

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000912.D
 Acq On : 09 Dec 2019 13:37
 Operator : SY/MD
 Sample : K6111-01
 Misc : 6.94G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-120619

Quant Time: Dec 10 07:21:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	266216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	489109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	431801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	175949	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	157783	55.78	ug/l	0.00
Spiked Amount			Recovery	=	111.56%	
35) Dibromofluoromethane	7.73	113	141654	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
50) Toluene-d8	10.17	98	577226	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.47	95	191858	44.83	ug/l	0.00
Spiked Amount			Recovery	=	89.66%	

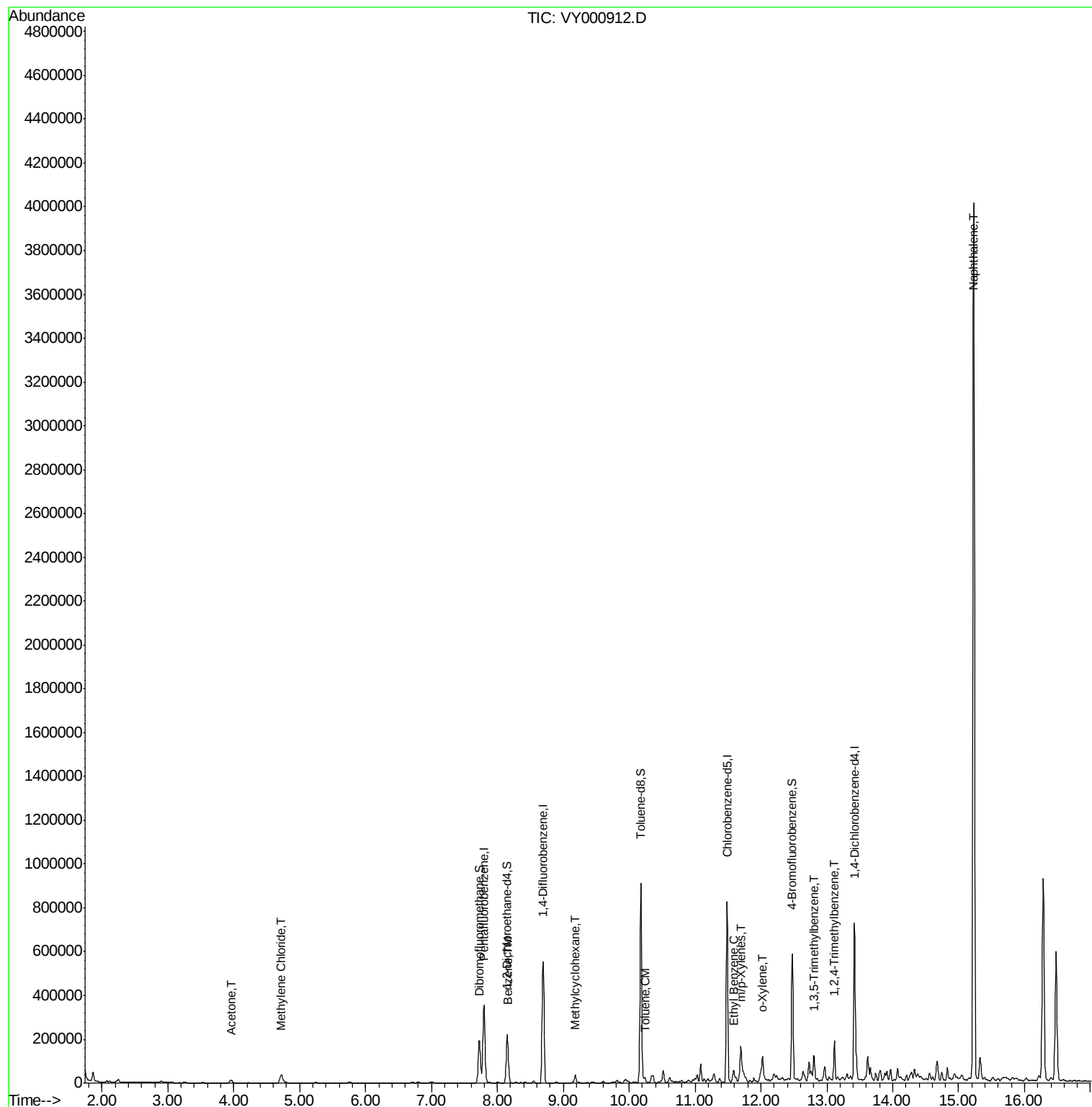
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	22734	35.034	ug/l #	84
20) Methylene Chloride	4.72	84	27447	8.024	ug/l	96
39) Methylcyclohexane	9.18	83	15664	2.431	ug/l	92
40) Benzene	8.17	78	21906	1.546	ug/l	100
52) Toluene	10.24	92	9988	1.139	ug/l	100
67) Ethyl Benzene	11.59	91	30820	1.844	ug/l	96
68) m/p-Xylenes	11.69	106	45601	7.268	ug/l	99
69) o-Xylene	12.02	106	28025	4.790	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	41684	3.594	ug/l	100
84) 1,2,4-Trimethylbenzene	13.11	105	91564	7.890	ug/l	98
95) Naphthalene	15.23	128	3264527	387.741	ug/l	99

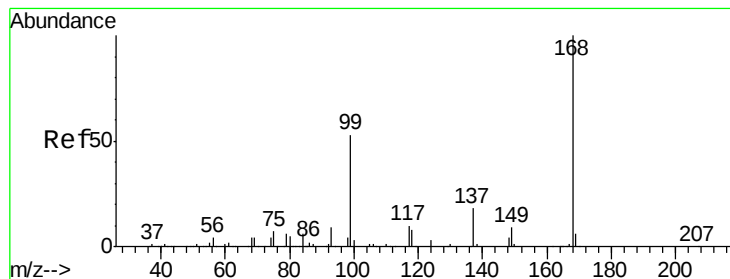
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000912.D

Acq: 09 Dec 2019 13:37

Instrument :

MSVOA_Y

ClientSampleId :

