

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy110719\
 Data File : VY000575.D
 Acq On : 07 Nov 2019 13:14
 Operator : SY/MD
 Sample : K5723-06
 Misc : 7.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 8-C

Quant Time: Nov 08 04:12:46 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

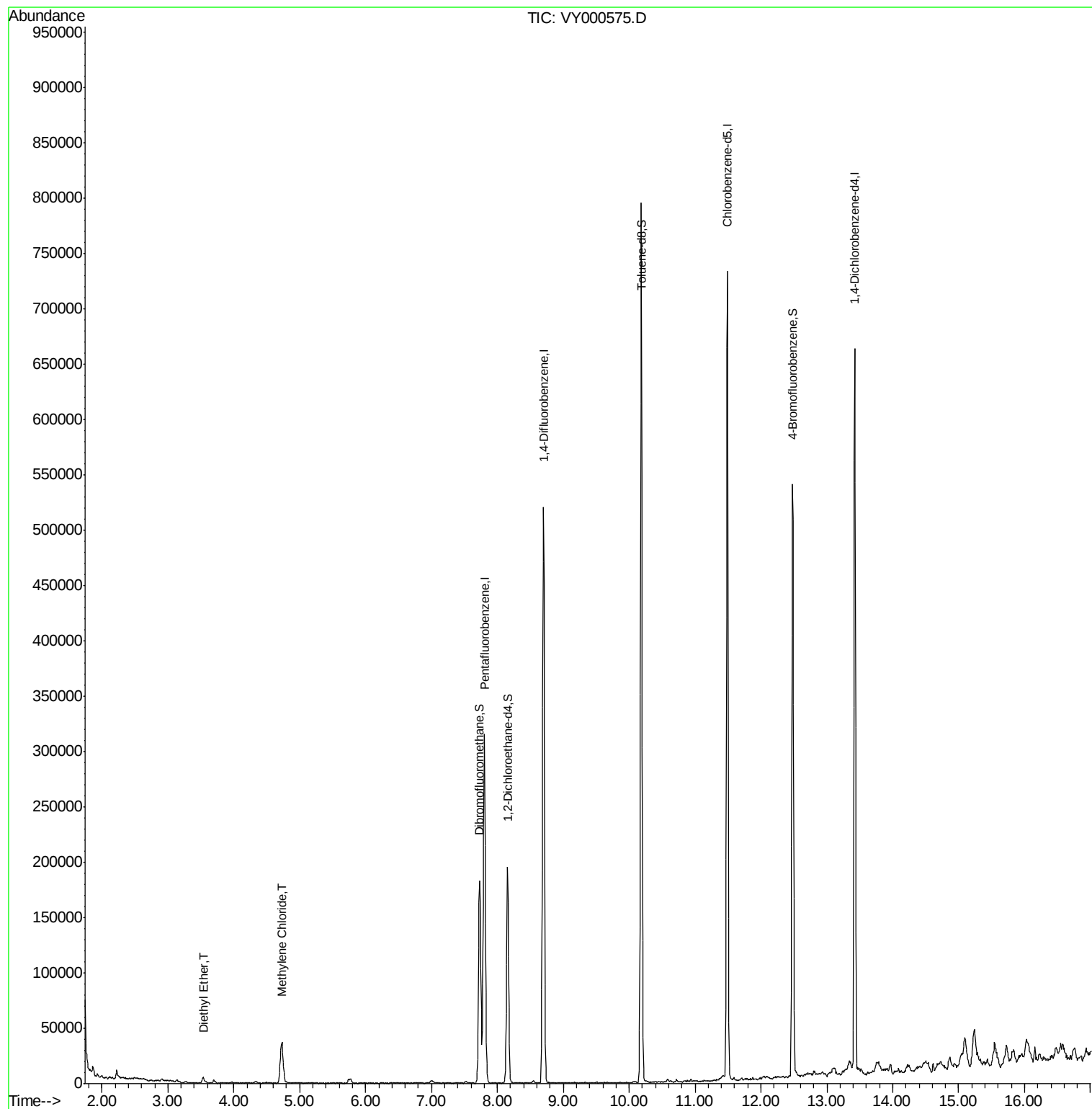
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	237084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	427084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	383244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	152908	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	150165	61.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.40%	
35) Dibromofluoromethane	7.73	113	130739	52.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.28%	
50) Toluene-d8	10.18	98	511768	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.48	95	164758	45.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.98%	
Target Compounds						
8) Diethyl Ether	3.54	74	3224	2.250	ug/l	93
20) Methylene Chloride	4.73	84	26575	9.172	ug/l	89

