

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002148.D
 Acq On : 31 Mar 2020 20:50
 Operator : SY/MD
 Sample : L2089-04
 Misc : 7.30G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3J-(5-7)

Quant Time: Apr 01 06:45:49 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

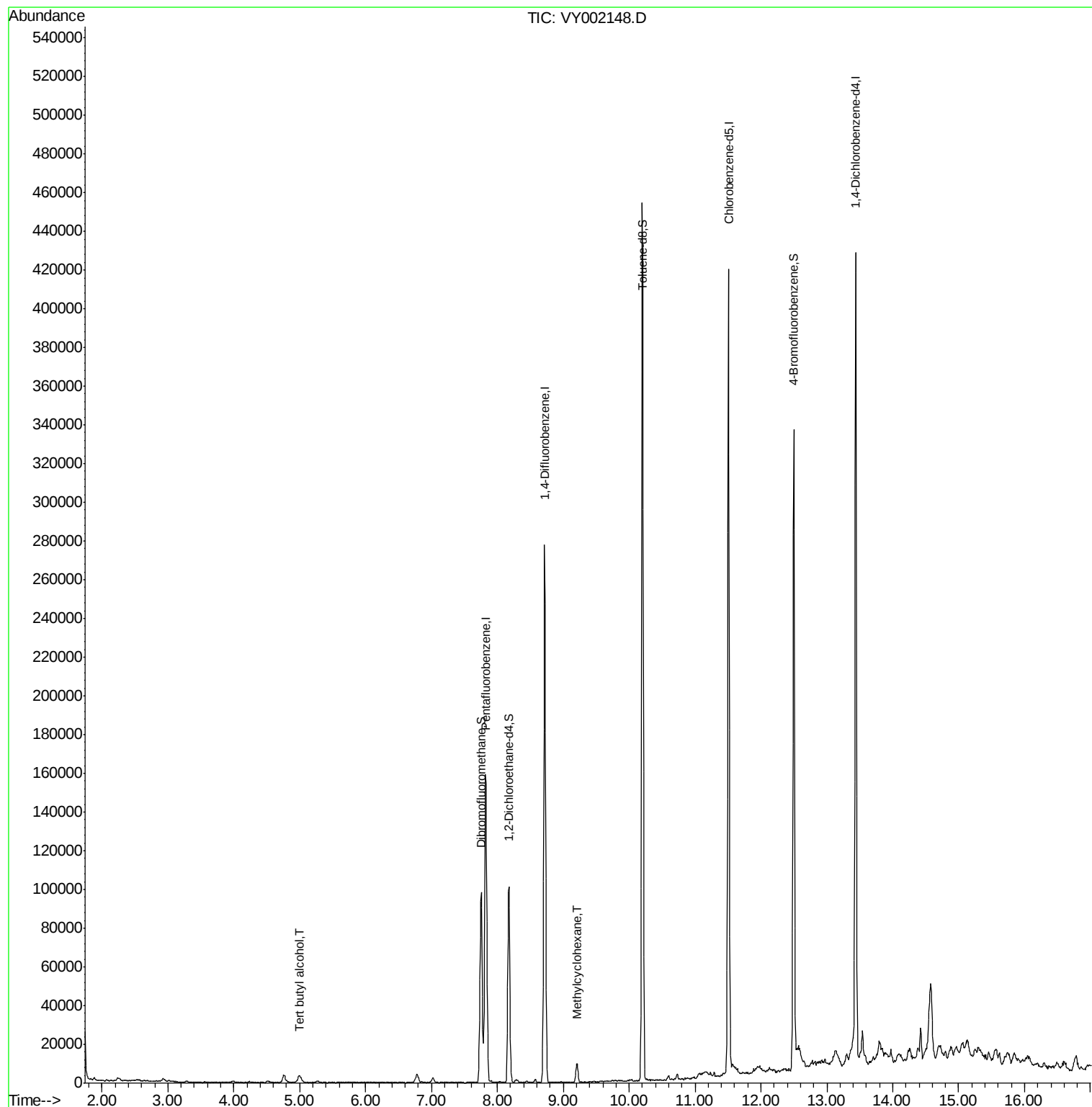
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	117231	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	236338	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.51	117	224978	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	101751	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	76056	58.69	ug/l	0.01
Spiked Amount 50.000			Recovery	=	117.38%	
35) Dibromofluoromethane	7.75	113	71282	53.83	ug/l	0.02
Spiked Amount 50.000			Recovery	=	107.66%	
50) Toluene-d8	10.20	98	295341	53.69	ug/l	0.01
Spiked Amount 50.000			Recovery	=	107.38%	
62) 4-Bromofluorobenzene	12.50	95	103423	53.76	ug/l	0.01
Spiked Amount 50.000			Recovery	=	107.52%	
Target Compounds						
11) Tert butyl alcohol	4.99	59	8006	52.422	ug/l #	88
39) Methylcyclohexane	9.21	83	4112	1.402	ug/l	90

