

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000592.D
 Acq On : 07 Nov 2019 19:31
 Operator : SY/MD
 Sample : K5722-04
 Misc : 6.92G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 4-D

Quant Time: Nov 08 05:41:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

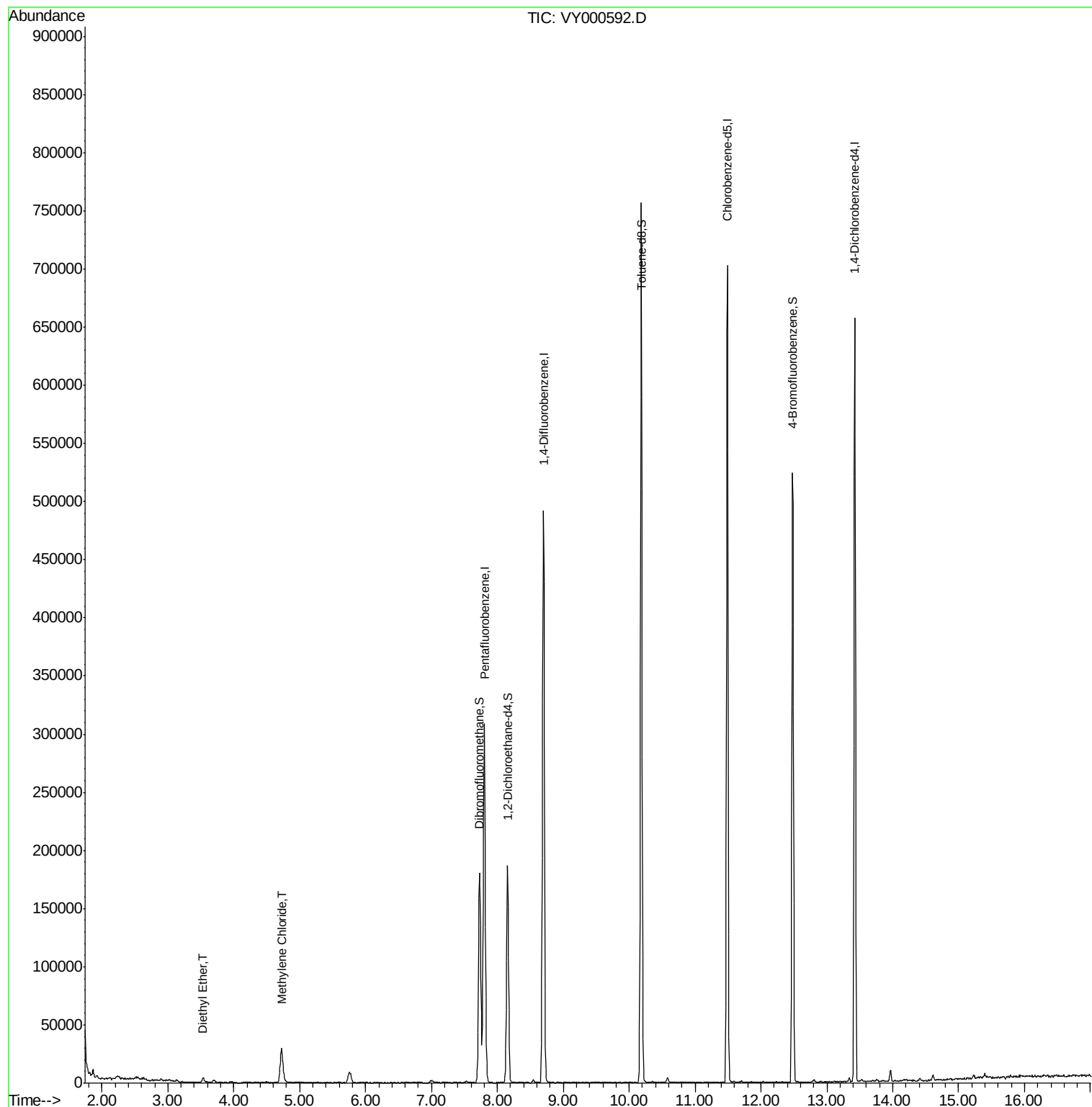
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	226224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	412236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	365411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	149881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	142594	60.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.82%	
35) Dibromofluoromethane	7.73	113	124411	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
50) Toluene-d8	10.18	98	482301	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.48	95	158526	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
Target Compounds						
8) Diethyl Ether	3.53	74	2156	1.577	ug/l	91
20) Methylene Chloride	4.72	84	21328	7.714	ug/l #	89