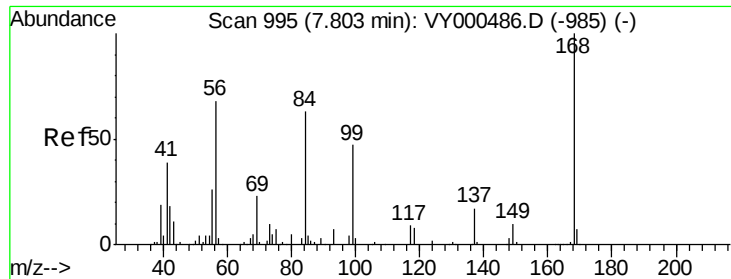
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000575.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

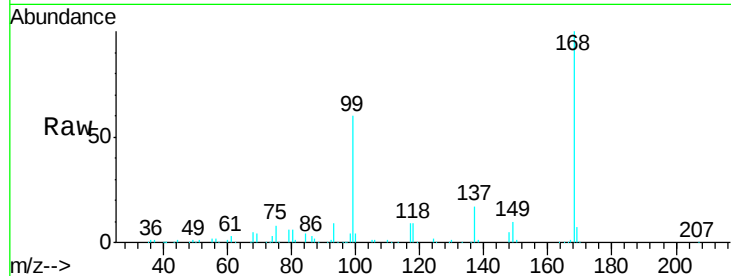
8-C

Tgt Ion:168 Resp: 237084

Ion Ratio Lower Upper

168 100

99 60.3 45.7 68.5



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

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

100000

80000

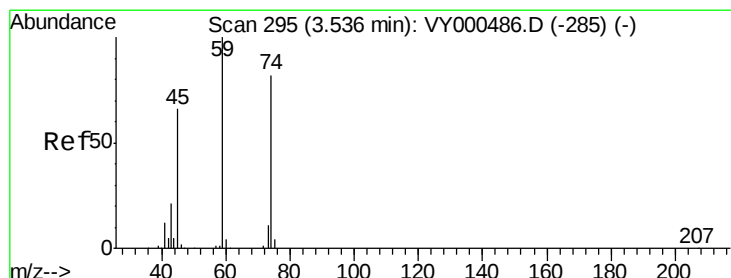
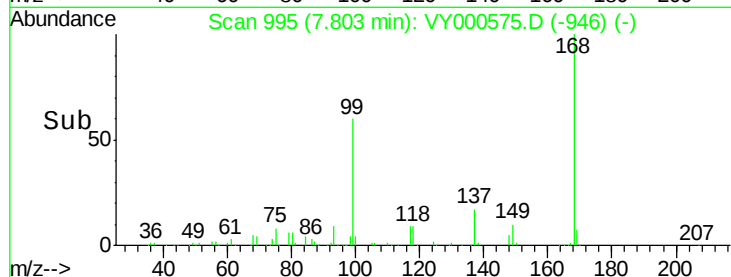
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.250 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VY000575.D

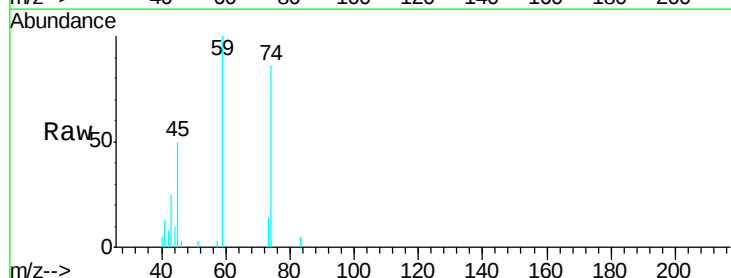
Acq: 07 Nov 2019 13:14

Tgt Ion: 74 Resp: 3224

Ion Ratio Lower Upper

74 100

45 84.6 45.5 136.4



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

Ion 45.00 (44.70 to 45.70): VY000486.D (-285) (-)

