

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000553.D
 Acq On : 06 Nov 2019 15:54
 Operator : SY/MD
 Sample : K5710-10
 Misc : 6.51G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP- 32-D2

Quant Time: Nov 07 06:06:53 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

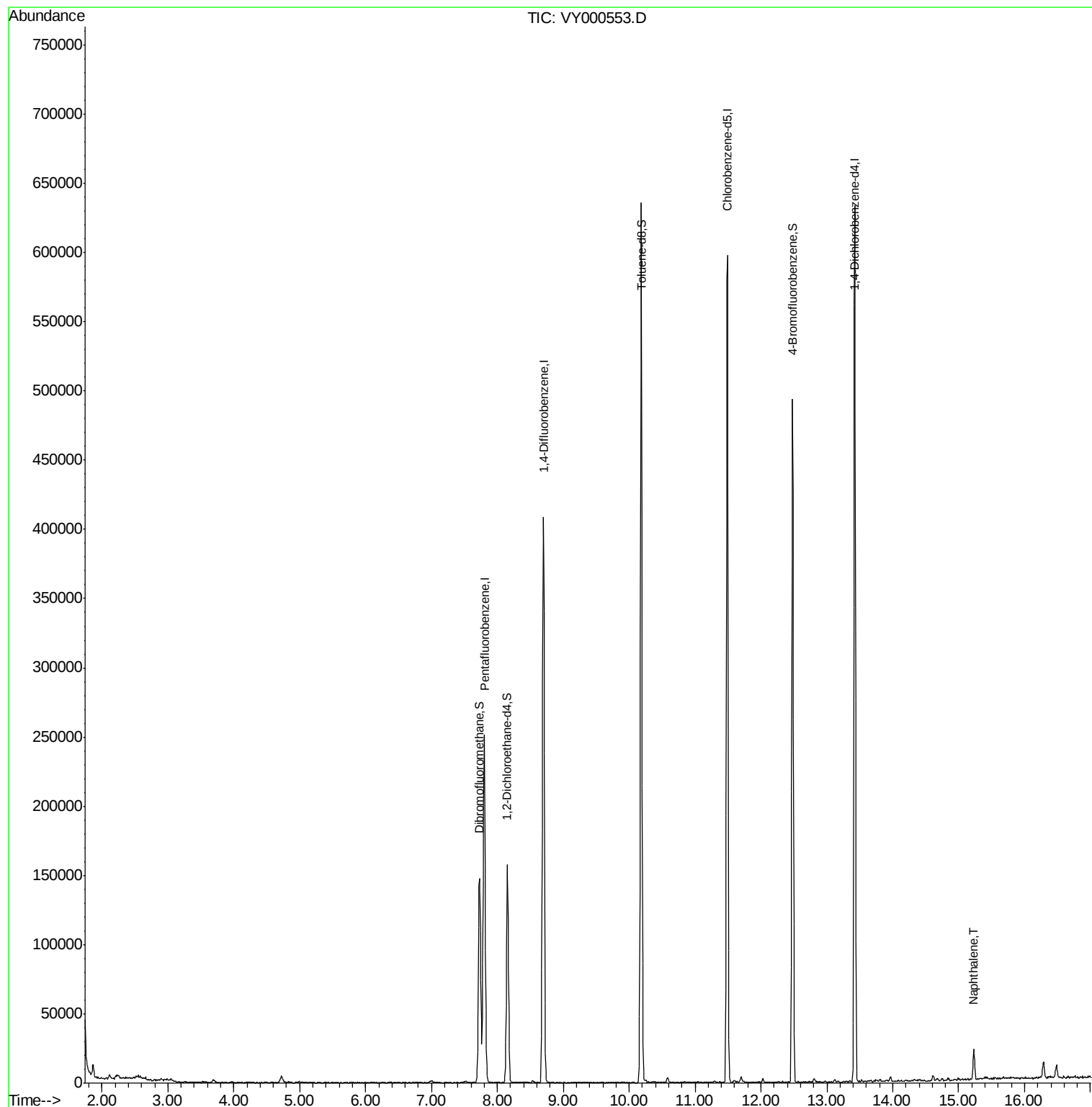
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	193881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	347046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	319729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	151347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	118249	58.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.88%	
35) Dibromofluoromethane	7.72	113	103904	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
50) Toluene-d8	10.18	98	409522	52.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.94%	
62) 4-Bromofluorobenzene	12.48	95	140743	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
Target Compounds						
95) Naphthalene	15.23	128	15566	2.284	ug/l	Qvalue 95

