

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001381.D
 Acq On : 24 Jan 2020 14:50
 Operator : SY/MD
 Sample : L1016-10
 Misc : 5.37G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-012320

Quant Time: Jan 25 04:29:14 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

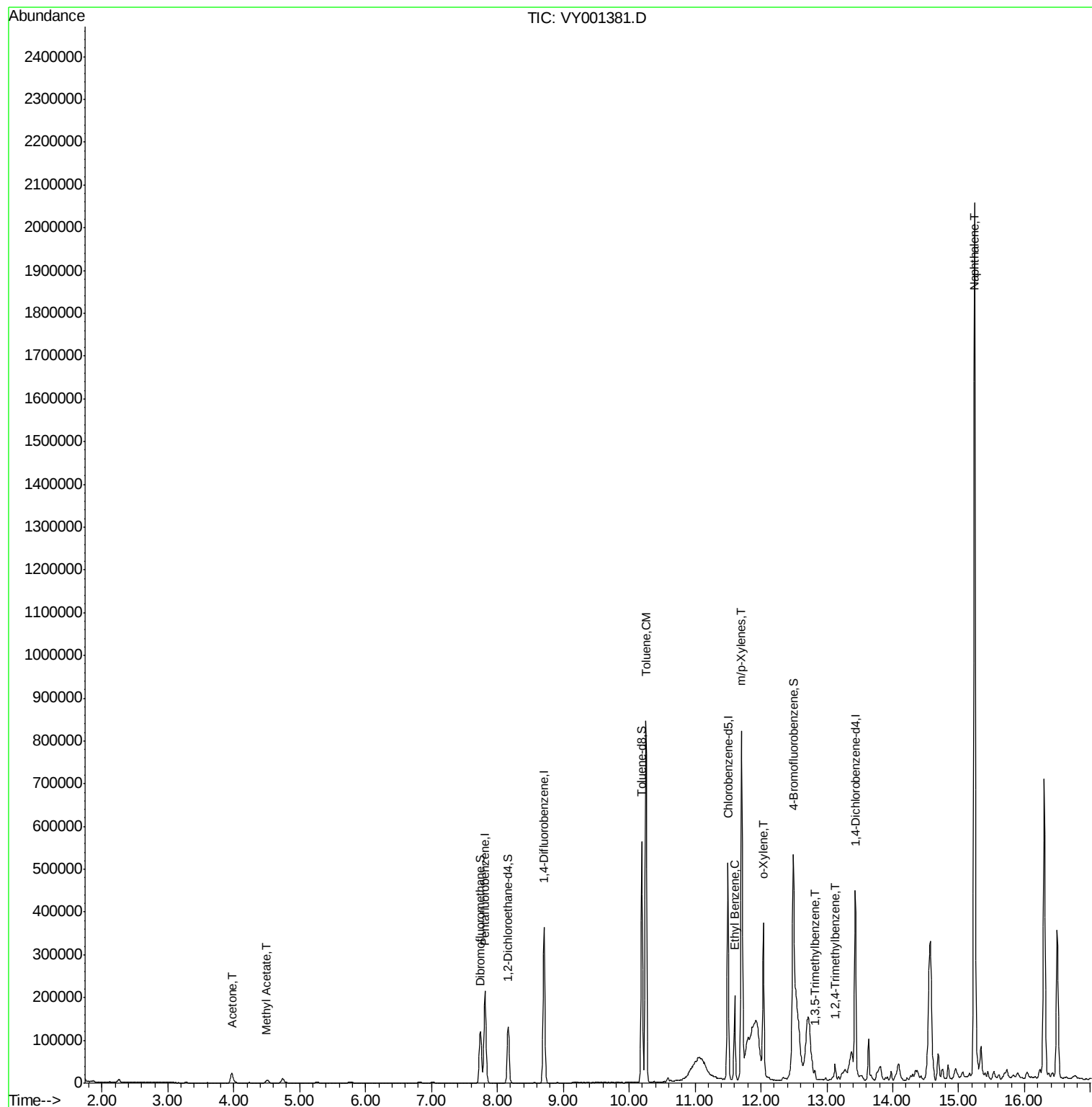
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	167947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	314577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	271092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	104609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	99644	54.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.04%	
35) Dibromofluoromethane	7.74	113	87593	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
50) Toluene-d8	10.19	98	366303	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.49	95	124455	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
Target Compounds						
16) Acetone	3.97	43	42464	83.147	ug/l	92
18) Methyl Acetate	4.50	43	14638	9.498	ug/l	95
52) Toluene	10.25	92	350516	62.051	ug/l	99
67) Ethyl Benzene	11.60	91	137466	13.054	ug/l	100
68) m/p-Xylenes	11.70	106	248553	63.195	ug/l	99
69) o-Xylene	12.03	106	92052	24.329	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	7418	1.077	ug/l	97
84) 1,2,4-Trimethylbenzene	13.13	105	17966	2.597	ug/l	99
95) Naphthalene	15.24	128	1641151	329.311	ug/l	100

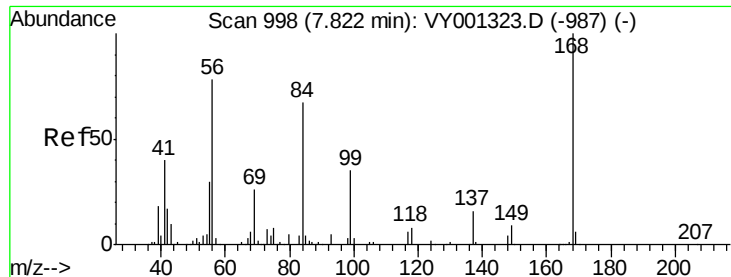
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
Data File : VY001381.D
Acq On : 24 Jan 2020 14:50
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SU-04-012320

Quant Time: Jan 25 04:29:14 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
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# 997