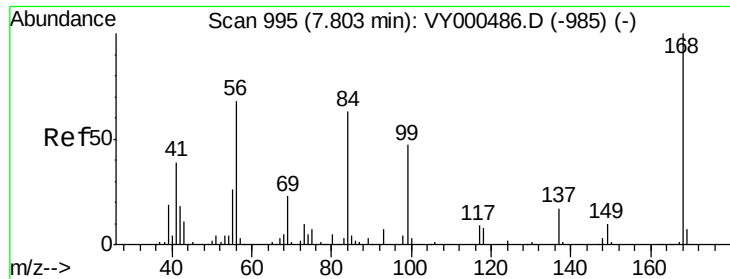
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 30 13:30:53 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000592.D

Acq: 07 Nov 2019 19:31

Instrument :

MSVOA_Y

ClientSampled :

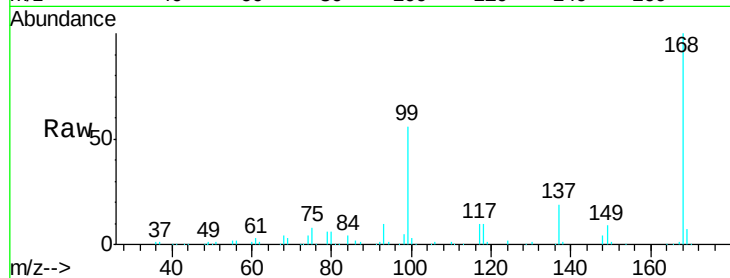
4-D

Tgt Ion:168 Resp: 226224

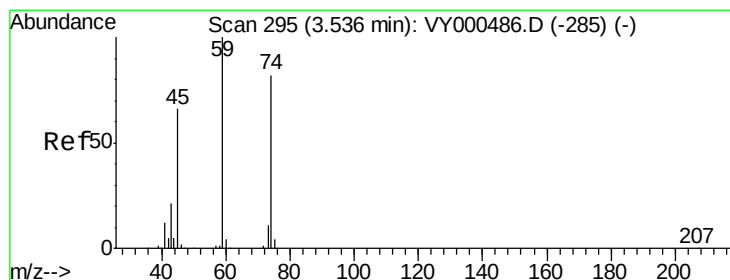
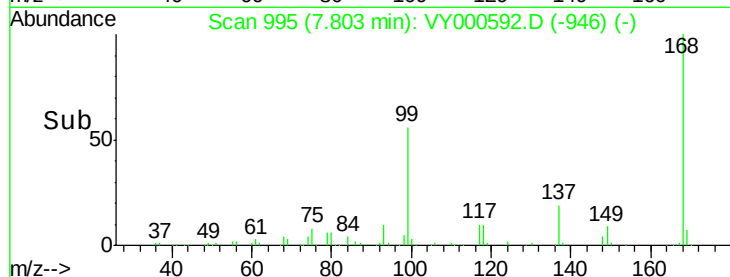
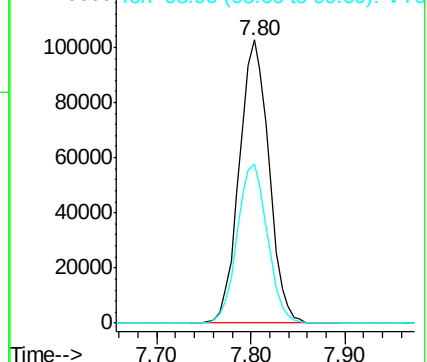
Ion Ratio Lower Upper

168 100

99 56.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)



