

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002147.D
 Acq On : 31 Mar 2020 20:27
 Operator : SY/MD
 Sample : L2089-03
 Misc : 7.16G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3J-(0-2)

Quant Time: Apr 01 06:41:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

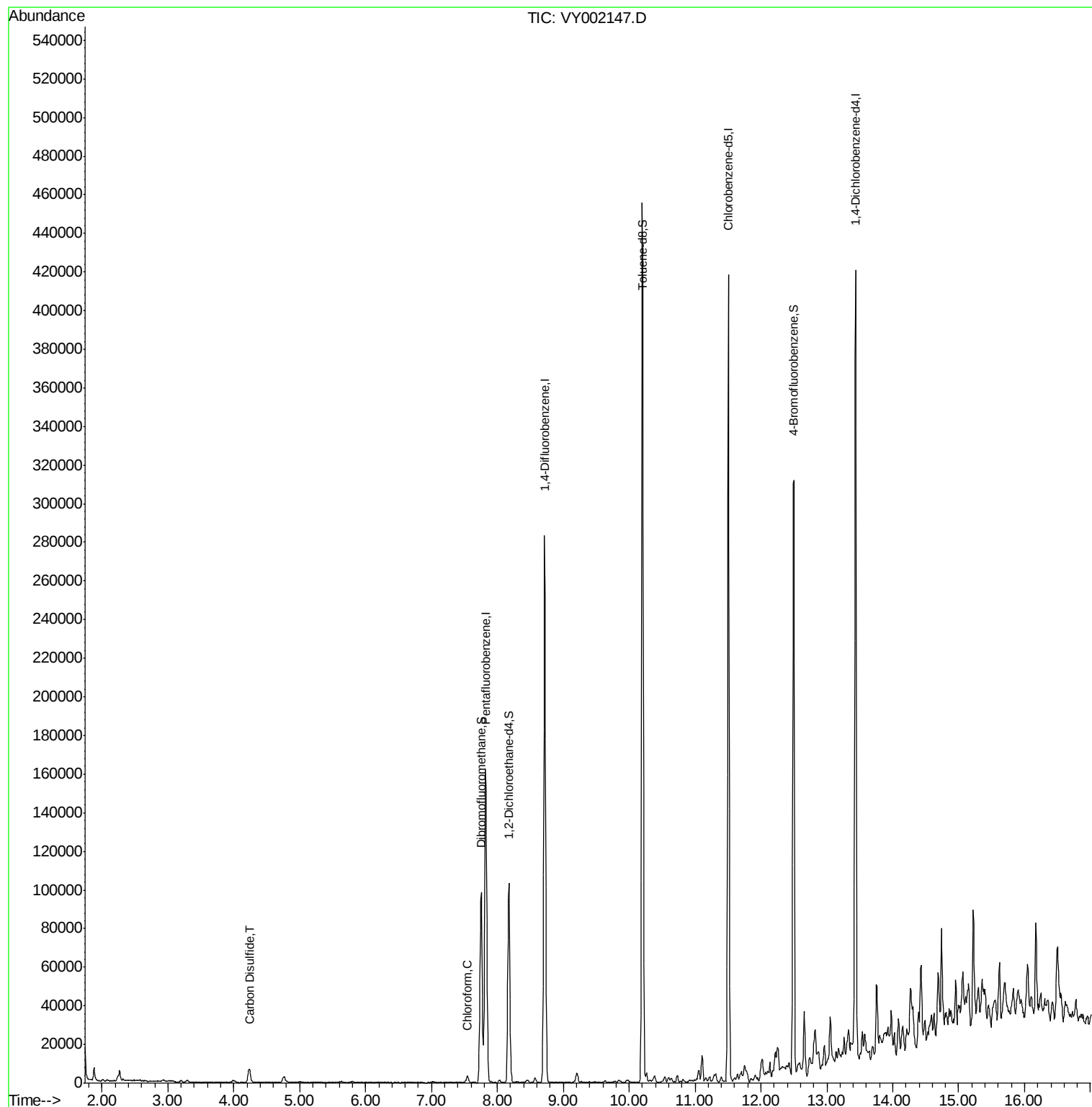
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	120479	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	237598	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	222929	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	98525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	75041	56.34	ug/l	0.01
Spiked Amount 50.000			Recovery	=	112.68%	
35) Dibromofluoromethane	7.75	113	70079	52.64	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.28%	
50) Toluene-d8	10.20	98	291175	52.65	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.49	95	102362	52.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.84%	
Target Compounds						
17) Carbon Disulfide	4.24	76	14312	3.299	ug/l	97
30) Chloroform	7.55	83	3067	1.243	ug/l	95