Delta R.T. -0.01 min

Lab File: VY001381.D

Acq: 24 Jan 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

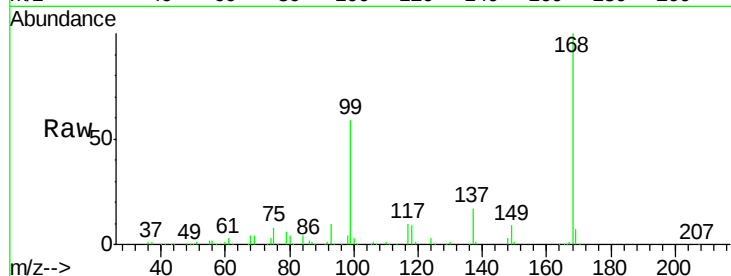
SU-04-012320

Tot Ion:168 Resp: 167947

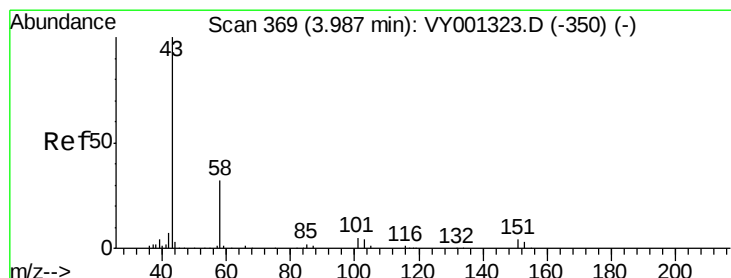
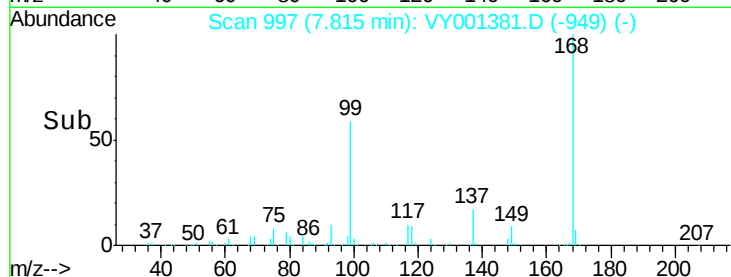
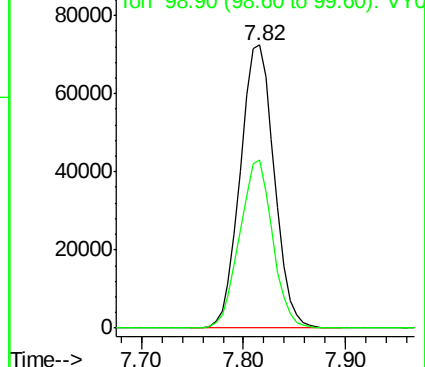
Ion Ratio Lower Upper

168 100

99 59.3 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001381.D (-949) (-)



#16

Acetone

Concen: 83.147 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.02 min

Lab File: VY001381.D

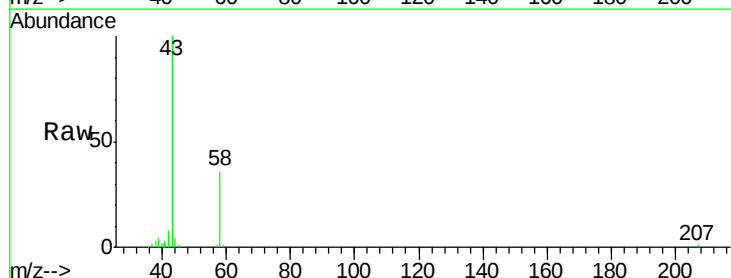
Acq: 24 Jan 2020 14:50

Tgt Ion: 43 Resp: 42464

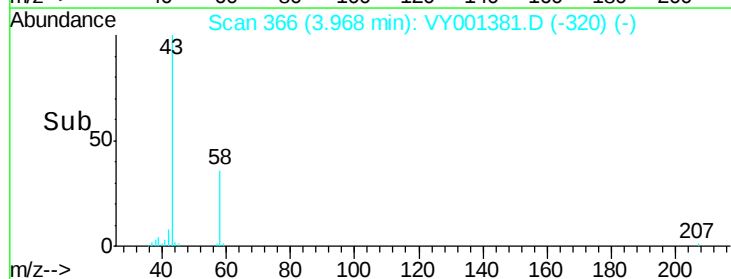
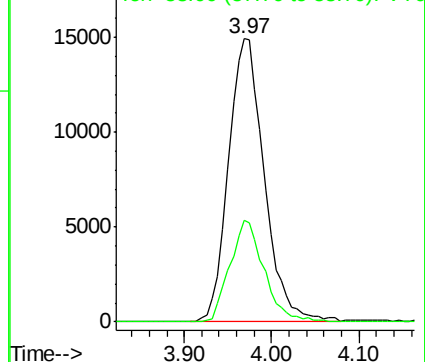
Ion Ratio Lower Upper

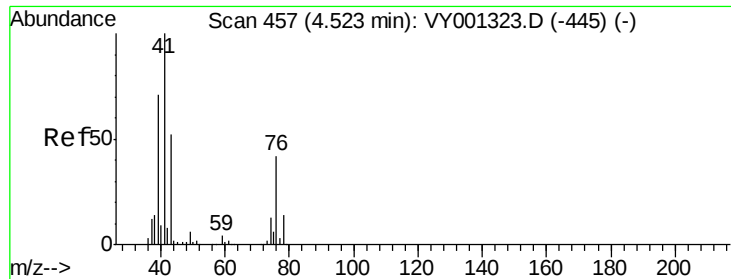
43 100

58 36.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001381.D (-320) (-)