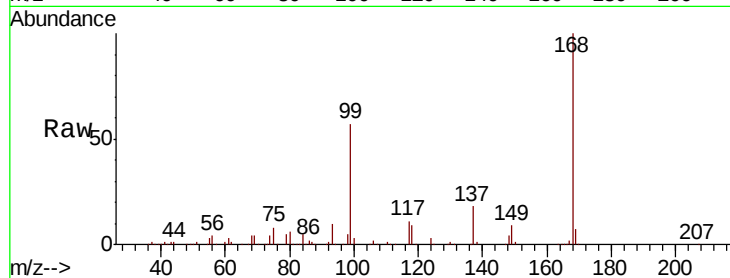
CL-01-120619

Tot Ion:168 Resp: 266216

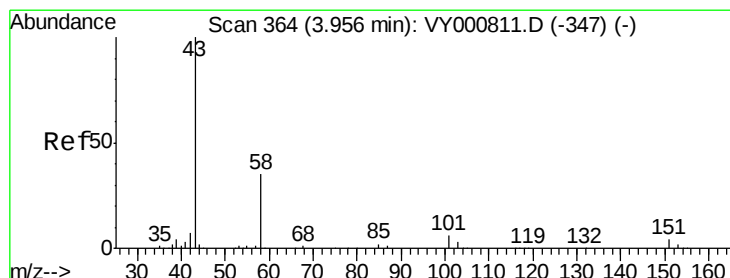
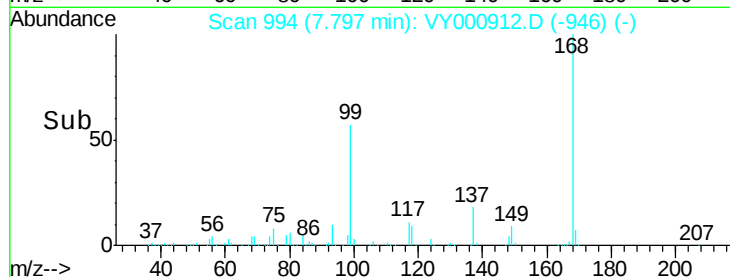
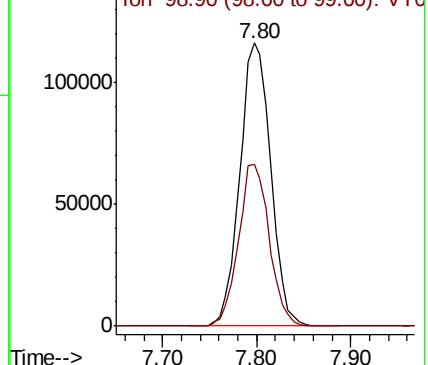
Ion Ratio Lower Upper

168 100

99 57.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000912.D (-946) (-)



#16

Acetone

Concen: 35.034 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000912.D

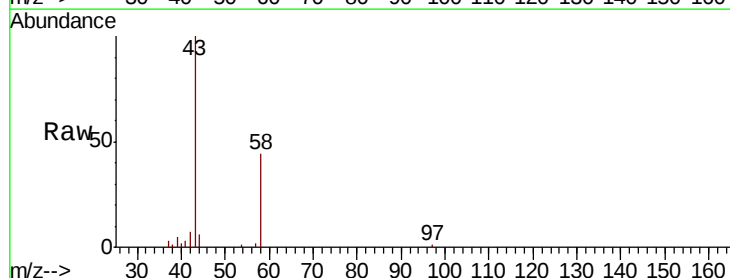
Acq: 09 Dec 2019 13:37

Tgt Ion: 43 Resp: 22734

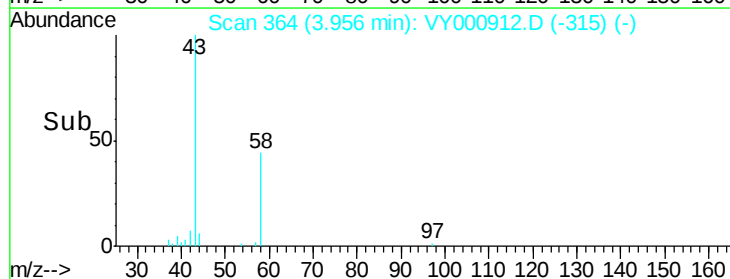
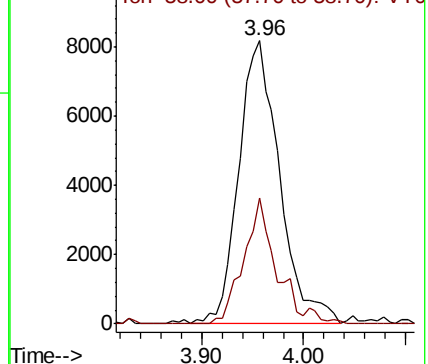
Ion Ratio Lower Upper

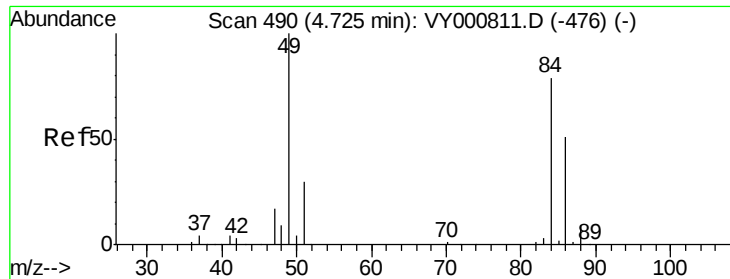
43 100

58 44.4 28.0 42.0#



Abundance Ion 43.00 (42.70 to 43.70): VY000912.D (-315) (-)

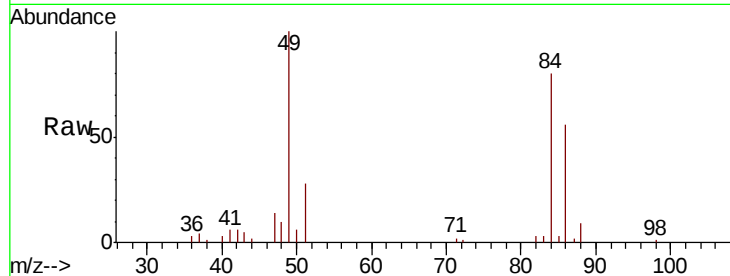




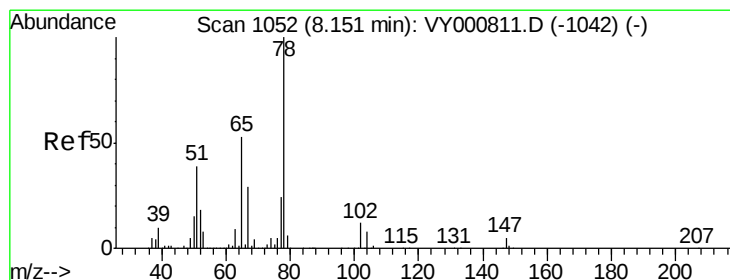
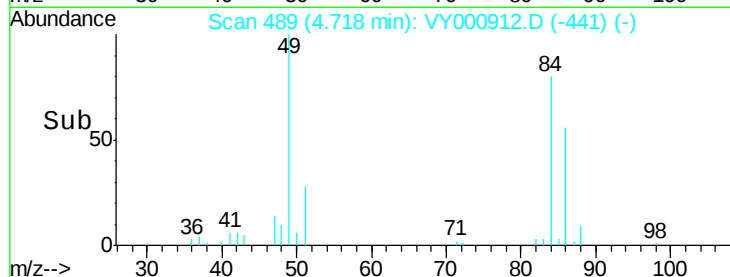
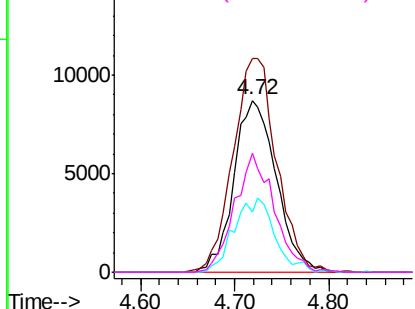
#20
Methvlene Chloride
Concen: 8.024 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000912.D
Acq: 09 Dec 2019 13:37

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-120619

Tot Ion: 84 Resp: 27447
Ion Ratio Lower Upper
84 100
49 124.5 101.3 151.9
51 35.0 30.6 45.8
86 69.4 51.3 76.9

