

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001394.D
 Acq On : 24 Jan 2020 19:37
 Operator : SY/MD
 Sample : L1010-10
 Misc : 5.37G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-012420

Quant Time: Jan 25 04:58:12 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	7.81	168	174426	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	321585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	278511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	116325	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	99546	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	
35) Dibromofluoromethane	7.74	113	94677	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
50) Toluene-d8	10.19	98	377923	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.49	95	129934	44.49	ug/l	0.00
Spiked Amount			Recovery	=	88.98%	

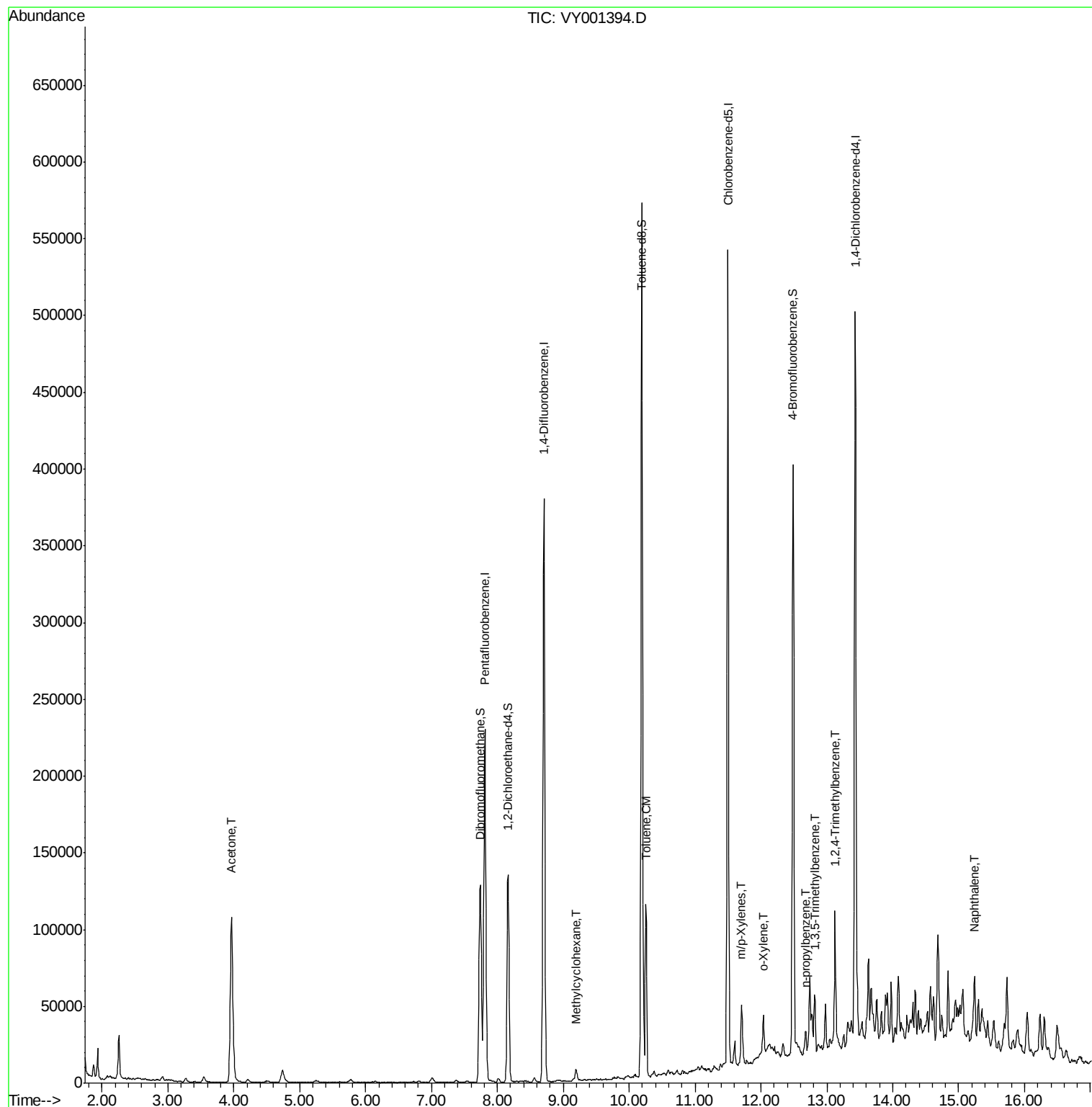
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	188702	381.397	ug/l	98
39) Methylcyclohexane	9.19	83	3915	1.006	ug/l	89
52) Toluene	10.25	92	46249	8.009	ug/l	98
68) m/p-Xylenes	11.70	106	11715	2.899	ug/l	93
69) o-Xylene	12.03	106	7337	1.887	ug/l	92
78) n-propylbenzene	12.68	91	12254	1.109	ug/l	95
80) 1,3,5-Trimethylbenzene	12.81	105	12656	1.652	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	43729	5.685	ug/l	99
95) Naphthalene	15.24	128	30366	5.479	ug/l	96

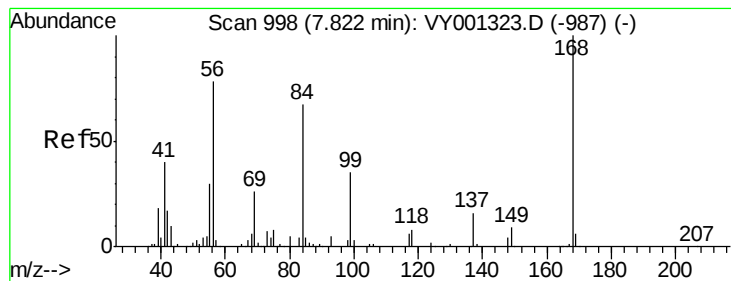
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001394.D

Acq: 24 Jan 2020 19:37

Instrument :

MSVOA_Y

ClientSampleId :