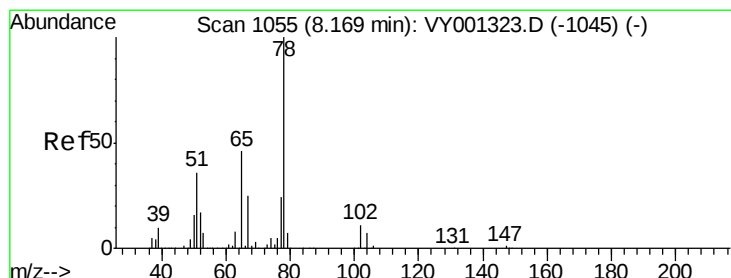
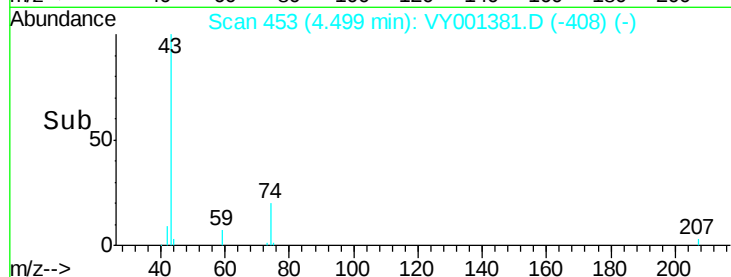
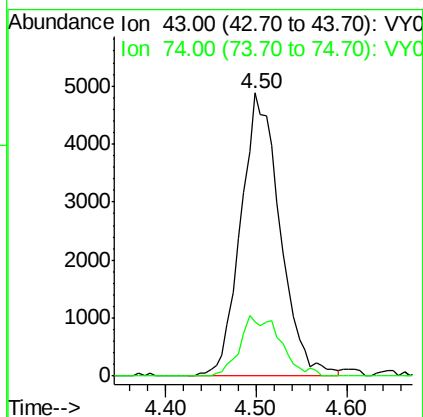
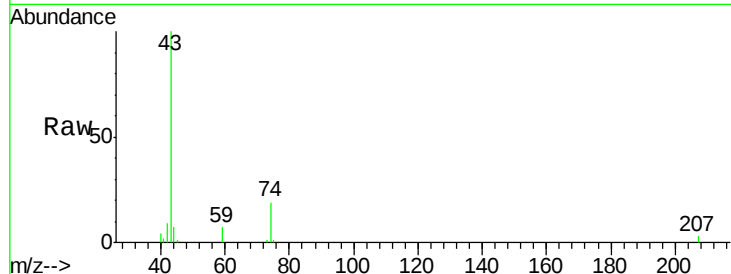




#18
Methvl Acetate
Concen: 9.498 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.02 min
Lab File: VY001381.D
Acq: 24 Jan 2020 14:50

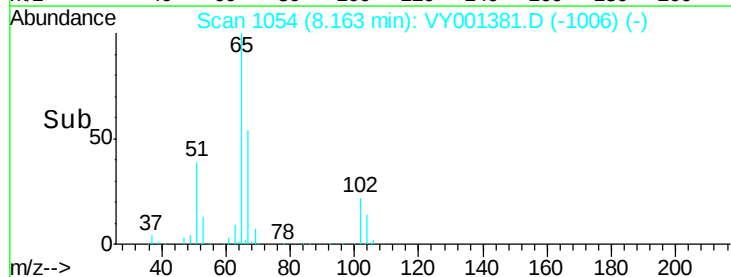
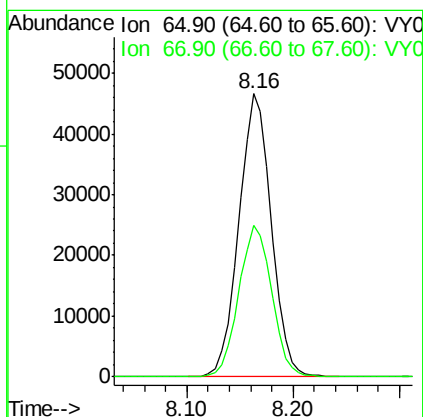
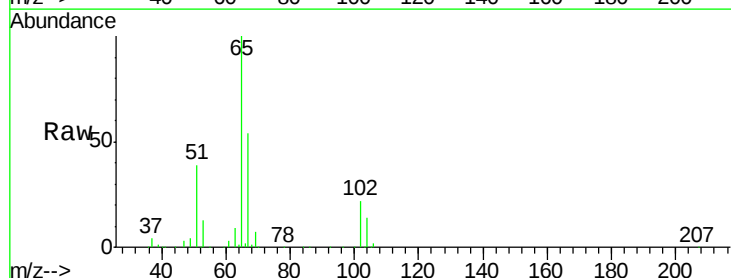
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-012320

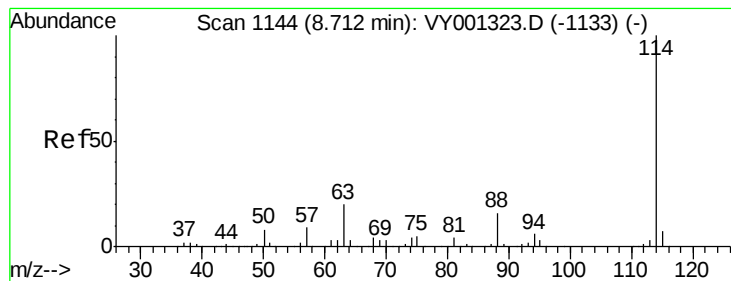
Tot Ion: 43 Resp: 14638
Ion Ratio Lower Upper
43 100
74 21.8 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 54.525 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001381.D
Acq: 24 Jan 2020 14:50

Tgt Ion: 65 Resp: 99644
Ion Ratio Lower Upper
65 100
67 54.4 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001381.D

Acq: 24 Jan 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-012320

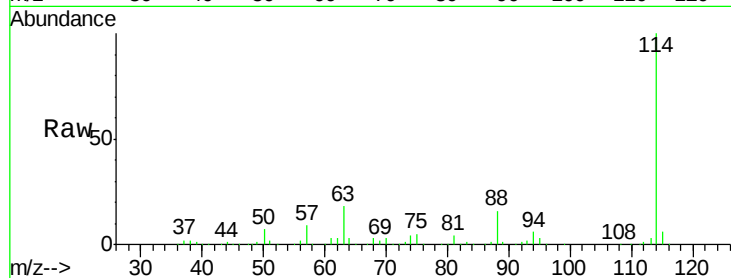
Tot Ion:114 Resp: 314577

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.8

88 16.2 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

8.71

200000

150000

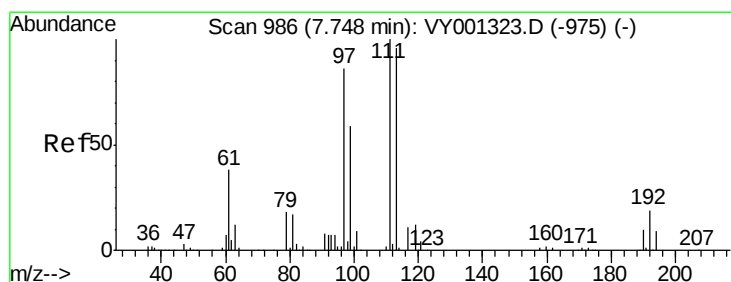
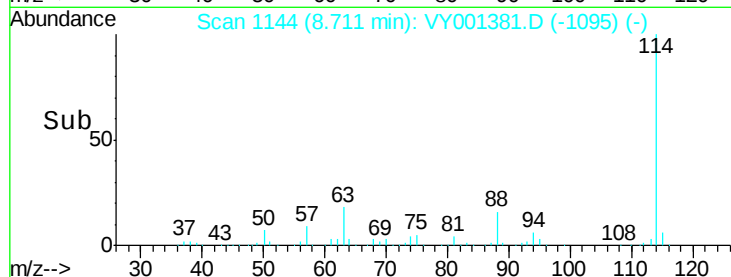
100000