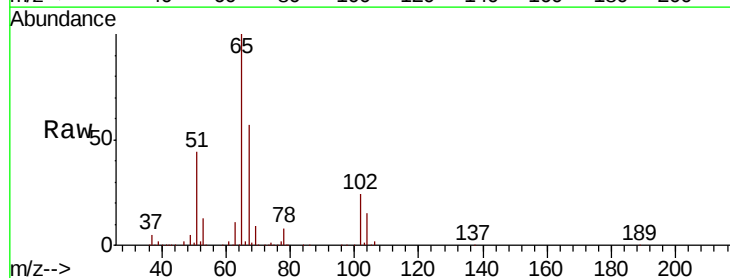


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

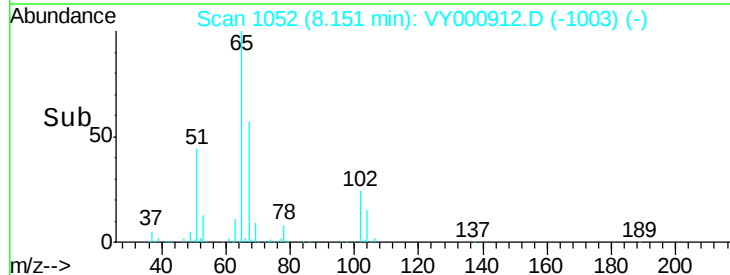
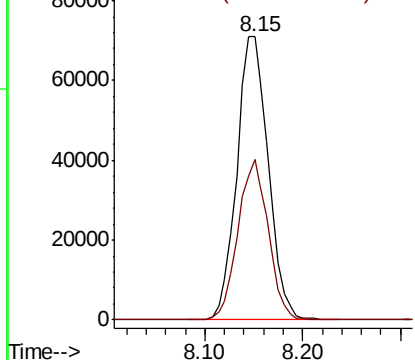


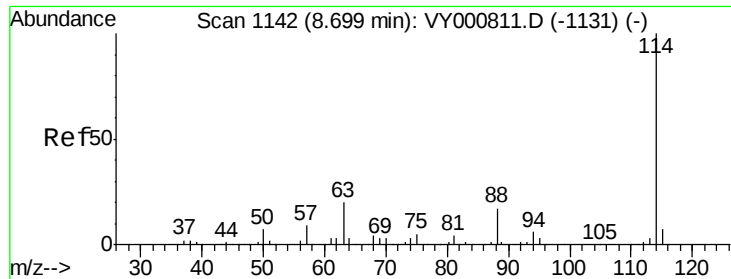
#33
1,2-Dichloroethane-d4
Concen: 55.778 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000912.D
Acq: 09 Dec 2019 13:37

Tgt Ion: 65 Resp: 157783
Ion Ratio Lower Upper
65 100
67 54.8 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

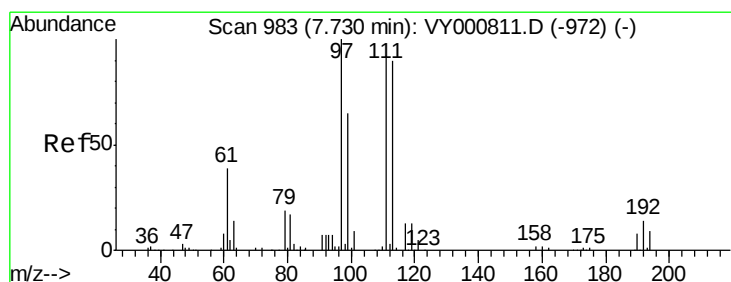
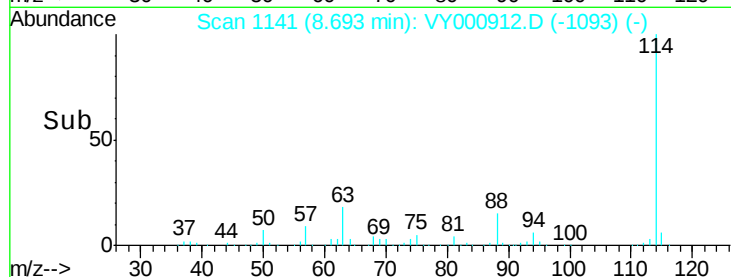
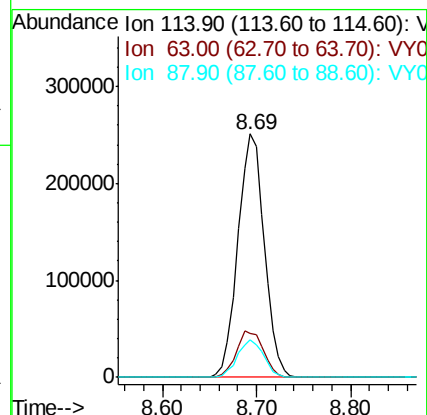
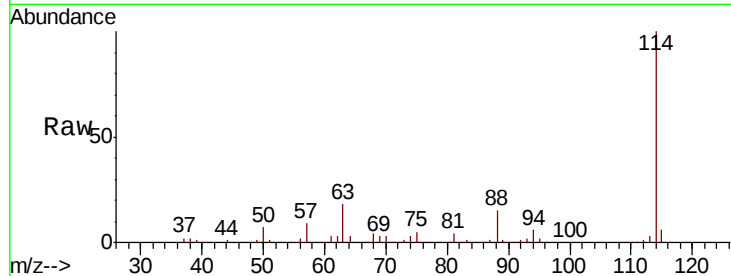




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000912.D
 Acq: 09 Dec 2019 13:37

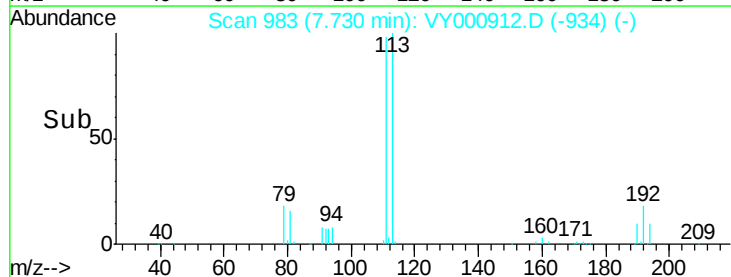
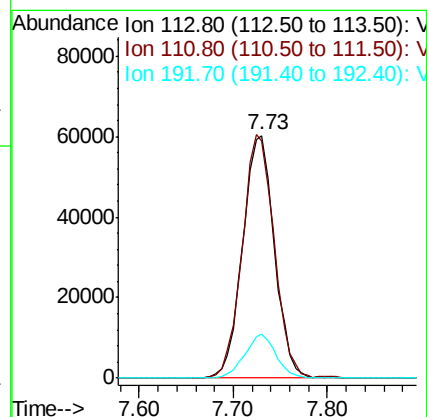
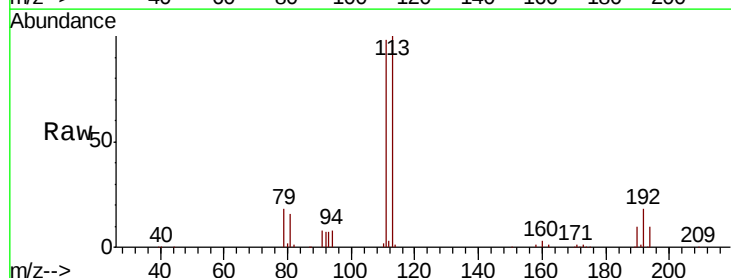
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-120619

