

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110719\
 Data File : VY000576.D
 Acq On : 07 Nov 2019 13:36
 Operator : SY/MD
 Sample : K5723-07
 Misc : 6.26G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 8-D

Quant Time: Nov 08 04:16:28 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

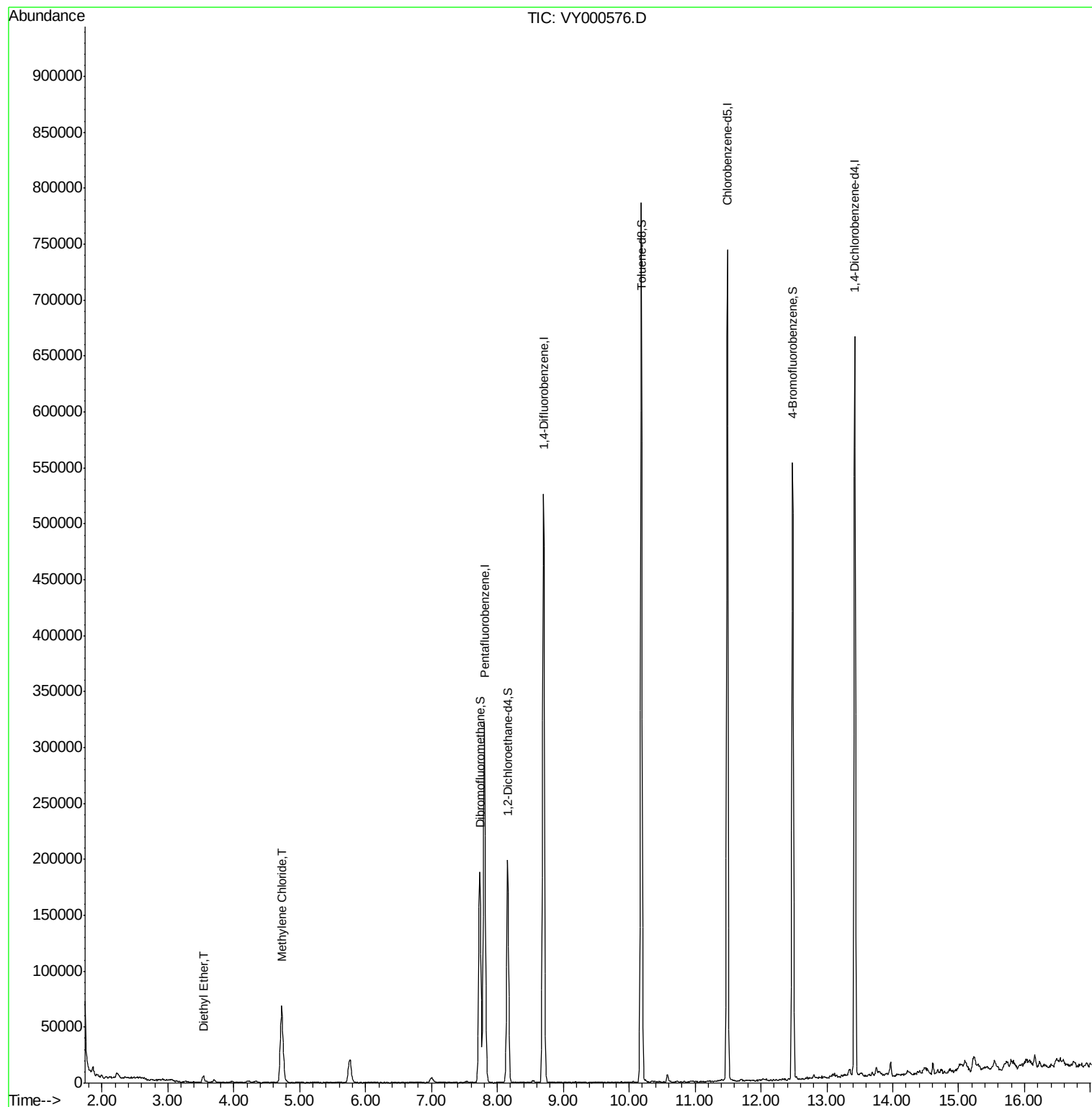
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	233715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	440340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	380276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	156148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	151851	62.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.56%	
35) Dibromofluoromethane	7.74	113	131500	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
50) Toluene-d8	10.18	98	516089	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
62) 4-Bromofluorobenzene	12.48	95	168909	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.46%	
Target Compounds						
8) Diethyl Ether	3.54	74	3174	2.247	ug/l	81
20) Methylene Chloride	4.72	84	48725	17.059	ug/l	98