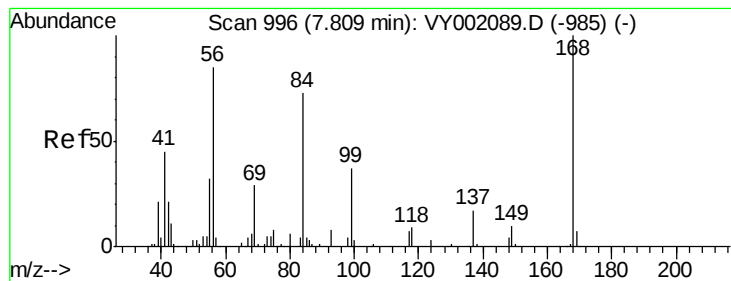
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002148.D

Acq: 31 Mar 2020 20:50

Instrument :

MSVOA_Y

ClientSampleId :

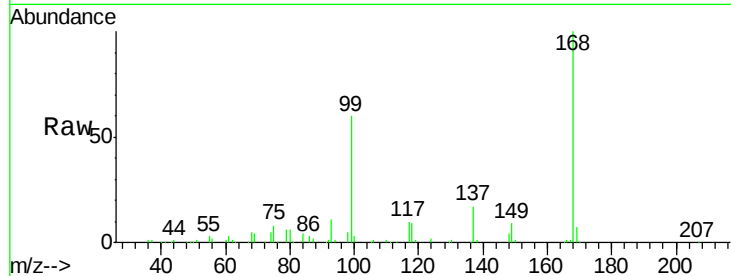
SB-3J-(5-7)

Tot Ion:168 Resp: 117231

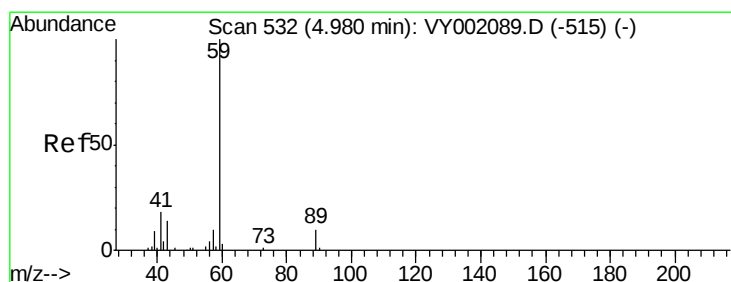
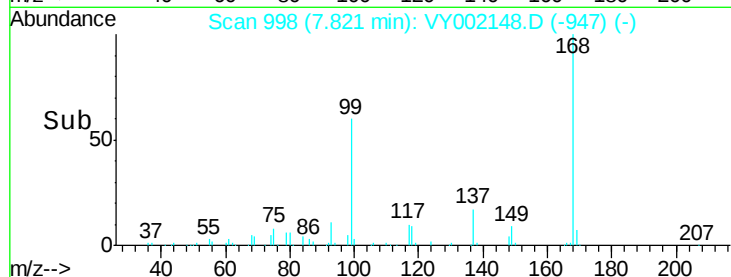
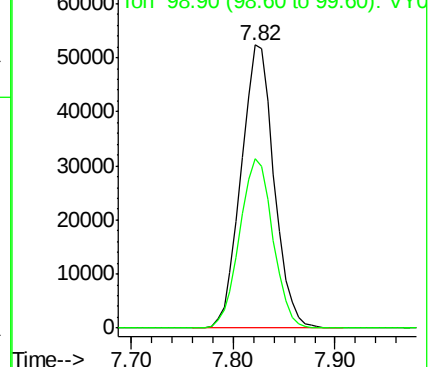
Ion Ratio Lower Upper