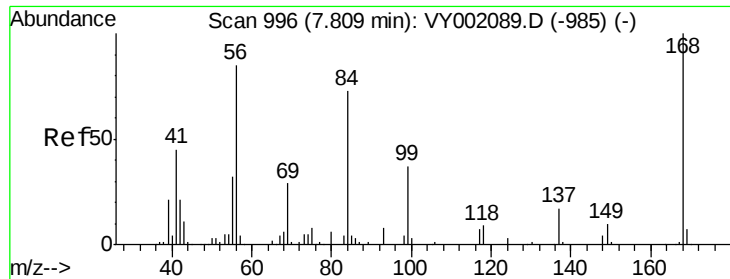
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002147.D

Acq: 31 Mar 2020 20:27

Instrument :

MSVOA_Y

ClientSampleId :

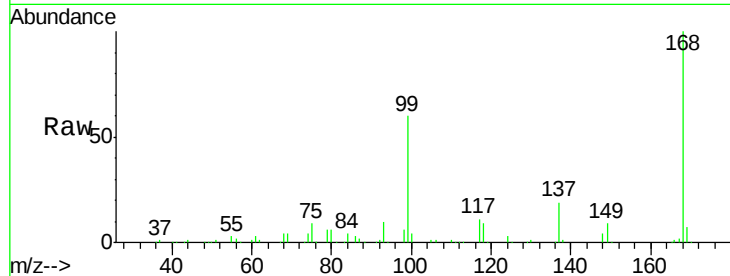
SB-3J-(0-2)

Tot Ion:168 Resp: 120479

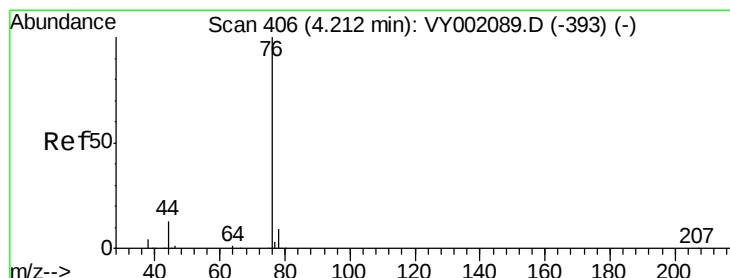
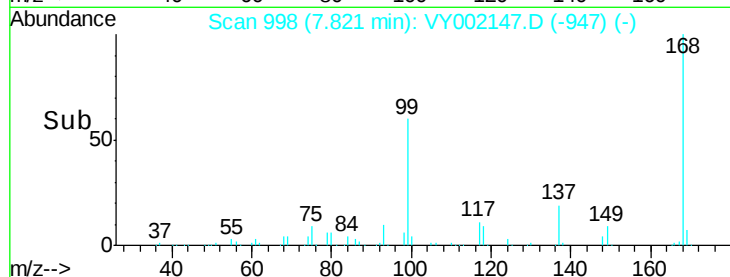
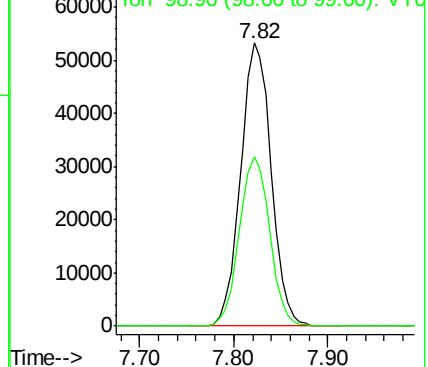
Ion Ratio Lower Upper