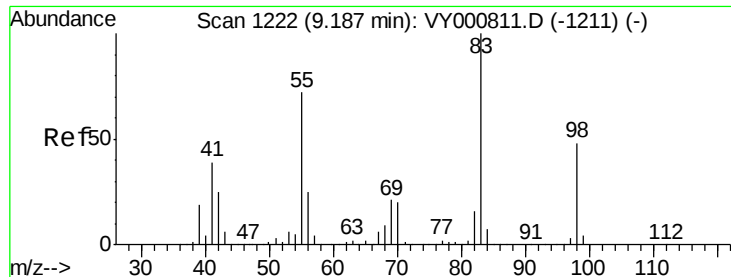
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	39.8
88	15.4	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 49.694 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000912.D
 Acq: 09 Dec 2019 13:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.4	123.6
192	17.8	14.2	21.2

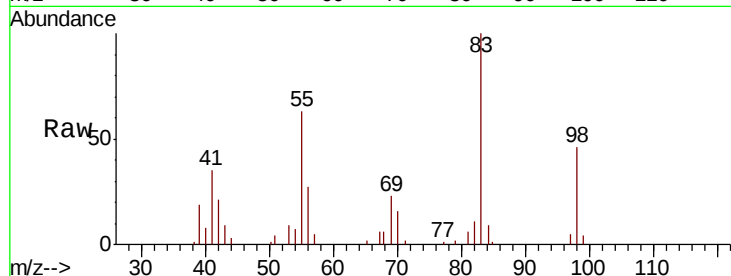




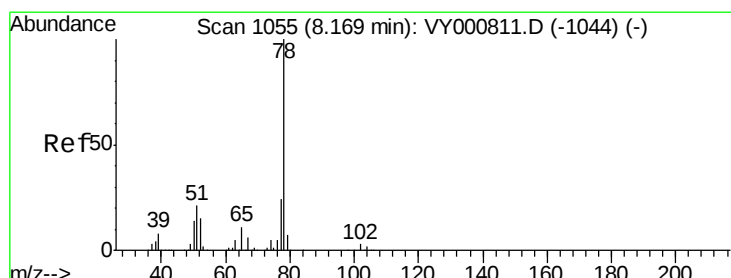
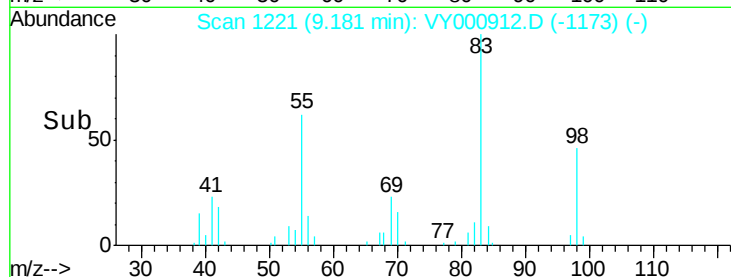
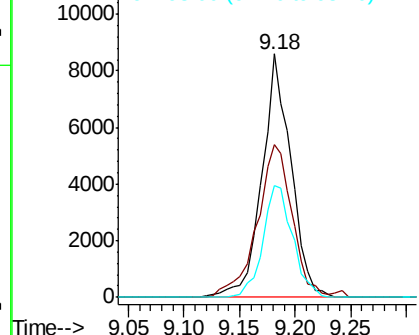
#39
Methvlcvclohexane
Concen: 2.431 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000912.D
Acq: 09 Dec 2019 13:37

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-120619

Tot Ion: 83 Resp: 15664
Ion Ratio Lower Upper
83 100
55 62.6 57.8 86.6
98 45.8 38.6 58.0

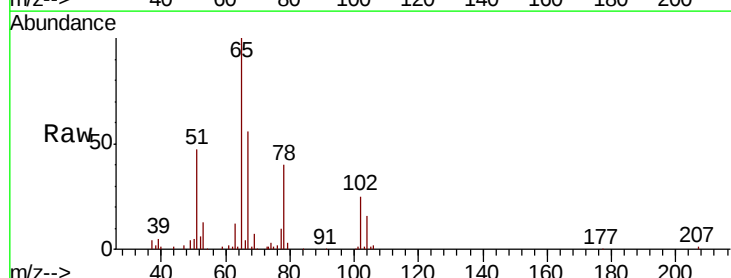


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

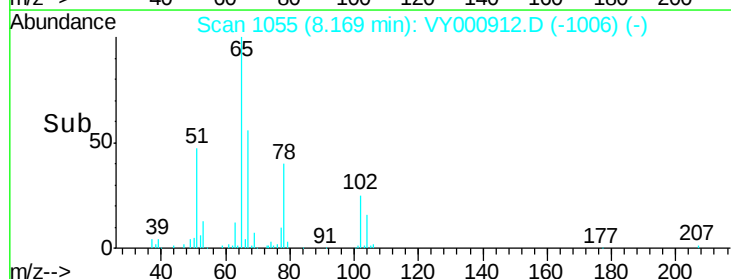
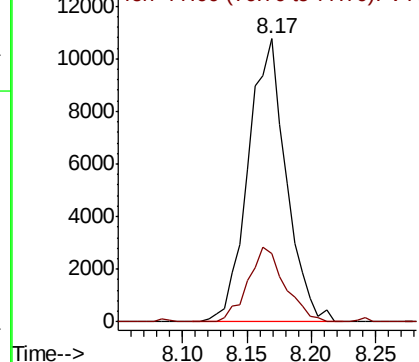


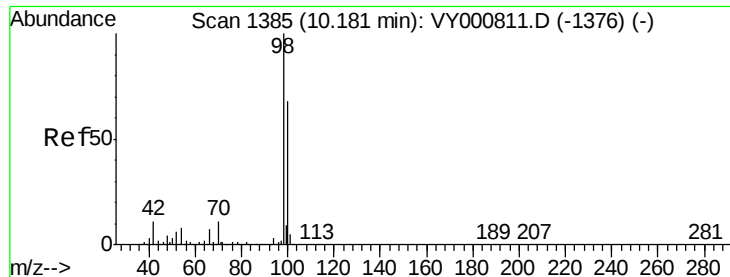
#40
Benzene
Concen: 1.546 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000912.D
Acq: 09 Dec 2019 13:37

Tgt Ion: 78 Resp: 21906
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0





#50

Toluene-d8

Concen: 50.650 ug/l

RT: 10.17 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VY000912.D

Acq: 09 Dec 2019 13:37

Instrument :

MSVOA_Y

ClientSampleId :