168 100

99 59.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002148.D (-947) (-)



#11

Tert butyl alcohol

Concen: 52.422 ug/l

RT: 4.99 min Scan# 534

Delta R.T. 0.01 min

Lab File: VY002148.D

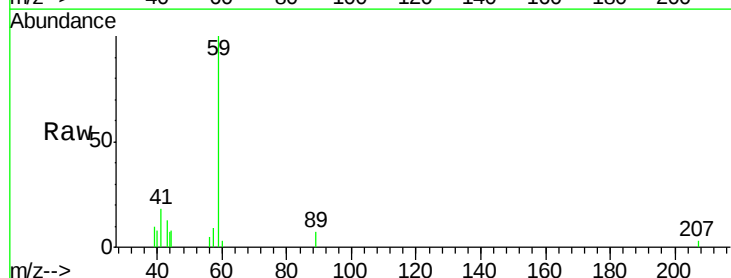
Acq: 31 Mar 2020 20:50

Tgt Ion: 59 Resp: 8006

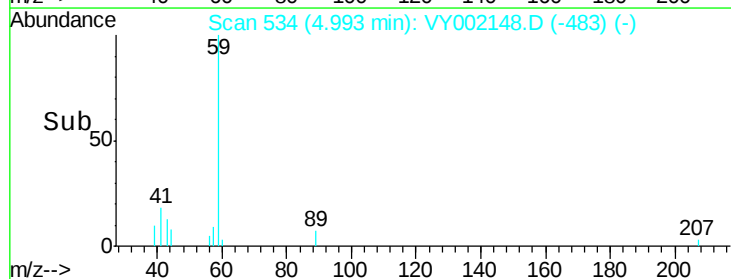
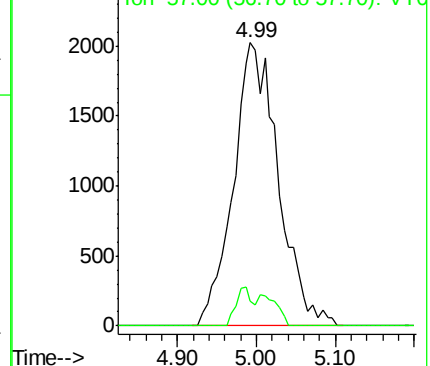
Ion Ratio Lower Upper

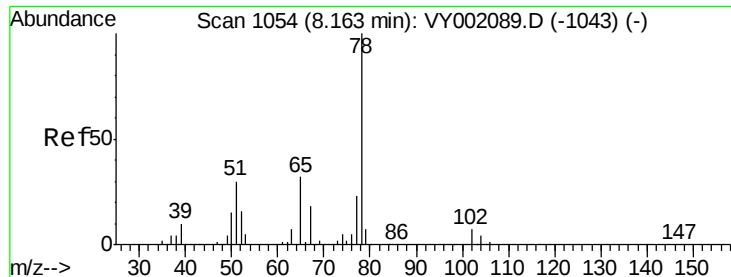
59 100

57 5.0 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VY002148.D (-483) (-)