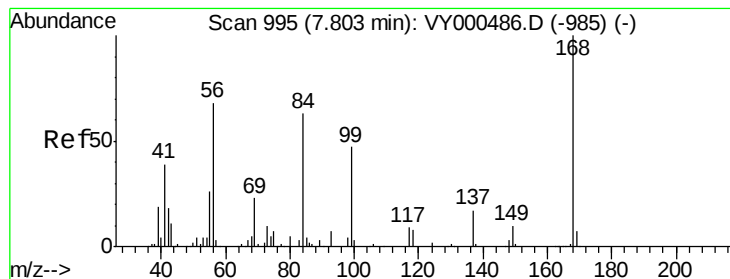
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000553.D

Acq: 06 Nov 2019 15:54

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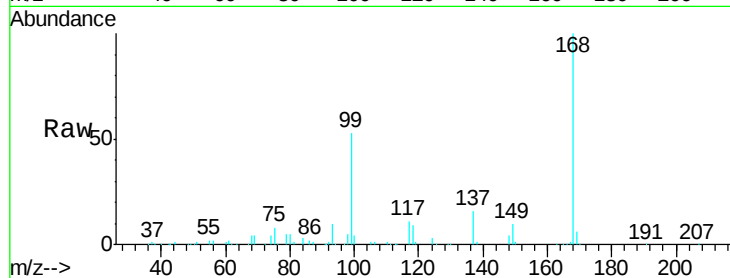
TP- 32-D2

Tgt Ion:168 Resp: 193881

Ion Ratio Lower Upper

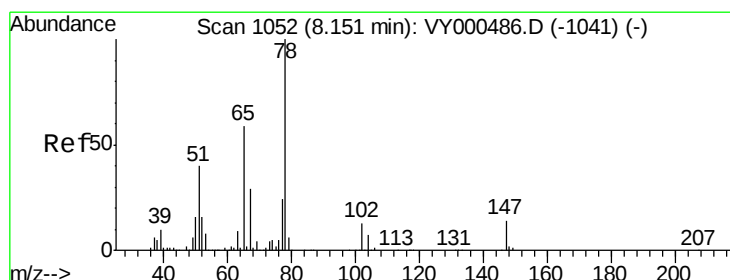
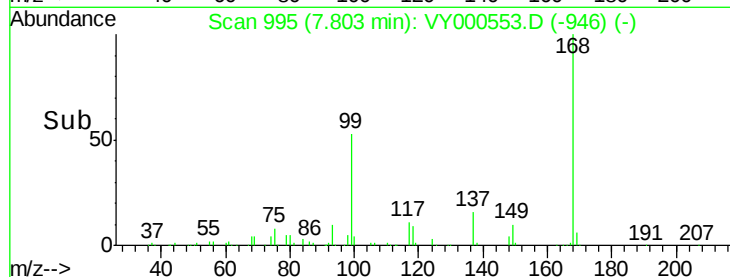
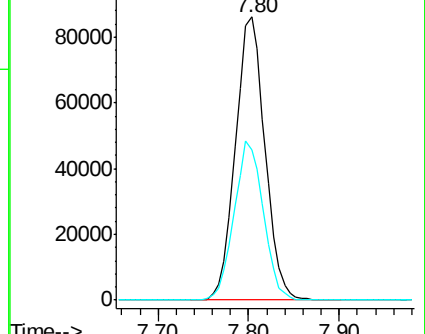
168 100

99 53.1 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) (-)



