

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031620\
 Data File : VY001981.D
 Acq On : 16 Mar 2020 14:30
 Operator : SY/MD
 Sample : L1943-01
 Misc : 7.19G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8(4-5)

Quant Time: Mar 17 08:46:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

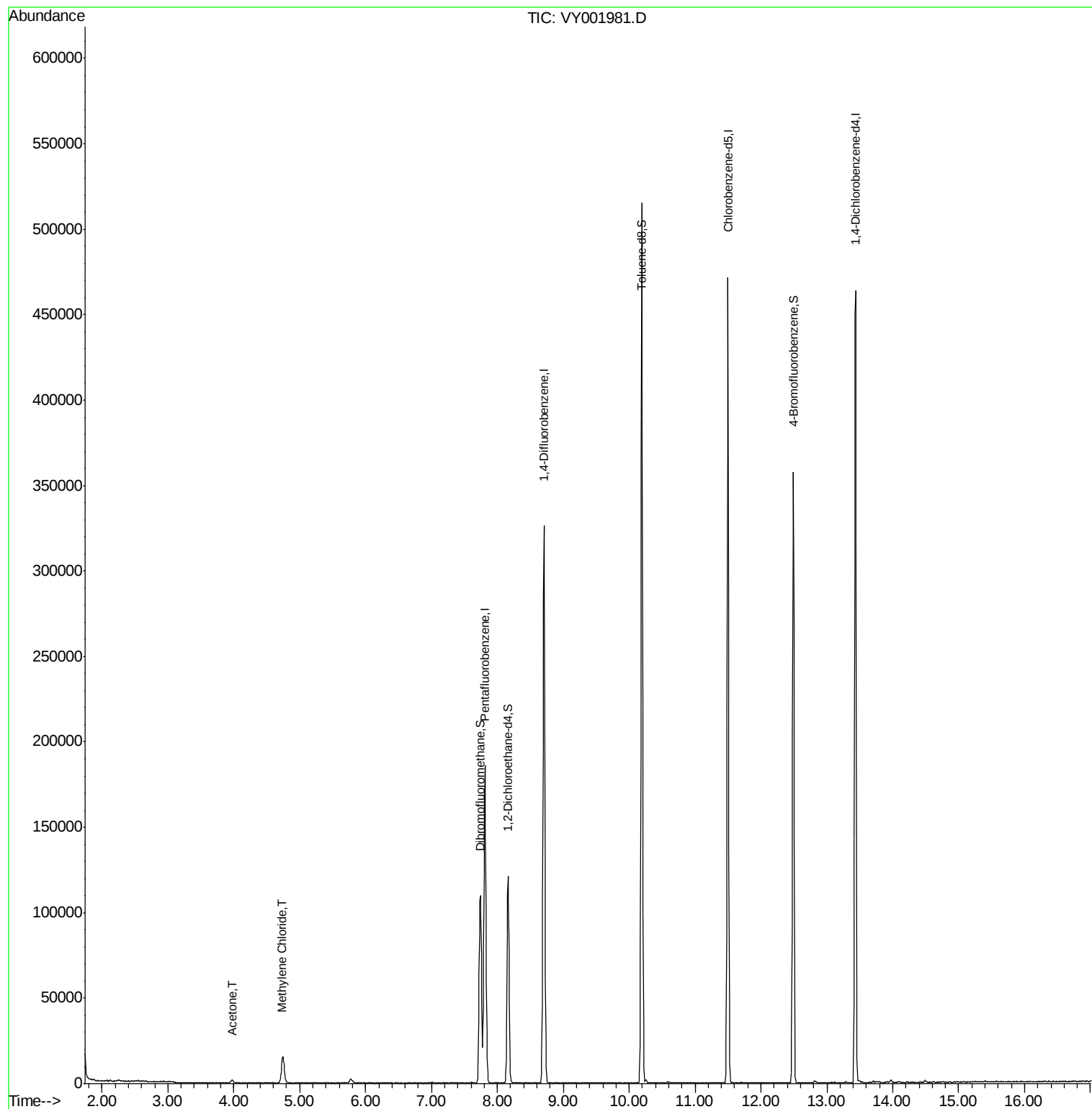
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	141340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	274291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	252622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	113214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86755	57.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.00%	
35) Dibromofluoromethane	7.74	113	80673	53.86	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.72%	
50) Toluene-d8	10.19	98	333480	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
62) 4-Bromofluorobenzene	12.49	95	114124	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
Target Compounds						
16) Acetone	3.98	43	3624	8.246	ug/l	90
20) Methylene Chloride	4.74	84	11732	6.229	ug/l	97