#8

Diethyl Ether

Concen: 1.577 ug/l

RT: 3.53 min Scan# 294

Delta R.T. -0.01 min

Lab File: VY000592.D

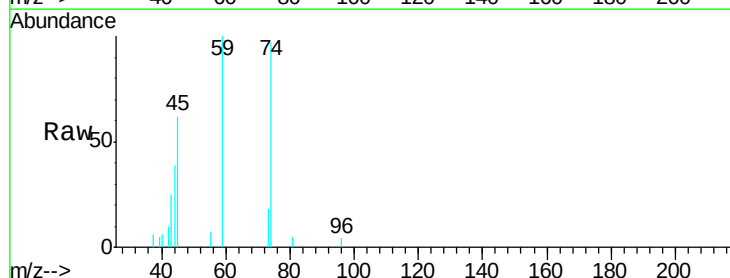
Acq: 07 Nov 2019 19:31

Tgt Ion: 74 Resp: 2156

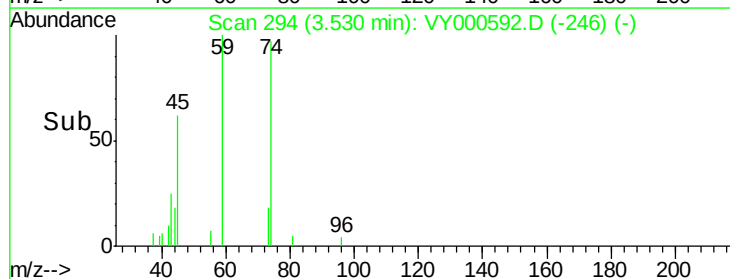
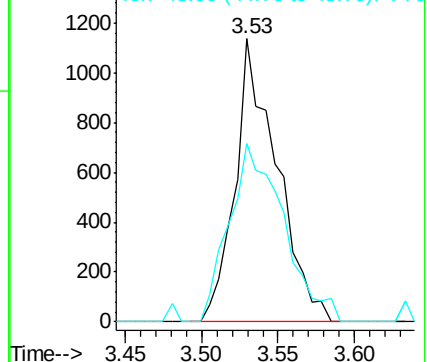
Ion Ratio Lower Upper

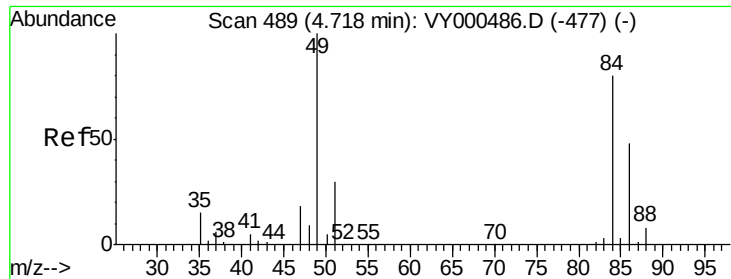
74 100

45 82.5 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY000486.D (-285) (-)

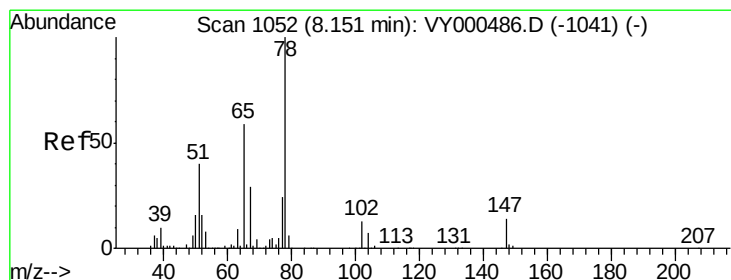
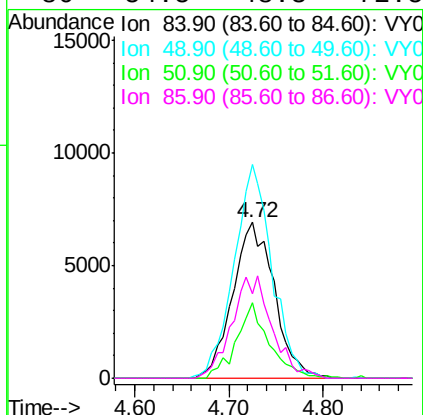
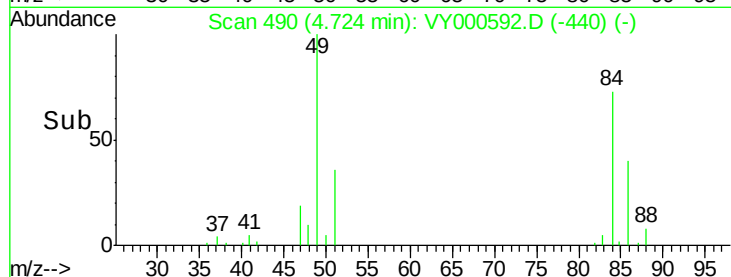
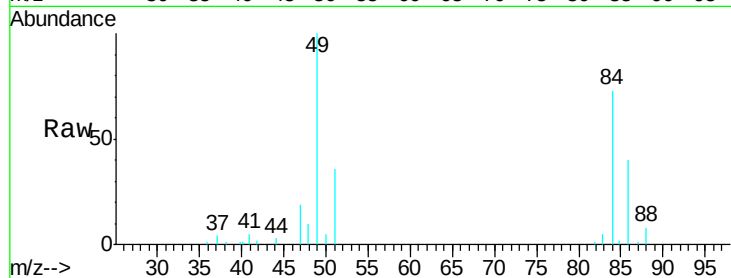