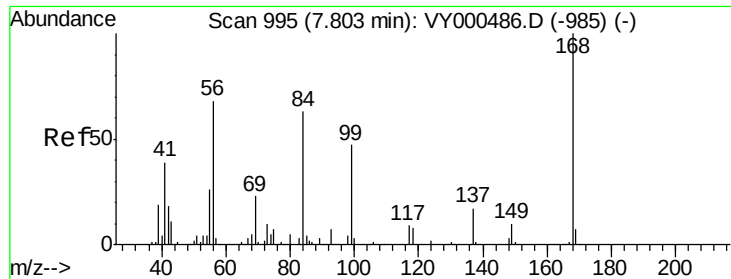
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

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MSVOA_Y

ClientSampleId :

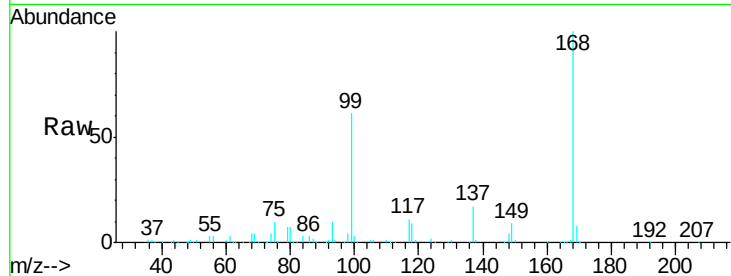
8-D

Tgt Ion: 168 Resp: 233715

Ion Ratio Lower Upper

168 100

99 60.8 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

120000

100000

80000

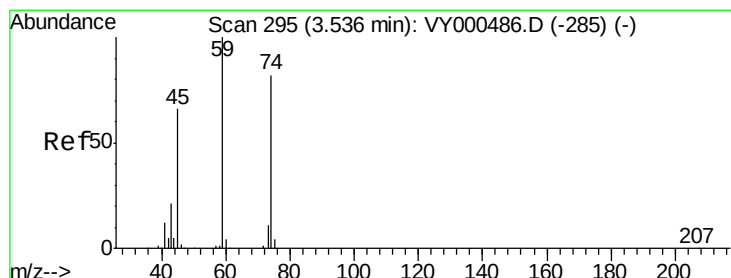
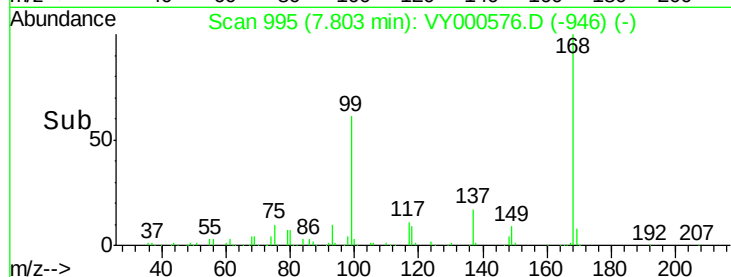
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 2.247 ug/l

