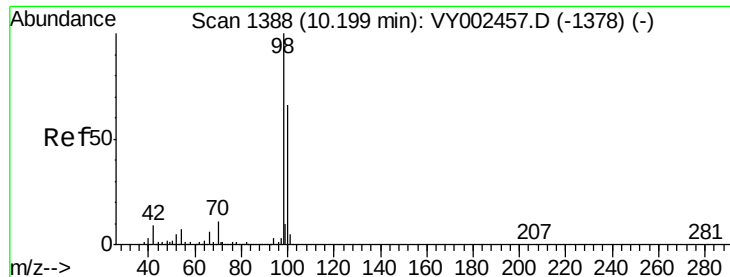


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.876 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY002478.D

Acq: 24 Apr 2020 13:17

Instrument :

MSVOA_Y

ClientSampleId :

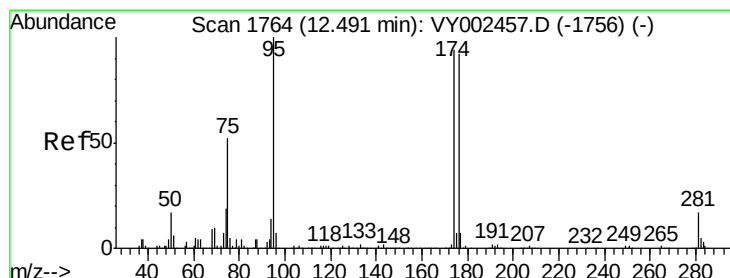
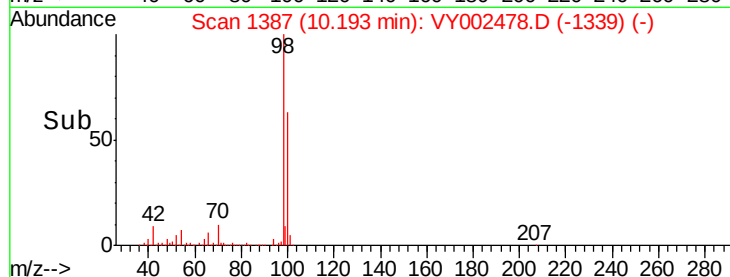
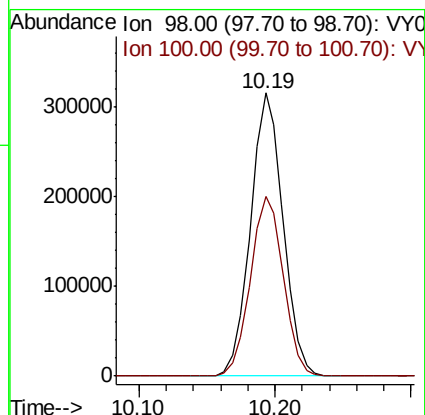
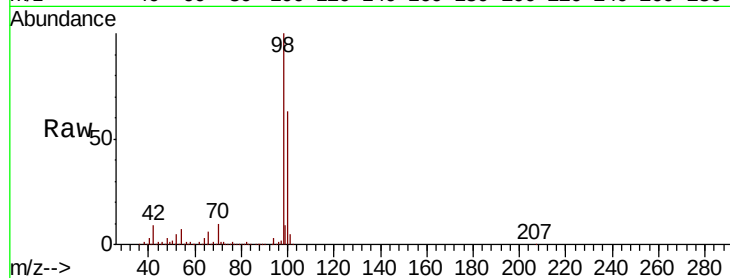
VY0424SBL01

Tot Ion: 98 Resp: 528343

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 48.604 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002478.D

Acq: 24 Apr 2020 13:17

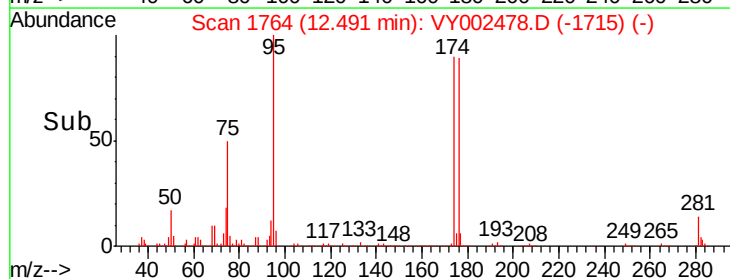
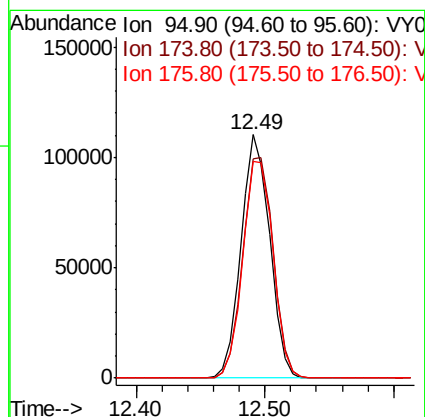
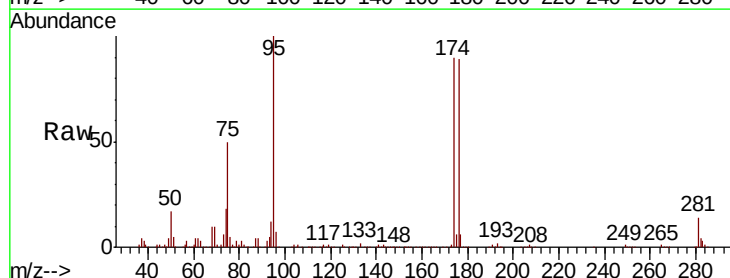
Tgt Ion: 95 Resp: 169363