#33

1,2-Dichloroethane-d4

Concen: 58.935 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY000553.D

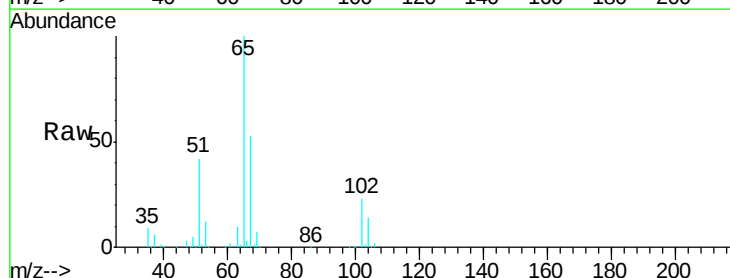
Acq: 06 Nov 2019 15:54

Tgt Ion: 65 Resp: 118249

Ion Ratio Lower Upper

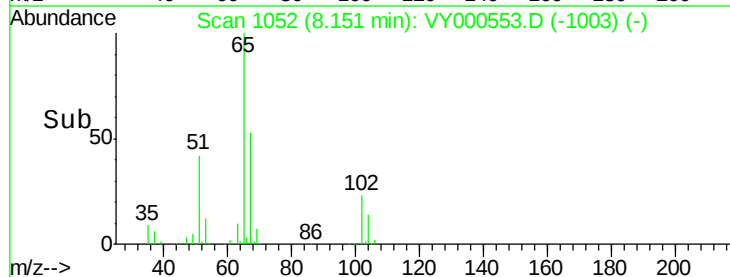
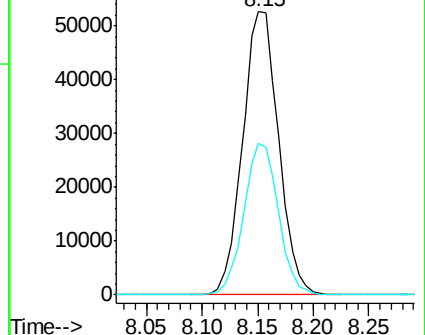
65 100

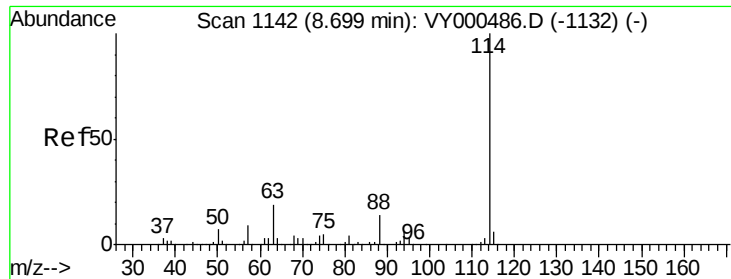
67 51.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY000486.D (-1041) (-)

Ion 66.90 (66.60 to 67.60): VY000486.D (-1041) (-)

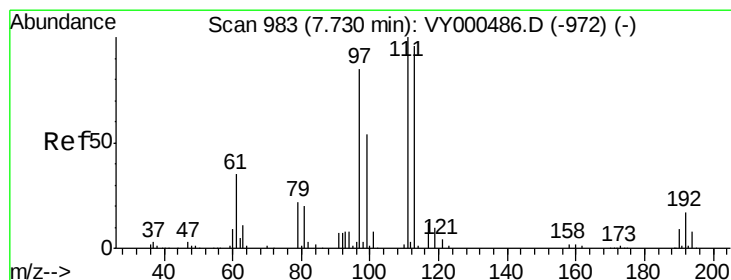
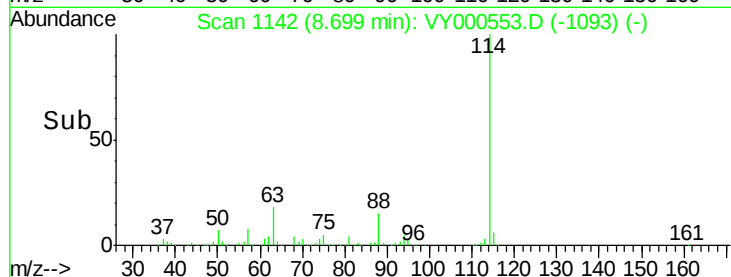
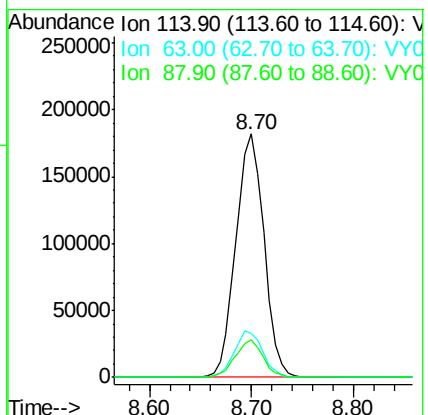
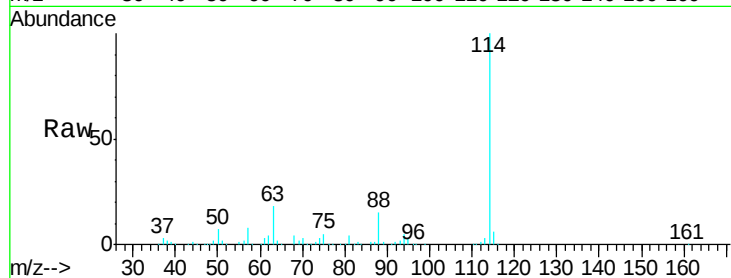