RT: 3.54 min Scan# 295

Delta R.T. 0.01 min

Lab File: VY000576.D

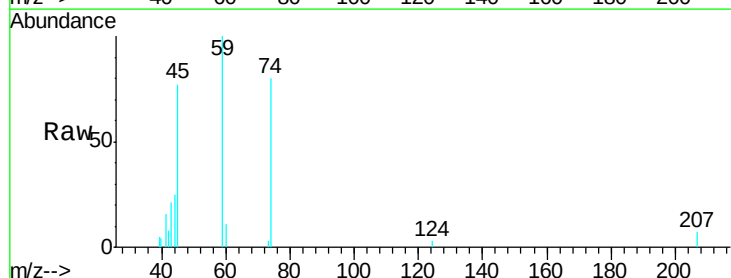
Acq: 07 Nov 2019 13:36

Tgt Ion: 74 Resp: 3174

Ion Ratio Lower Upper

74 100

45 108.5 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

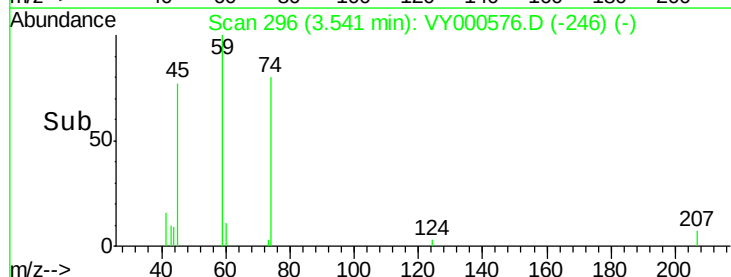
1500

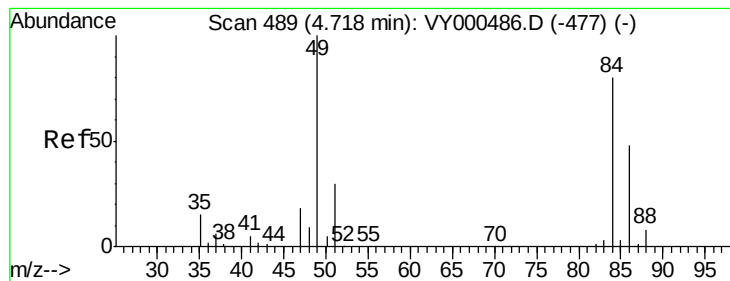
1000

500

0

Time-->





#20

Methylene Chloride

Concen: 17.059 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000576.D

Acq: 07 Nov 2019 13:36

Instrument :

MSVOA_Y

ClientSampled :

8-D

Tgt Ion: 84 Resp: 48725

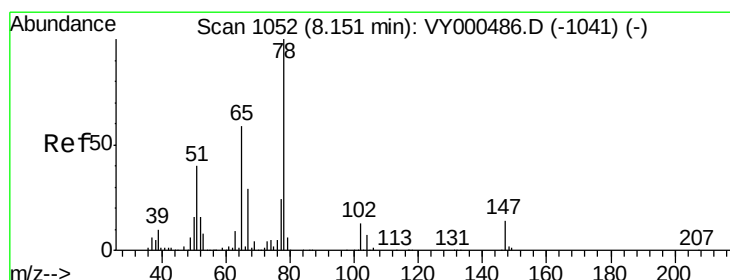
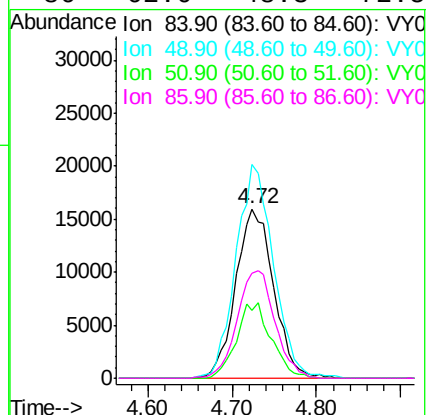
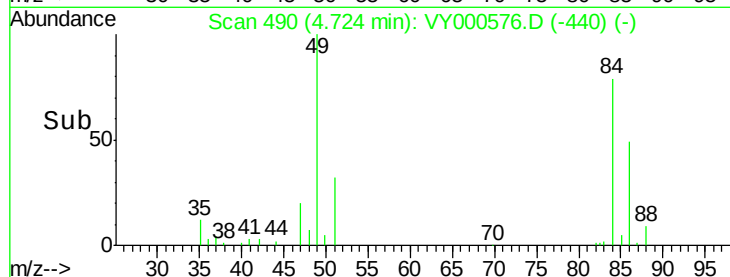
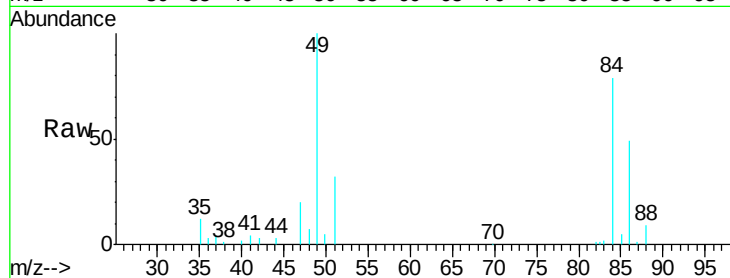
Ion Ratio Lower Upper