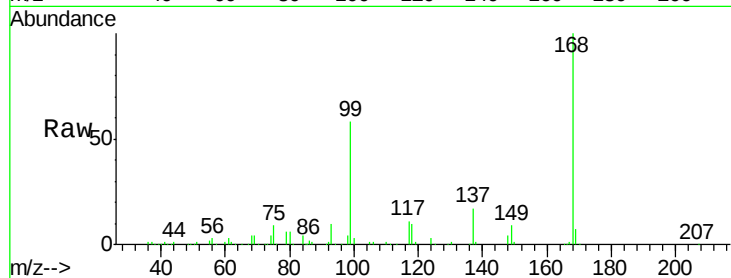
OK-01-012420

Tot Ion:168 Resp: 174426

Ion Ratio Lower Upper

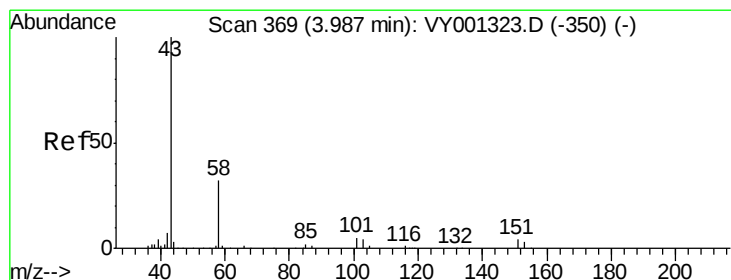
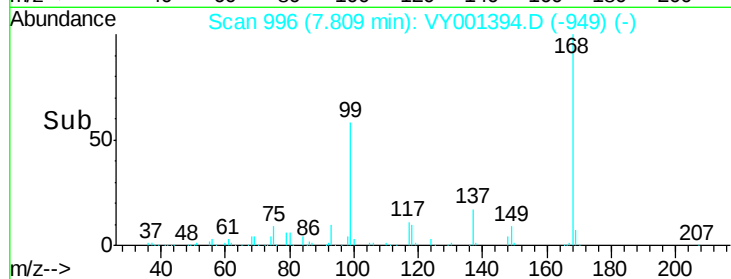
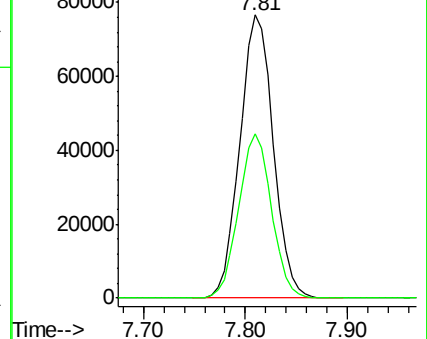
168 100

99 57.9 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)



#16

Acetone

Concen: 381.397 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.02 min

Lab File: VY001394.D

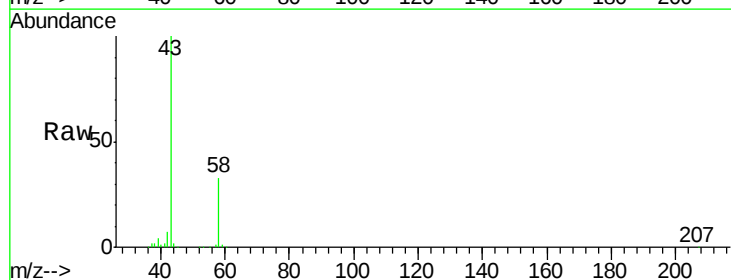
Acq: 24 Jan 2020 19:37

Tgt Ion: 43 Resp: 188702

Ion Ratio Lower Upper

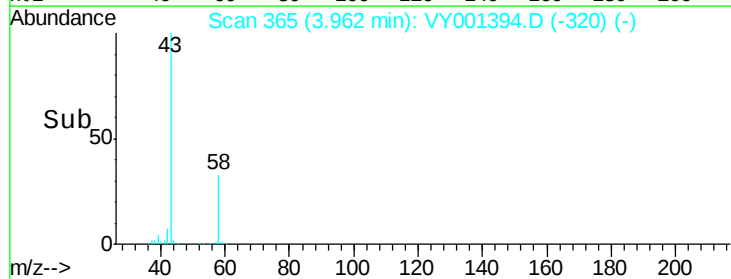
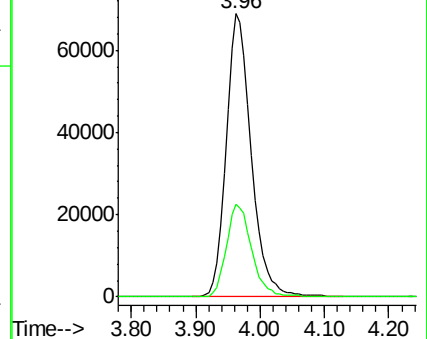
43 100

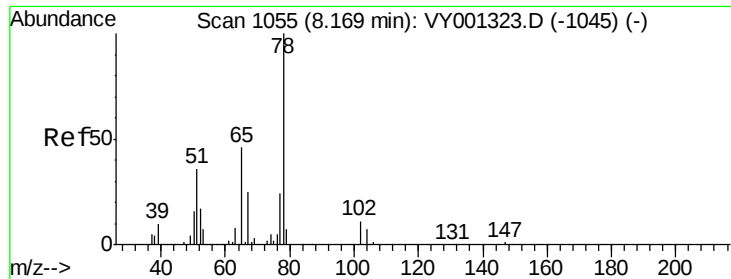
58 33.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY001323.D (-350) (-)

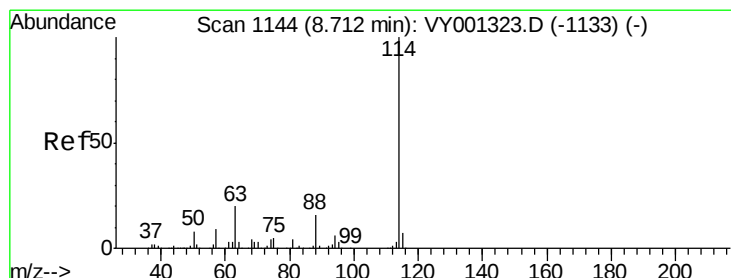
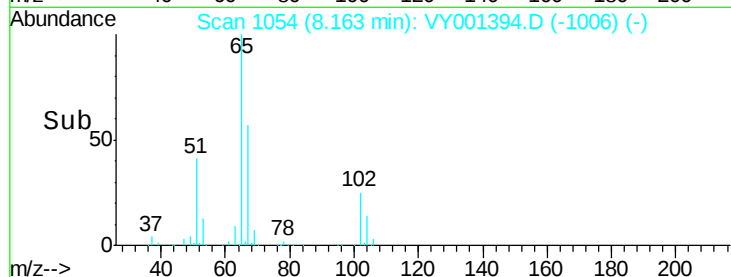
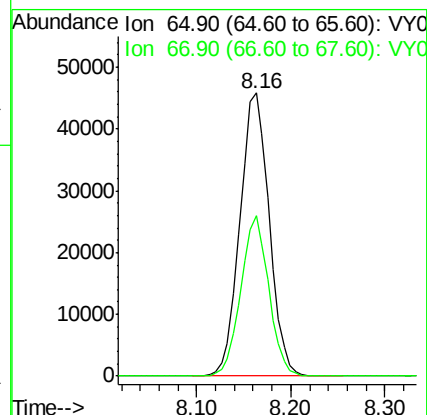
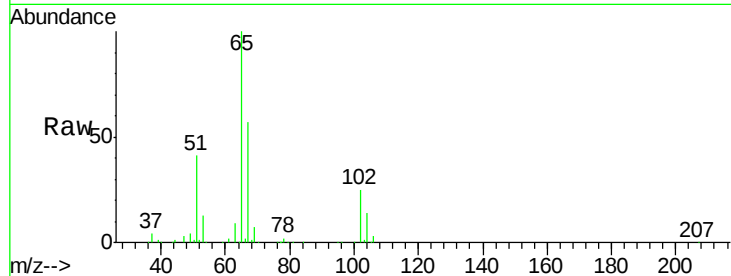