3.54

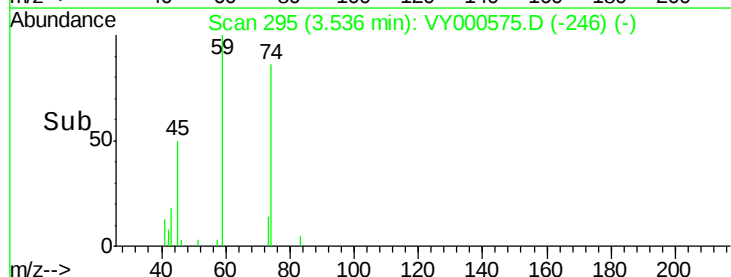
1500

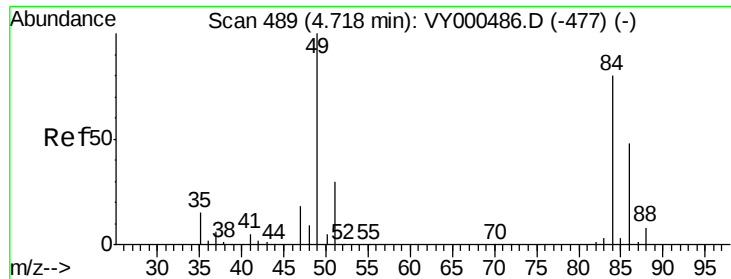
1000

500

0

Time-->

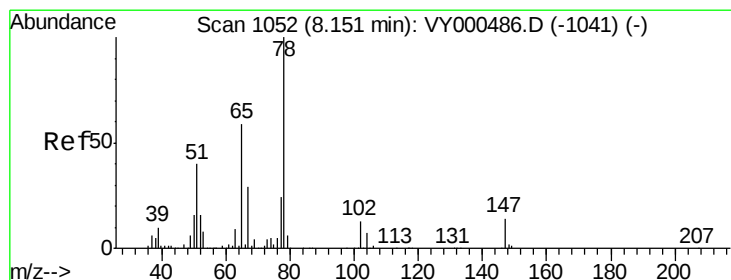
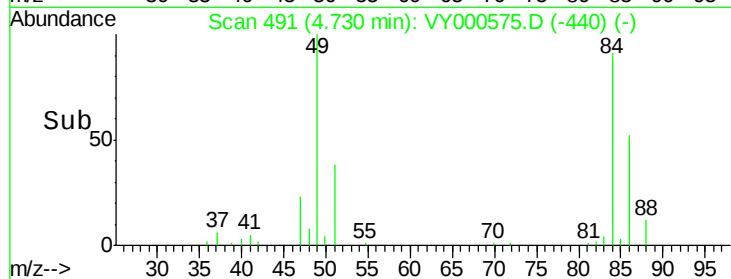
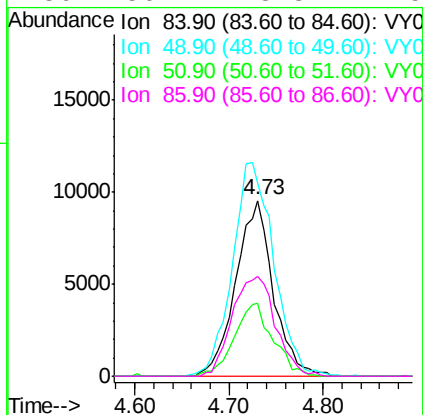
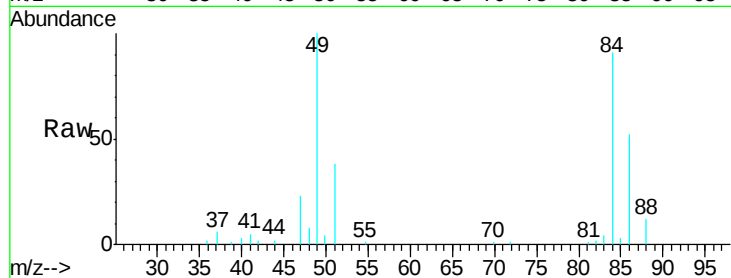




#20
Methylene Chloride
Concen: 9.172 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000575.D
Acq: 07 Nov 2019 13:14