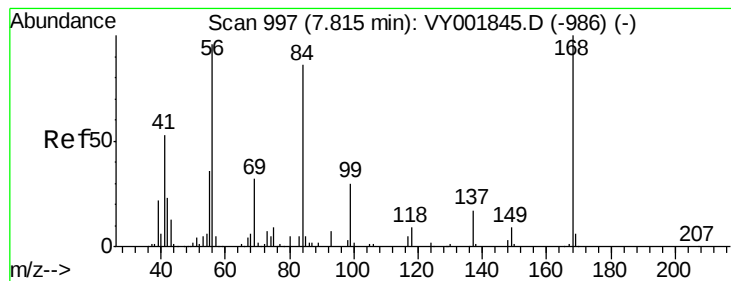
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001981.D

Acq: 16 Mar 2020 14:30

Instrument :

MSVOA_Y

ClientSampleId :

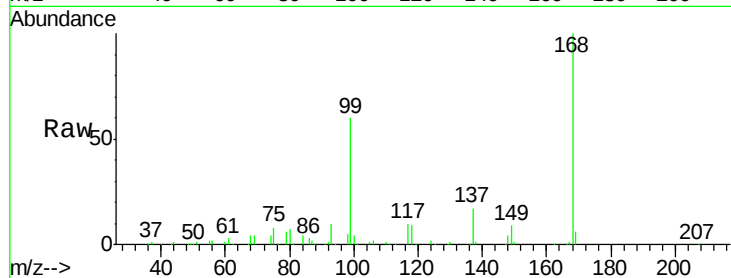
TP-8(4-5)

Tot Ion:168 Resp: 141340

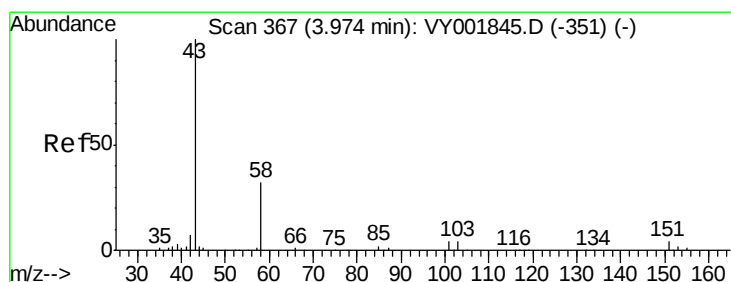
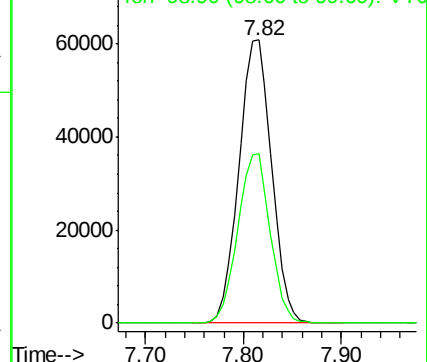
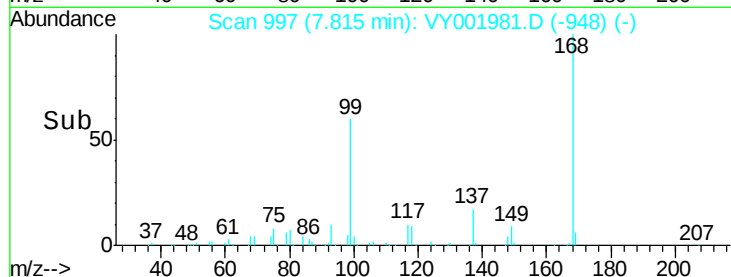
Ion Ratio Lower Upper