50000

0

8.60 8.70 8.80

Time-->



#35

Dibromofluoromethane

Concen: 47.443 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001381.D

Acq: 24 Jan 2020 14:50

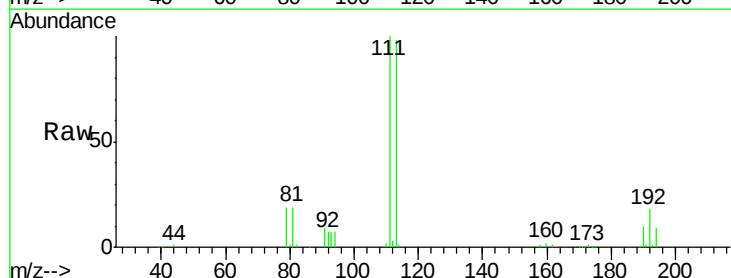
Tgt Ion:113 Resp: 87593

Ion Ratio Lower Upper

113 100

111 104.4 82.8 124.2

192 18.9 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

7.74

50000

40000

30000

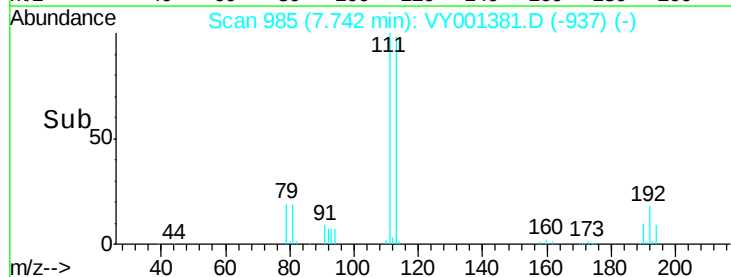
20000

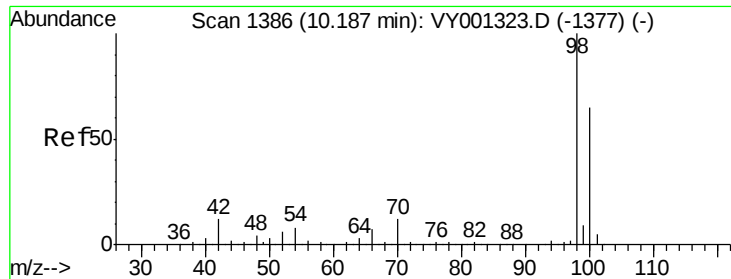
10000

0

7.65 7.70 7.75 7.80

Time-->





#50

Toluene-d8

Concen: 51.065 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001381.D

Acq: 24 Jan 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

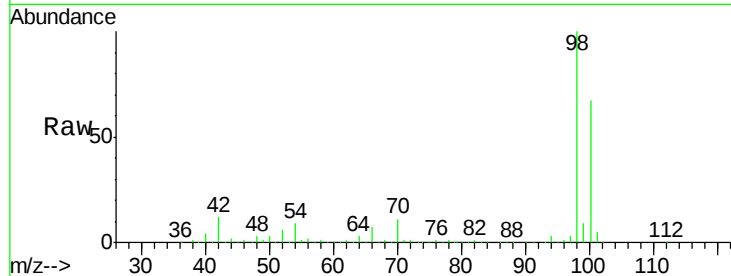
SU-04-012320

Tot Ion: 98 Resp: 366303

Ion Ratio Lower Upper

98 100

100 65.6 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

250000

200000

150000

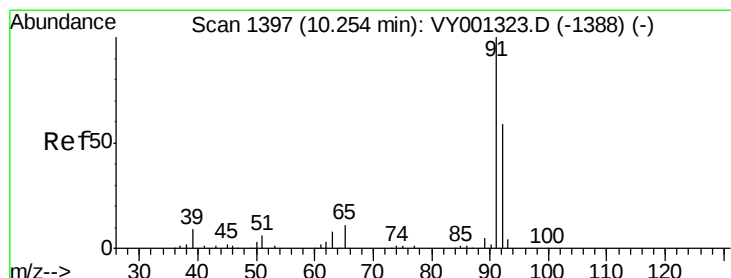
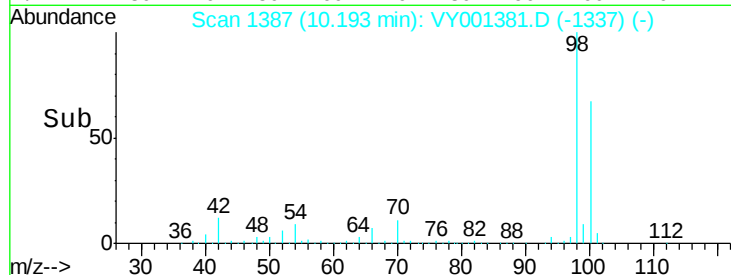
100000