84 100

49 126.0 100.2 150.4

51 40.0 29.6 44.4

86 62.0 48.3 72.5



#33

1,2-Dichloroethane-d4

Concen: 62.784 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000576.D

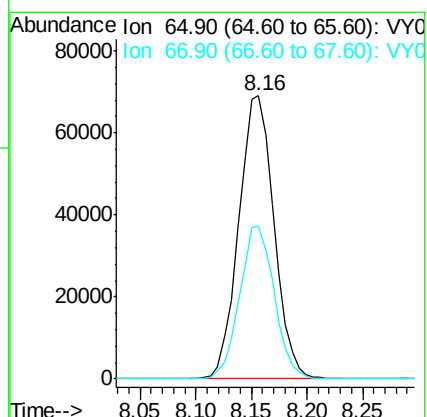
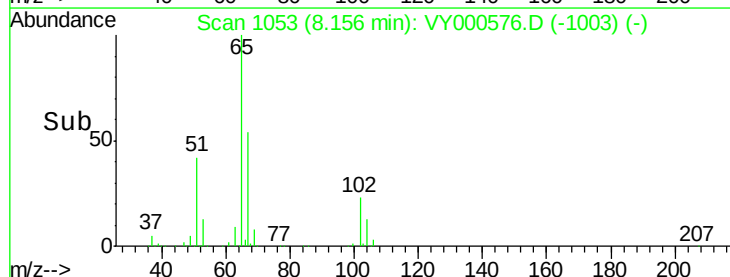
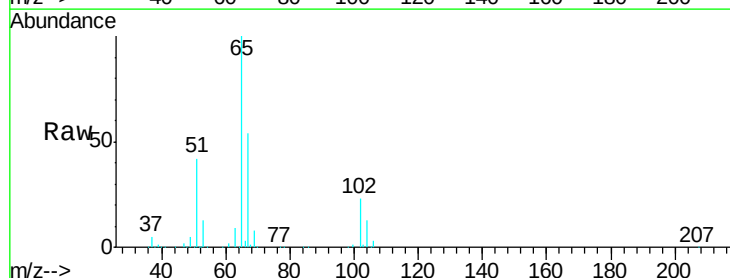
Acq: 07 Nov 2019 13:36

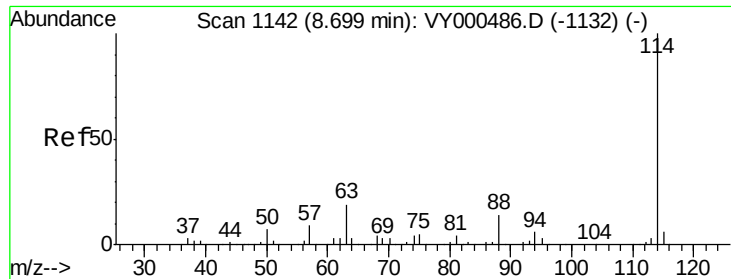
Tgt Ion: 65 Resp: 151851

Ion Ratio Lower Upper

65 100

67 53.1 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: VY000576.D

Acq: 07 Nov 2019 13:36

Instrument :

MSVOA_Y

ClientSampleId :