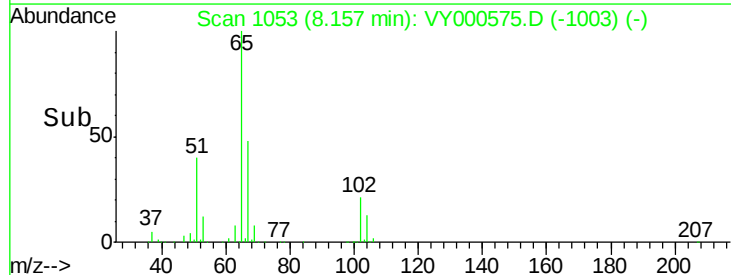
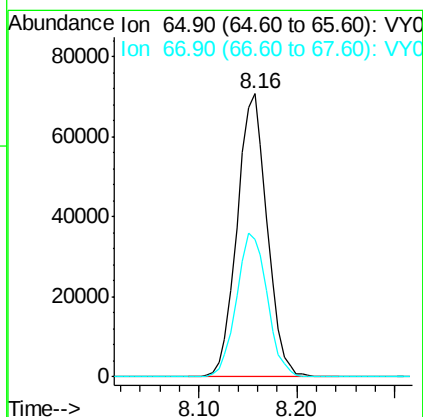
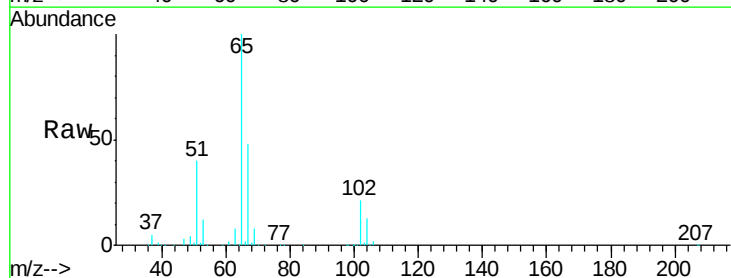
Instrument :
MSVOA_Y
ClientSampled :
8-C

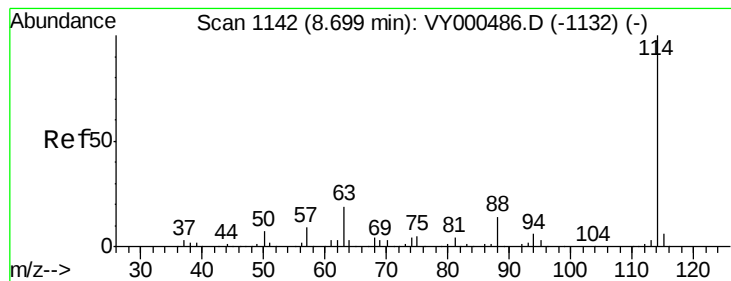
Tgt Ion: 84 Resp: 26575
Ion Ratio Lower Upper
84 100
49 109.2 100.2 150.4
51 41.9 29.6 44.4
86 56.7 48.3 72.5



#33
1,2-Dichloroethane-d4
Concen: 61.204 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000575.D
Acq: 07 Nov 2019 13:14

Tgt Ion: 65 Resp: 150165
Ion Ratio Lower Upper
65 100
67 51.9 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: VY000575.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

