

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002474.D
 Acq On : 23 Apr 2020 20:45
 Operator : SY/MD
 Sample : L2331-05
 Misc : 5.92G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-19-(3-4)

Quant Time: Apr 24 02:27:28 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

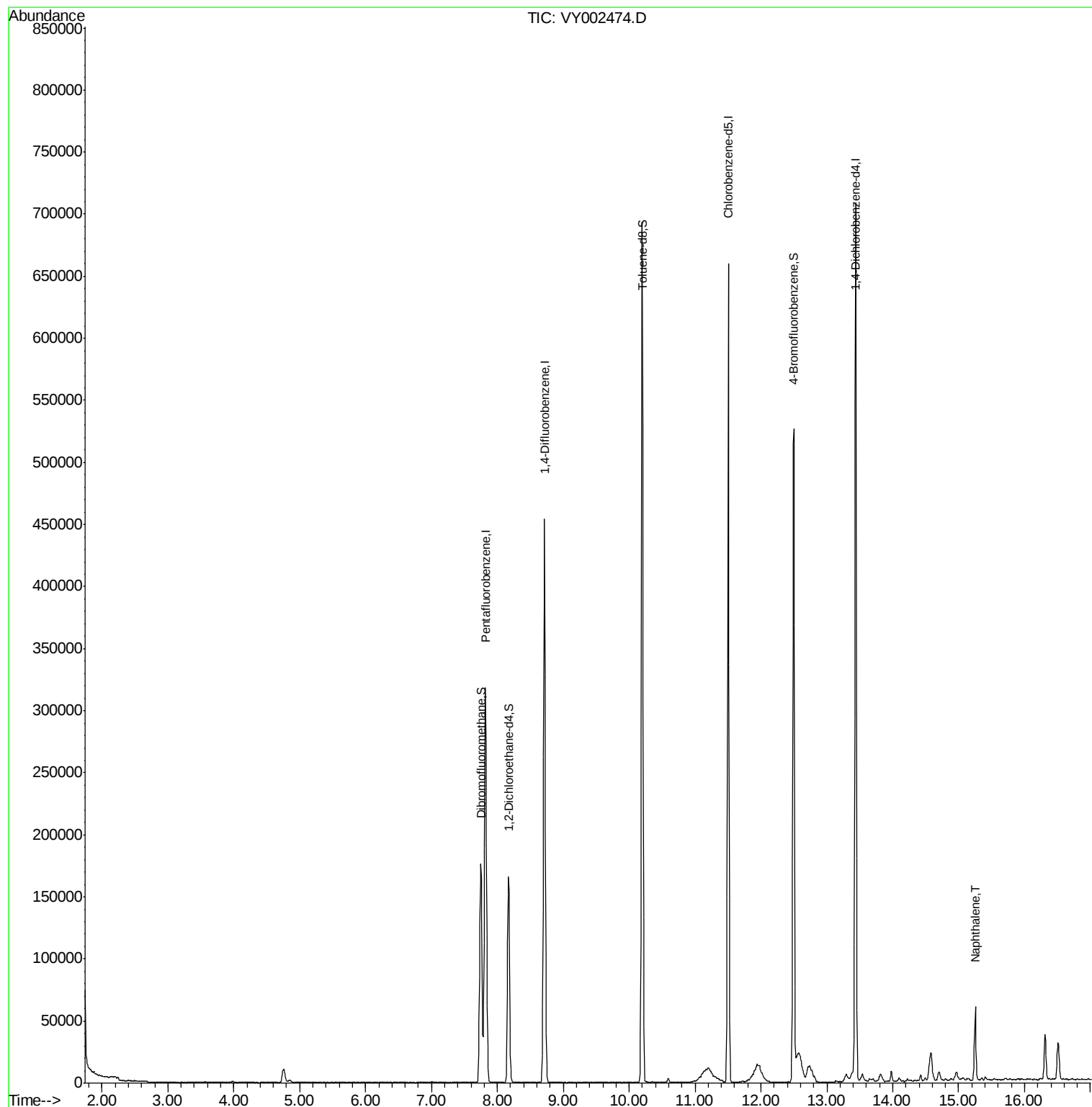
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	267958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	413969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	370270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	192497	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	133633	57.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.12%	
35) Dibromofluoromethane	7.75	113	122371	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
50) Toluene-d8	10.20	98	483302	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.49	95	155051	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
Target Compounds						
95) Naphthalene	15.25	128	52283	6.948	ug/l	Qvalue 99