#33
 1,2-Dichloroethane-d4
 Concen: 52.448 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001394.D
 Acq: 24 Jan 2020 19:37

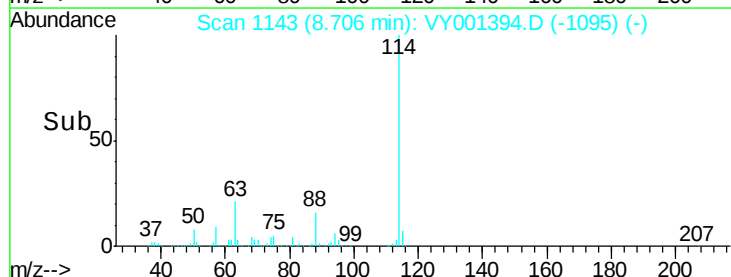
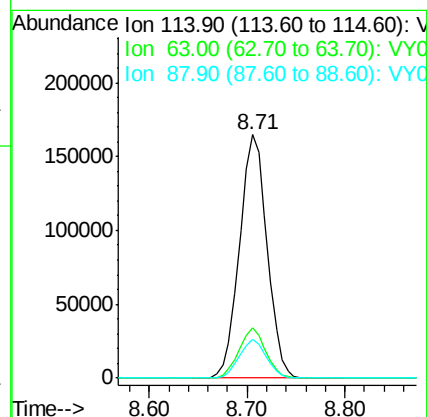
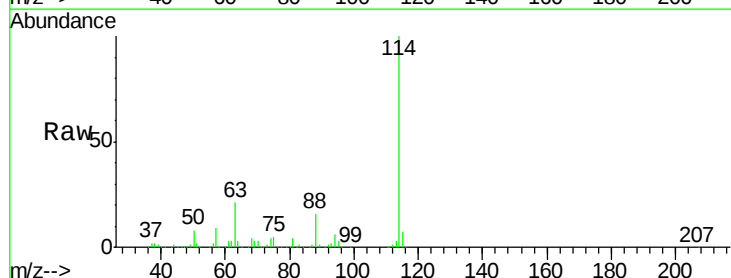
Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-012420

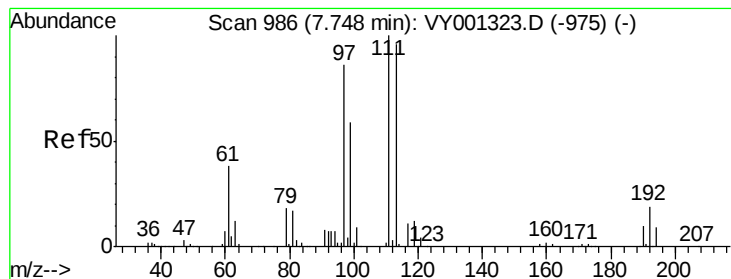
Tot Ion: 65 Resp: 99546
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001394.D
 Acq: 24 Jan 2020 19:37

Tgt Ion: 114 Resp: 321585
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.162 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001394.D

Acq: 24 Jan 2020 19:37

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-012420

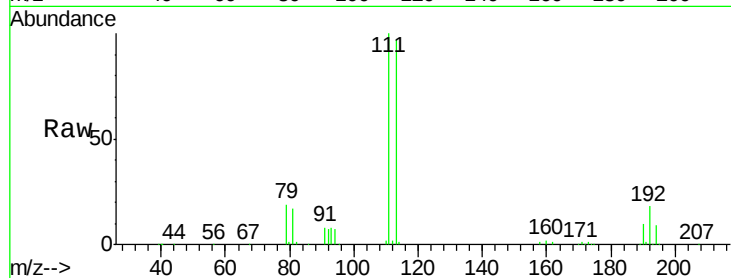
Tot Ion:113 Resp: 94677

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

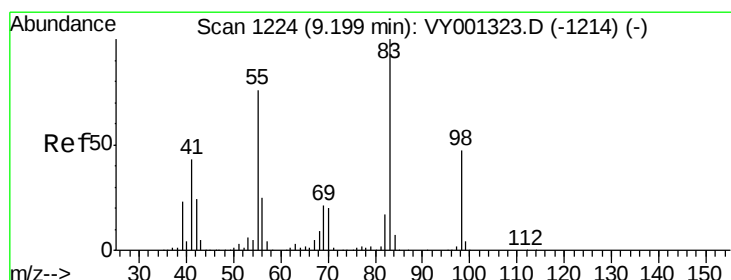
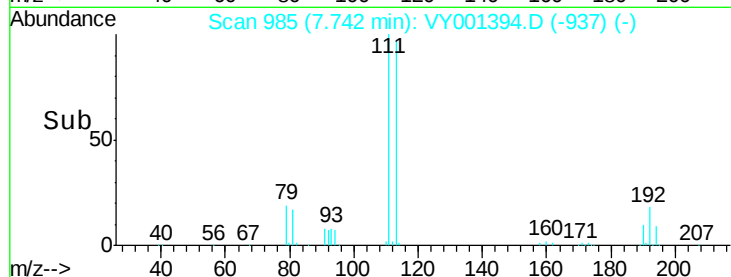
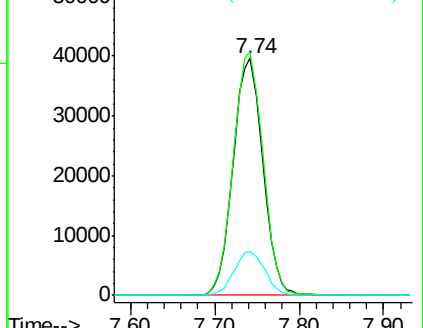
192 18.9 15.5 23.3