#20
Methylene Chloride
Concen: 7.714 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000592.D
Acq: 07 Nov 2019 19:31

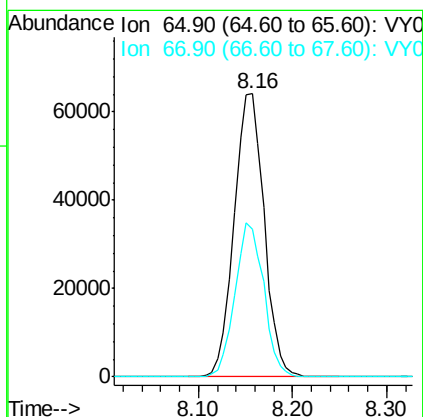
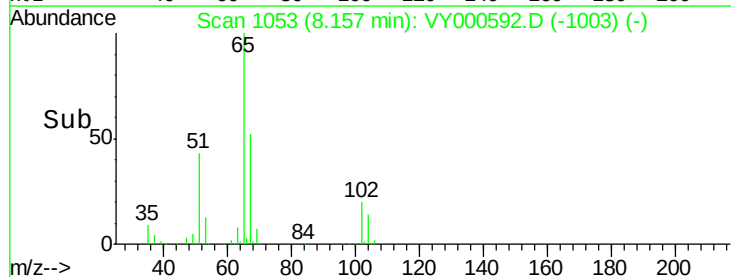
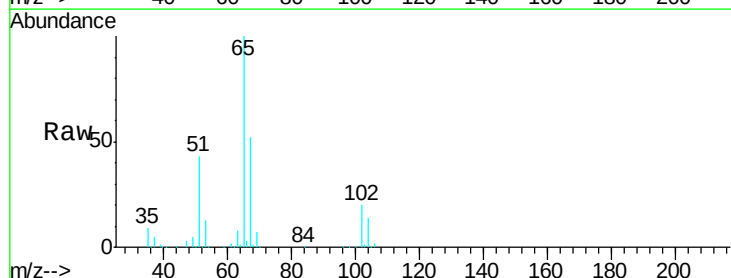
Instrument :
MSVOA_Y
ClientSampled :
4-D

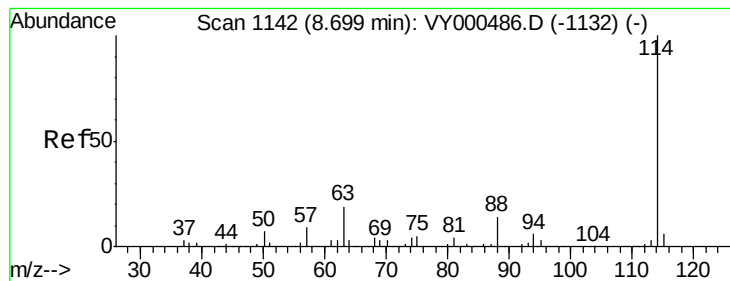
Tgt Ion: 84 Resp: 21328
Ion Ratio Lower Upper
84 100
49 136.9 100.2 150.4
51 48.6 29.6 44.4#
86 54.5 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 60.908 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000592.D
Acq: 07 Nov 2019 19:31

Tgt Ion: 65 Resp: 142594
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000592.D

Acq: 07 Nov 2019 19:31

Instrument :

MSVOA_Y

ClientSampled :