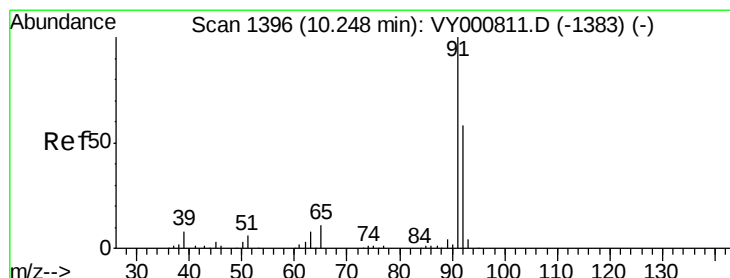
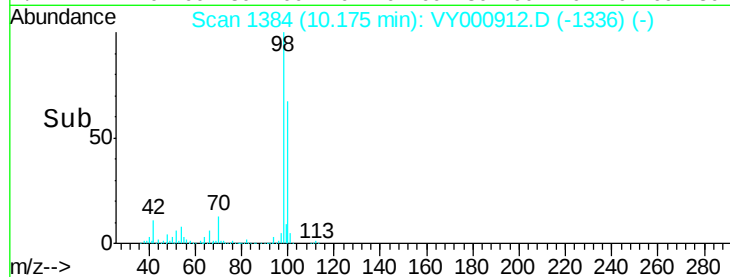
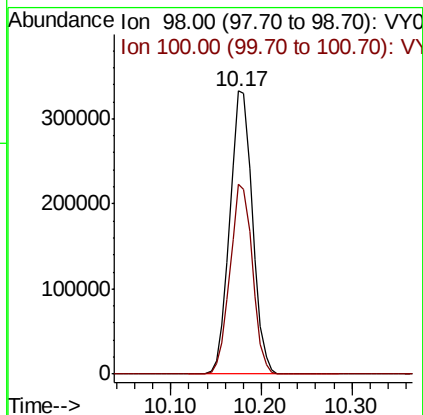
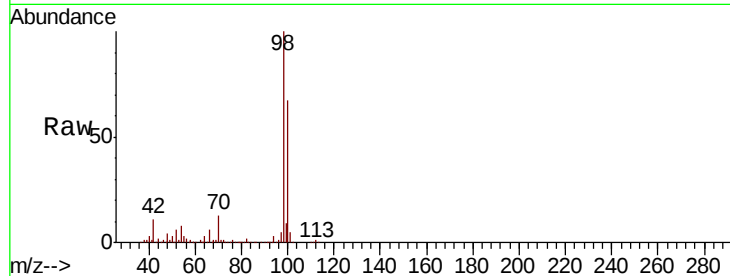
CL-01-120619

Tot Ion: 98 Resp: 577226

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



#52

Toluene

Concen: 1.139 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000912.D

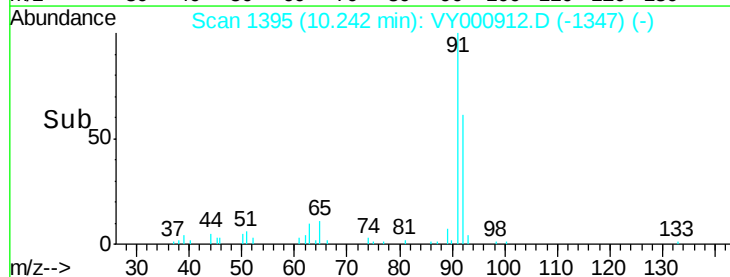
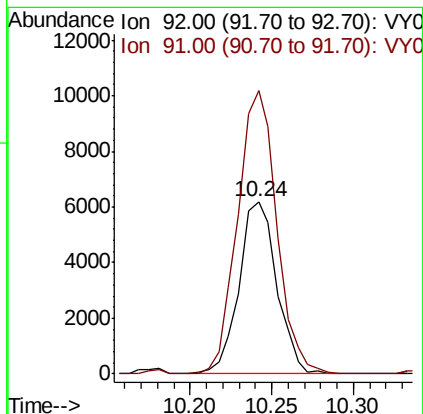
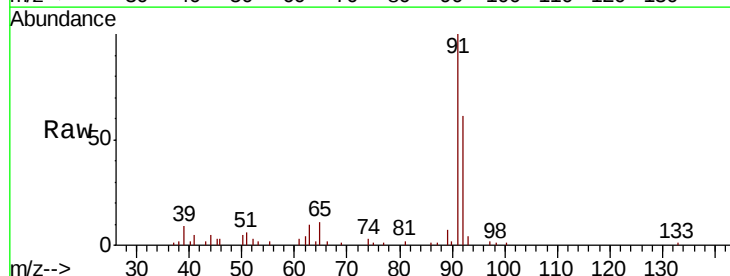
Acq: 09 Dec 2019 13:37

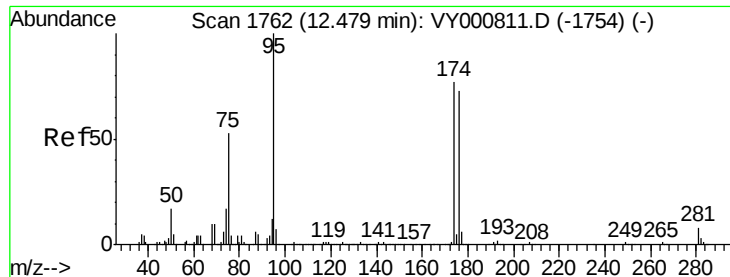
Tgt Ion: 92 Resp: 9988

Ion Ratio Lower Upper

92 100

91 170.5 136.6 204.8

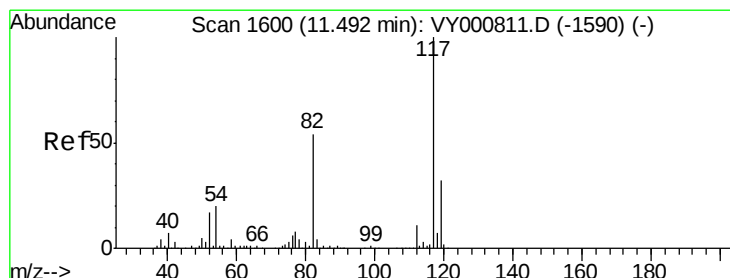
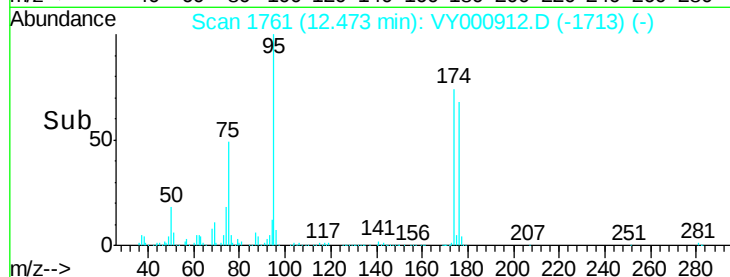
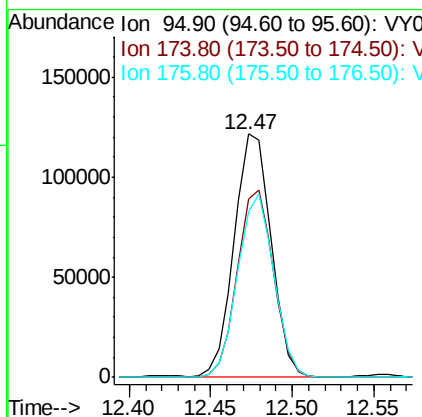
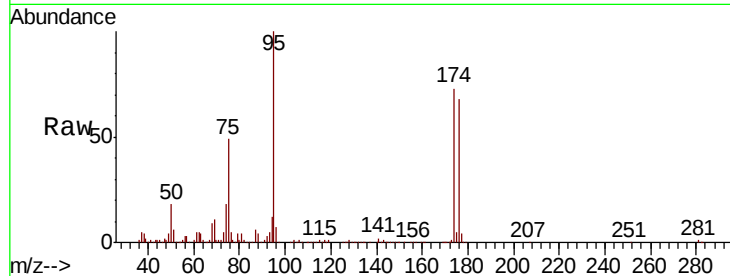