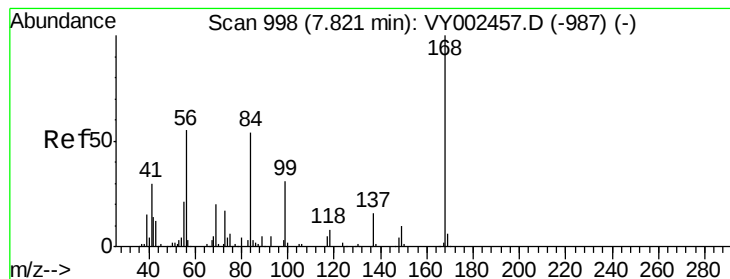
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.00 min

Lab File: VY002474.D

Acq: 23 Apr 2020 20:45

Instrument :

MSVOA_Y

ClientSampleId :

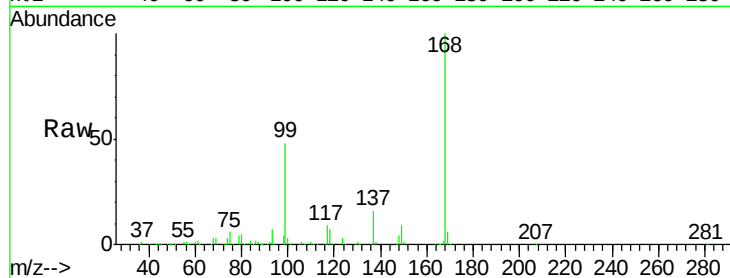
TP-19-(3-4)

Tot Ion:168 Resp: 267958

Ion Ratio Lower Upper

168 100

99 47.8 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) (-)

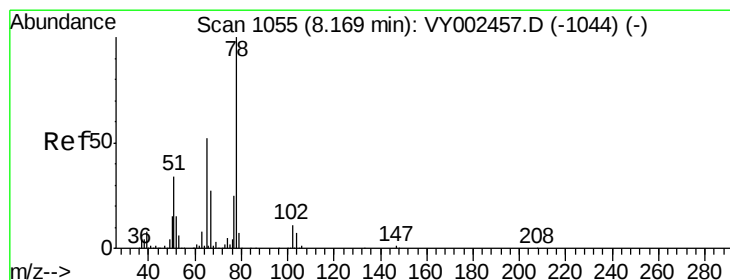
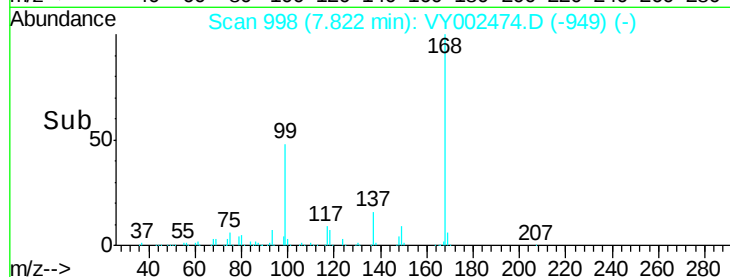
7.82

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.058 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY002474.D