8-C

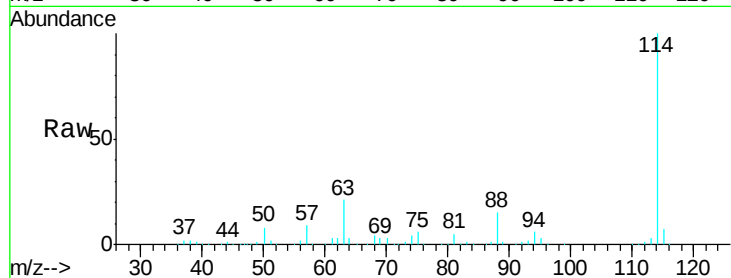
Tgt Ion:114 Resp: 427084

Ion Ratio Lower Upper

114 100

63 21.3 0.0 38.0

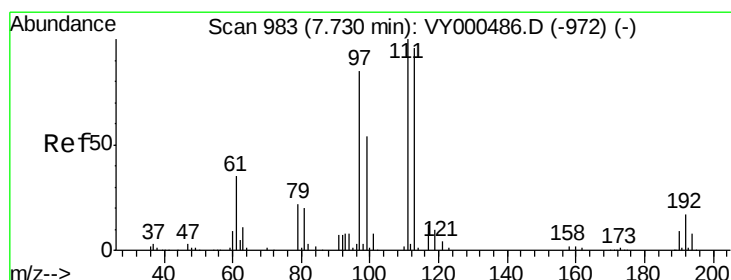
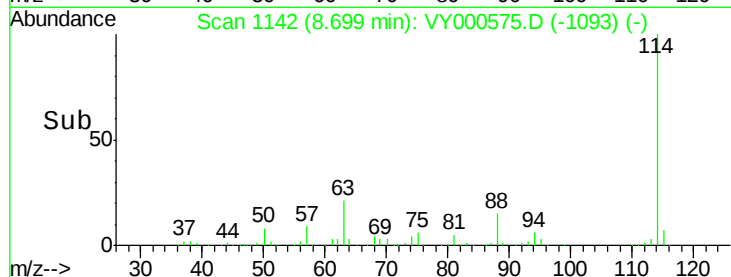
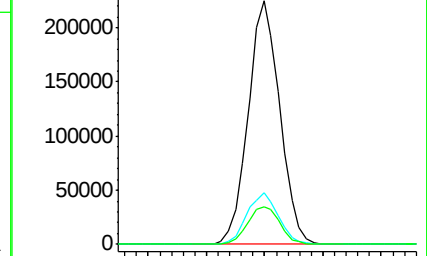
88 15.2 0.0 28.6



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: 52.144 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000575.D

Acq: 07 Nov 2019 13:14

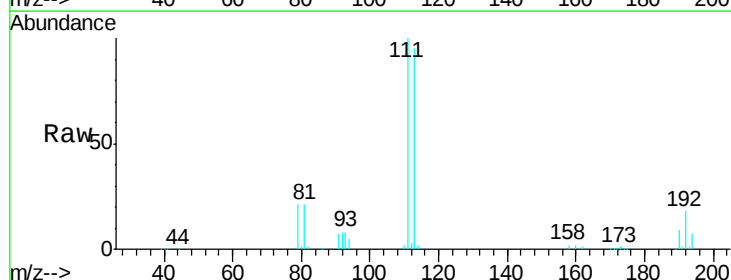
Tgt Ion:113 Resp: 130739

Ion Ratio Lower Upper

113 100

111 104.4 81.7 122.5

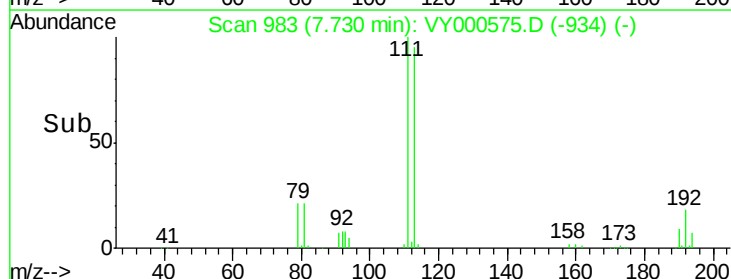
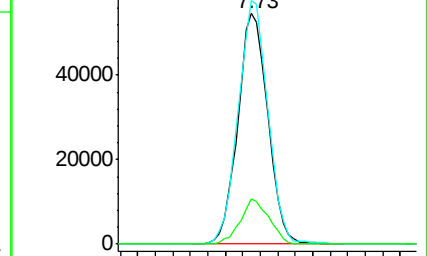
192 18.8 15.0 22.4

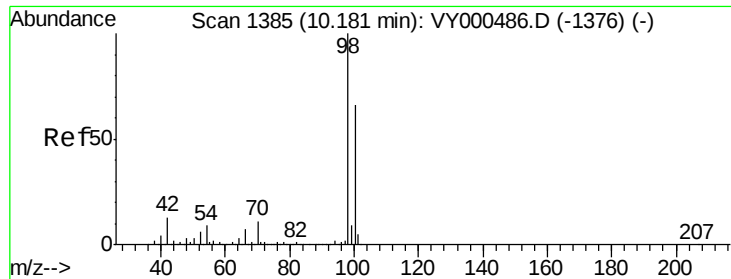


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.793 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000575.D