#62
4-Bromofluorobenzene
Concen: 44.828 ug/l
RT: 12.47 min Scan# 1761
Delta R.T. -0.01 min
Lab File: VY000912.D
Acq: 09 Dec 2019 13:37

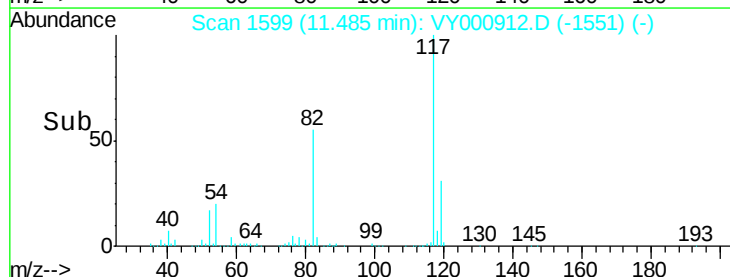
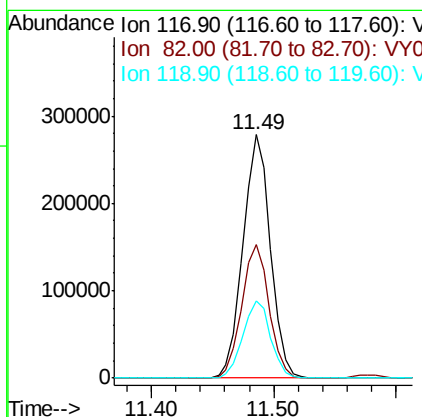
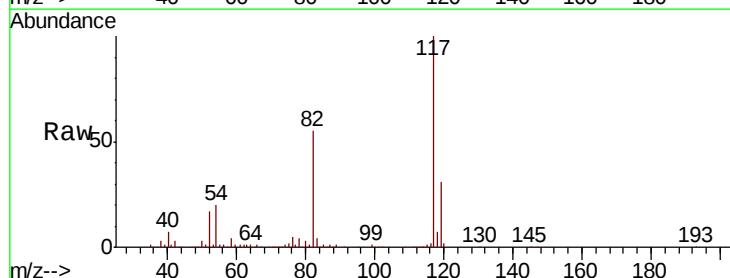
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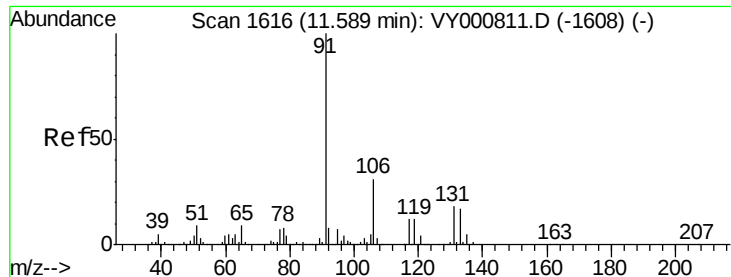
Tot Ion	95	Resp	191858
Ion Ratio	100	Lower	Upper
174	75.6	0.0	150.6
176	74.1	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000912.D
Acq: 09 Dec 2019 13:37

Tgt Ion	117	Resp	431801
Ion Ratio	100	Lower	Upper
82	55.0	43.1	64.7
119	31.5	25.3	37.9

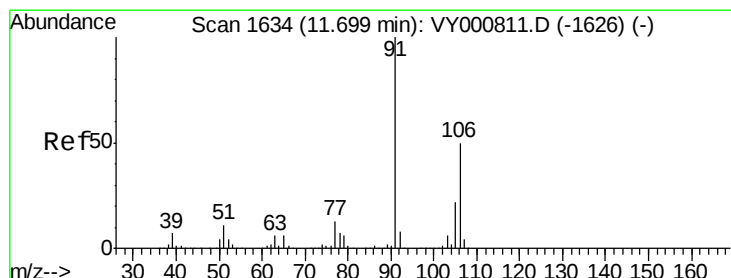
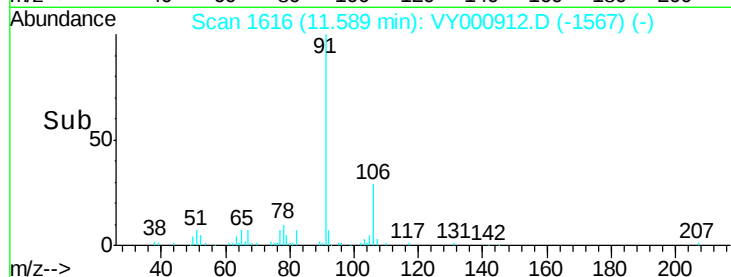
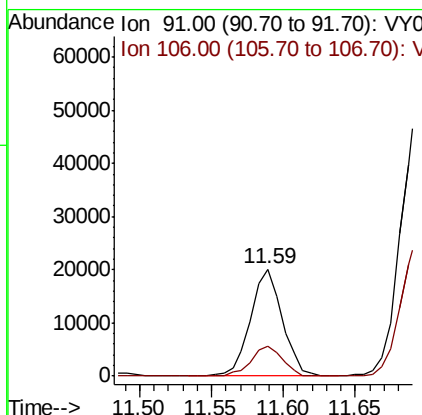
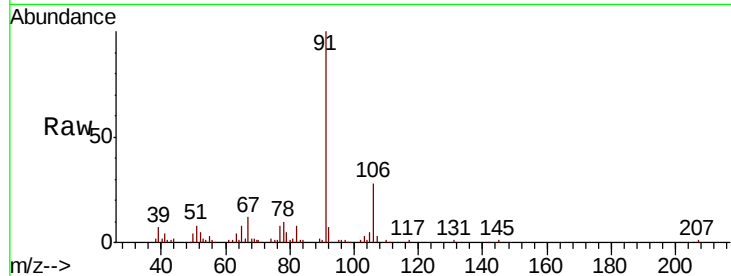




#67
Ethyl Benzene
Concen: 1.844 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000912.D
Acq: 09 Dec 2019 13:37