168 100

99 59.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002147.D (-947) (-)



#17

Carbon Disulfide

Concen: 3.299 ug/l

RT: 4.24 min Scan# 410

Delta R.T. 0.02 min

Lab File: VY002147.D

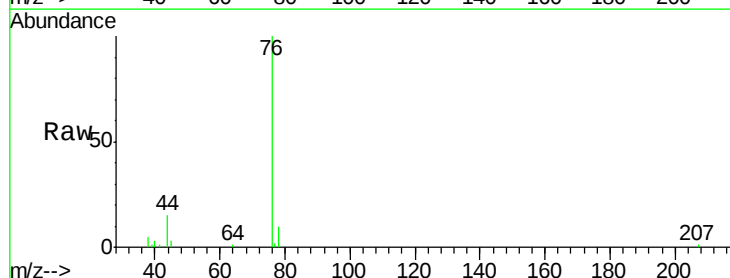
Acq: 31 Mar 2020 20:27

Tgt Ion: 76 Resp: 14312

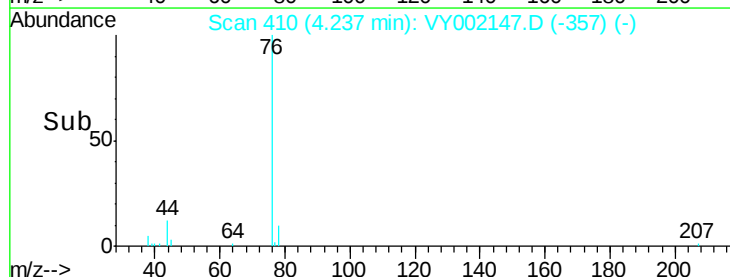
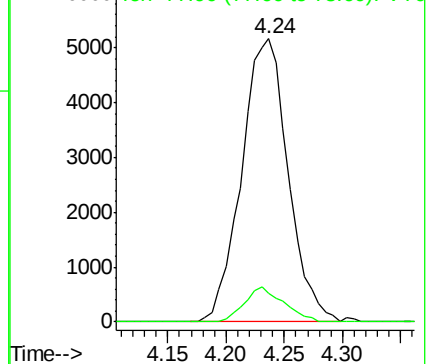
Ion Ratio Lower Upper

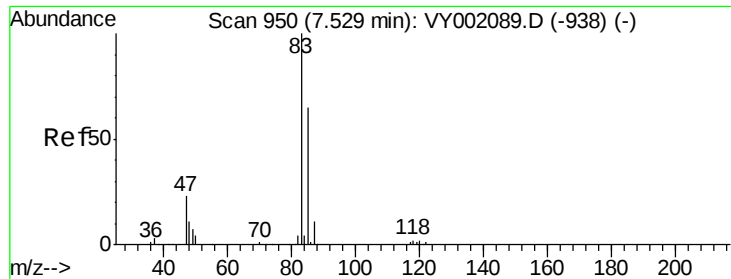
76 100

78 10.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY002147.D (-357) (-)

