

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001379.D
 Acq On : 24 Jan 2020 14:06
 Operator : SY/MD
 Sample : L1237-01
 Misc : 5.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PATERSON-UST

Quant Time: Jan 25 04:23:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

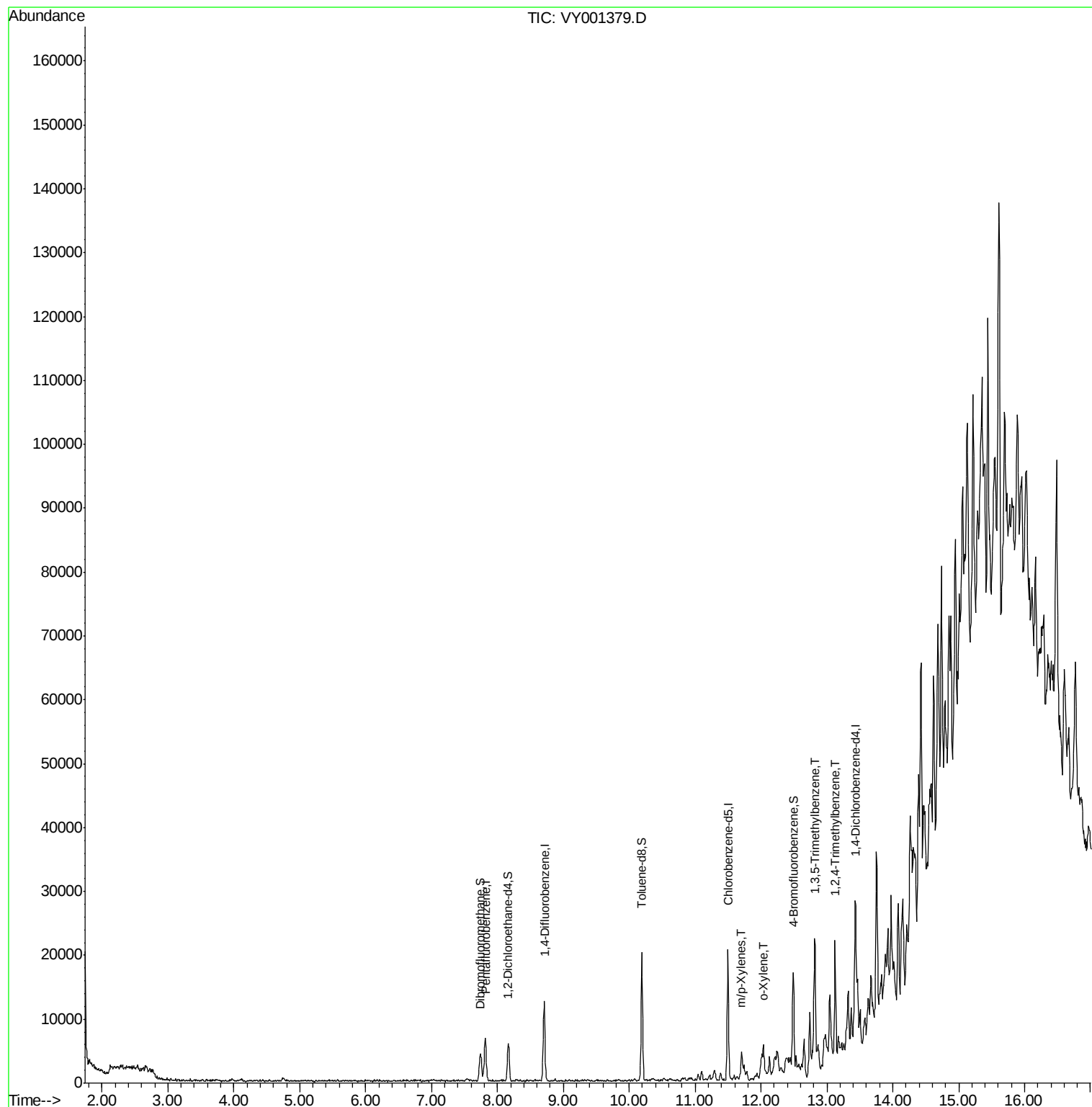
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	5599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	10959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	10587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	5112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	4411	72.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	144.80%	
35) Dibromofluoromethane	7.74	113	3169	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
50) Toluene-d8	10.19	98	12747	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	12.48	95	5454	54.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.62%	
Target Compounds						
68) m/p-Xylenes	11.70	106	1232	8.021	ug/l	95
69) o-Xylene	12.03	106	1129	7.641	ug/l	95
80) 1,3,5-Trimethylbenzene	12.82	105	5736	17.035	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	9296	27.499	ug/l	97