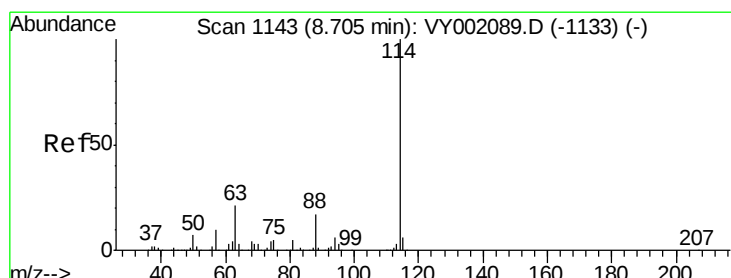
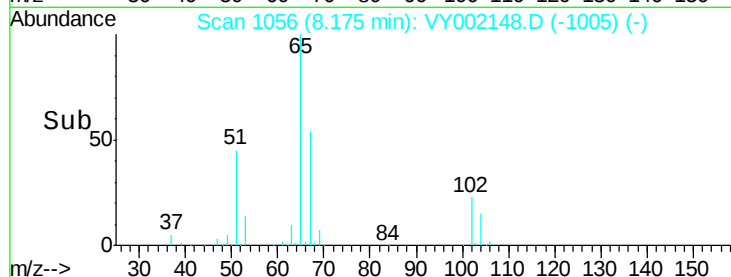
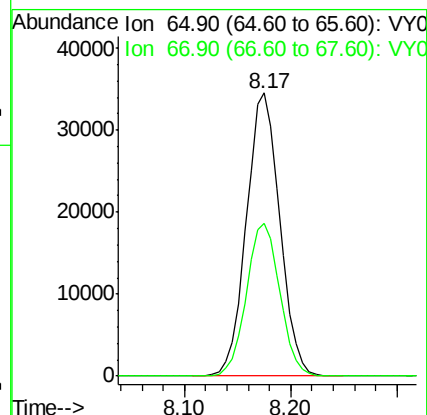
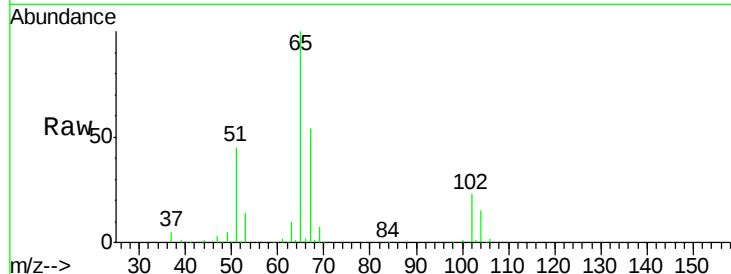




#33
 1,2-Dichloroethane-d4
 Concen: 58.687 ug/l
 RT: 8.17 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY002148.D
 Acq: 31 Mar 2020 20:50

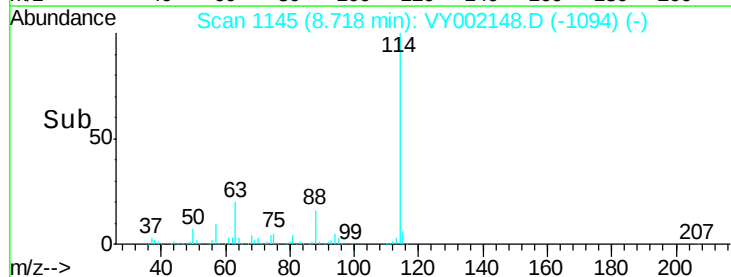
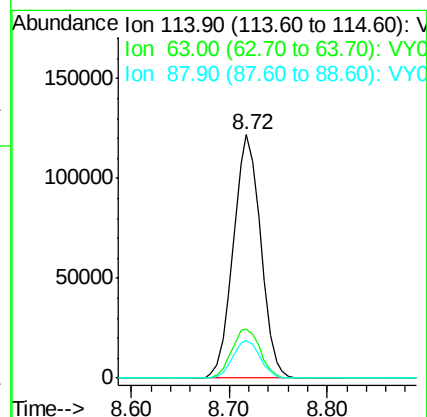
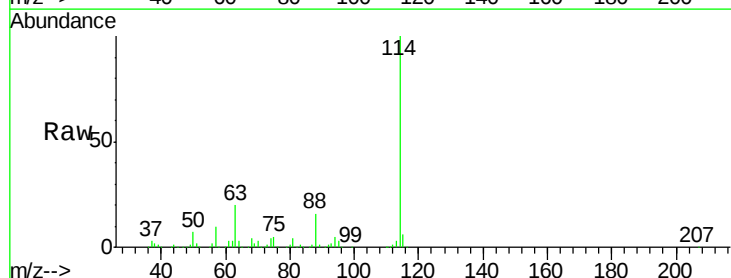
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3J-(5-7)