168 100

99 60.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001981.D (-948) (-)



#16

Acetone

Concen: 8.246 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001981.D

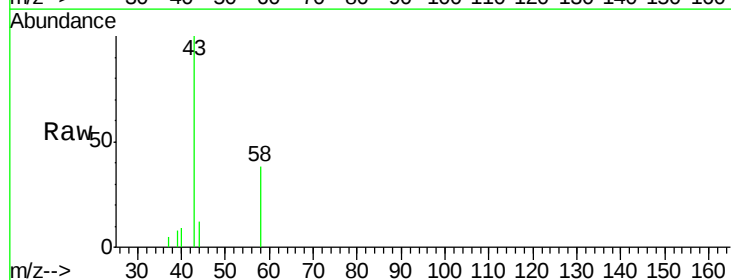
Acq: 16 Mar 2020 14:30

Tgt Ion: 43 Resp: 3624

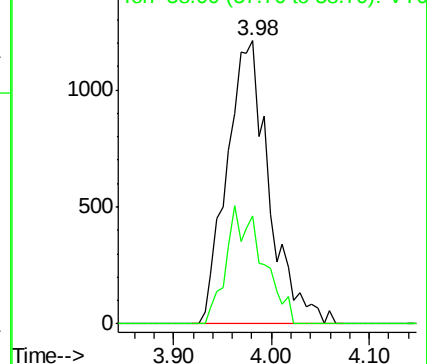
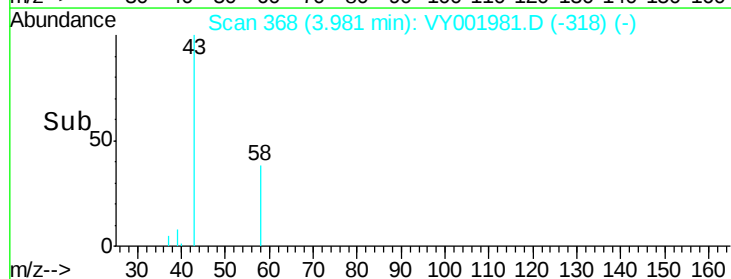
Ion Ratio Lower Upper

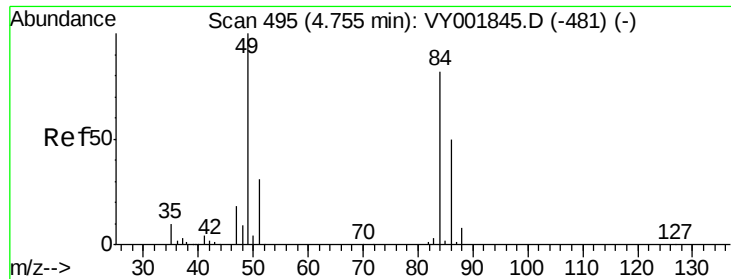
43 100

58 38.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001981.D (-318) (-)