4-D

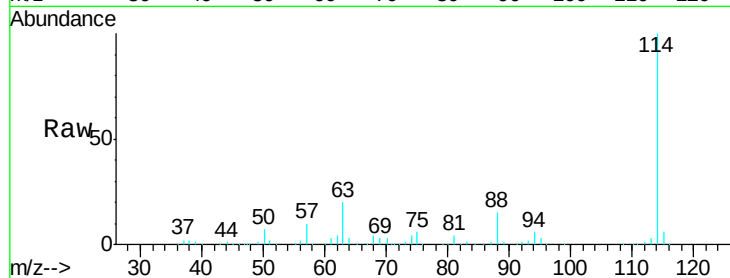
Tgt Ion:114 Resp: 412236

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.0

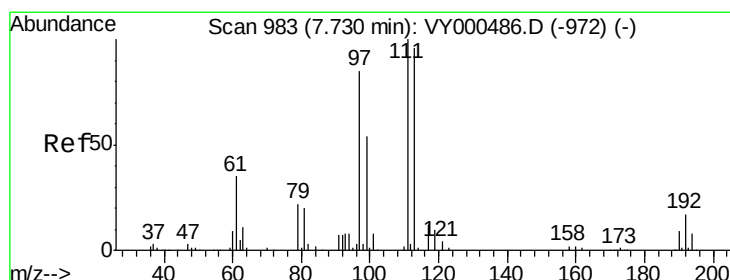
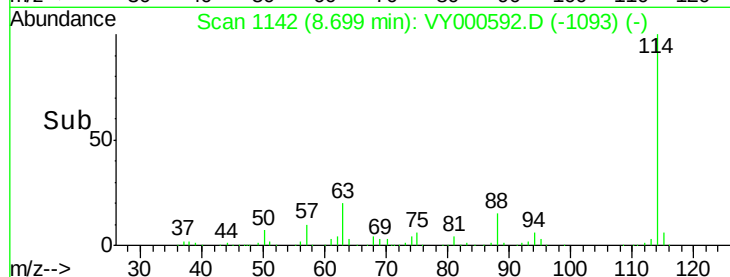
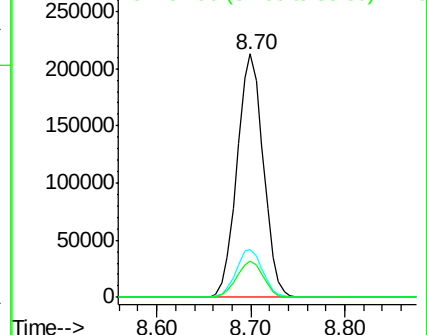
88 14.8 0.0 28.6



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: 51.408 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000592.D

Acq: 07 Nov 2019 19:31

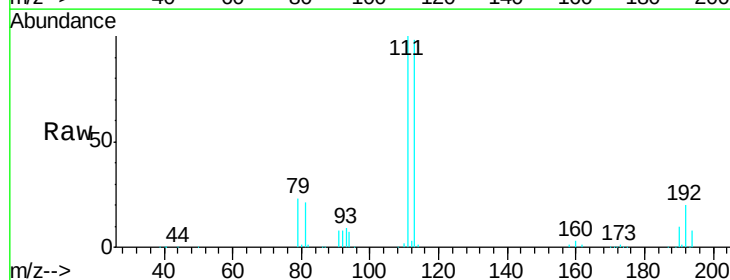
Tgt Ion:113 Resp: 124411

Ion Ratio Lower Upper

113 100

111 101.3 81.7 122.5

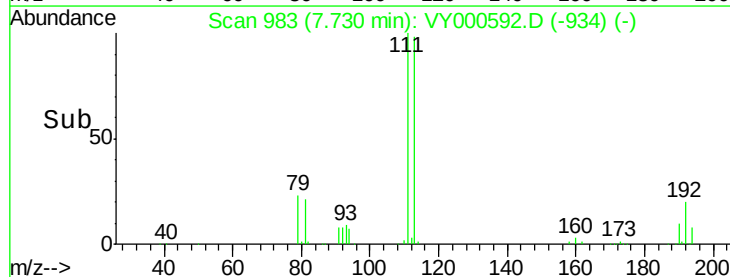
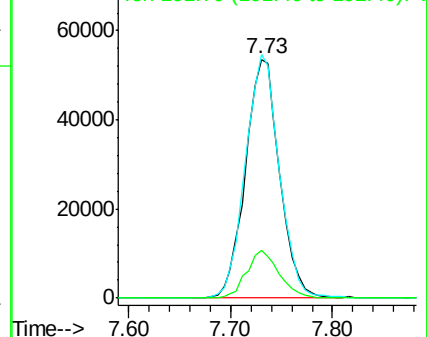
192 19.1 15.0 22.4