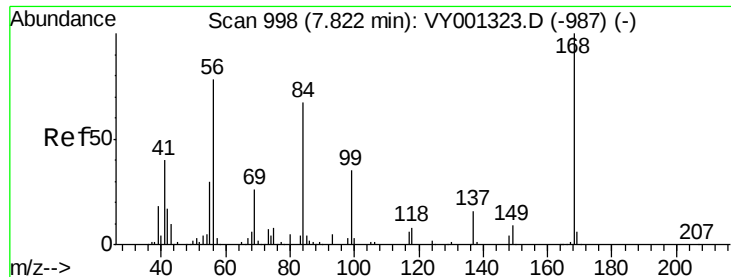
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.00 min

Lab File: VY001379.D

Acq: 24 Jan 2020 14:06

Instrument :

MSVOA_Y

ClientSampleId :

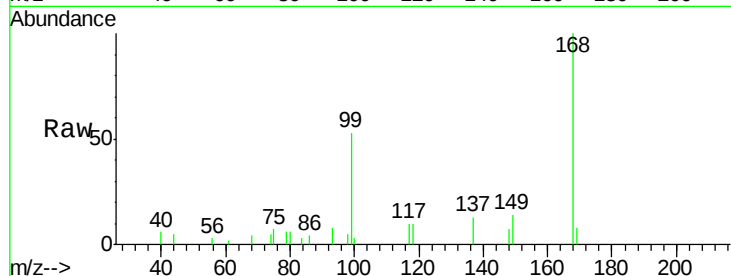
PATERSON-UST

Tot Ion:168 Resp: 5599

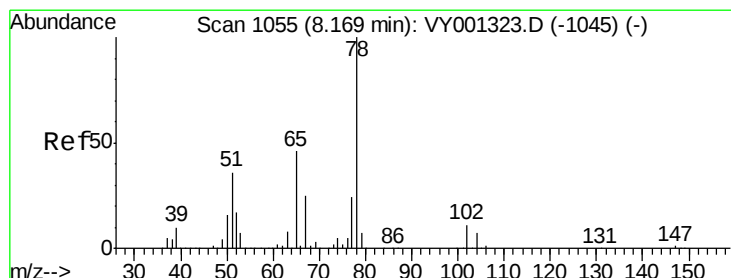
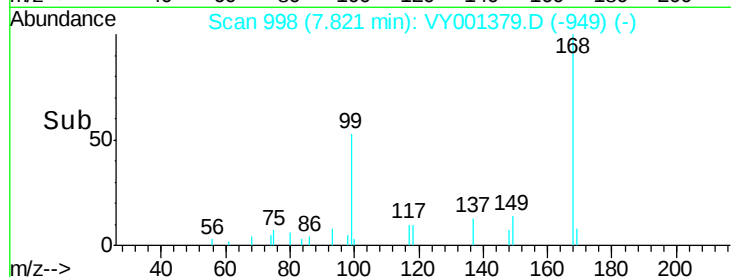
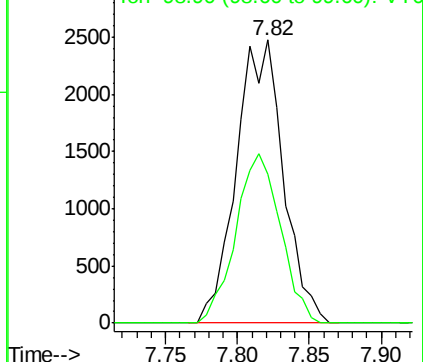
Ion Ratio Lower Upper

168 100

99 52.5 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001379.D (-949) (-)