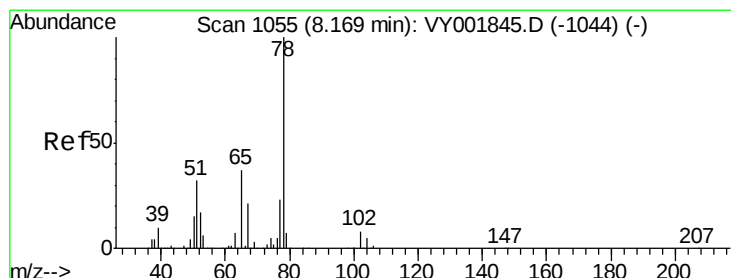
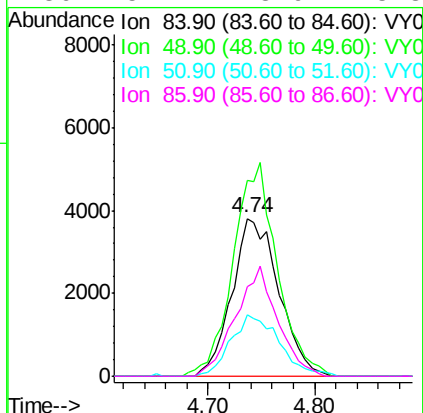
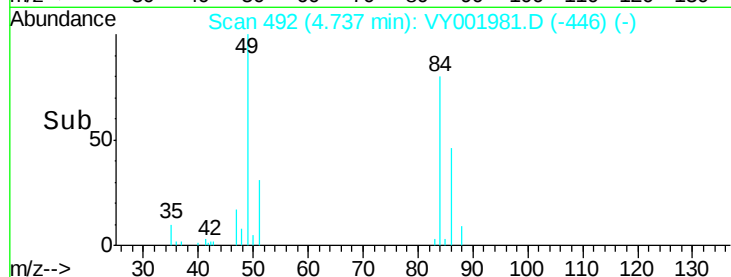
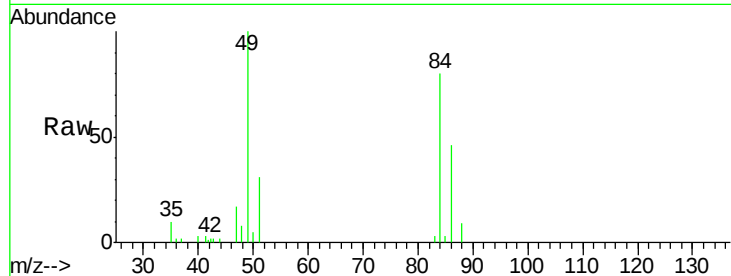




#20
Methvlene Chloride
Concen: 6.229 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.02 min
Lab File: VY001981.D
Acq: 16 Mar 2020 14:30

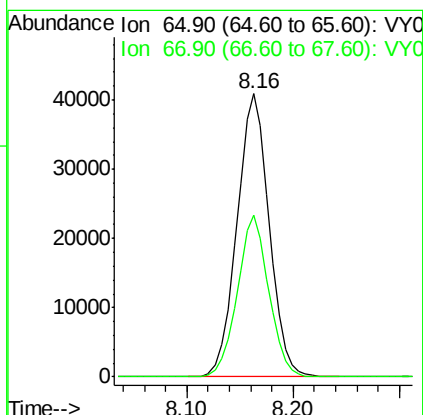
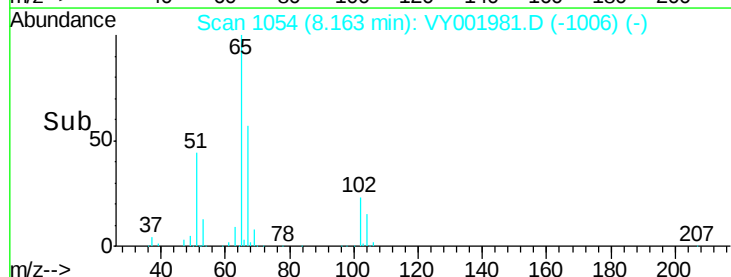
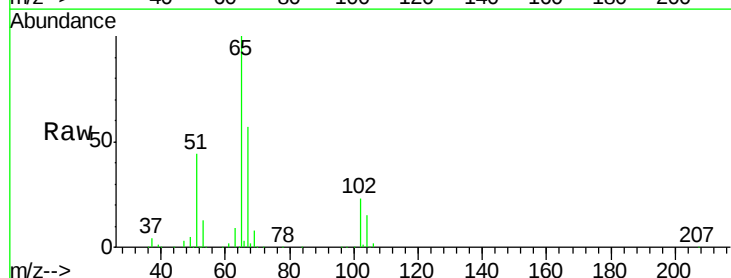
Instrument :
MSVOA_Y
ClientSampleId :
TP-8(4-5)