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000553.D
 Acq: 06 Nov 2019 15:54

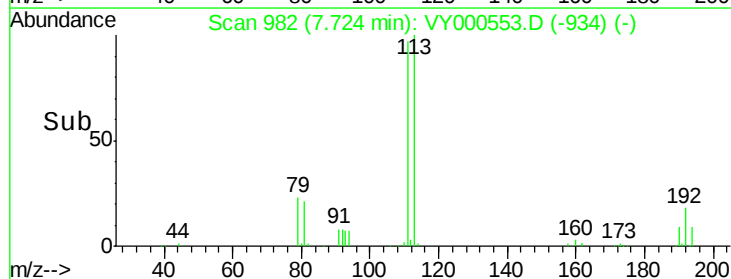
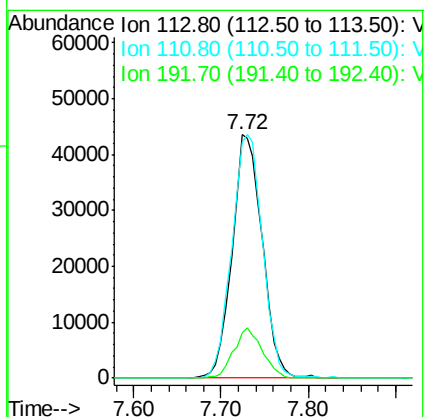
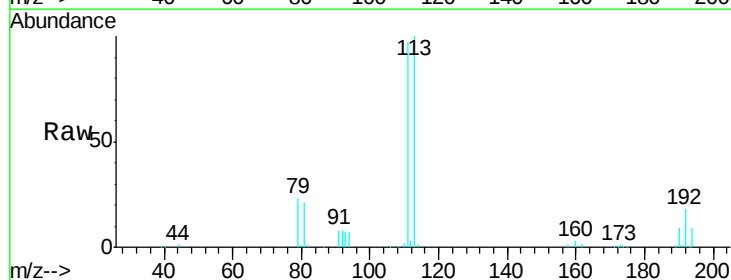
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP- 32-D2

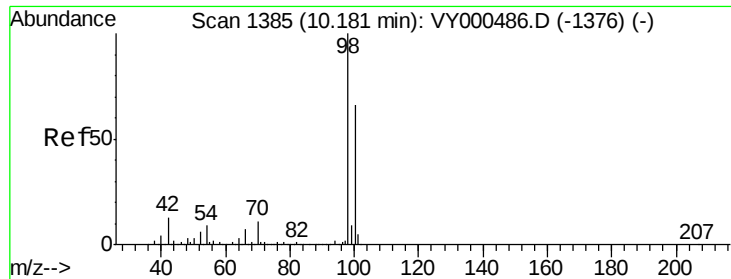
Tgt Ion:114 Resp: 347046
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.0
 88 15.3 0.0 28.6



#35
 Dibromofluoromethane
 Concen: 50.999 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000553.D
 Acq: 06 Nov 2019 15:54

Tgt Ion:113 Resp: 103904
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.7 122.5
 192 19.6 15.0 22.4