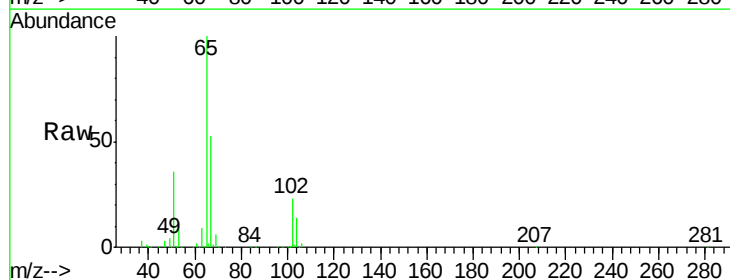
Acq: 23 Apr 2020 20:45

Tgt Ion: 65 Resp: 133633

Ion Ratio Lower Upper

65 100

67 52.5 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) (-)

8.17

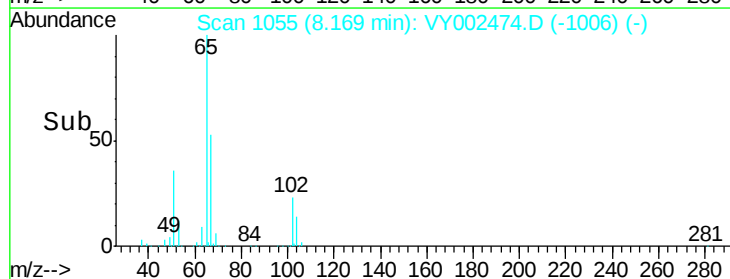
60000

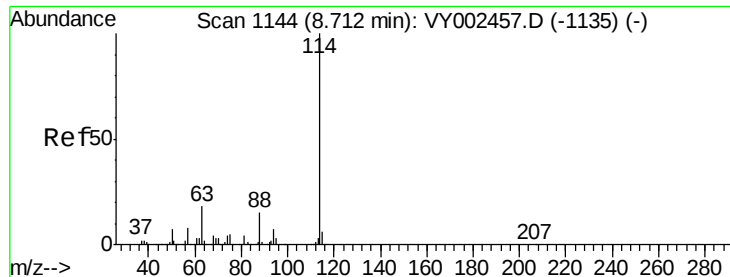
40000

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: VY002474.D

Acq: 23 Apr 2020 20:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-19-(3-4)

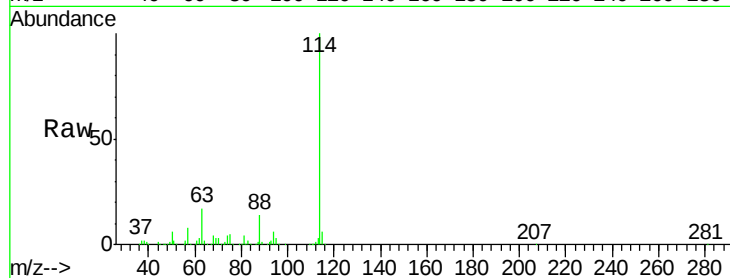
Tot Ion:114 Resp: 413969

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.6

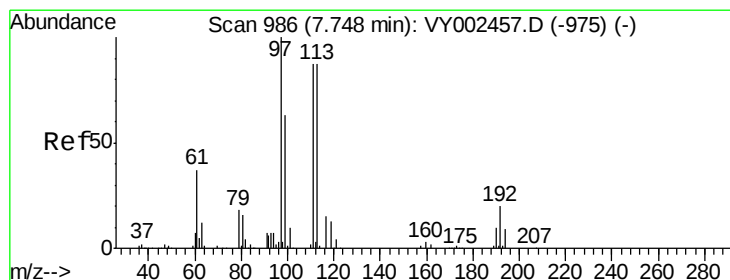
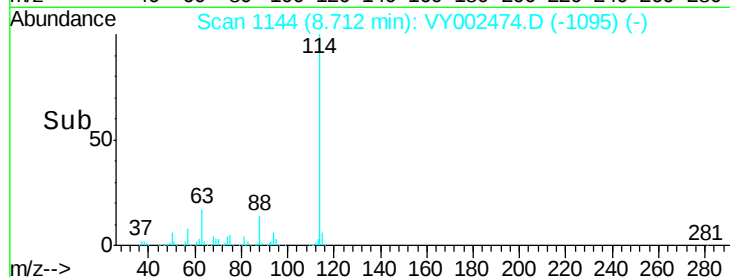
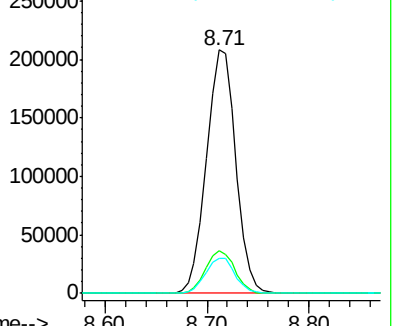
88 14.4 0.0 29.4