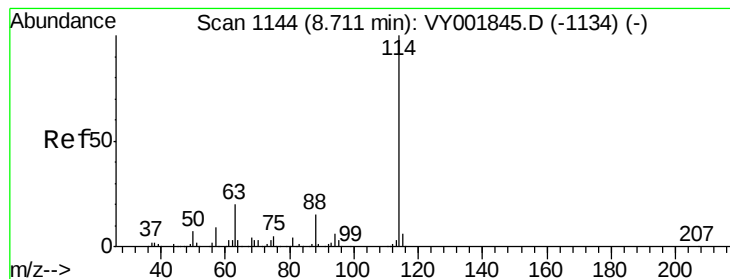
Tot Ion: 84 Resp: 11732
Ion Ratio Lower Upper
84 100
49 124.3 98.2 147.2
51 38.9 30.2 45.2
86 57.1 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 57.496 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001981.D
Acq: 16 Mar 2020 14:30

Tgt Ion: 65 Resp: 86755
Ion Ratio Lower Upper
65 100
67 55.6 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001981.D

Acq: 16 Mar 2020 14:30

Instrument :

MSVOA_Y

ClientSampleId :

TP-8(4-5)

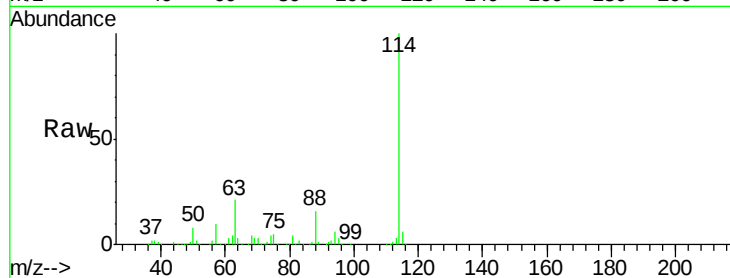
Tot Ion:114 Resp: 274291

Ion Ratio Lower Upper

114 100

63 21.5 0.0 39.4

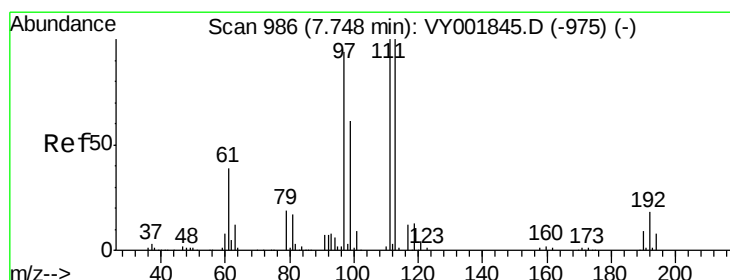
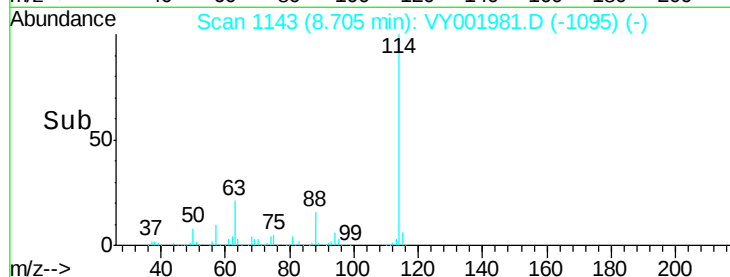
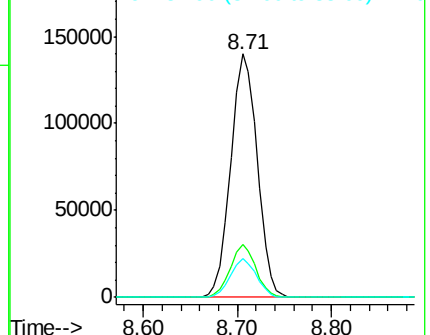
88 16.1 0.0 30.4



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: 53.863 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001981.D