#33

1,2-Dichloroethane-d4

Concen: 72.401 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001379.D

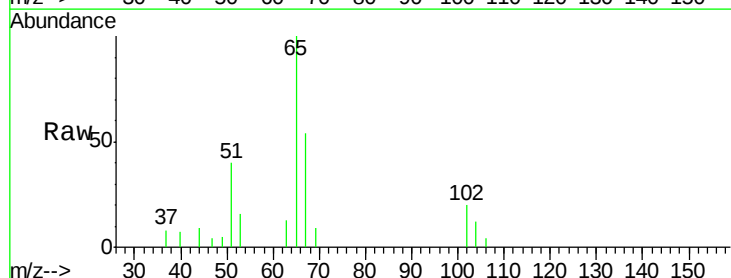
Acq: 24 Jan 2020 14:06

Tgt Ion: 65 Resp: 4411

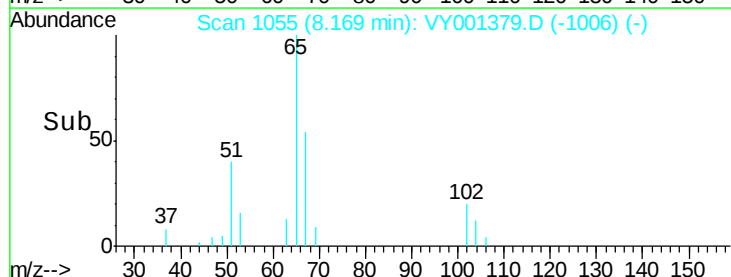
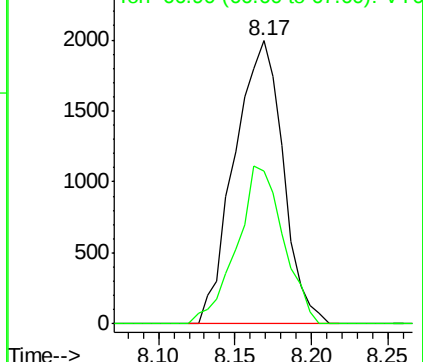
Ion Ratio Lower Upper

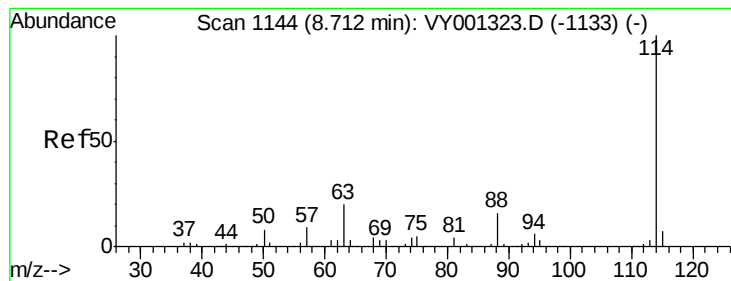
65 100

67 53.4 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001379.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001379.D

Acq: 24 Jan 2020 14:06

Instrument :

MSVOA_Y

ClientSampleId :

PATERSON-UST

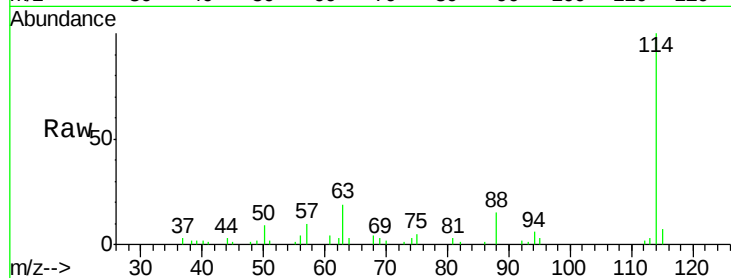
Tot Ion:114 Resp: 10959

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.8

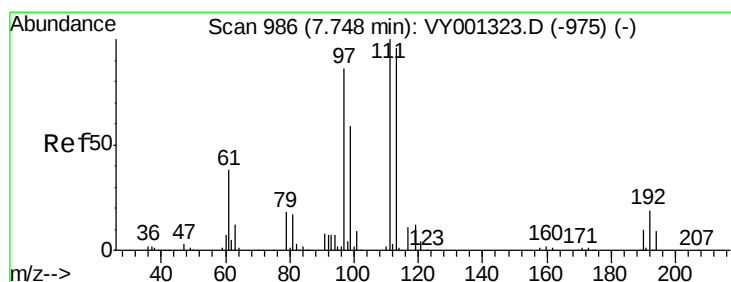
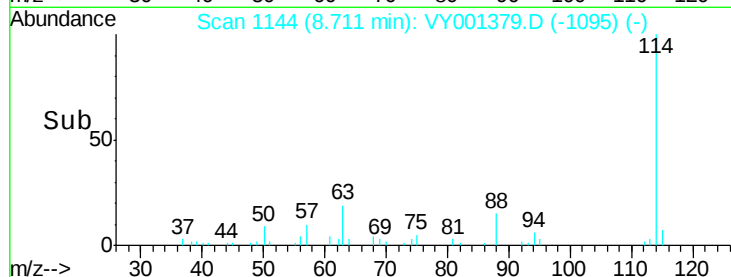
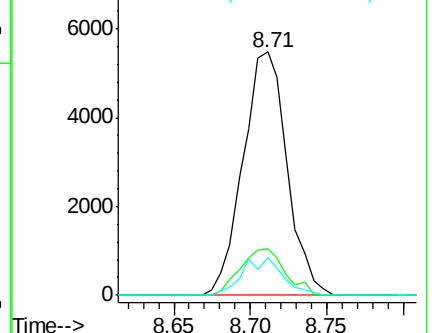
88 15.2 0.0 31.0