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



#39

Methylcyclohexane

Concen: 1.006 ug/l

RT: 9.19 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VY001394.D

Acq: 24 Jan 2020 19:37

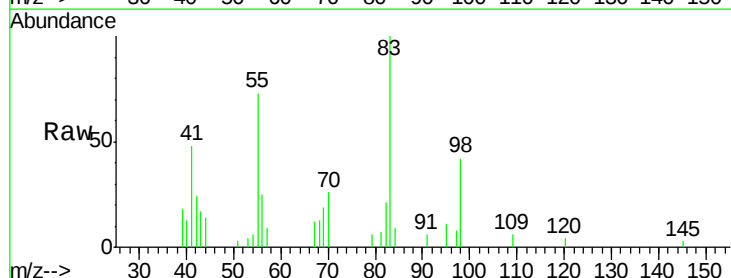
Tgt Ion: 83 Resp: 3915

Ion Ratio Lower Upper

83 100

55 65.2 60.7 91.1

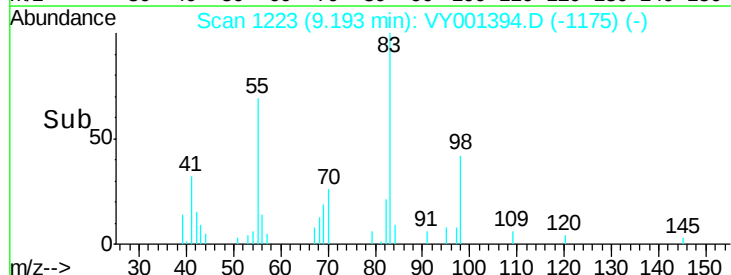
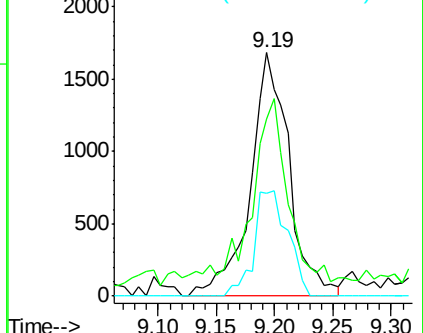
98 42.2 37.8 56.8

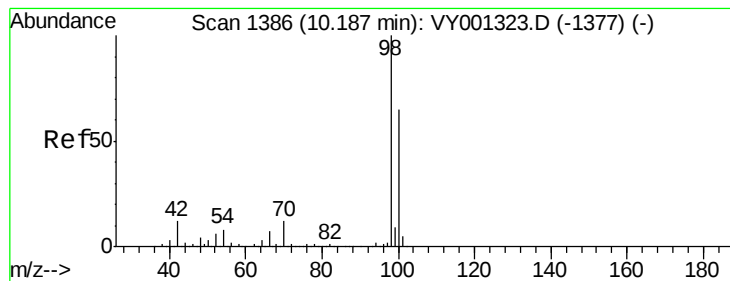


Abundance Ion 83.00 (82.70 to 83.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 98.00 (97.70 to 98.70): VY0





#50

Toluene-d8

Concen: 51.537 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001394.D

Acq: 24 Jan 2020 19:37

Instrument :

MSVOA_Y

ClientSampleId :

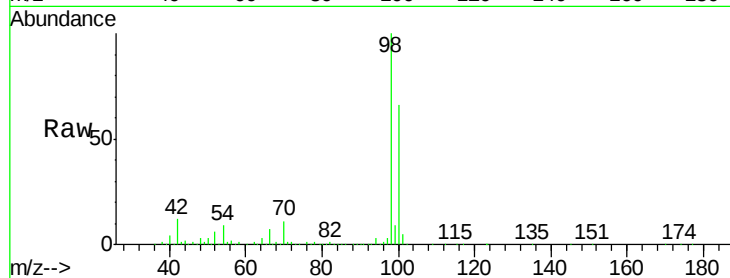
OK-01-012420

Tot Ion: 98 Resp: 377923

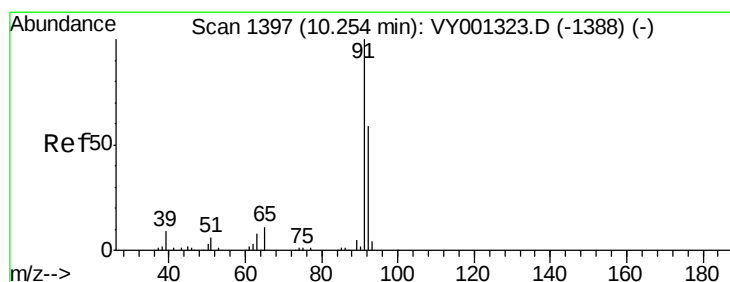
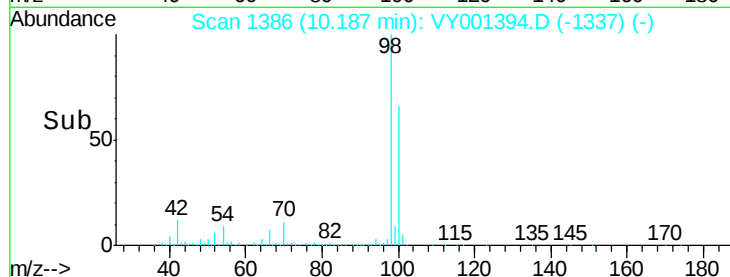
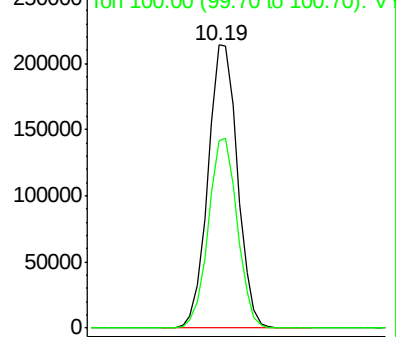
Ion Ratio Lower Upper

98 100

100 65.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001323.D (-1377) (-)