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: 52.407 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY002474.D

Acq: 23 Apr 2020 20:45

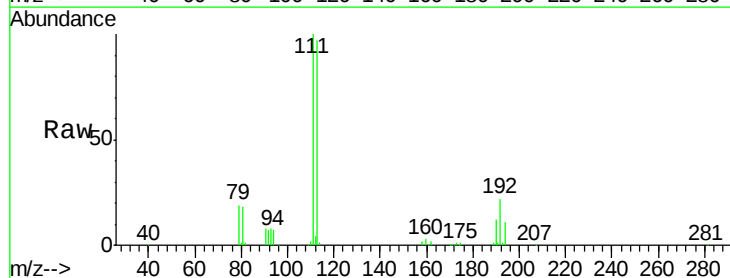
Tgt Ion:113 Resp: 122371

Ion Ratio Lower Upper

113 100

111 102.7 81.0 121.4

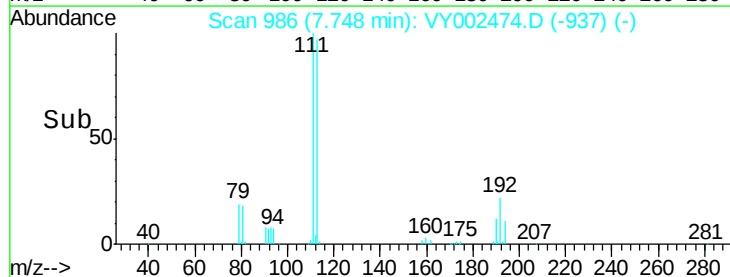
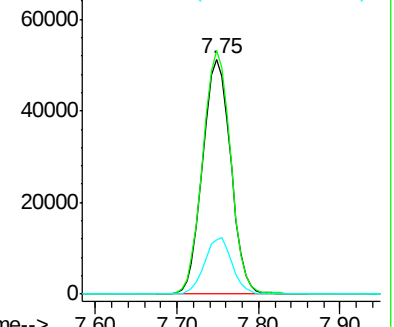
192 23.4 18.6 27.8

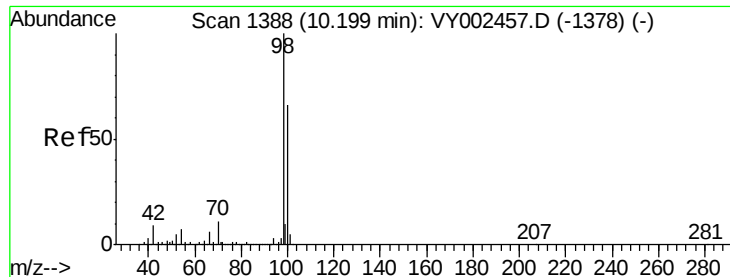


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.498 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VY002474.D

Acq: 23 Apr 2020 20:45

Instrument :

MSVOA_Y

ClientSampleId :