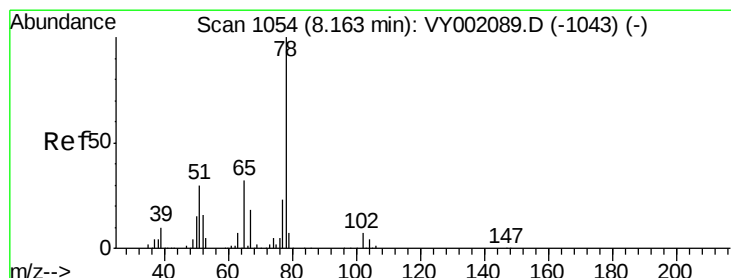
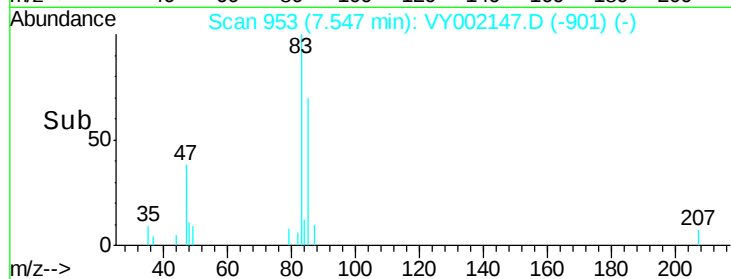
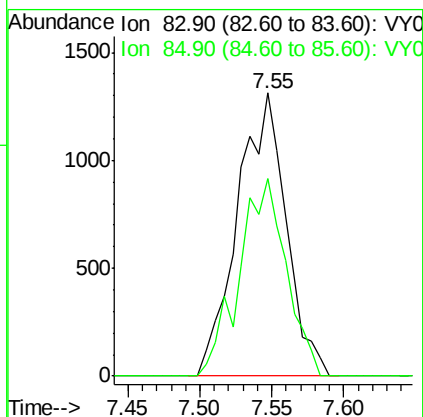
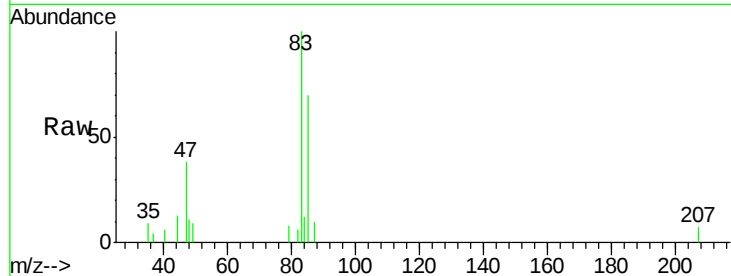




#30
Chloroform
Concen: 1.243 ug/l
RT: 7.55 min Scan# 953
Delta R.T. 0.02 min
Lab File: VY002147.D
Acq: 31 Mar 2020 20:27

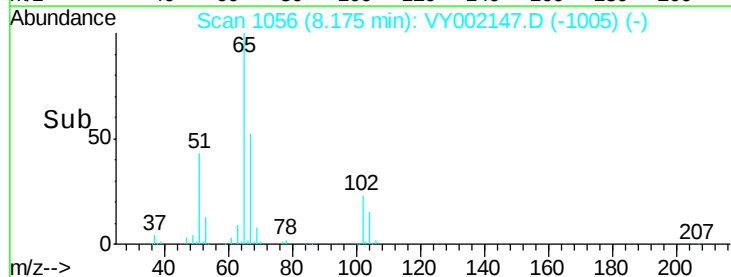
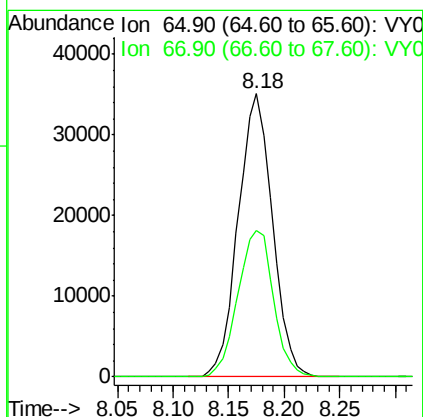
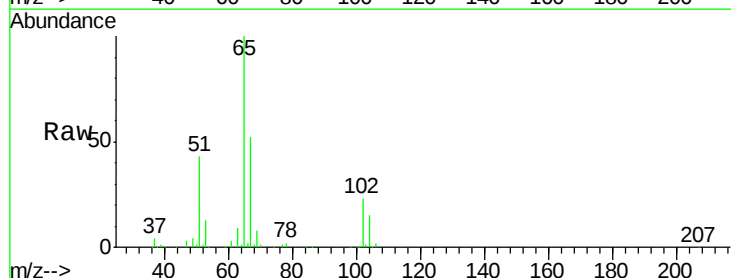
Instrument :
MSVOA_Y
ClientSampled :
SB-3J-(0-2)