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: 49.269 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001379.D

Acq: 24 Jan 2020 14:06

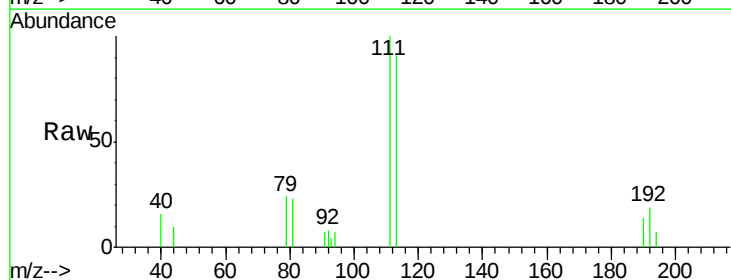
Tgt Ion:113 Resp: 3169

Ion Ratio Lower Upper

113 100

111 106.3 82.8 124.2

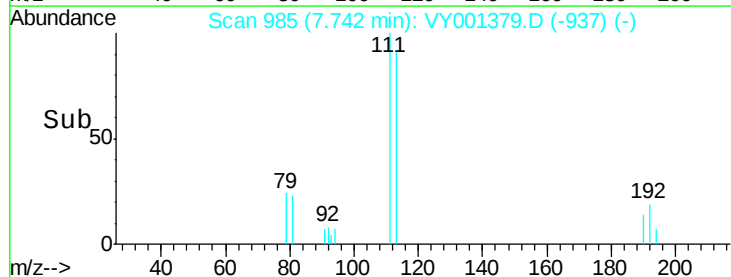
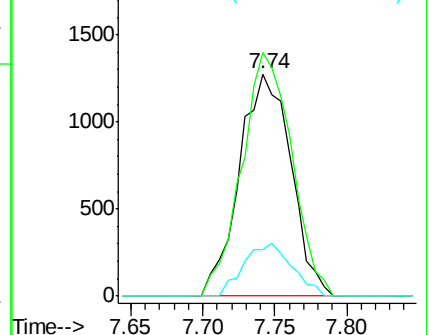
192 22.1 15.5 23.3

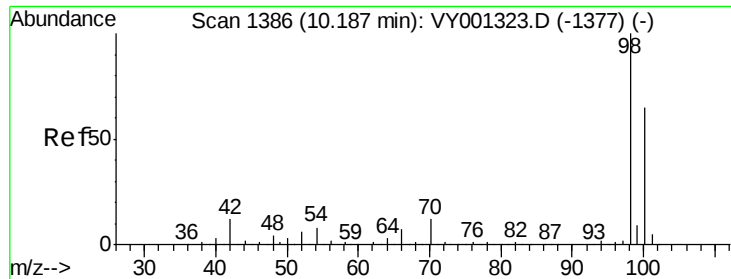


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.009 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001379.D

Acq: 24 Jan 2020 14:06

Instrument :

MSVOA_Y

ClientSampleId :