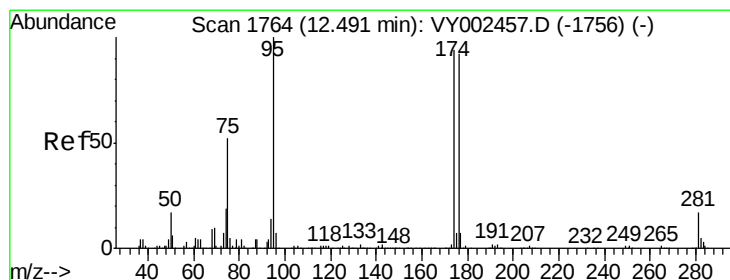
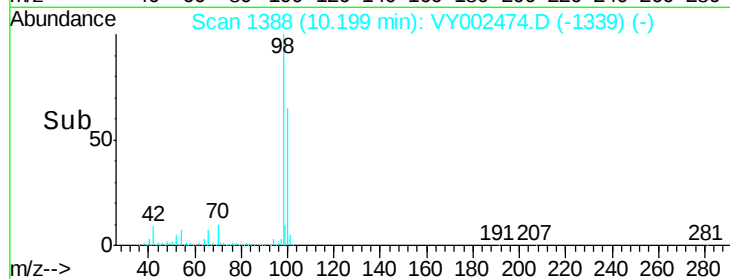
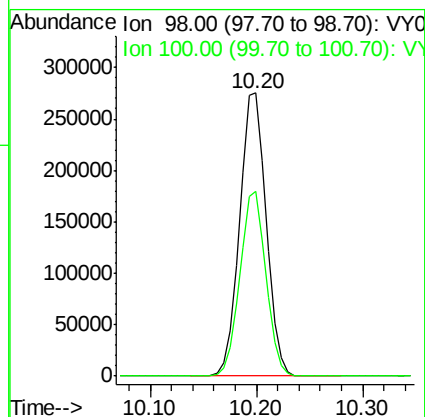
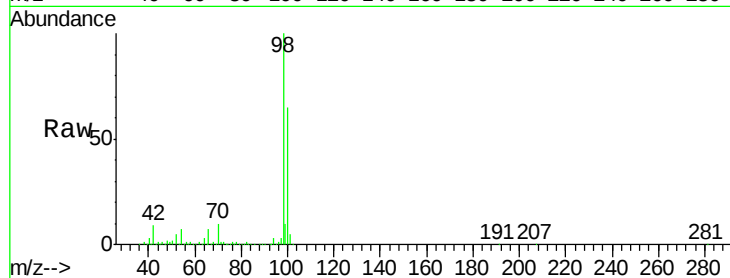
TP-19-(3-4)

Tot Ion: 98 Resp: 483302

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 49.238 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002474.D

Acq: 23 Apr 2020 20:45

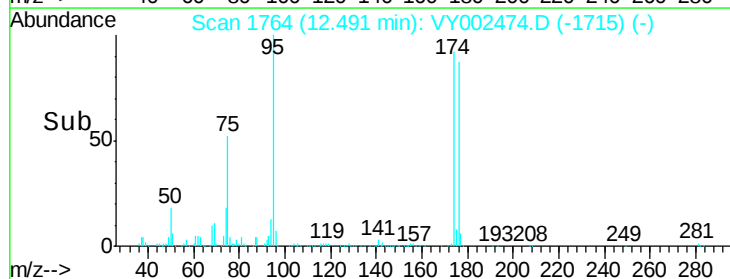
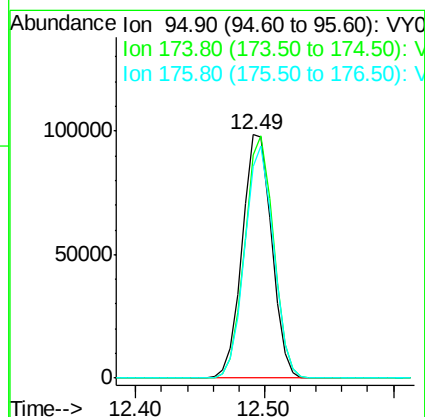
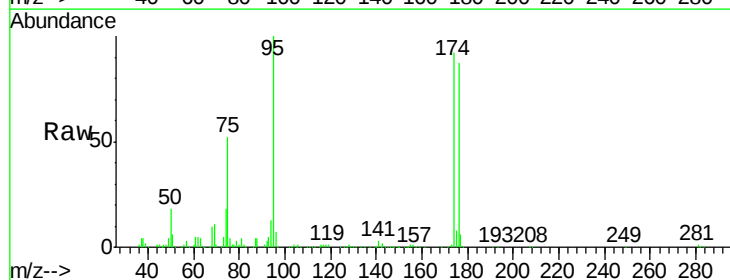
Tgt Ion: 95 Resp: 155051