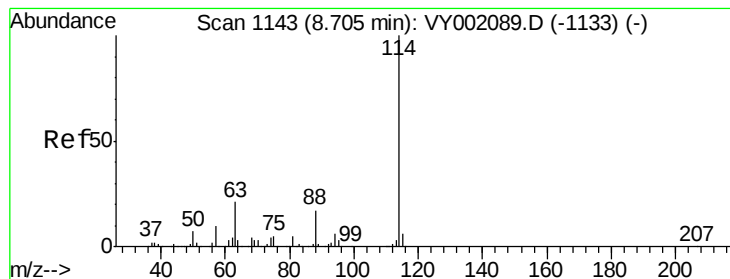
Tot Ion: 83 Resp: 3067
Ion Ratio Lower Upper
83 100
85 69.7 52.4 78.6



#33
1,2-Dichloroethane-d4
Concen: 56.343 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY002147.D
Acq: 31 Mar 2020 20:27

Tgt Ion: 65 Resp: 75041
Ion Ratio Lower Upper
65 100
67 53.7 0.0 112.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY002147.D

Acq: 31 Mar 2020 20:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-3J-(0-2)

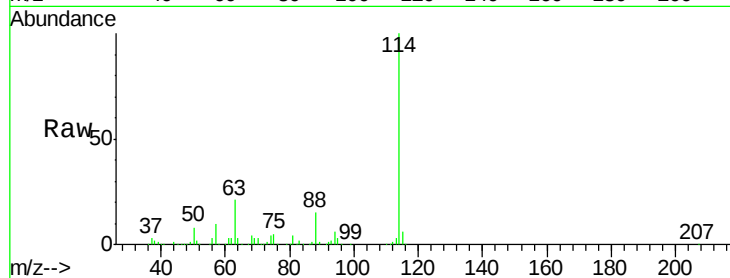
Tot Ion:114 Resp: 237598

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.4

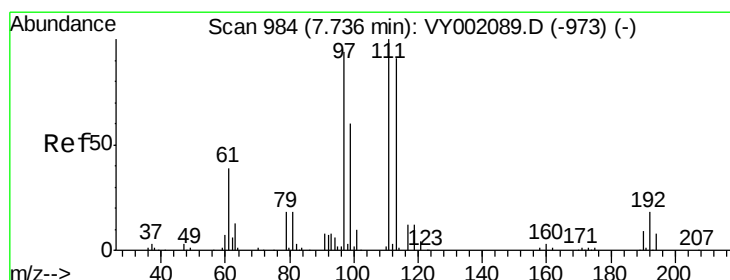
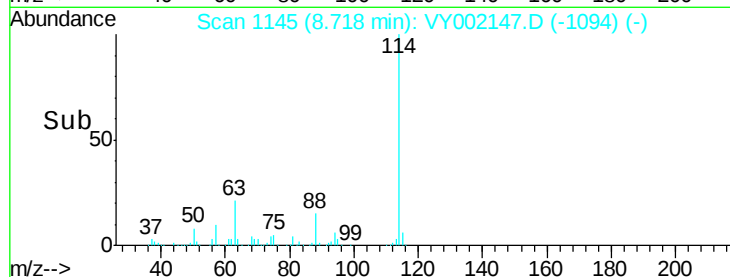
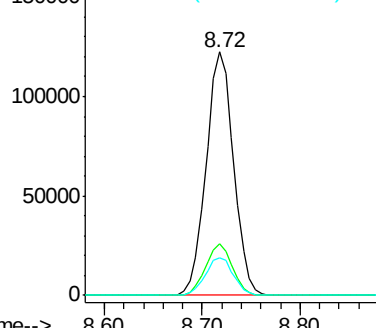
88 15.3 0.0 33.0