8-D

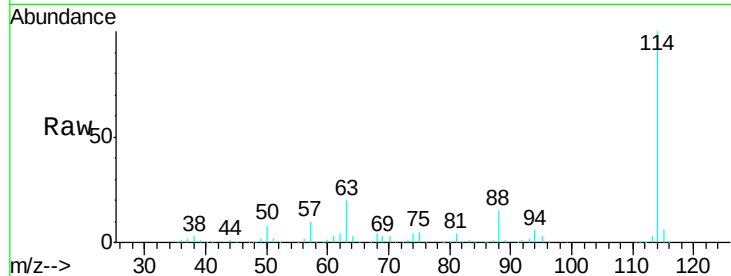
Tgt Ion:114 Resp: 440340

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

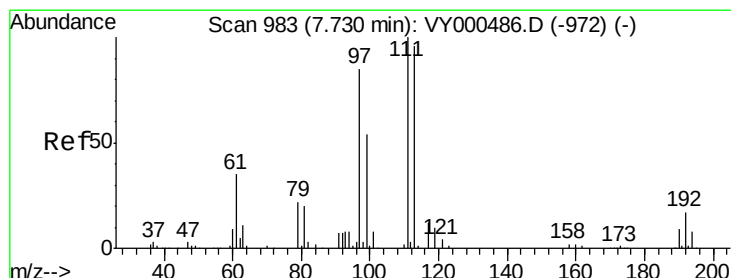
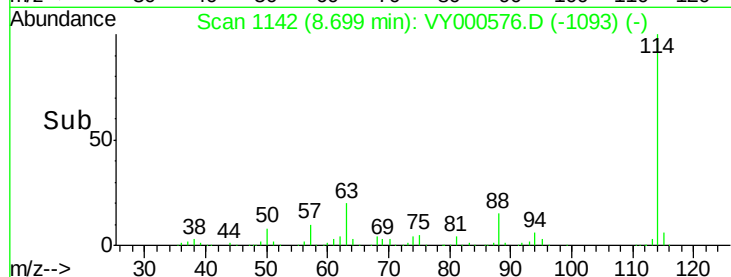
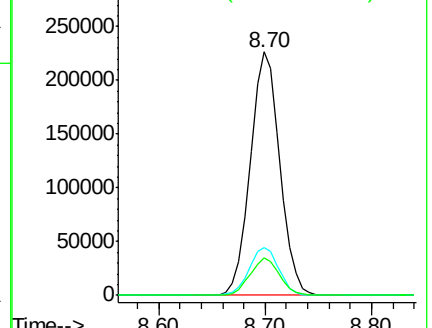
88 15.5 0.0 28.6



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: 50.869 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000576.D

Acq: 07 Nov 2019 13:36

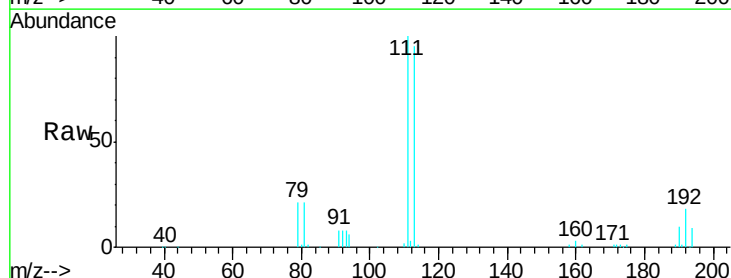
Tgt Ion:113 Resp: 131500

Ion Ratio Lower Upper

113 100

111 103.3 81.7 122.5

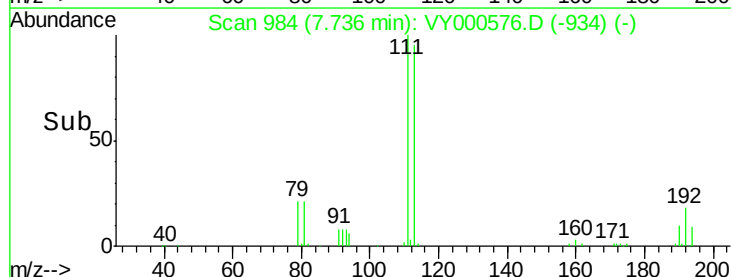
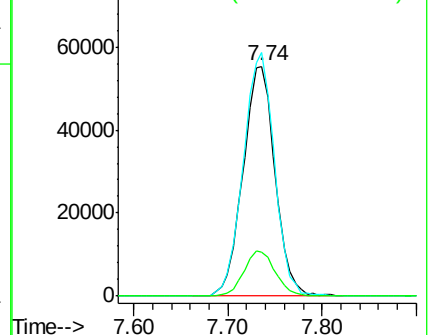
192 19.3 15.0 22.4

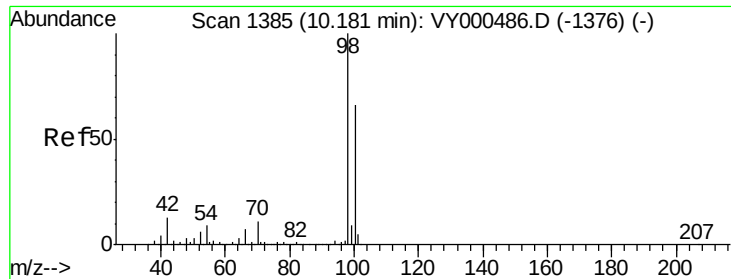


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.614 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000576.D

Acq: 07 Nov 2019 13:36

Instrument :

MSVOA_Y

ClientSampleId :