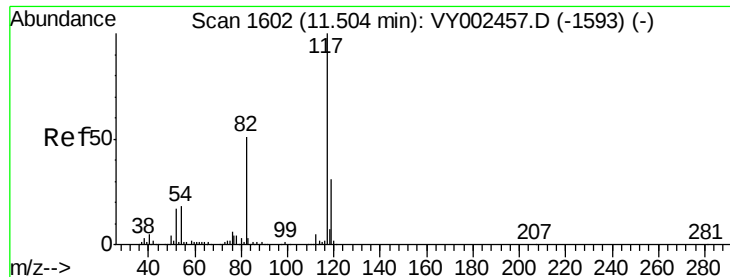
Ion Ratio Lower Upper

95 100

174 97.3 0.0 193.0

176 93.1 0.0 190.4

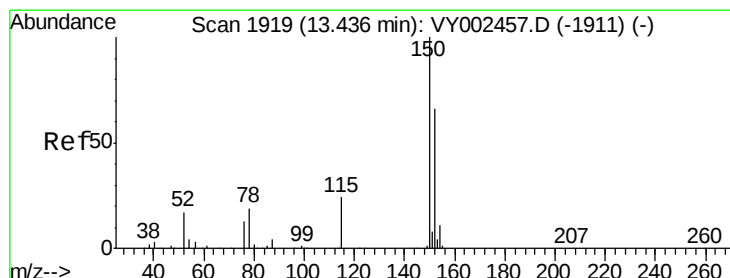
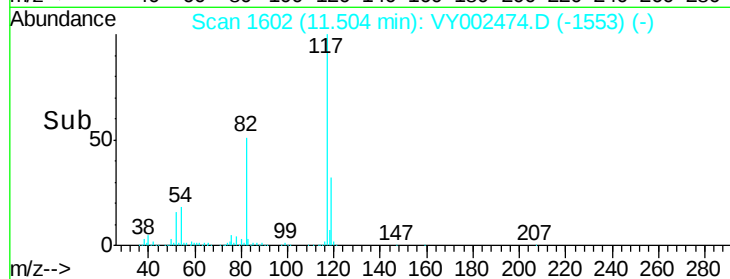
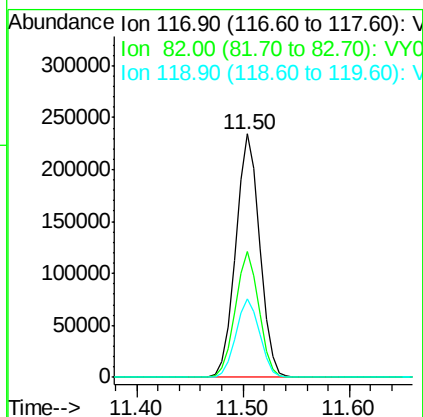
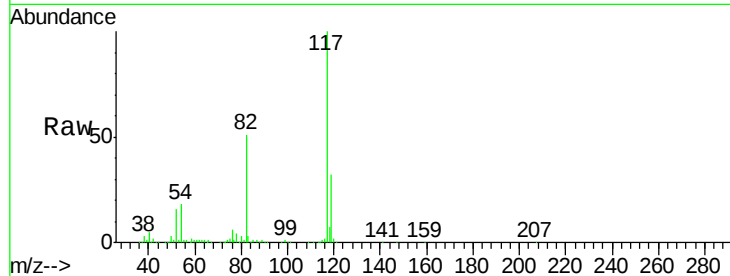