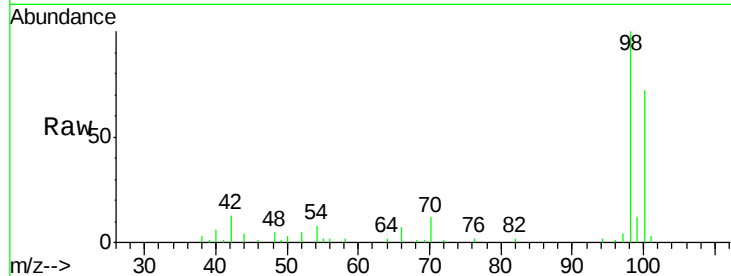
PATERSON-UST

Tot Ion: 98 Resp: 12747

Ion Ratio Lower Upper

98 100

100 65.7 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

8000

6000

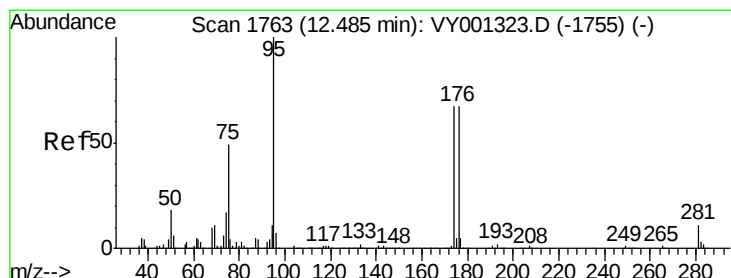
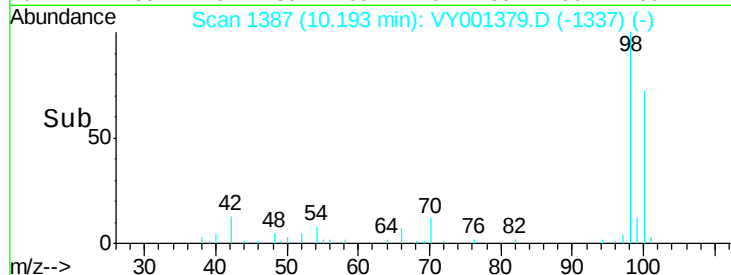
4000