Acq: 07 Nov 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

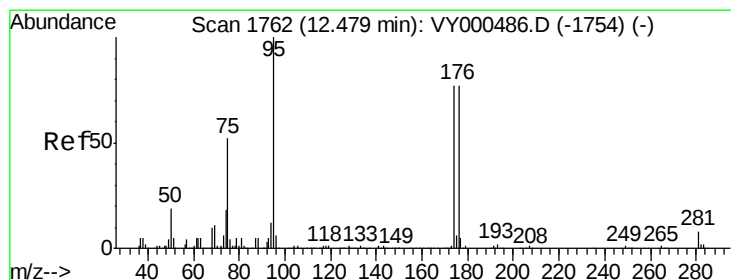
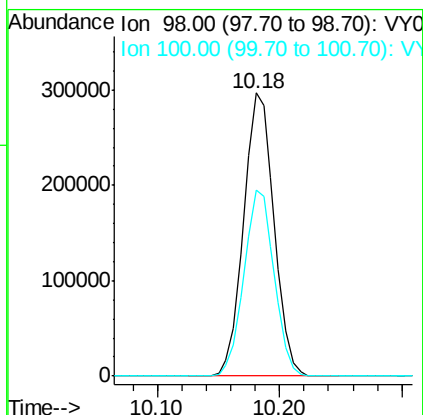
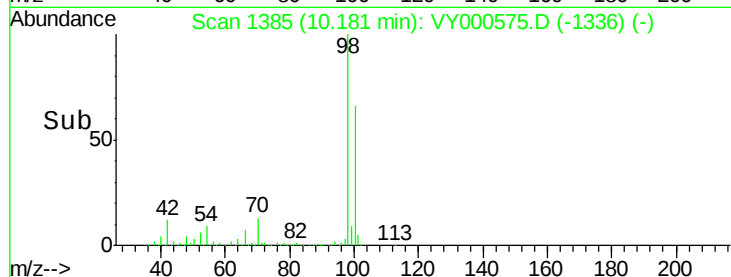
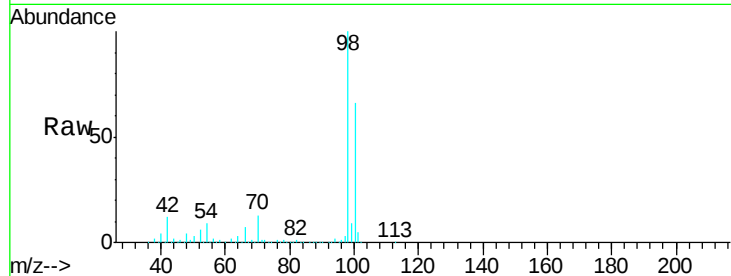
8-C

Tgt Ion: 98 Resp: 511768

Ion Ratio Lower Upper

98 100

100 65.3 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.490 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000575.D

Acq: 07 Nov 2019 13:14

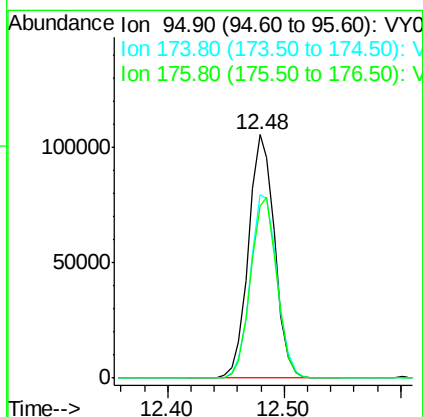
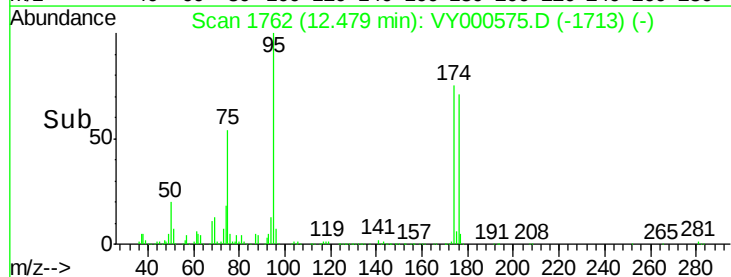
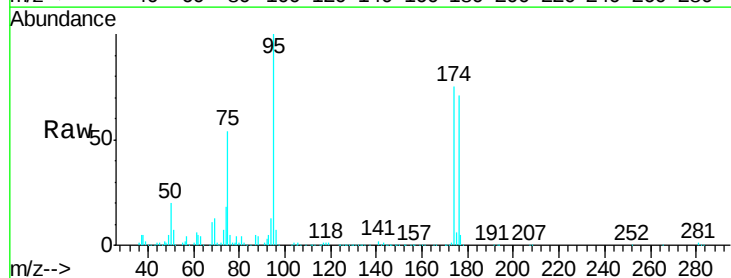
Tgt Ion: 95 Resp: 164758