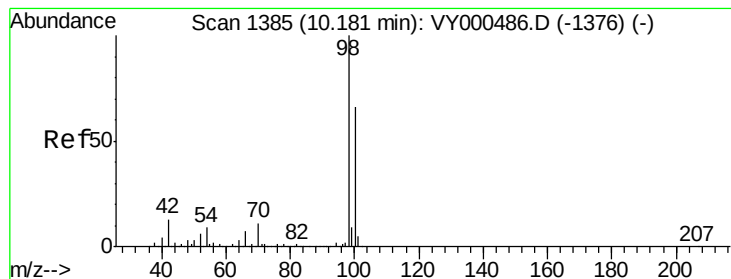


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.521 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000592.D

Acq: 07 Nov 2019 19:31

Instrument :

MSVOA_Y

ClientSampleId :

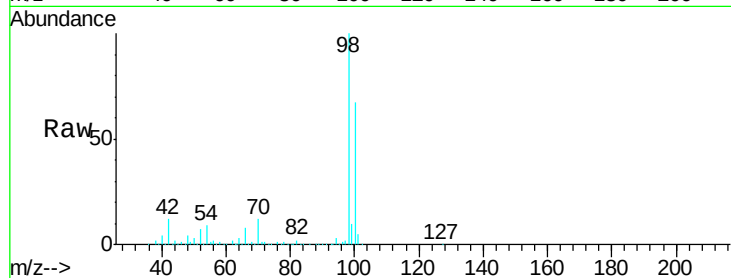
4-D

Tgt Ion: 98 Resp: 482301

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

250000

200000

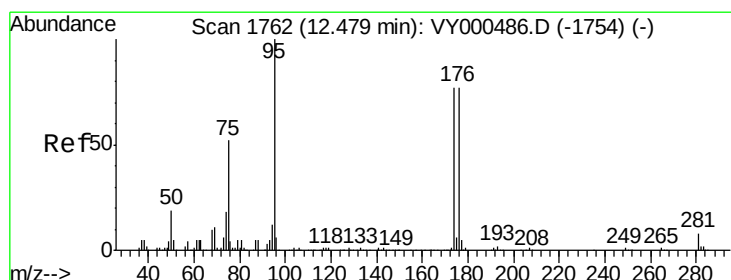
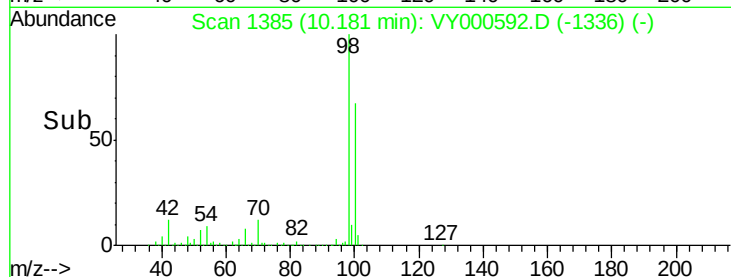
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.346 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000592.D