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: 52.640 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.02 min

Lab File: VY002147.D

Acq: 31 Mar 2020 20:27

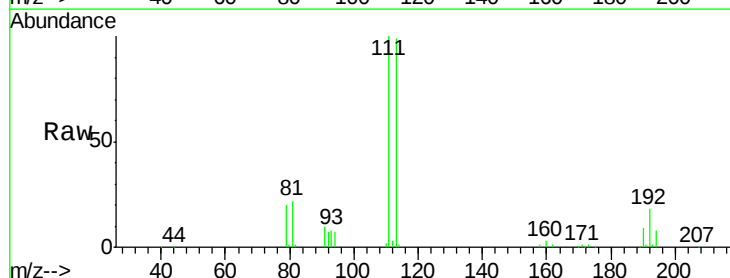
Tgt Ion:113 Resp: 70079

Ion Ratio Lower Upper

113 100

111 102.8 84.4 126.6

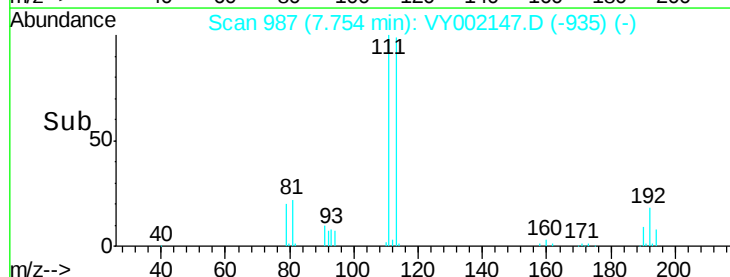
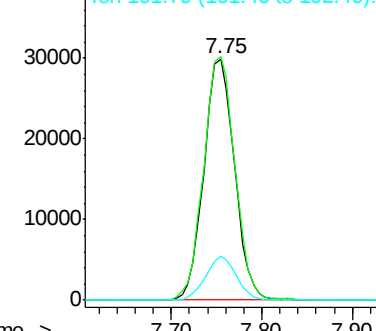
192 18.0 14.6 21.8

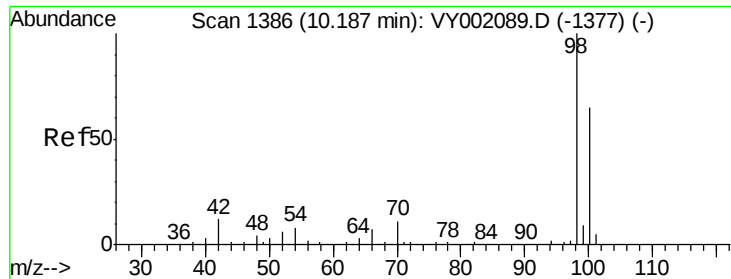


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.649 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002147.D

Acq: 31 Mar 2020 20:27

Instrument :

MSVOA_Y

ClientSampleId :

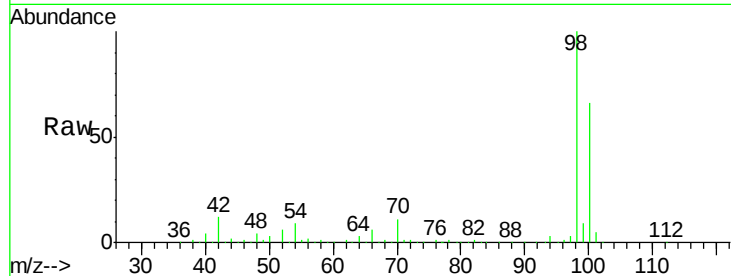
SB-3J-(0-2)