#50

Toluene-d8

Concen: 52.973 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY000553.D

Acq: 06 Nov 2019 15:54

Instrument :

MSVOA_Y

ClientSampleId :

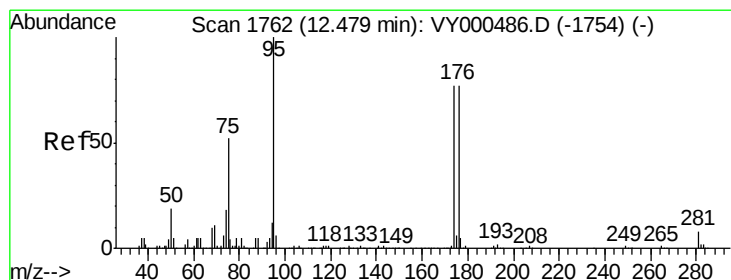
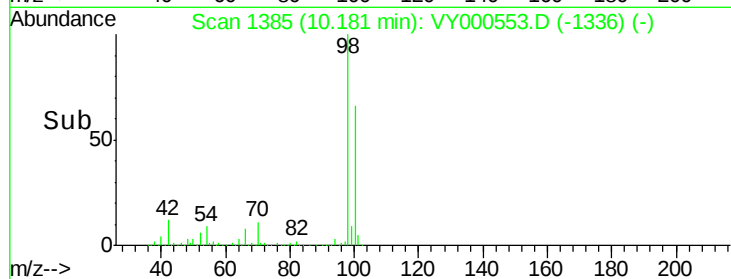
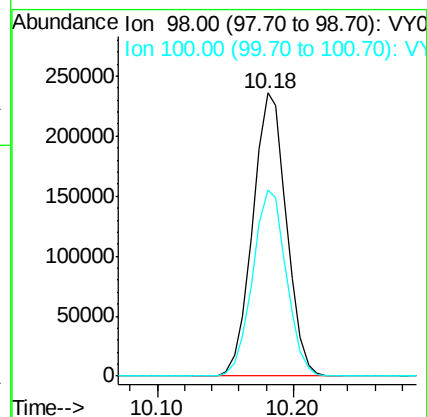
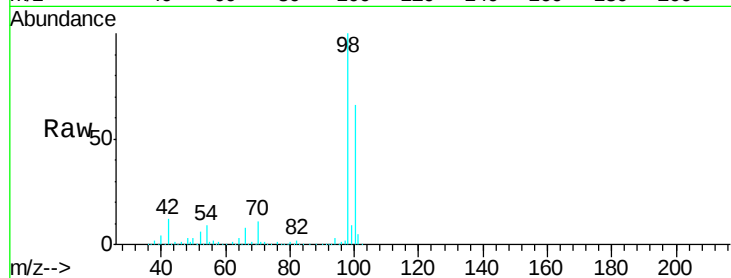
TP- 32-D2

Tgt Ion: 98 Resp: 409522

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.822 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000553.D

Acq: 06 Nov 2019 15:54

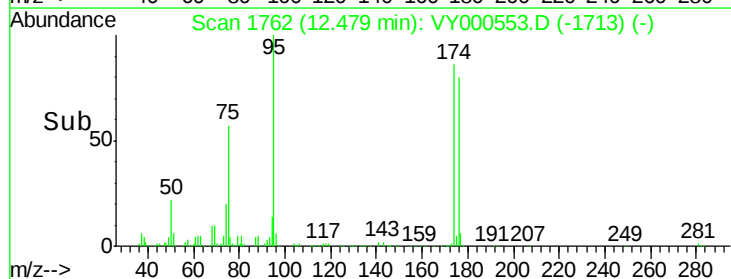
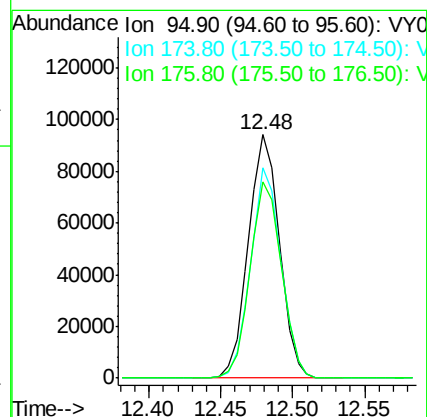
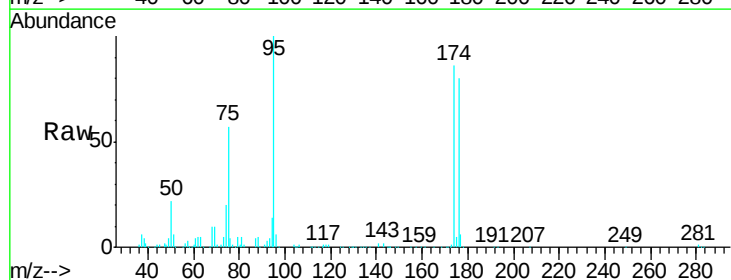
Tgt Ion: 95 Resp: 140743