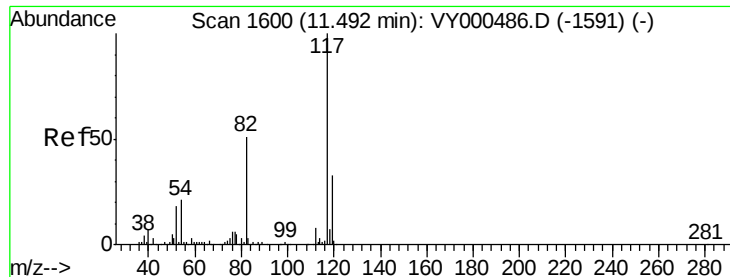
Ion Ratio Lower Upper

95 100

174 77.8 0.0 161.6

176 74.5 0.0 157.8

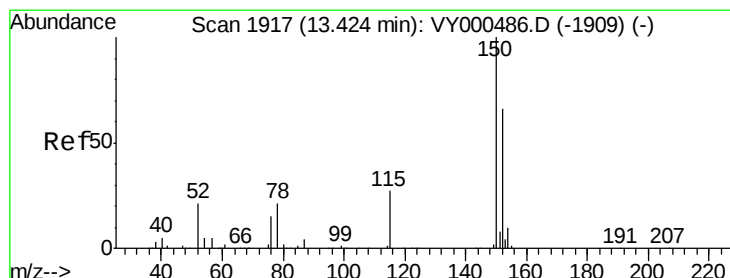
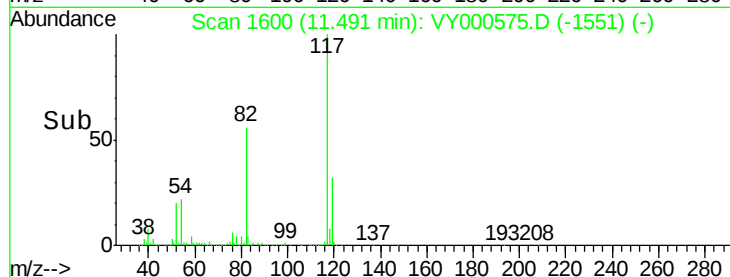
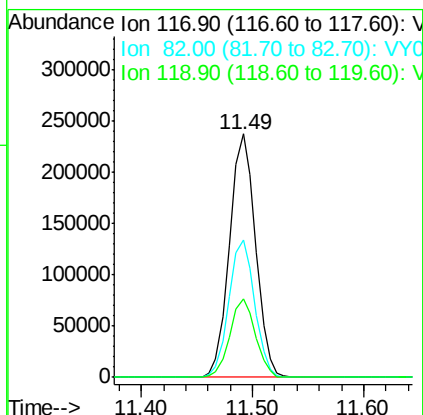
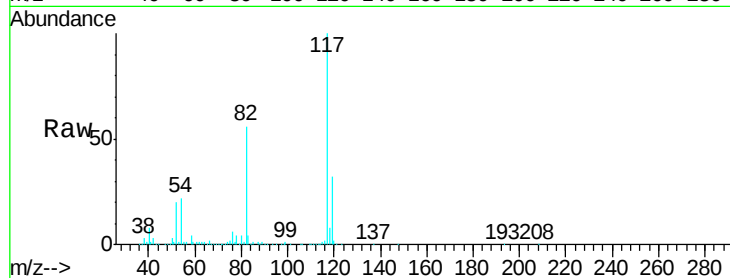




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000575.D
Acq: 07 Nov 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
8-C

Tgt Ion:117 Resp: 383244
Ion Ratio Lower Upper
117 100
82 56.4 40.8 61.2
119 32.0 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: VY000575.D
Acq: 07 Nov 2019 13:14

Tgt Ion:152 Resp: 152908
Ion Ratio Lower Upper
152 100
115 62.7 29.1 87.4
150 159.0 0.0 348.8