50000

0

10.10 10.20 10.30

Time-->



#52

Toluene

Concen: 62.051 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY001381.D

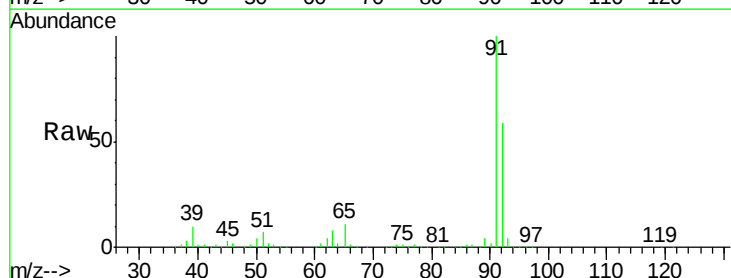
Acq: 24 Jan 2020 14:50

Tgt Ion: 92 Resp: 350516

Ion Ratio Lower Upper

92 100

91 172.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

400000

300000

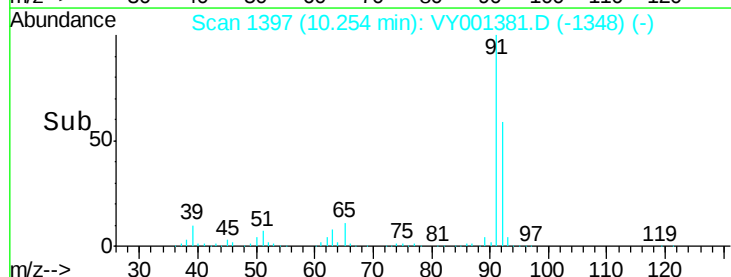
200000

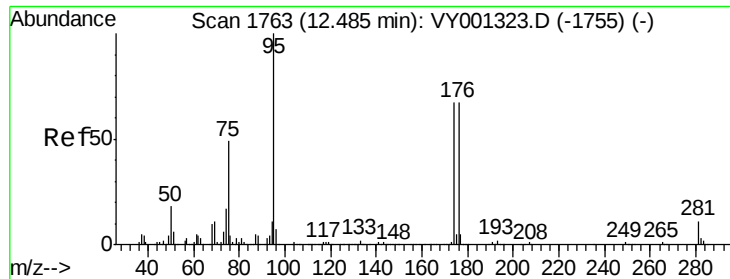
100000

0

10.20 10.30

Time-->

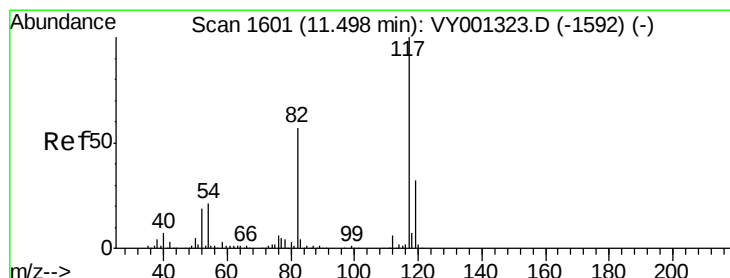
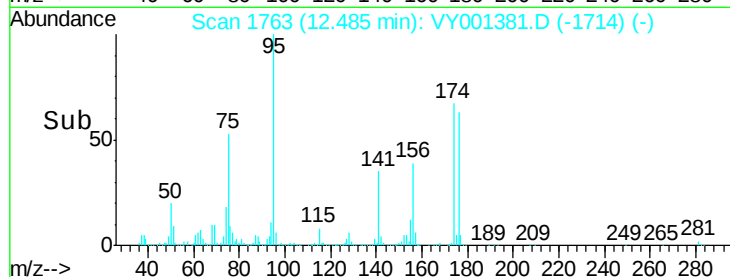
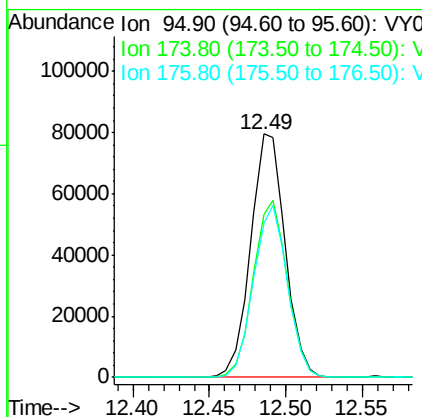
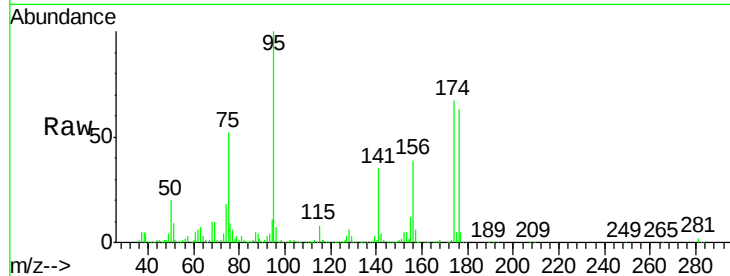




#62
4-Bromofluorobenzene
Concen: 43.567 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001381.D
Acq: 24 Jan 2020 14:50

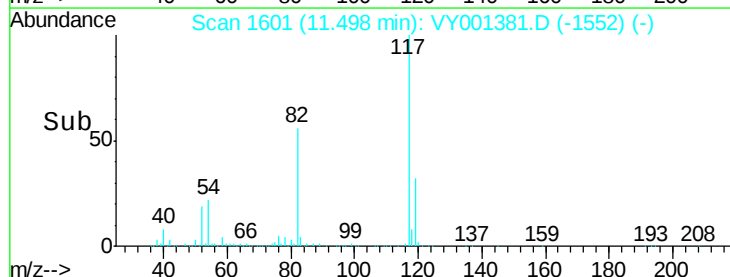
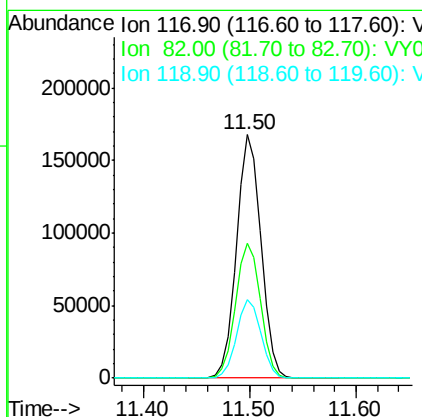
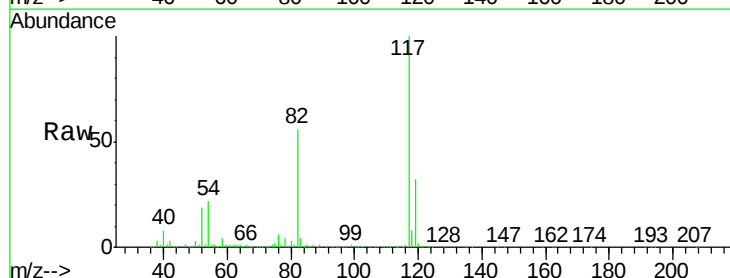
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-012320