#52

Toluene

Concen: 8.009 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VY001394.D

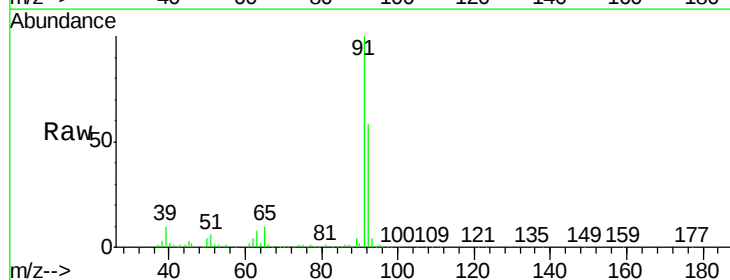
Acq: 24 Jan 2020 19:37

Tgt Ion: 92 Resp: 46249

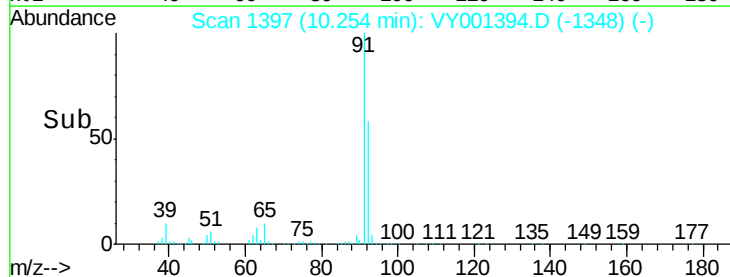
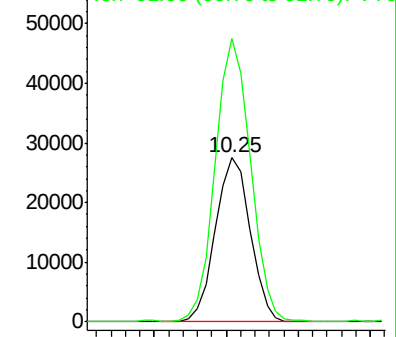
Ion Ratio Lower Upper

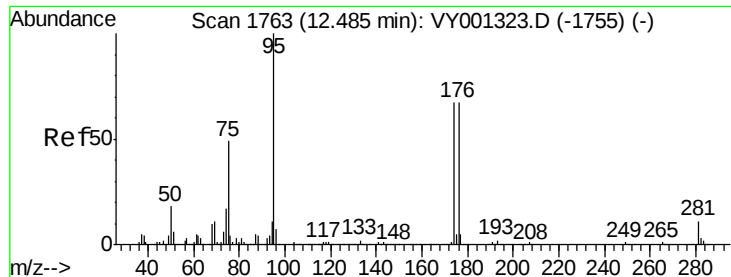
92 100

91 173.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VY001323.D (-1388) (-)

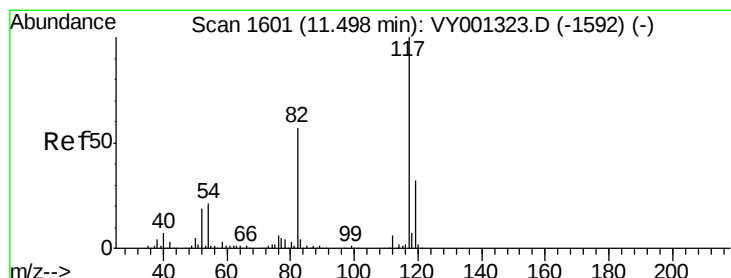
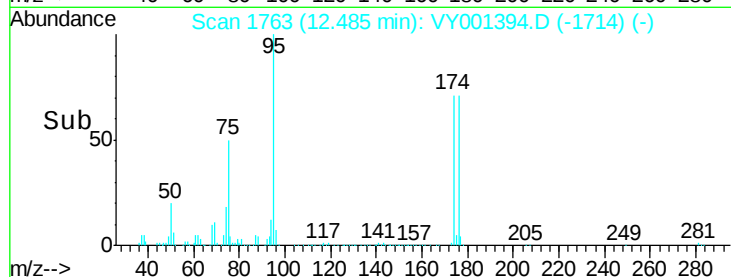
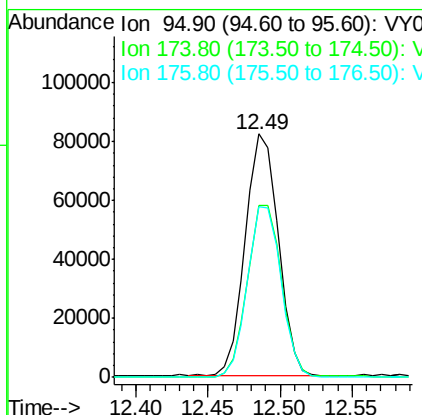
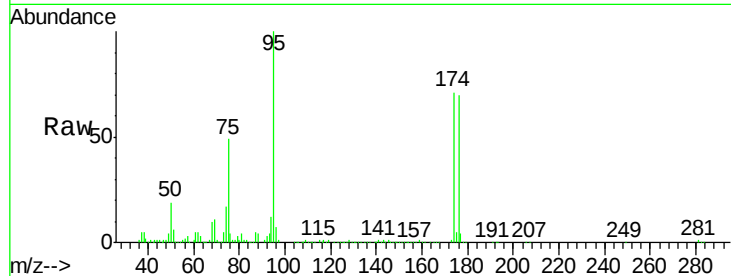




#62
4-Bromofluorobenzene
Concen: 44.494 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001394.D
Acq: 24 Jan 2020 19:37

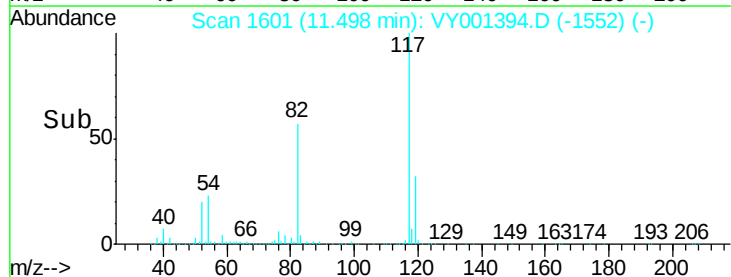
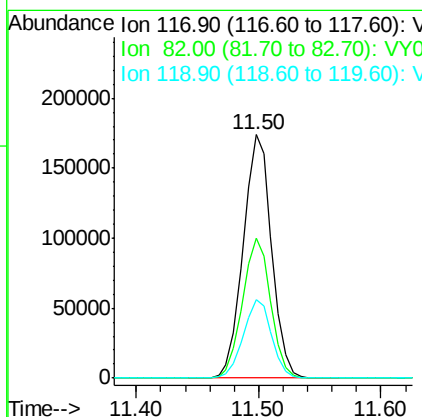
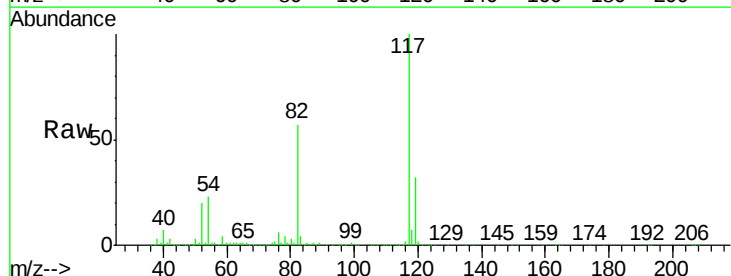
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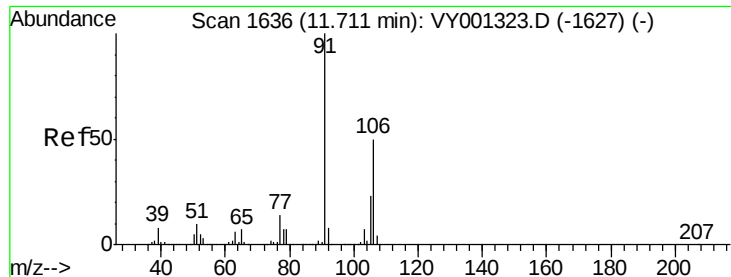
Tot Ion: 95 Resp: 129934
Ion Ratio Lower Upper
95 100
174 73.2 0.0 142.0
176 71.7 0.0 138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001394.D
Acq: 24 Jan 2020 19:37