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002474.D
Acq: 23 Apr 2020 20:45

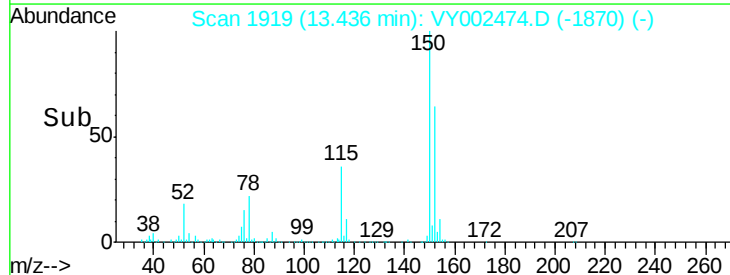
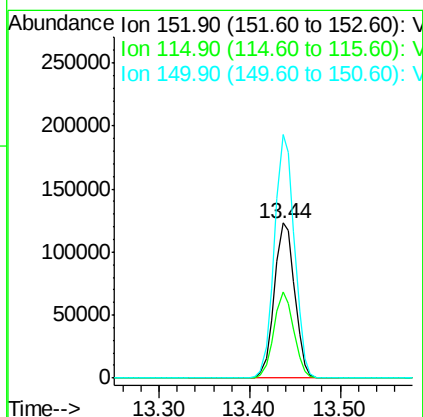
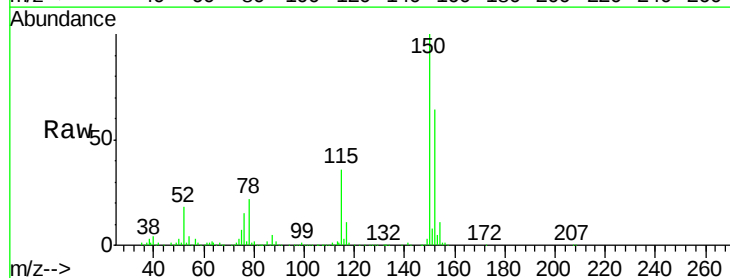
Instrument :
MSVOA_Y
ClientSampleId :
TP-19-(3-4)

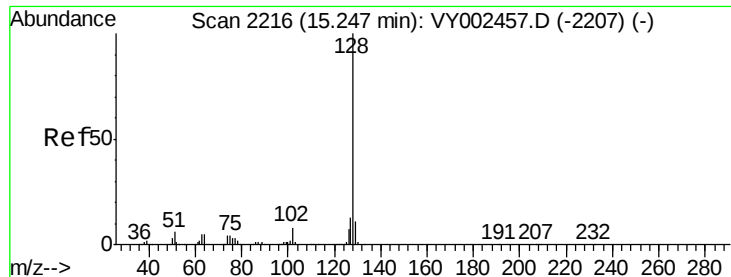
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	40.8	61.2
119	32.3	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002474.D
Acq: 23 Apr 2020 20:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.6	27.3	81.8
150	153.3	0.0	346.8





#95

Naphthalene

Concen: 6.948 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002474.D

Acq: 23 Apr 2020 20:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-19-(3-4)

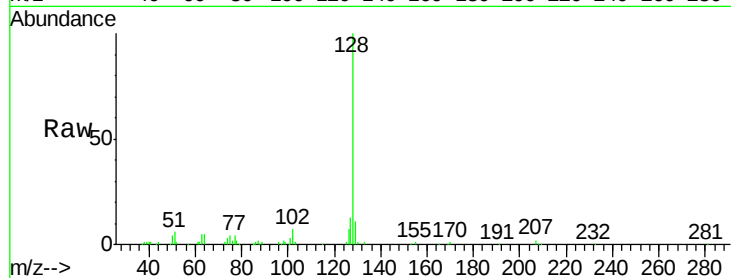
Tot Ion:128 Resp: 52283

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.4 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