2000

0

10.10 10.15 10.20 10.25

Time-->



#62

4-Bromofluorobenzene

Concen: 54.805 ug/l

RT: 12.48 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001379.D

Acq: 24 Jan 2020 14:06

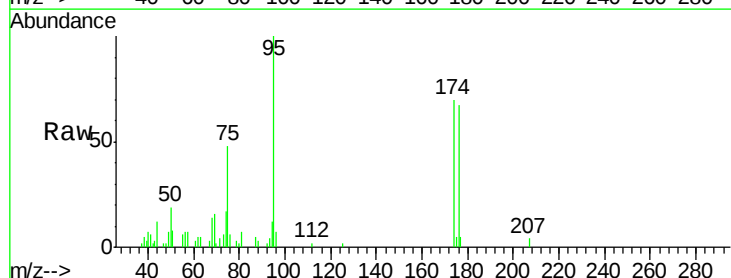
Tgt Ion: 95 Resp: 5454

Ion Ratio Lower Upper

95 100

174 70.8 0.0 142.0

176 67.5 0.0 138.6



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

4000

3000

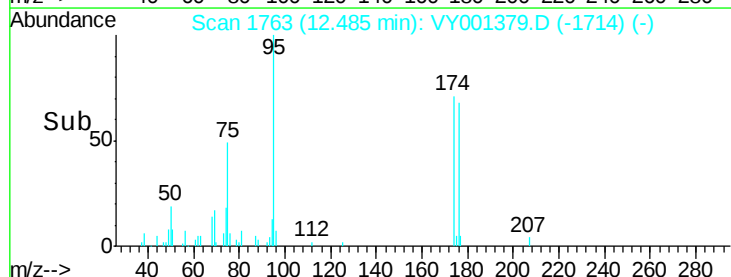
2000

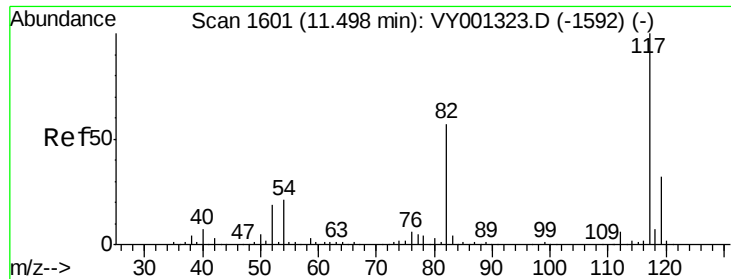
1000

0

12.45 12.50 12.55

Time-->

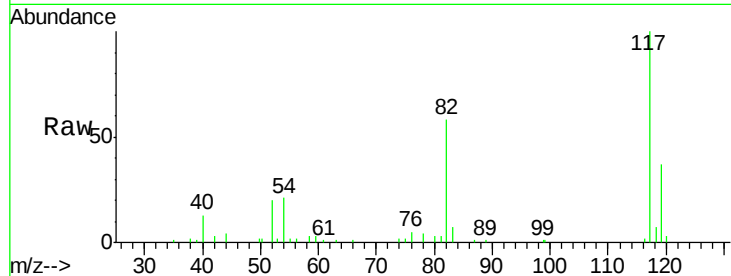




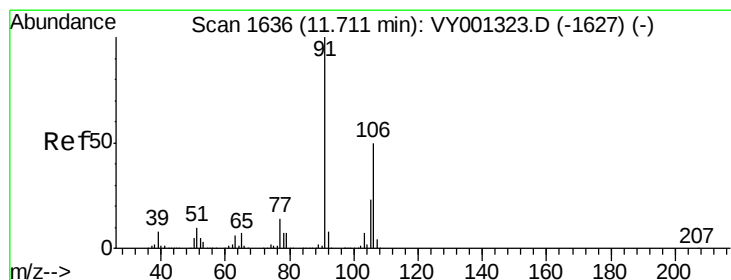
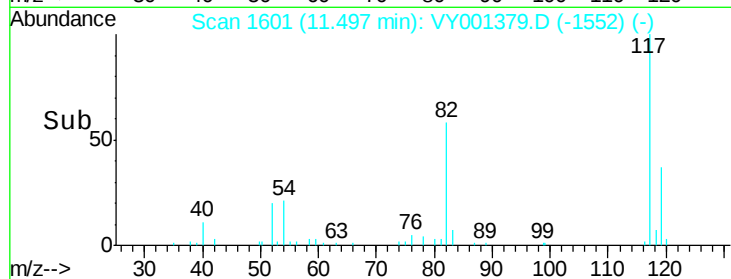
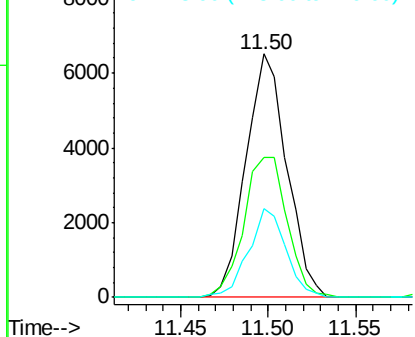
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001379.D
Acq: 24 Jan 2020 14:06

Instrument :
MSVOA_Y
ClientSampleId :
PATERSON-UST

Tot Ion:117 Resp: 10587
Ion Ratio Lower Upper
117 100
82 57.6 45.5 68.3
119 36.6 25.8 38.6

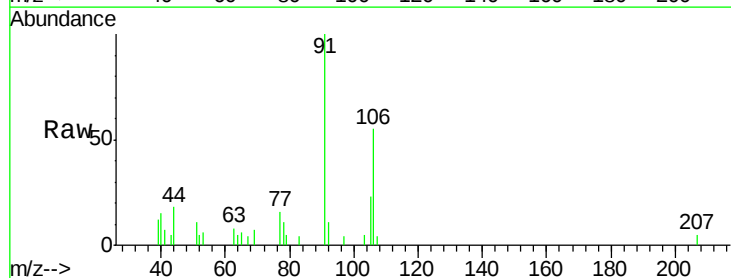


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

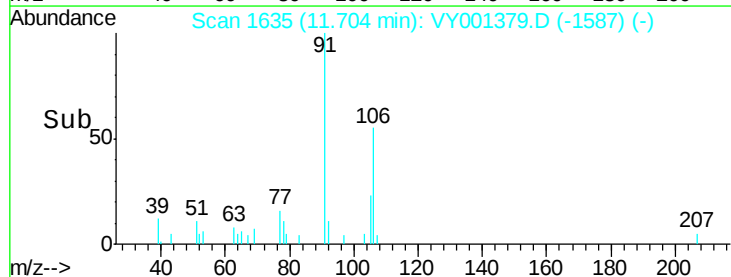
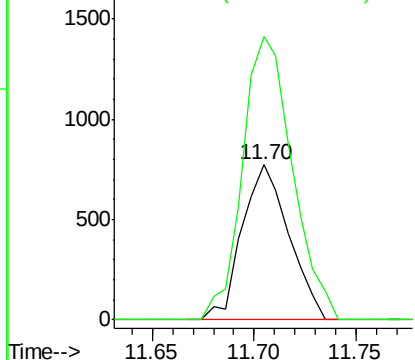


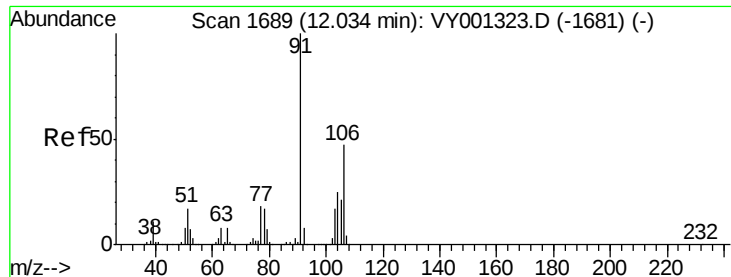
#68
m/p-Xylenes
Concen: 8.021 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001379.D
Acq: 24 Jan 2020 14:06