Tgt Ion: 117 Resp: 278511
Ion Ratio Lower Upper
117 100
82 57.2 45.5 68.3
119 32.0 25.8 38.6

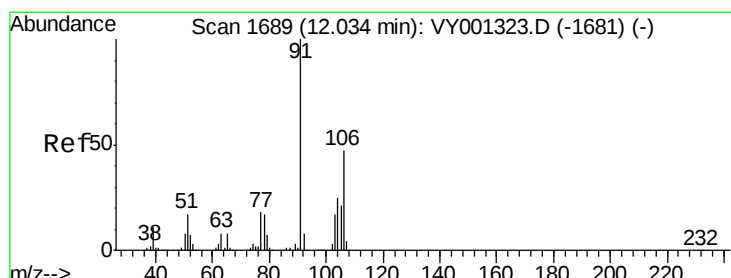
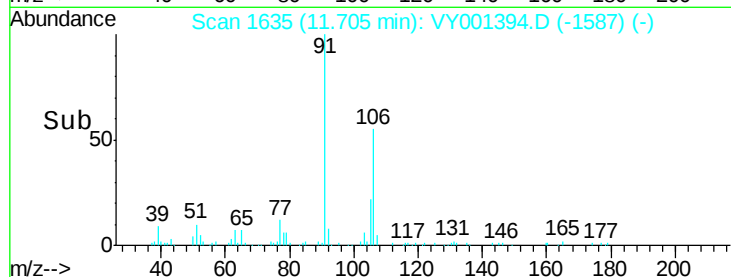
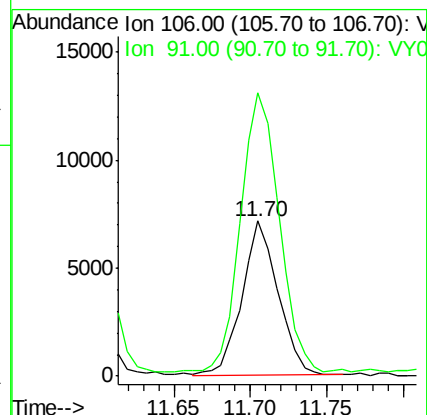
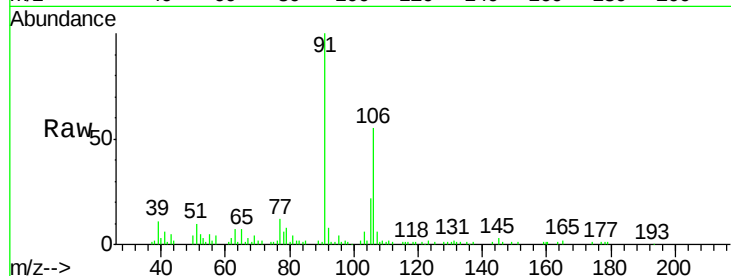




#68
m/p-Xvlenes
Concen: 2.899 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VY001394.D
Acq: 24 Jan 2020 19:37

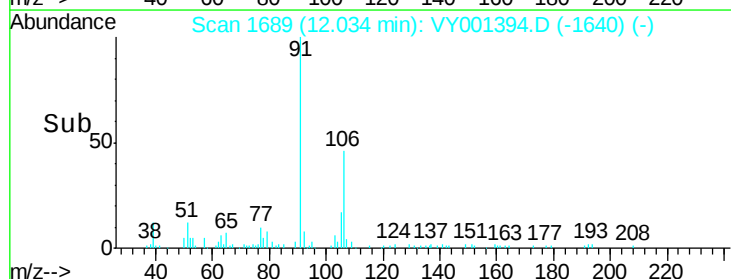
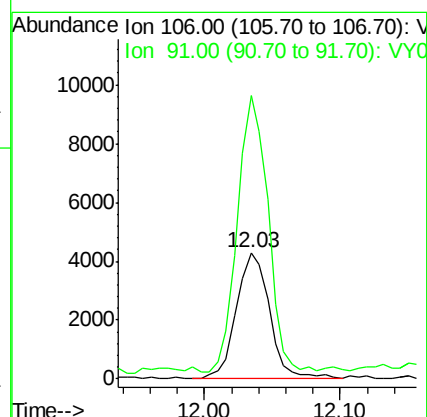
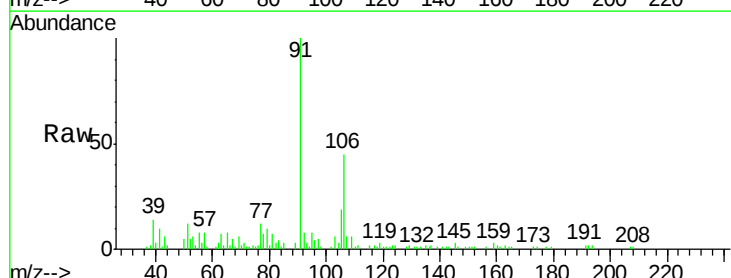
Instrument :
MSVOA_Y
ClientSampled :
OK-01-012420