Acq: 16 Mar 2020 14:30

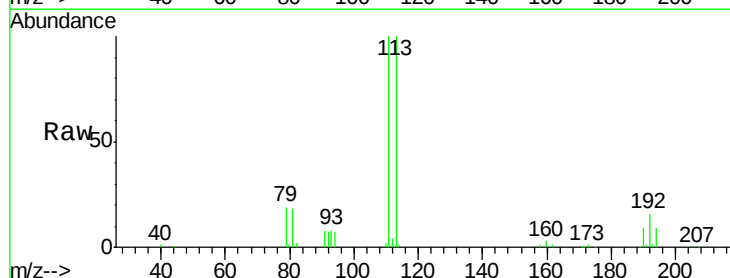
Tgt Ion:113 Resp: 80673

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

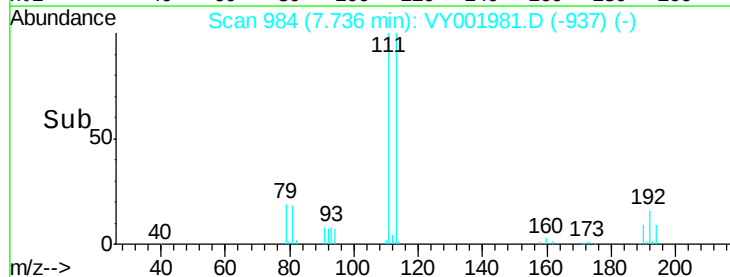
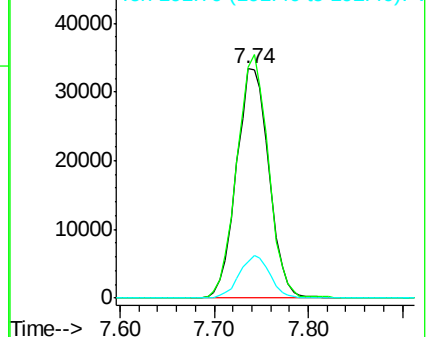
192 17.5 14.2 21.2

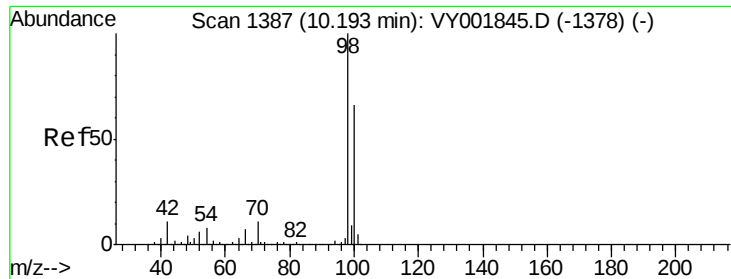


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.801 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001981.D

Acq: 16 Mar 2020 14:30

Instrument :

MSVOA_Y

ClientSampleId :

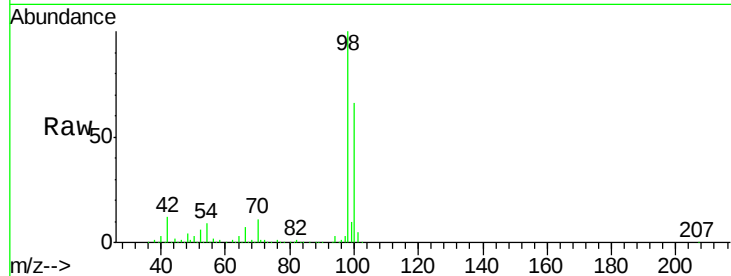
TP-8(4-5)