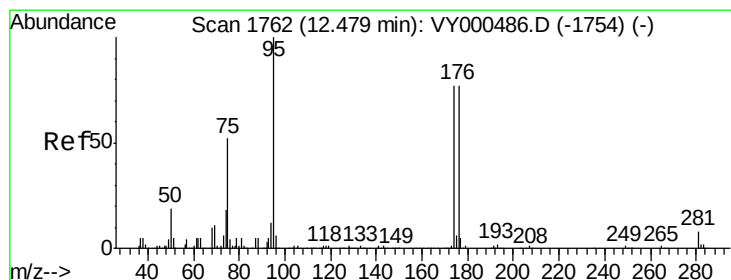
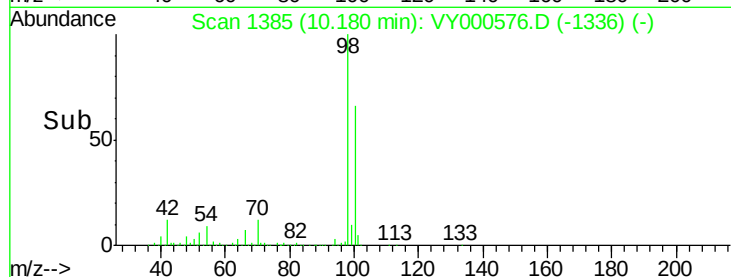
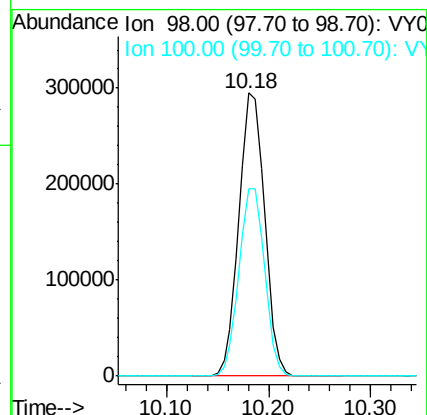
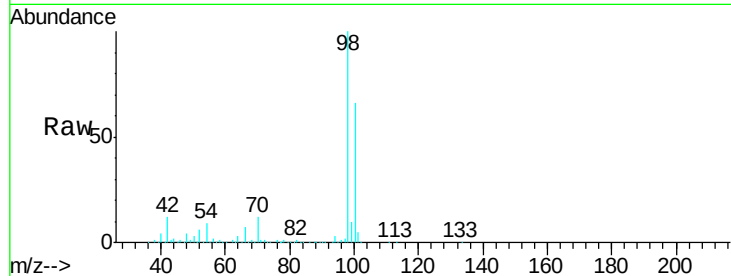
8-D

Tgt Ion: 98 Resp: 516089

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.233 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000576.D

Acq: 07 Nov 2019 13:36

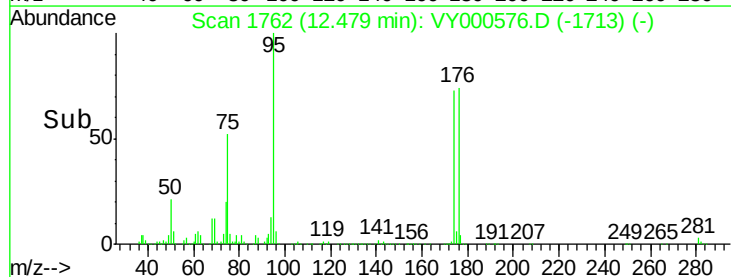
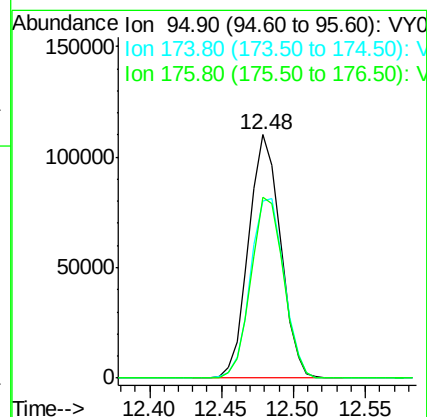
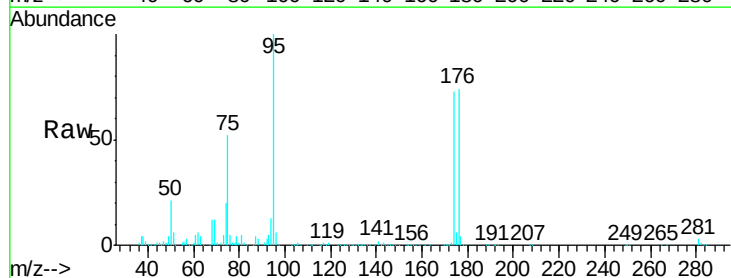
Tgt Ion: 95 Resp: 168909