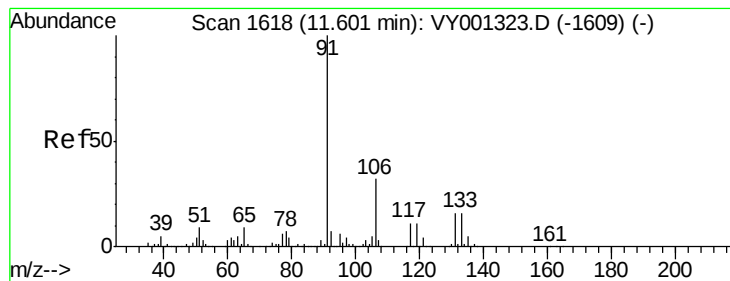
Tot Ion: 95 Resp: 124455
Ion Ratio Lower Upper
95 100
174 72.0 0.0 142.0
176 69.4 0.0 138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001381.D
Acq: 24 Jan 2020 14:50

Tgt Ion: 117 Resp: 271092
Ion Ratio Lower Upper
117 100
82 55.5 45.5 68.3
119 32.0 25.8 38.6





#67

Ethyl Benzene

Concen: 13.054 ug/l

RT: 11.60 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VY001381.D

Acq: 24 Jan 2020 14:50

Instrument :

MSVOA_Y

ClientSampled :

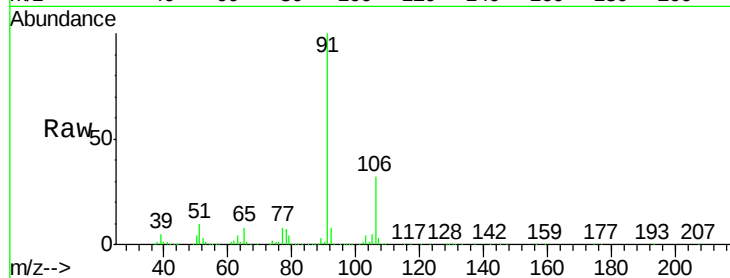
SU-04-012320

Tot Ion: 91 Resp: 137466

Ion Ratio Lower Upper

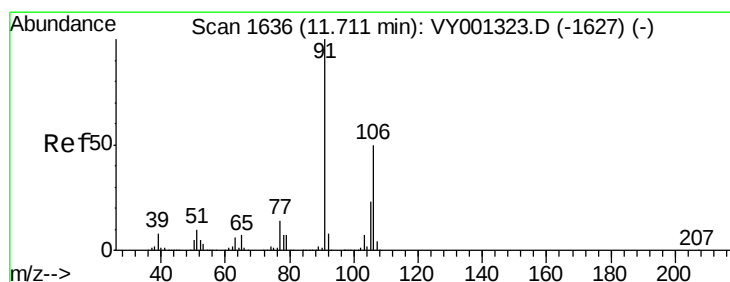
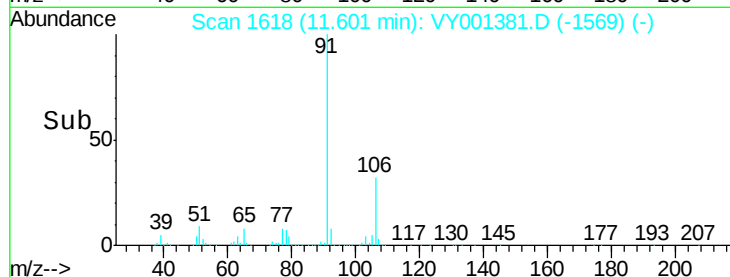
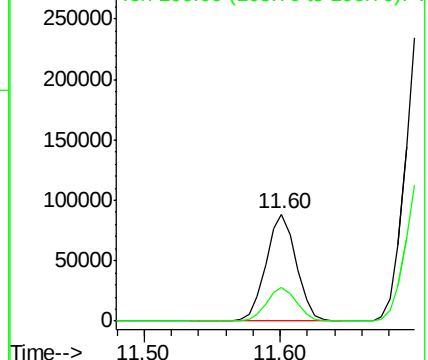
91 100

106 31.8 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 63.195 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VY001381.D

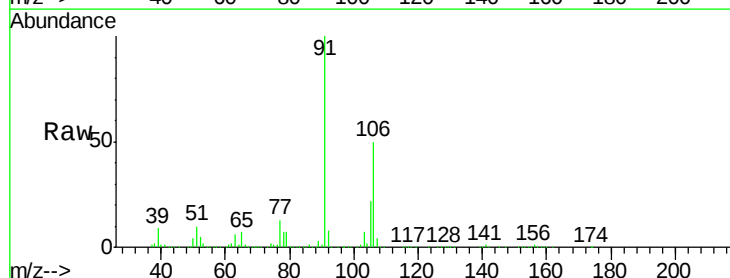
Acq: 24 Jan 2020 14:50

Tgt Ion: 106 Resp: 248553

Ion Ratio Lower Upper

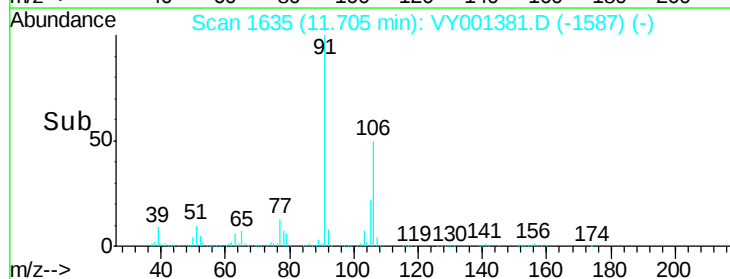
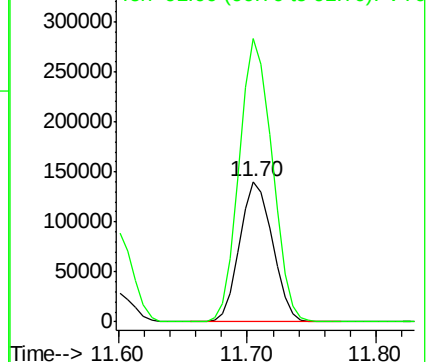
106 100