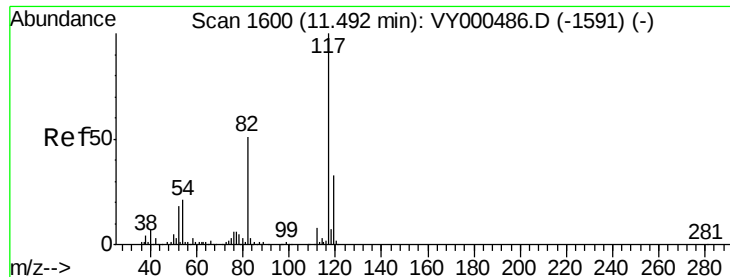
Ion Ratio Lower Upper

95 100

174 84.1 0.0 161.6

176 81.2 0.0 157.8

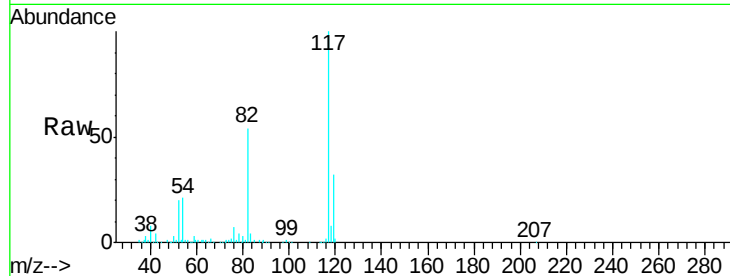




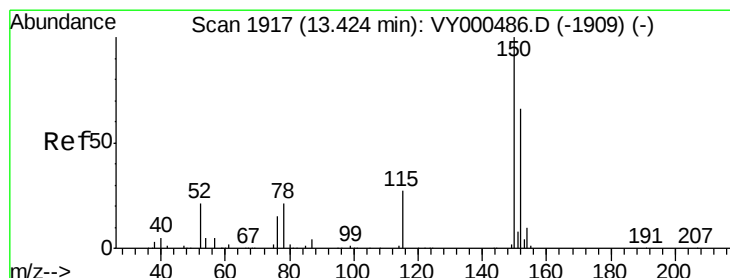
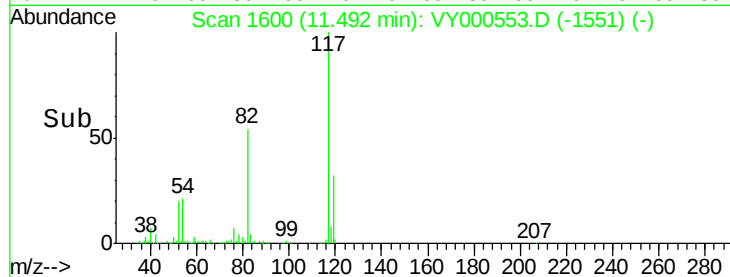
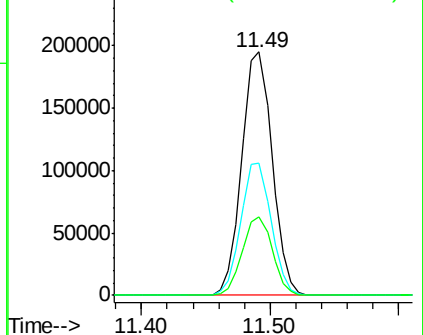
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000553.D
Acq: 06 Nov 2019 15:54