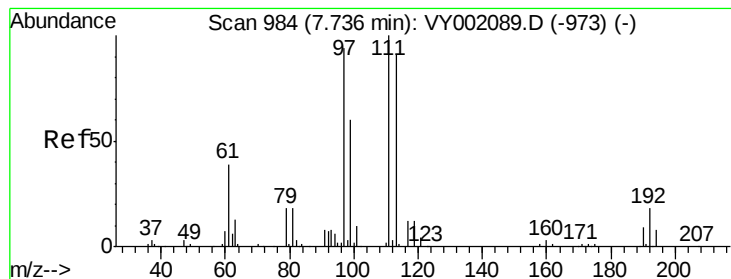
Tot Ion: 65 Resp: 76056
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY002148.D
 Acq: 31 Mar 2020 20:50

Tgt Ion: 114 Resp: 236338
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.829 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.02 min

Lab File: VY002148.D

Acq: 31 Mar 2020 20:50

Instrument :

MSVOA_Y

ClientSampleId :

SB-3J-(5-7)

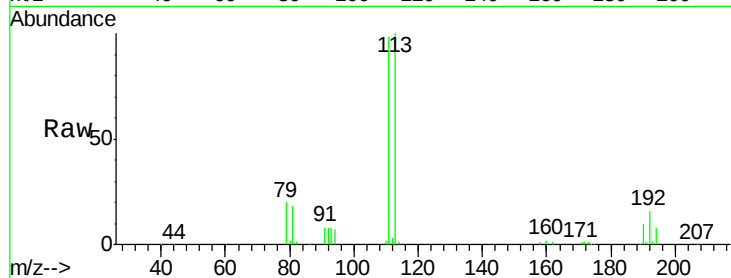
Tot Ion:113 Resp: 71282

Ion Ratio Lower Upper

113 100

111 101.8 84.4 126.6

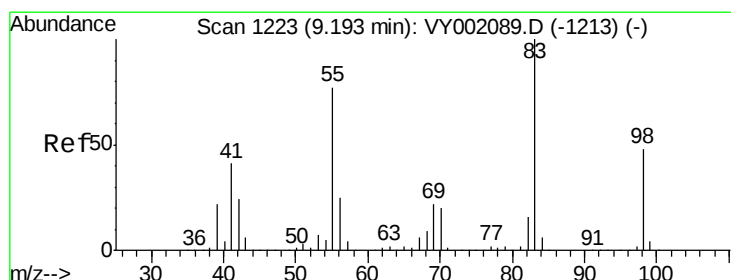
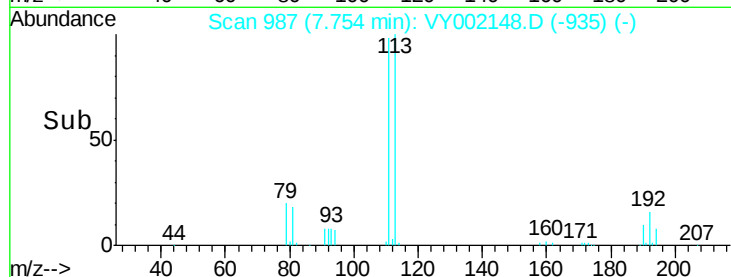
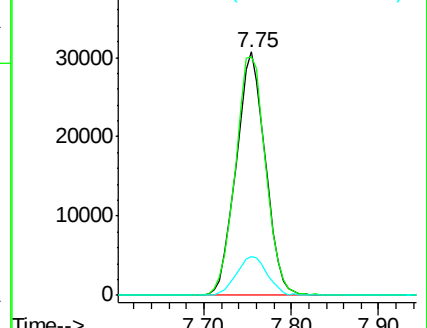
192 16.8 14.6 21.8