Acq: 07 Nov 2019 19:31

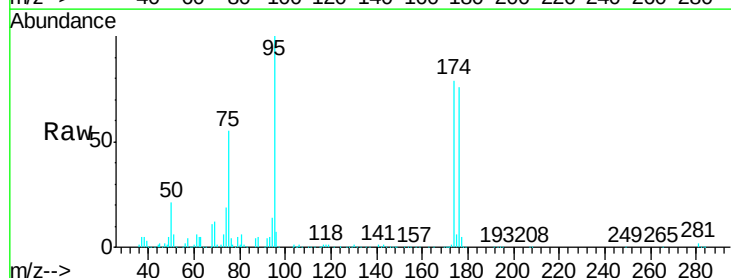
Tgt Ion: 95 Resp: 158526

Ion Ratio Lower Upper

95 100

174 78.8 0.0 161.6

176 76.0 0.0 157.8



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

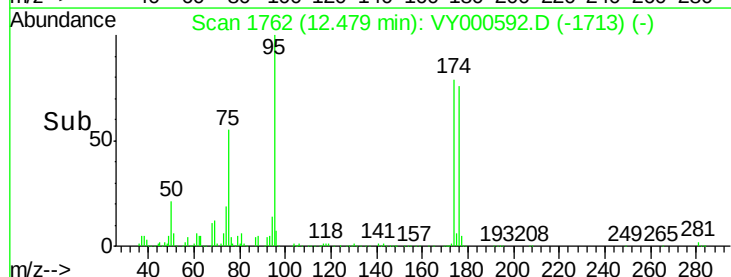
12.48

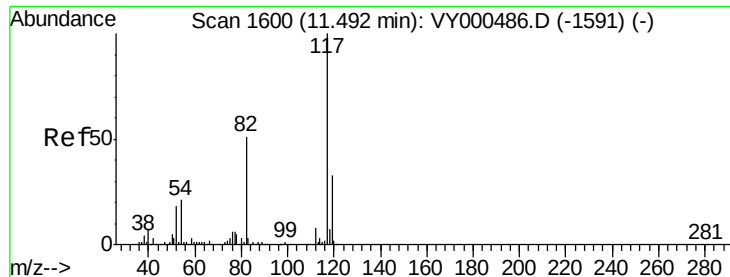
100000

50000

0

Time-->

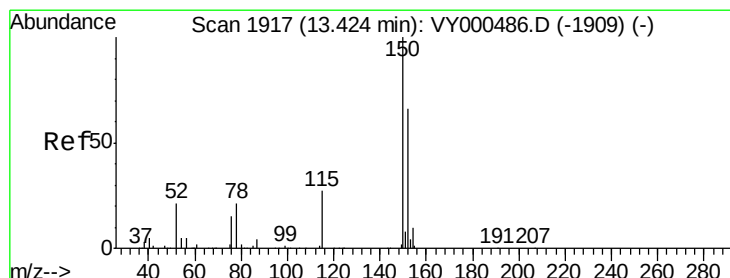
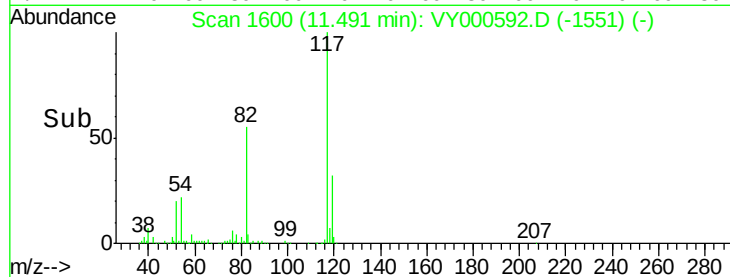
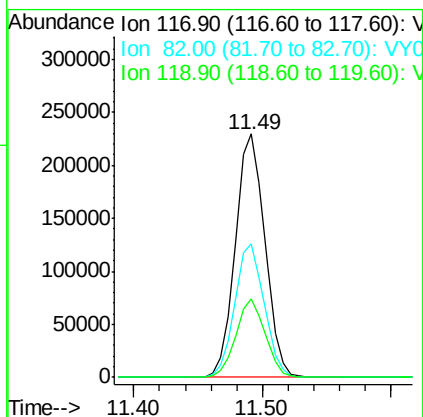
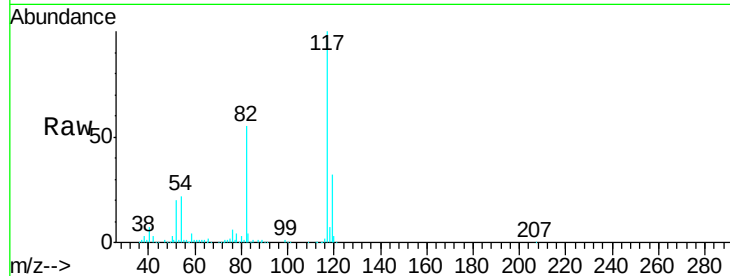




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000592.D
Acq: 07 Nov 2019 19:31

Instrument :
MSVOA_Y
ClientSampleId :
4-D

Tgt Ion:117 Resp: 365411
Ion Ratio Lower Upper
117 100
82 54.8 40.8 61.2
119 32.1 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000592.D
Acq: 07 Nov 2019 19:31

Tgt Ion:152 Resp: 149881
Ion Ratio Lower Upper
152 100
115 60.4 29.1 87.4
150 157.7 0.0 348.8