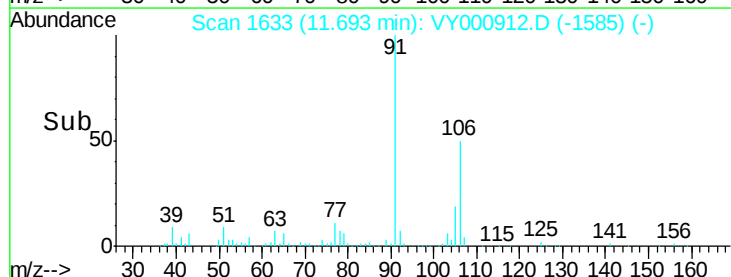
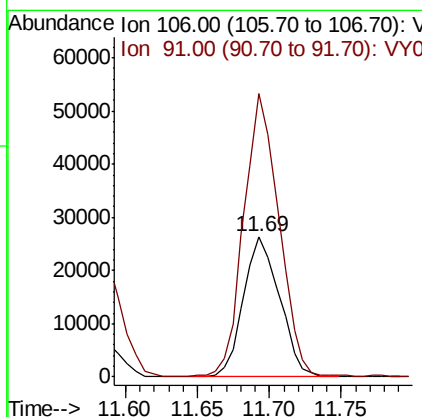
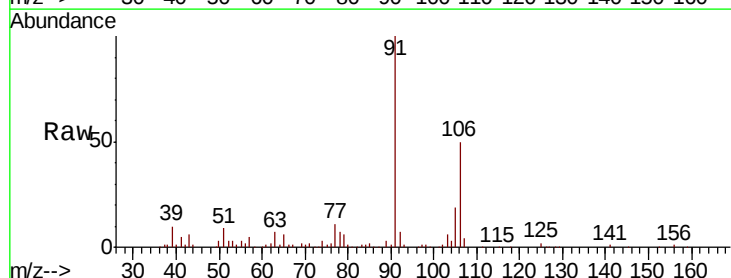
Instrument :
MSVOA_Y
ClientSampled :
CL-01-120619

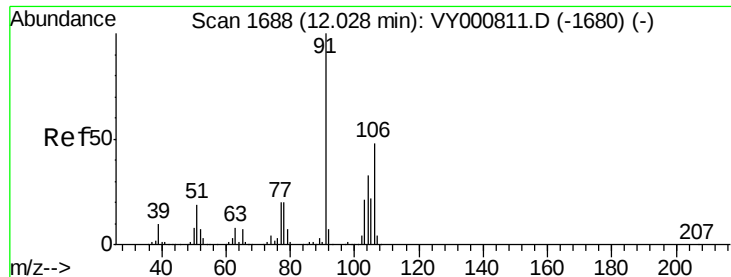
Tot Ion: 91 Resp: 30820
Ion Ratio Lower Upper
91 100
106 28.3 24.4 36.6



#68
m/p-Xylenes
Concen: 7.268 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY000912.D
Acq: 09 Dec 2019 13:37

Tgt Ion: 106 Resp: 45601
Ion Ratio Lower Upper
106 100
91 198.0 159.6 239.4

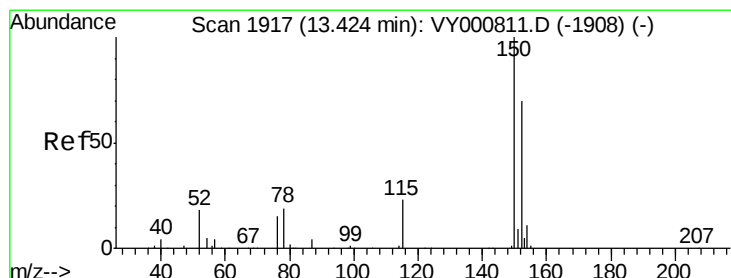
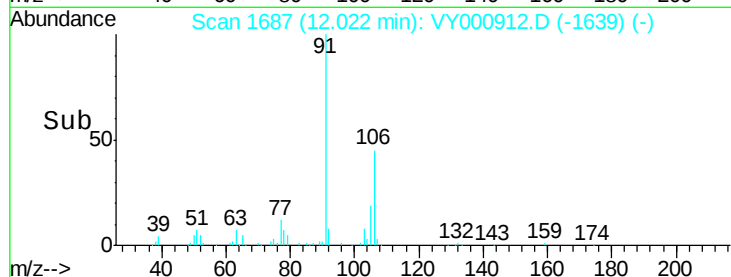
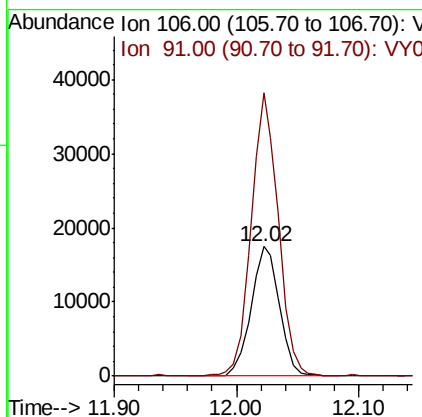
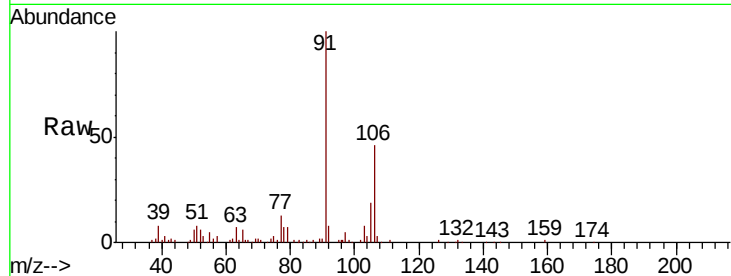




#69
o-Xylene
Concen: 4.790 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY000912.D
Acq: 09 Dec 2019 13:37

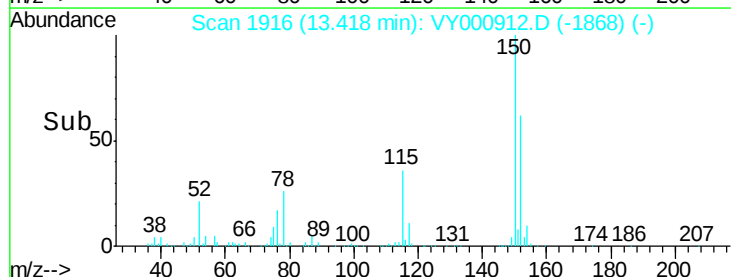
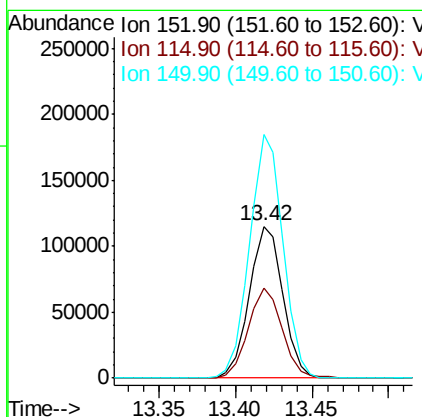
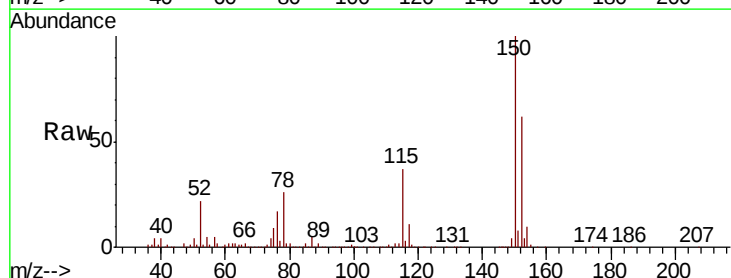
Instrument :
MSVOA_Y
ClientSampled :
CL-01-120619