Tgt Ion:106 Resp: 1232
Ion Ratio Lower Upper
106 100
91 195.2 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

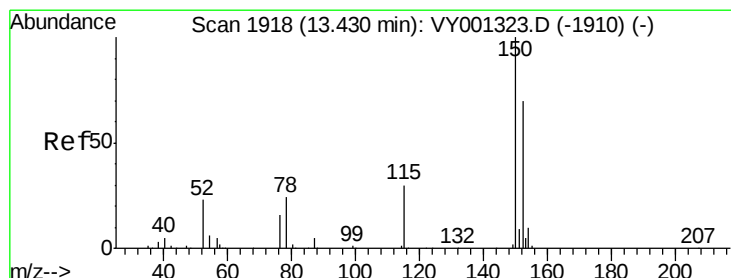
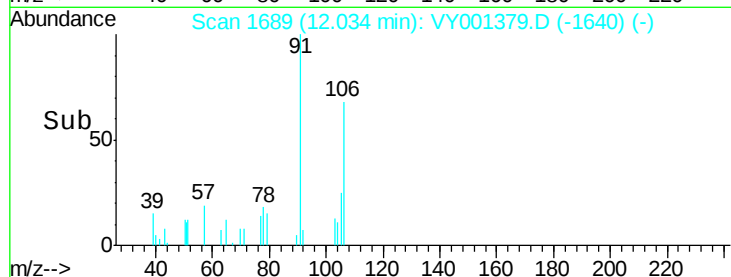
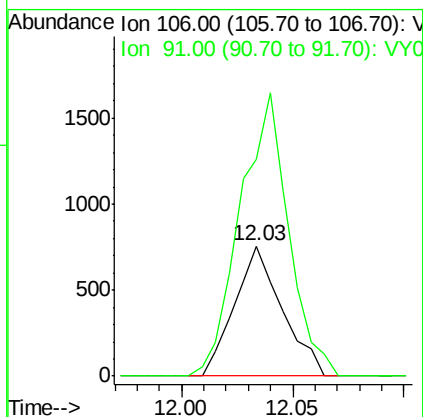
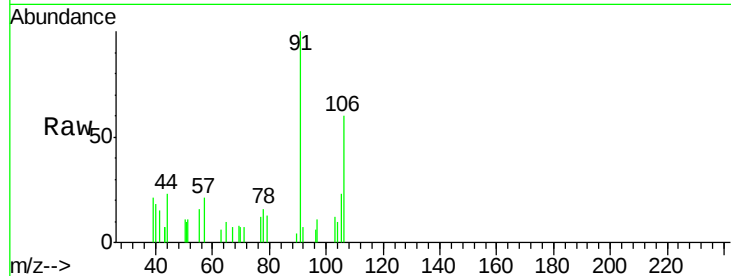




#69
o-Xylene
Concen: 7.641 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001379.D
Acq: 24 Jan 2020 14:06

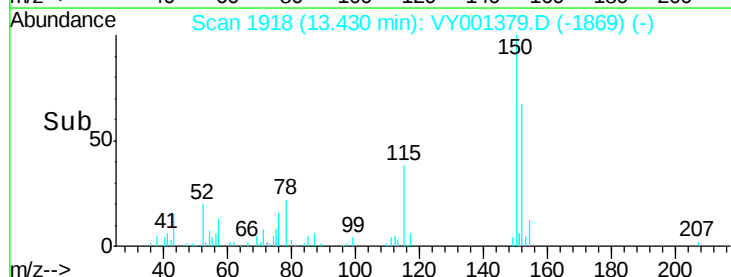
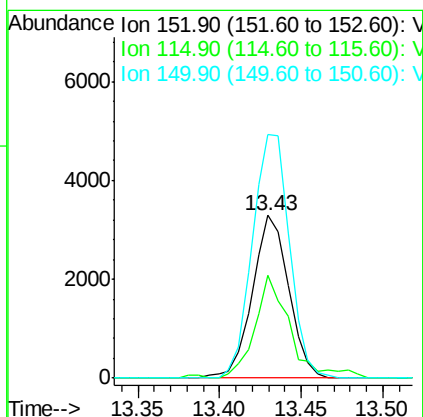
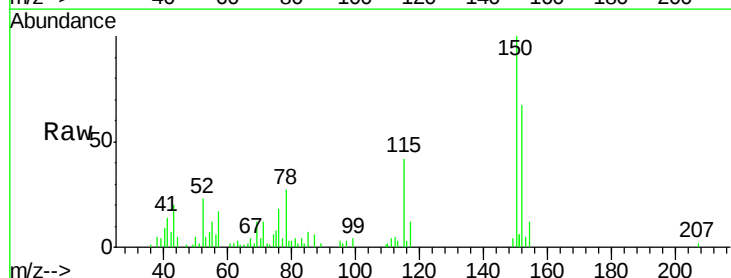
Instrument :
MSVOA_Y
ClientSampled :
PATERSON-UST