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



#39

Methylcyclohexane

Concen: 1.402 ug/l

RT: 9.21 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VY002148.D

Acq: 31 Mar 2020 20:50

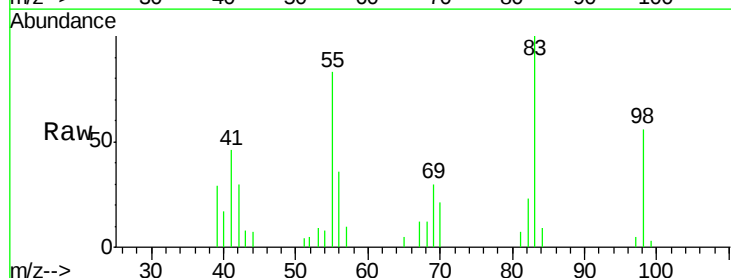
Tgt Ion: 83 Resp: 4112

Ion Ratio Lower Upper

83 100

55 83.5 61.2 91.8

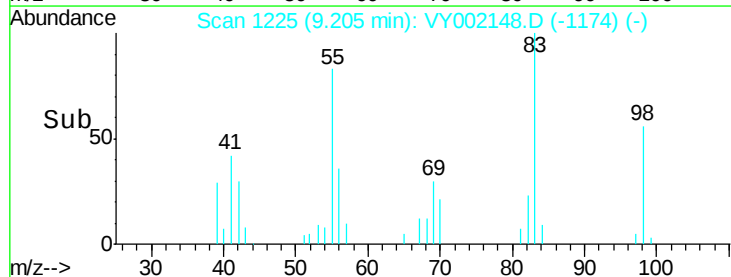
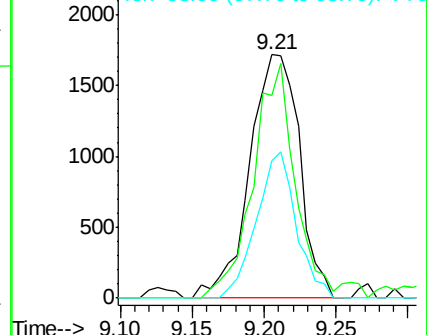
98 56.3 38.2 57.2

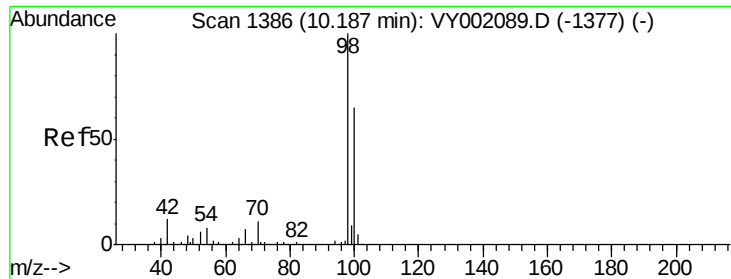


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#50

Toluene-d8

Concen: 53.687 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY002148.D

Acq: 31 Mar 2020 20:50

Instrument :

MSVOA_Y

ClientSampleId :