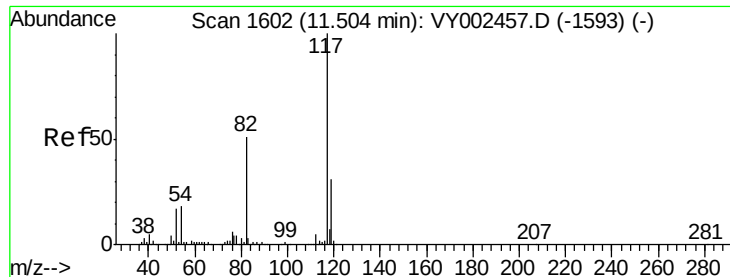
Ion Ratio Lower Upper

95 100

174 96.0 0.0 193.0

176 93.9 0.0 190.4

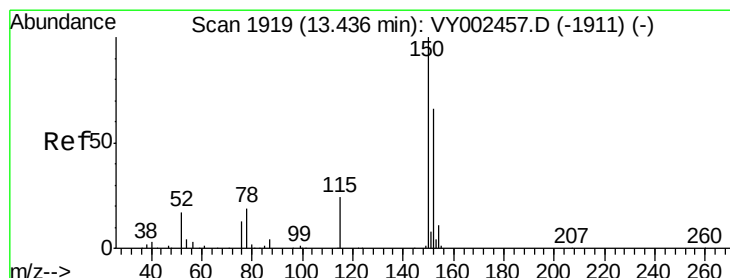
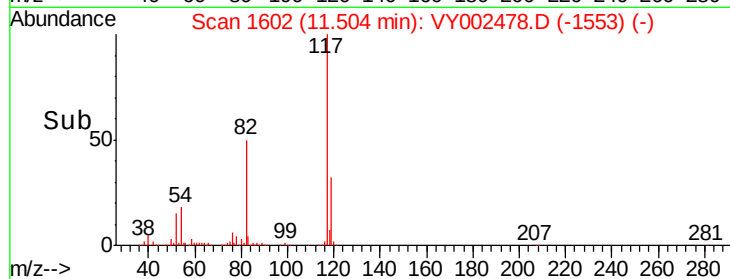
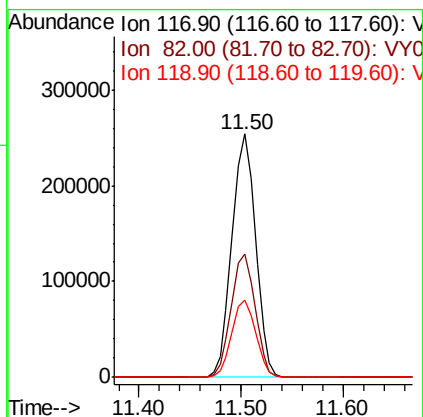
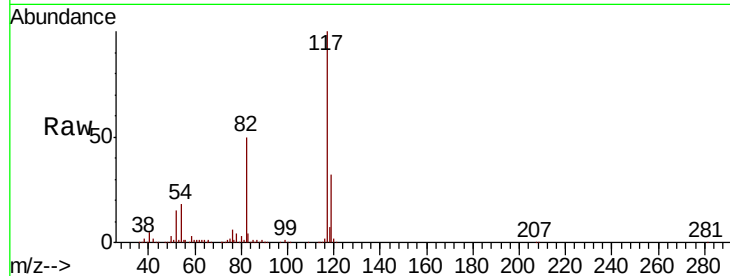




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY002478.D
Acq: 24 Apr 2020 13:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL01

Tot Ion:117 Resp: 407674
Ion Ratio Lower Upper
117 100
82 50.4 40.8 61.2
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002478.D
Acq: 24 Apr 2020 13:17

Tgt Ion:152 Resp: 201142
Ion Ratio Lower Upper
152 100
115 54.8 27.3 81.8
150 156.9 0.0 346.8