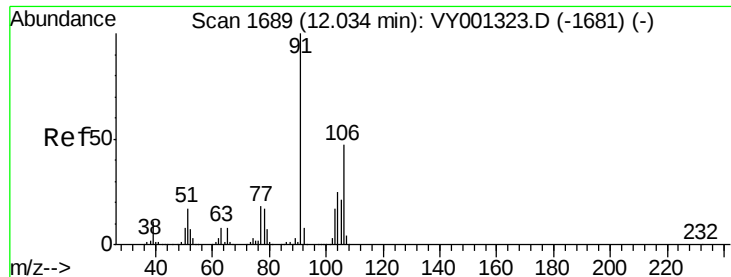
91 202.1 162.8 244.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

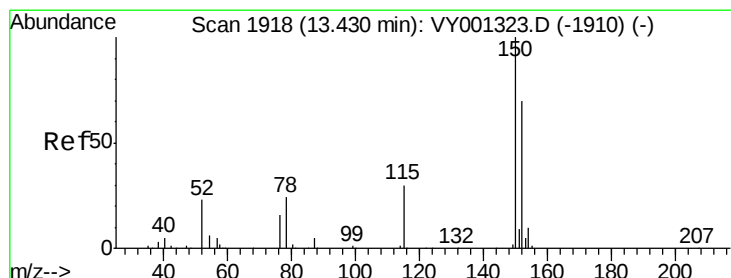
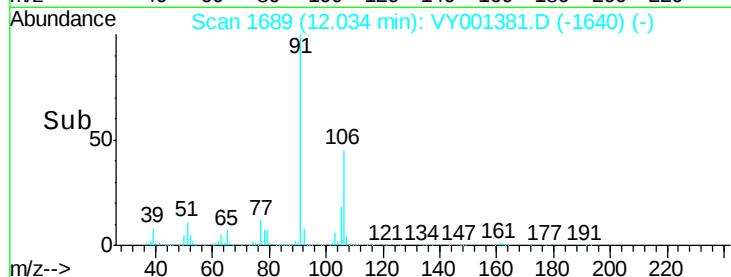
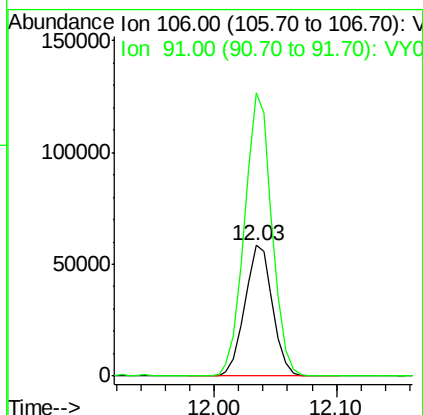
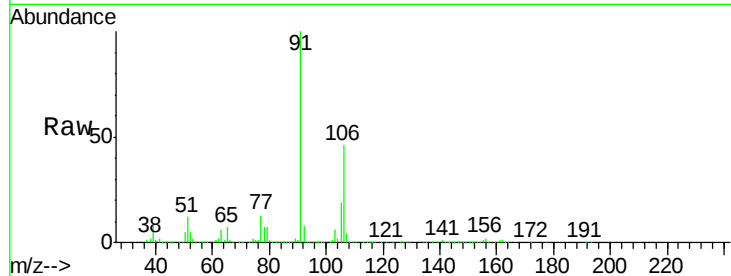




#69
o-Xylene
Concen: 24.329 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001381.D
Acq: 24 Jan 2020 14:50

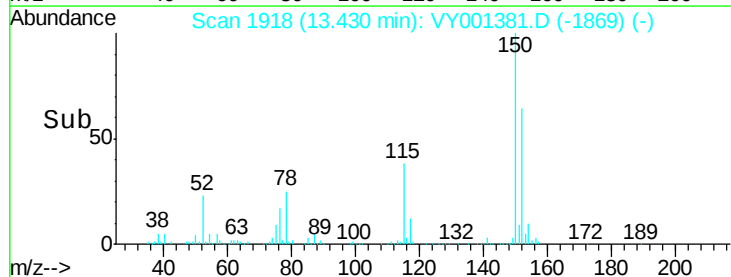
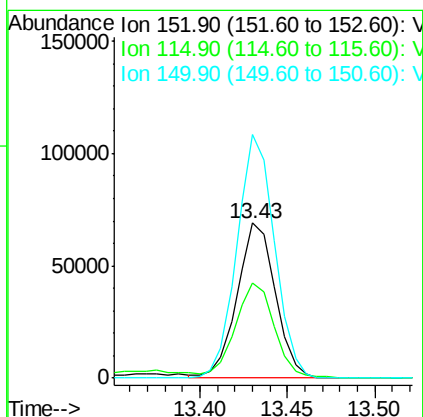
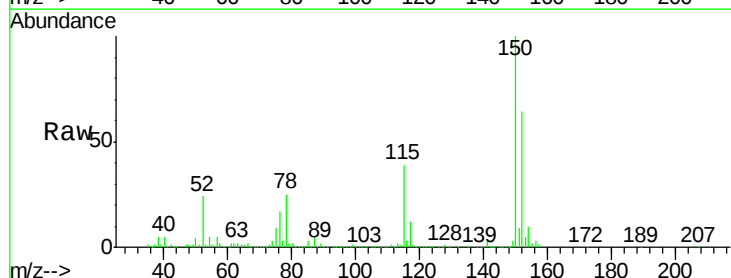
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-012320

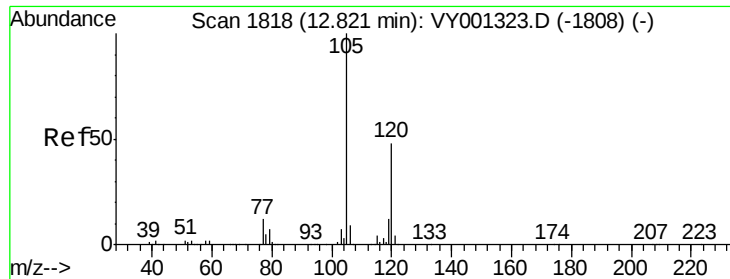
Tot Ion:106 Resp: 92052
Ion Ratio Lower Upper
106 100
91 213.1 106.3 319.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001381.D
Acq: 24 Jan 2020 14:50

Tgt Ion:152 Resp: 104609
Ion Ratio Lower Upper
152 100
115 62.4 30.9 92.8
150 154.1 0.0 349.2