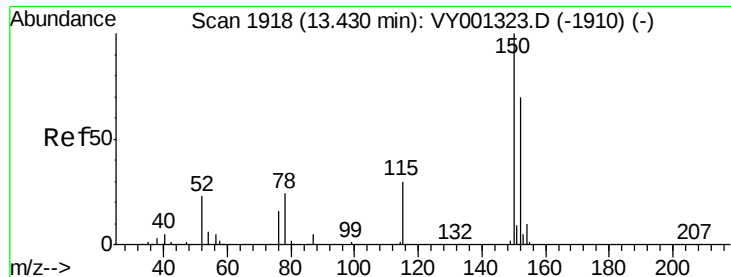
Tot Ion:106 Resp: 11715
Ion Ratio Lower Upper
106 100
91 192.3 162.8 244.2



#69
o-Xylene
Concen: 1.887 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY001394.D
Acq: 24 Jan 2020 19:37

Tgt Ion:106 Resp: 7337
Ion Ratio Lower Upper
106 100
91 200.7 106.3 319.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001394.D

Acq: 24 Jan 2020 19:37

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-012420

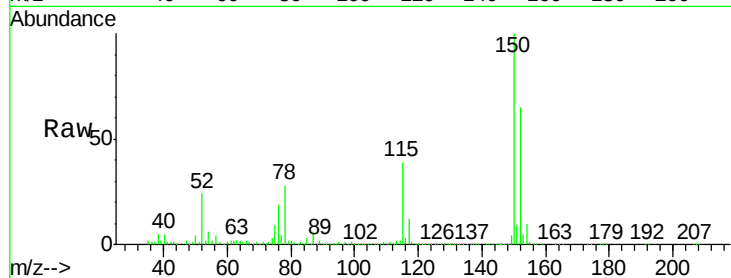
Tot Ion:152 Resp: 116325

Ion Ratio Lower Upper

152 100

115 61.3 30.9 92.8

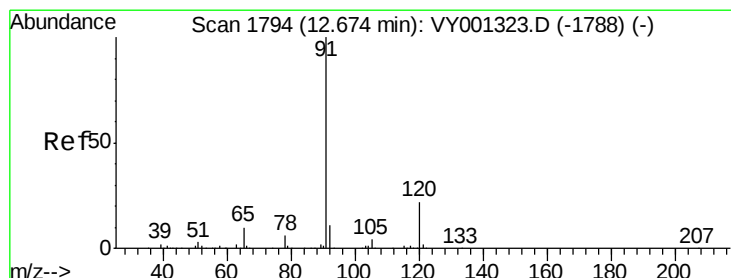
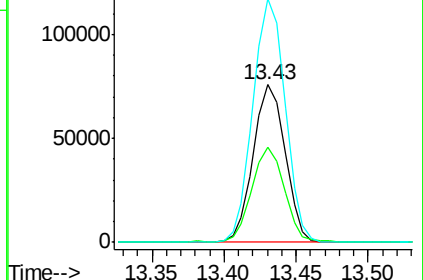
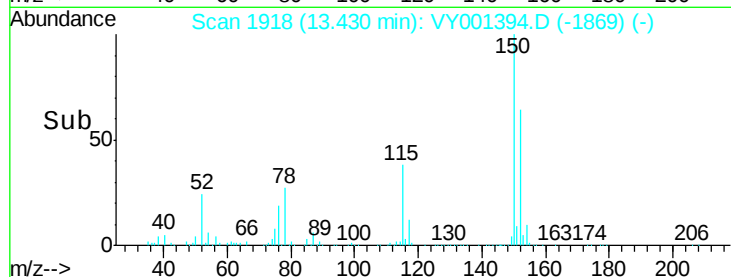
150 155.8 0.0 349.2



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



#78

n-propylbenzene

Concen: 1.109 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY001394.D

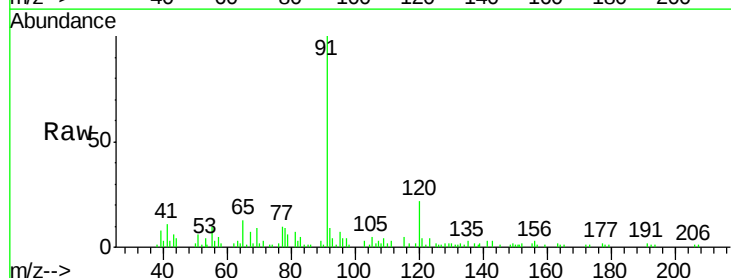
Acq: 24 Jan 2020 19:37

Tgt Ion: 91 Resp: 12254

Ion Ratio Lower Upper

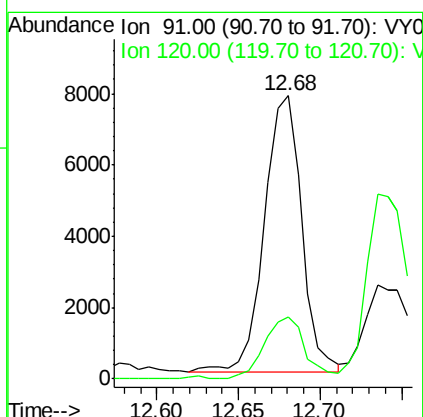
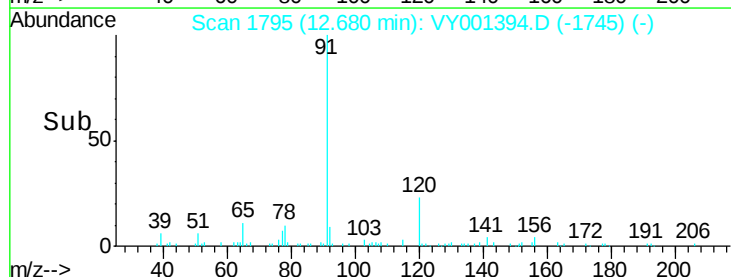
91 100

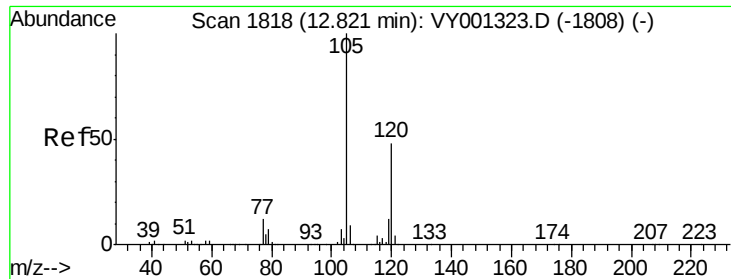
120 24.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 1.652 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.01 min

Lab File: VY001394.D

Acq: 24 Jan 2020 19:37

Instrument :

MSVOA_Y

ClientSampleId :