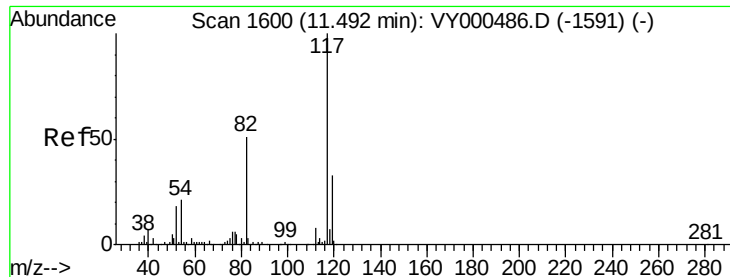
Ion Ratio Lower Upper

95 100

174 77.9 0.0 161.6

176 75.4 0.0 157.8

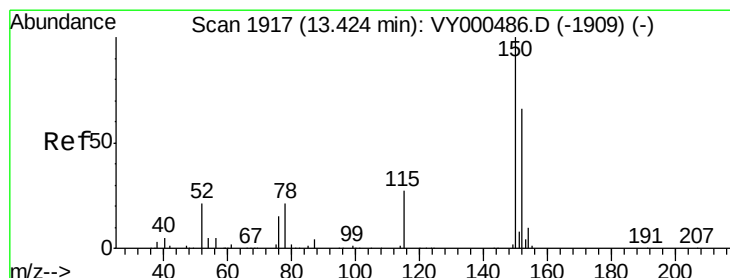
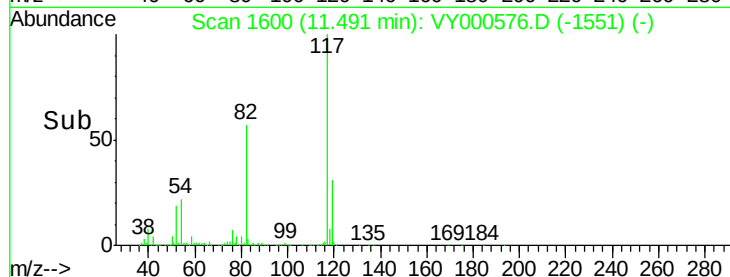
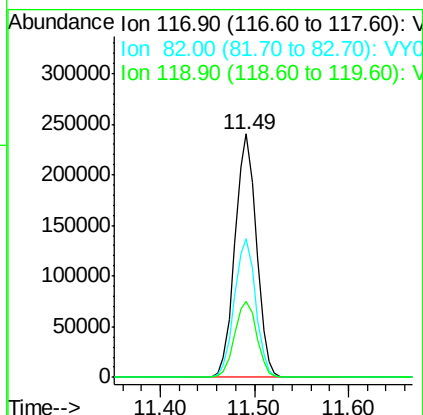
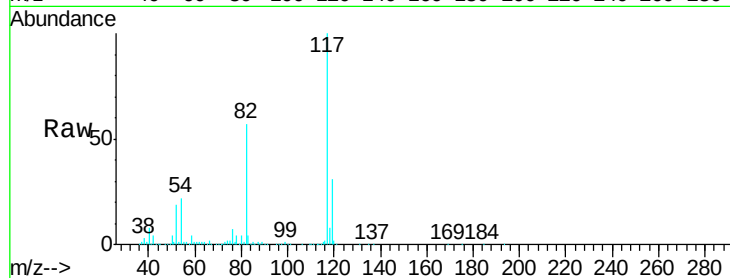




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000576.D
Acq: 07 Nov 2019 13:36

Instrument :
MSVOA_Y
ClientSampled :
8-D

Tgt Ion:117 Resp: 380276
Ion Ratio Lower Upper
117 100
82 56.8 40.8 61.2
119 31.1 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: VY000576.D
Acq: 07 Nov 2019 13:36

Tgt Ion:152 Resp: 156148
Ion Ratio Lower Upper
152 100
115 58.7 29.1 87.4
150 154.8 0.0 348.8