Tot Ion: 98 Resp: 291175

Ion Ratio Lower Upper

98 100

100 66.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002147.D (-1337) (-)

Ion 100.00 (99.70 to 100.70): VY002147.D (-1337) (-)

10.20

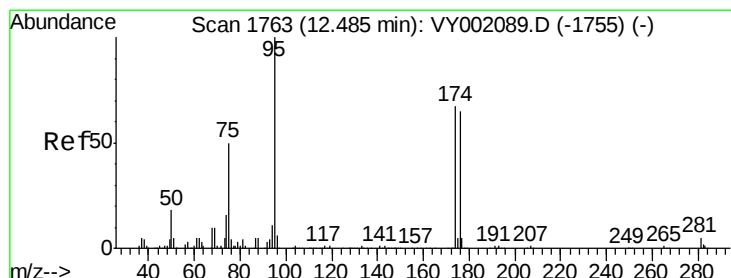
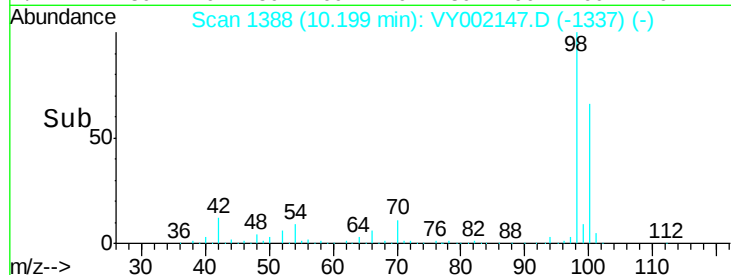
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.922 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002147.D

Acq: 31 Mar 2020 20:27

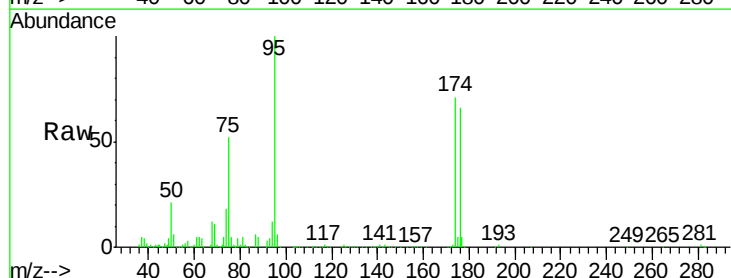
Tgt Ion: 95 Resp: 102362

Ion Ratio Lower Upper

95 100

174 72.3 0.0 143.4

176 68.9 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002147.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY002147.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY002147.D (-1714) (-)