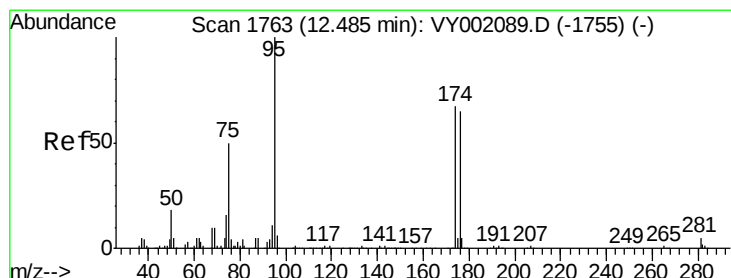
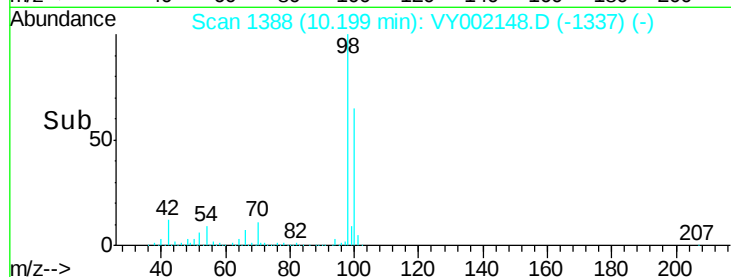
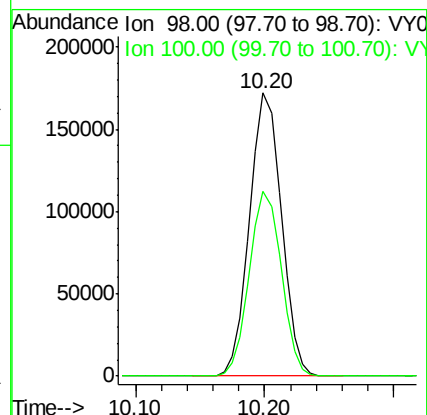
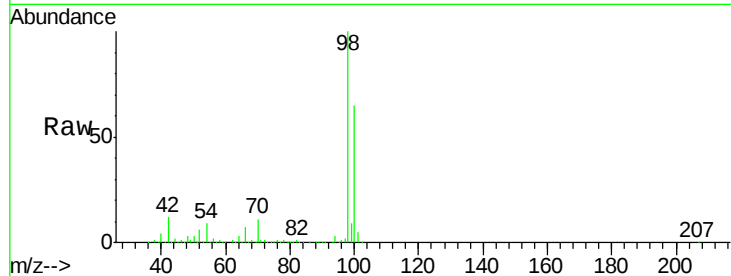
SB-3J-(5-7)

Tot Ion: 98 Resp: 295341

Ion Ratio Lower Upper

98 100

100 65.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 53.755 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY002148.D

Acq: 31 Mar 2020 20:50

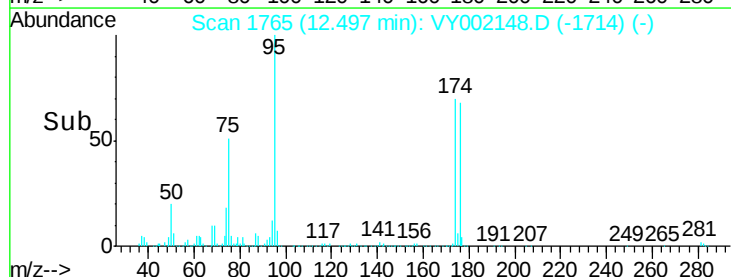
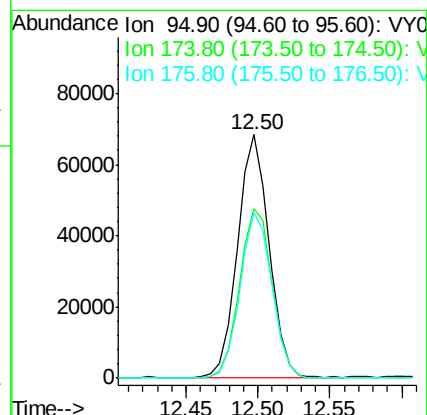
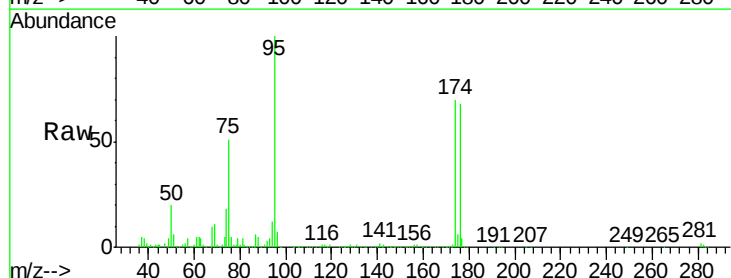
Tgt Ion: 95 Resp: 103423