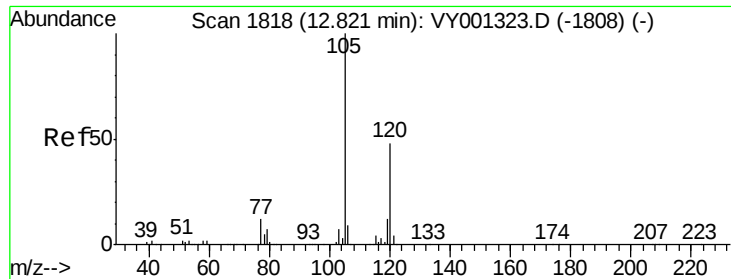
Tot Ion:106 Resp: 1129
Ion Ratio Lower Upper
106 100
91 220.7 106.3 319.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001379.D
Acq: 24 Jan 2020 14:06

Tgt Ion:152 Resp: 5112
Ion Ratio Lower Upper
152 100
115 61.6 30.9 92.8
150 152.7 0.0 349.2

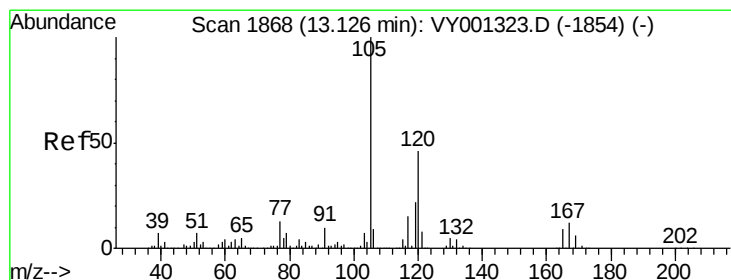
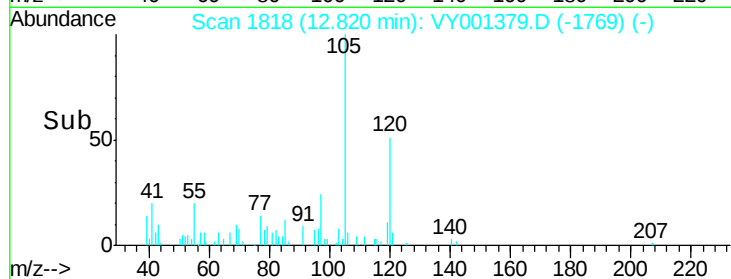
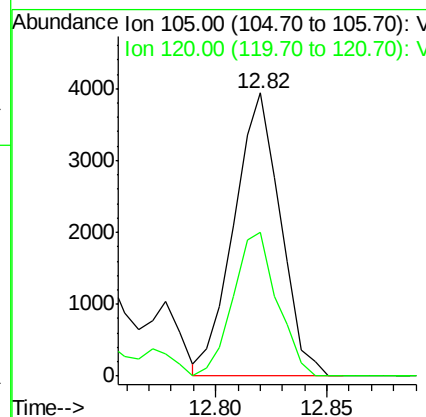
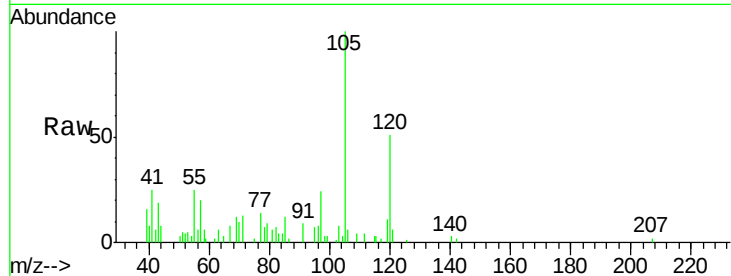




#80
 1,3,5-Trimethylbenzene
 Concen: 17.035 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VY001379.D
 Acq: 24 Jan 2020 14:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 PATERSON-UST

Tot Ion:105 Resp: 5736
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.3 72.9



#84
 1,2,4-Trimethylbenzene
 Concen: 27.499 ug/l
 RT: 13.12 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY001379.D
 Acq: 24 Jan 2020 14:06

Tgt Ion:105 Resp: 9296
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.4 67.3