#80

1,3,5-Trimethylbenzene

Concen: 1.077 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VY001381.D

Acq: 24 Jan 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

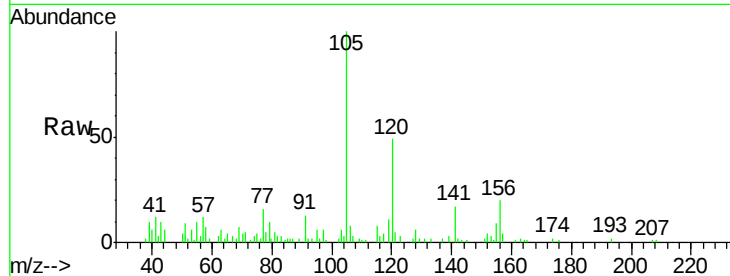
SU-04-012320

Tot Ion:105 Resp: 7418

Ion Ratio Lower Upper

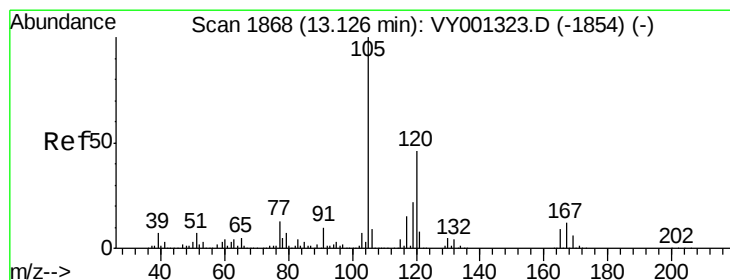
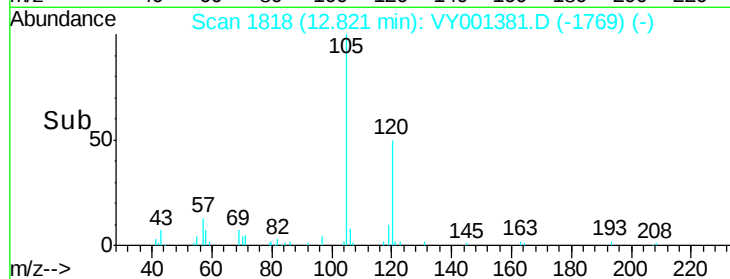
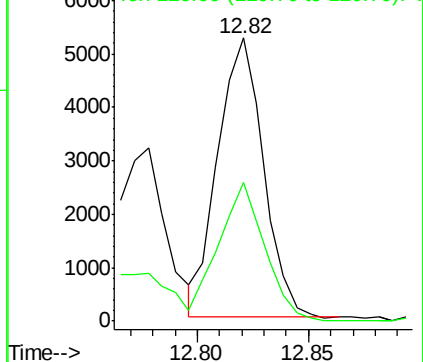
105 100

120 50.8 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 2.597 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VY001381.D

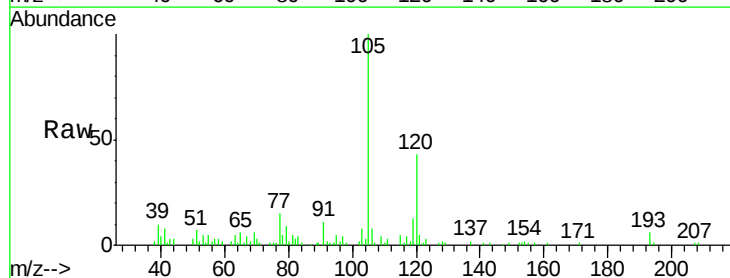
Acq: 24 Jan 2020 14:50

Tgt Ion:105 Resp: 17966

Ion Ratio Lower Upper

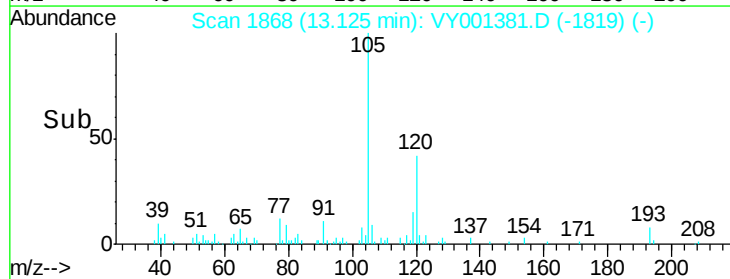
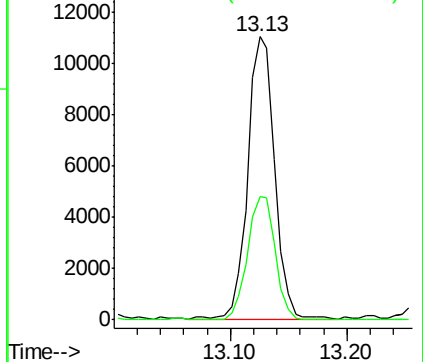
105 100

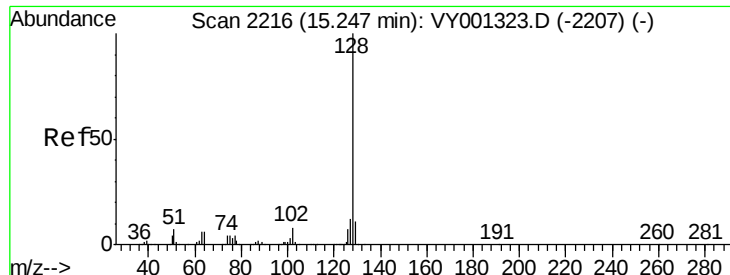
120 44.2 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 329.311 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001381.D

Acq: 24 Jan 2020 14:50

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-012320

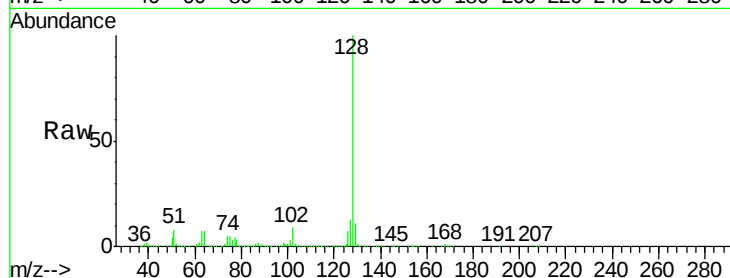
Tot Ion:128 Resp: 1641151

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 11.0 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