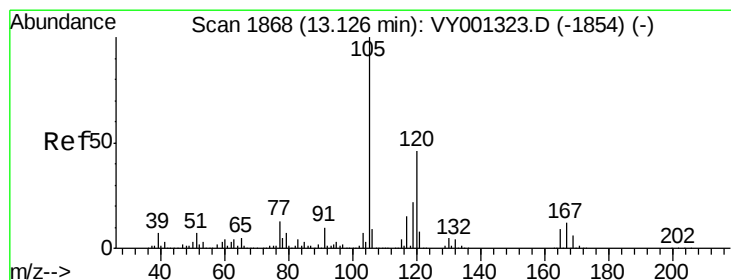
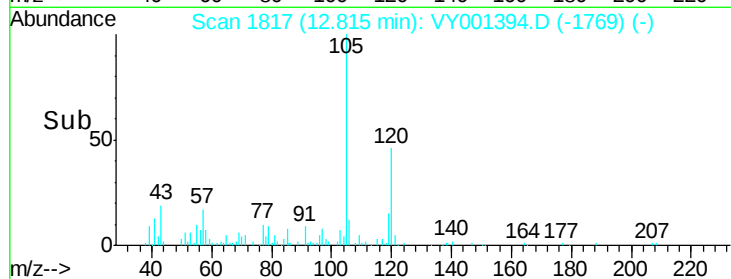
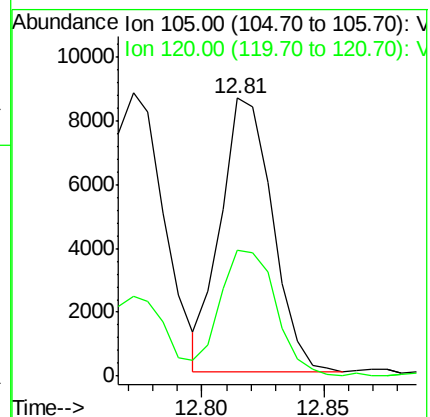
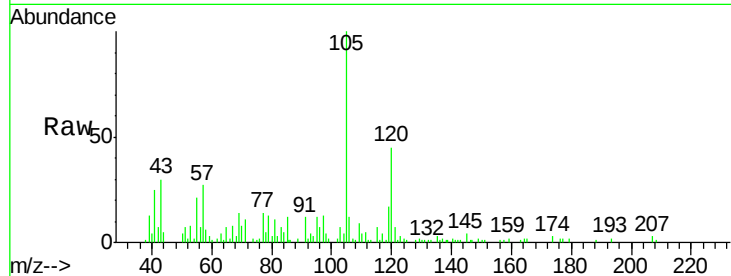
OK-01-012420

Tot Ion:105 Resp: 12656

Ion Ratio Lower Upper

105 100

120 49.5 24.3 72.9



#84

1,2,4-Trimethylbenzene

Concen: 5.685 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VY001394.D

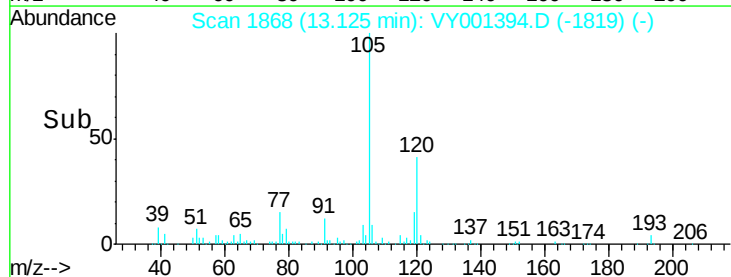
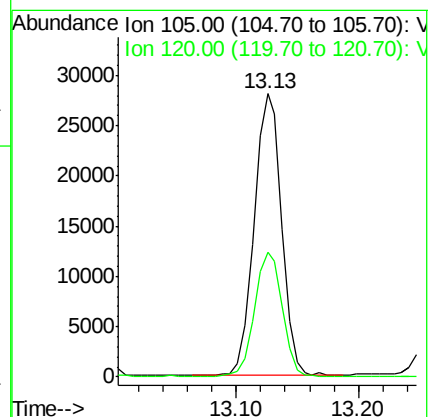
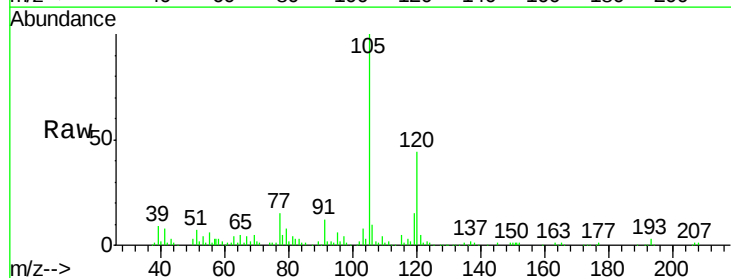
Acq: 24 Jan 2020 19:37

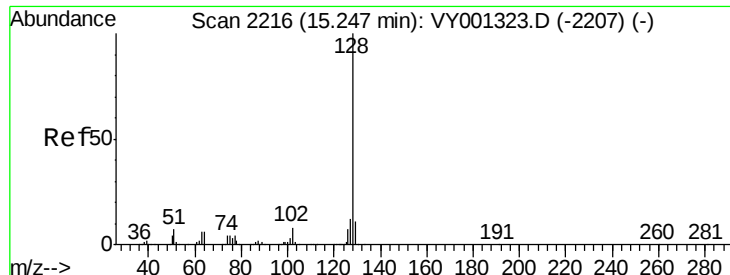
Tgt Ion:105 Resp: 43729

Ion Ratio Lower Upper

105 100

120 45.4 22.4 67.3

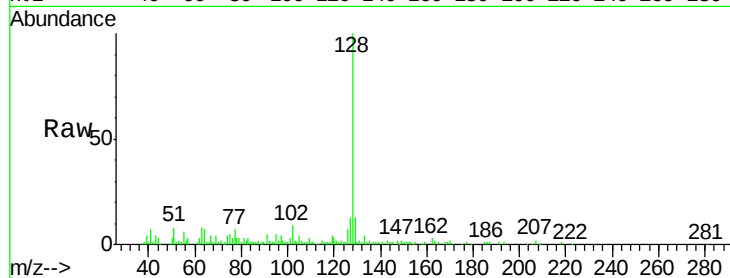




#95
Naphthalene
Concen: 5.479 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001394.D
Acq: 24 Jan 2020 19:37

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-012420

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.2
129	13.0	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