Tot Ion: 98 Resp: 333480

Ion Ratio Lower Upper

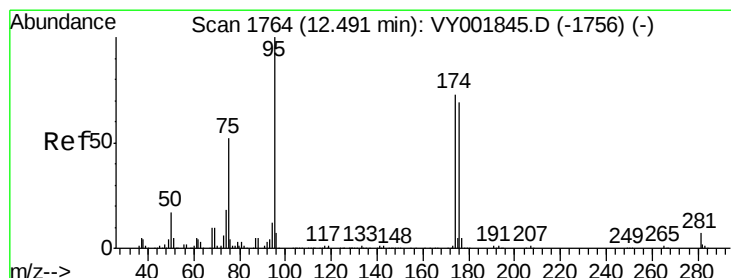
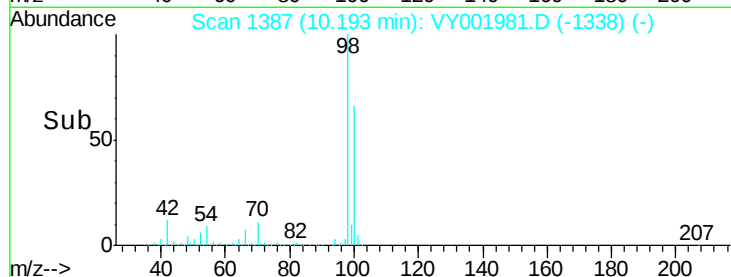
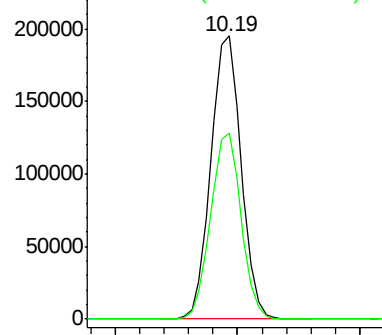
98 100

100 66.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 51.967 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001981.D

Acq: 16 Mar 2020 14:30

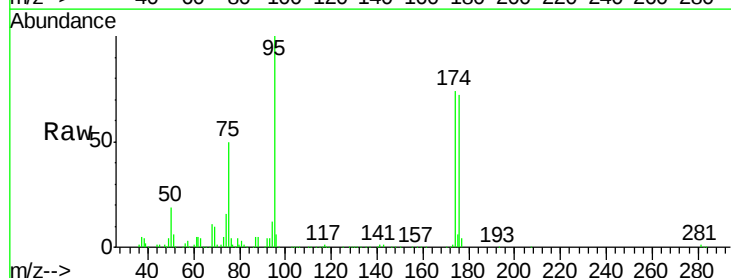
Tgt Ion: 95 Resp: 114124

Ion Ratio Lower Upper

95 100

174 72.9 0.0 145.0

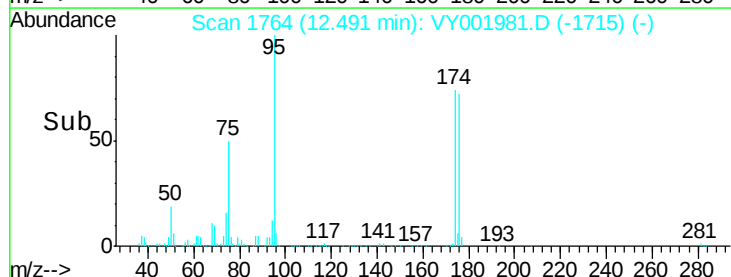
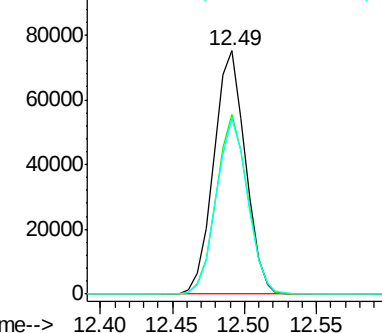
176 71.5 0.0 137.4