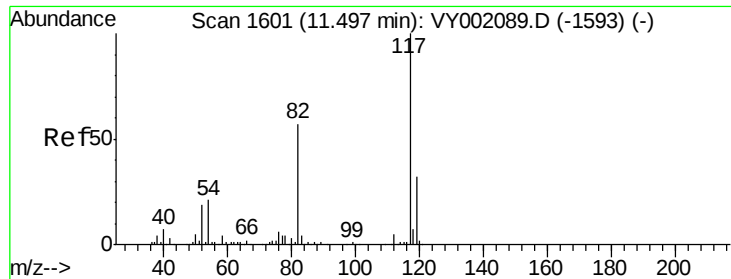
Ion Ratio Lower Upper

95 100

174 72.9 0.0 143.4

176 69.4 0.0 137.0

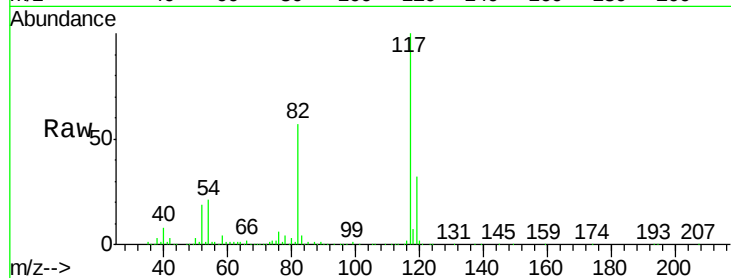




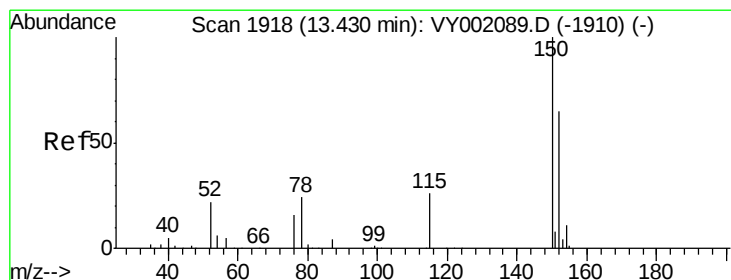
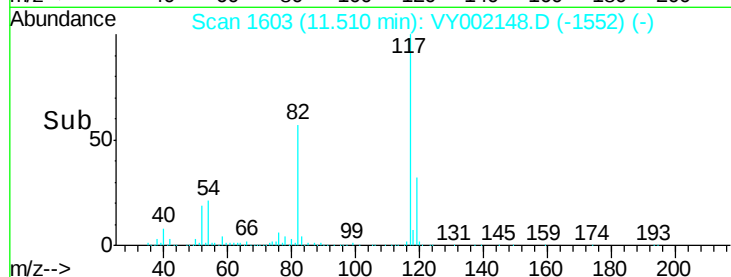
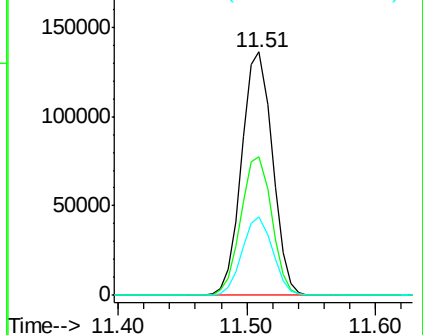
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY002148.D
Acq: 31 Mar 2020 20:50

Instrument :
MSVOA_Y
ClientSampleId :
SB-3J-(5-7)

Tot Ion:117 Resp: 224978
Ion Ratio Lower Upper
117 100
82 56.7 45.4 68.2
119 32.3 25.3 37.9

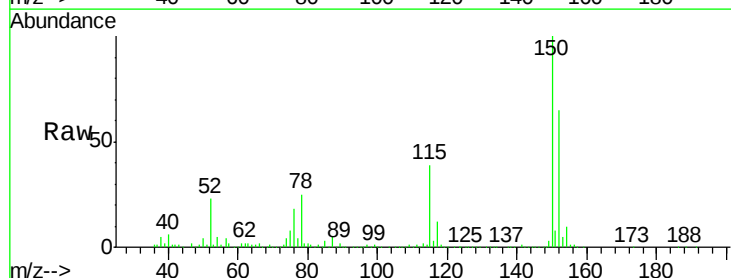


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY002148.D
Acq: 31 Mar 2020 20:50

Tgt Ion:152 Resp: 101751
Ion Ratio Lower Upper
152 100
115 61.8 31.2 93.6
150 156.2 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