12.49

80000

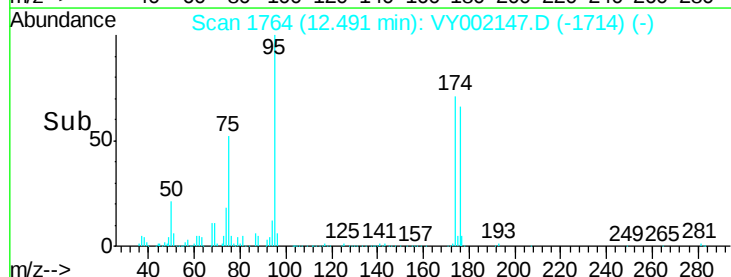
60000

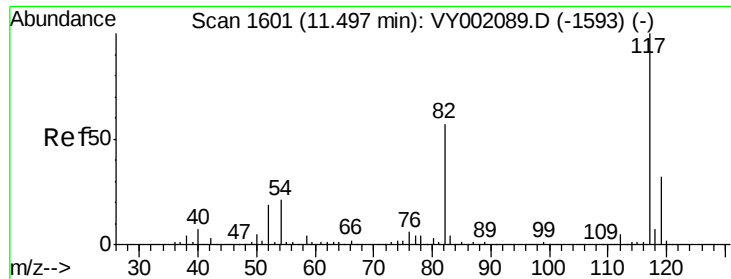
40000

20000

0

Time-->

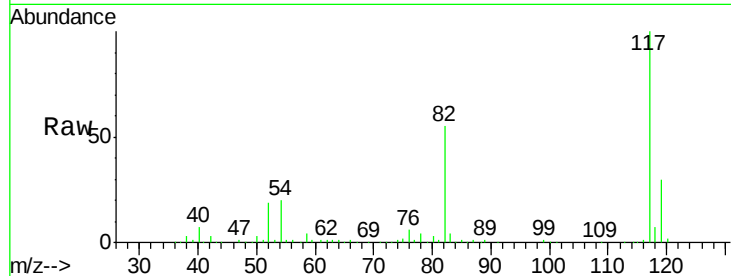




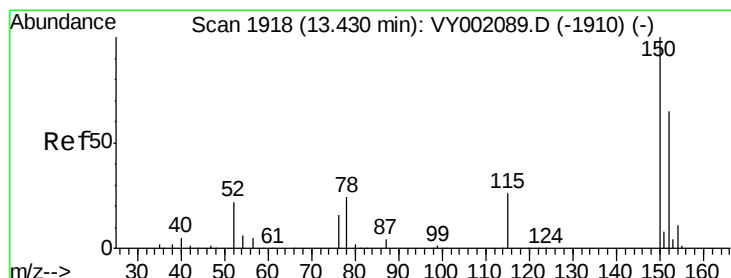
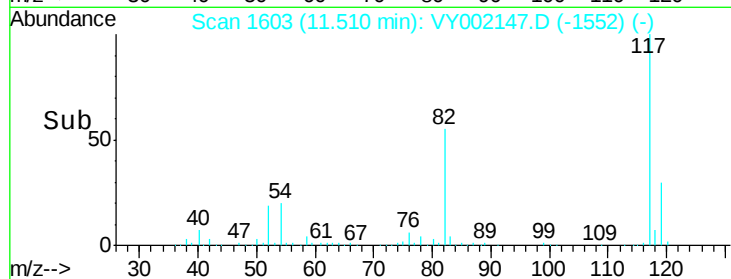
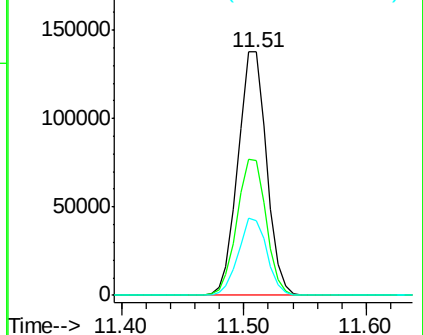
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY002147.D
Acq: 31 Mar 2020 20:27

Instrument :
MSVOA_Y
ClientSampleId :
SB-3J-(0-2)

Tot Ion:117 Resp: 222929
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.2
119 30.5 25.3 37.9

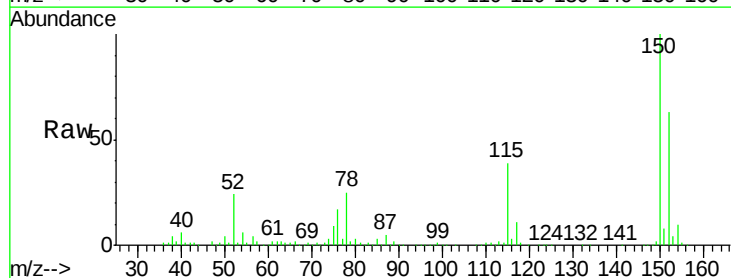


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002147.D
Acq: 31 Mar 2020 20:27

Tgt Ion:152 Resp: 98525
Ion Ratio Lower Upper
152 100
115 60.5 31.2 93.6
150 157.8 0.0 354.8



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