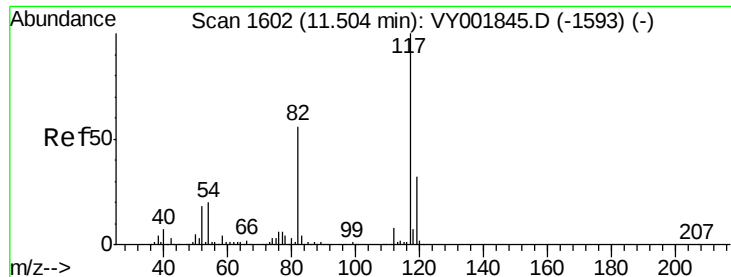


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

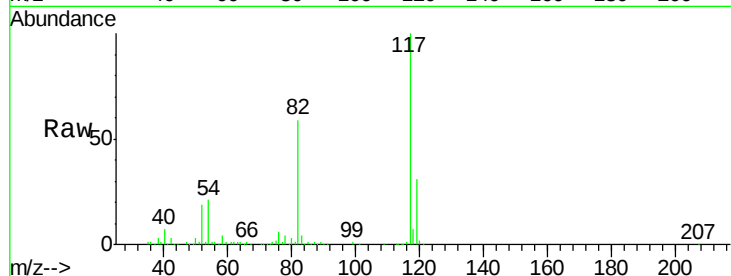




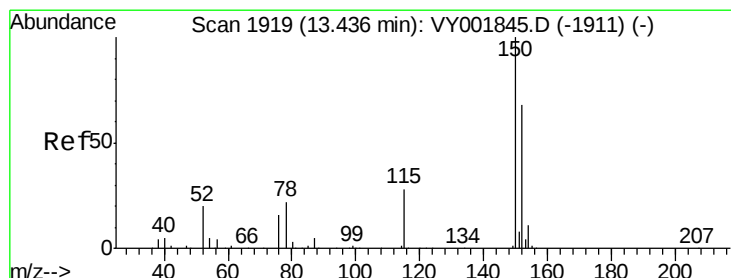
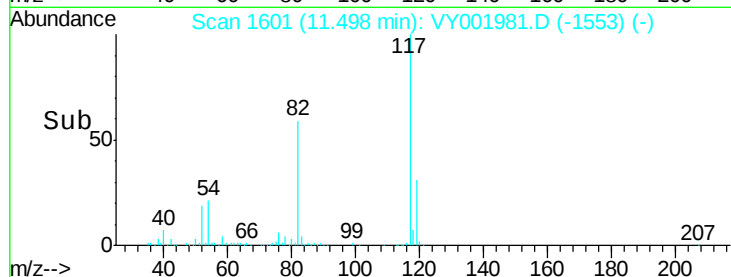
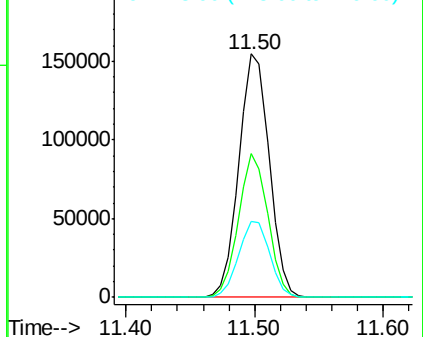
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001981.D
Acq: 16 Mar 2020 14:30

Instrument :
MSVOA_Y
ClientSampleId :
TP-8(4-5)

Tot Ion:117 Resp: 252622
Ion Ratio Lower Upper
117 100
82 58.8 44.5 66.7
119 31.4 25.7 38.5

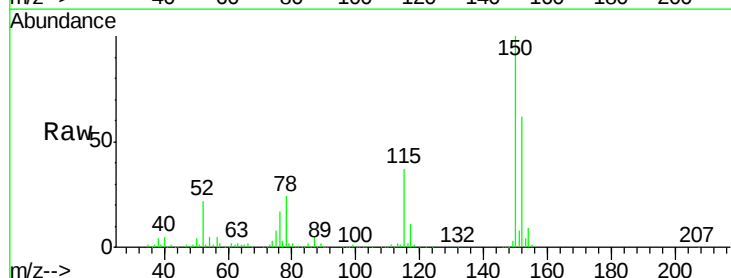


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001981.D
Acq: 16 Mar 2020 14:30

Tgt Ion:152 Resp: 113214
Ion Ratio Lower Upper
152 100
115 61.1 29.9 89.7
150 157.2 0.0 340.6



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