Instrument :
MSVOA_Y
ClientSampleId :
TP- 32-D2

Tgt Ion:117 Resp: 319729
Ion Ratio Lower Upper
117 100
82 54.2 40.8 61.2
119 32.3 26.2 39.2

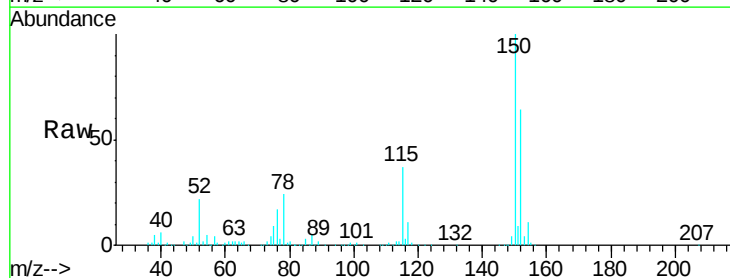


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

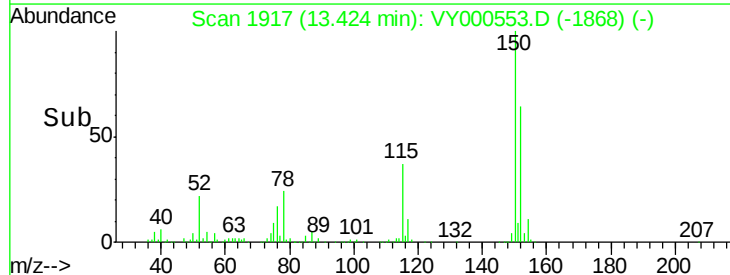
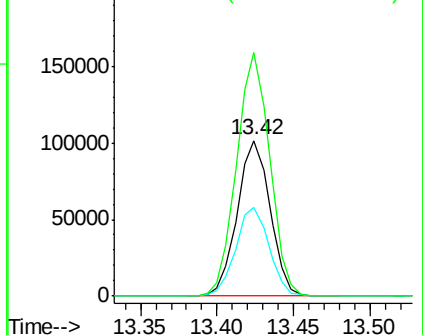


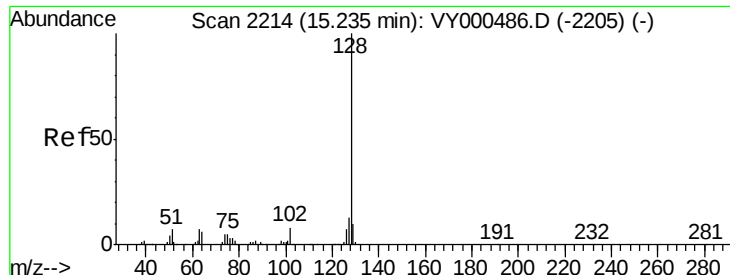
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY000553.D
Acq: 06 Nov 2019 15:54

Tgt Ion:152 Resp: 151347
Ion Ratio Lower Upper
152 100
115 57.7 29.1 87.4
150 157.9 0.0 348.8



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





#95

Naphthalene

Concen: 2.284 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY000553.D

Acq: 06 Nov 2019 15:54

Instrument :

MSVOA_Y

ClientSampleId :

TP- 32-D2

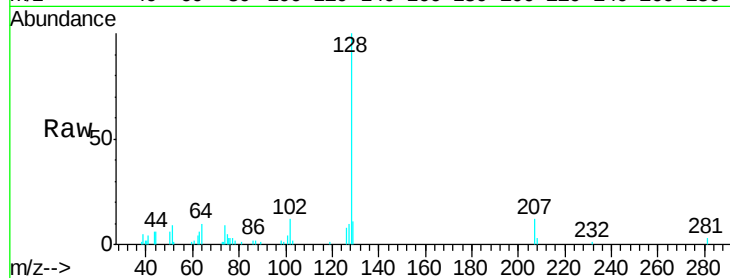
Tgt Ion:128 Resp: 15566

Ion Ratio Lower Upper

128 100

127 10.1 9.8 14.6

129 12.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