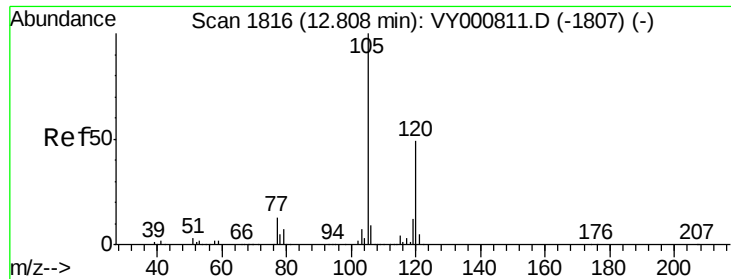
Tot Ion:106 Resp: 28025
Ion Ratio Lower Upper
106 100
91 210.5 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000912.D
Acq: 09 Dec 2019 13:37

Tgt Ion:152 Resp: 175949
Ion Ratio Lower Upper
152 100
115 59.5 29.3 87.8
150 159.4 0.0 351.2





#80

1,3,5-Trimethylbenzene

Concen: 3.594 ug/l

RT: 12.80 min Scan# 1815

Delta R.T. -0.01 min

Lab File: VY000912.D

Acq: 09 Dec 2019 13:37

Instrument :

MSVOA_Y

ClientSampleId :

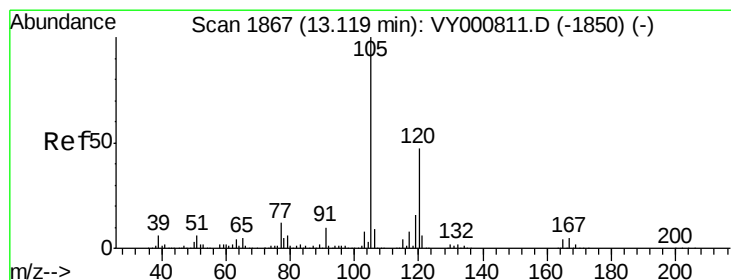
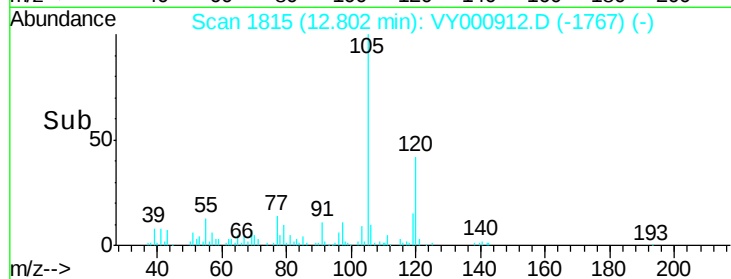
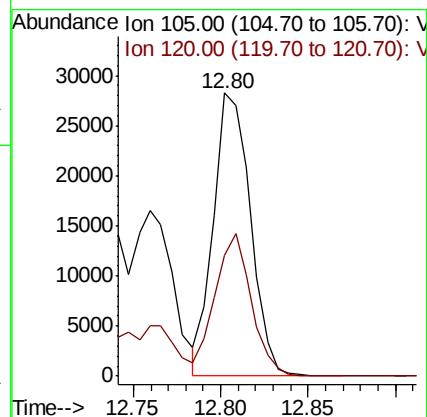
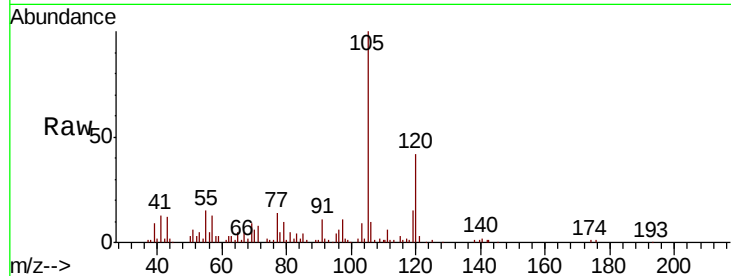
CL-01-120619

Tot Ion:105 Resp: 41684

Ion Ratio Lower Upper

105 100

120 49.2 24.6 74.0



#84

1,2,4-Trimethylbenzene

Concen: 7.890 ug/l

RT: 13.11 min Scan# 1866

Delta R.T. -0.01 min

Lab File: VY000912.D

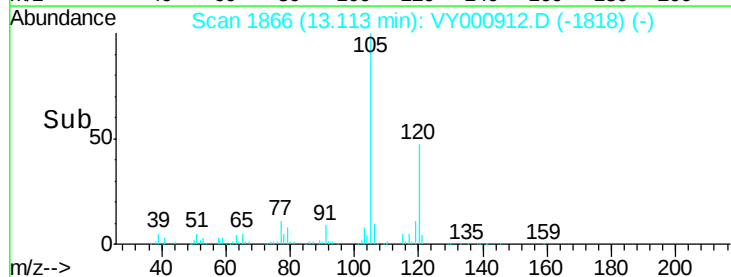
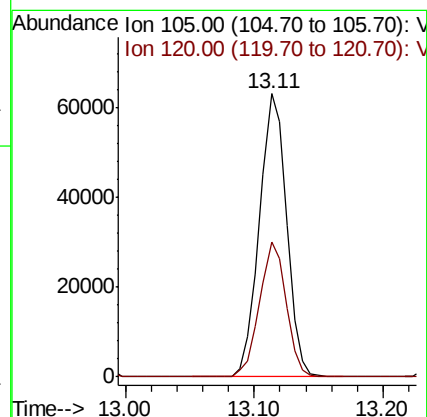
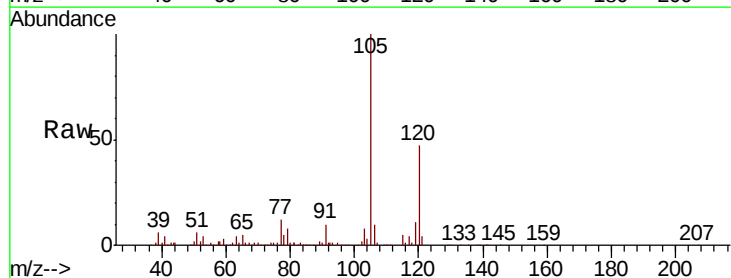
Acq: 09 Dec 2019 13:37

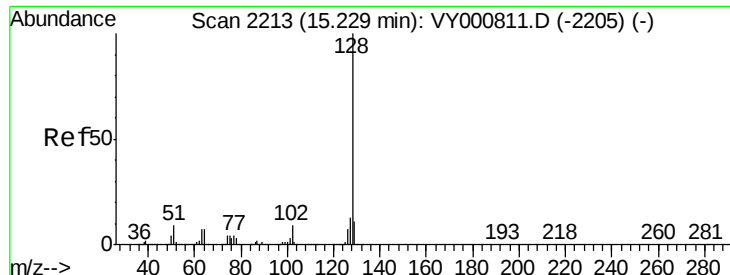
Tgt Ion:105 Resp: 91564

Ion Ratio Lower Upper

105 100

120 46.8 22.6 67.8





#95

Naphthalene

Concen: 387.741 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VY000912.D

Acq: 09 Dec 2019 13:37

Instrument :

MSVOA_Y

ClientSampleId :

CL-01-120619

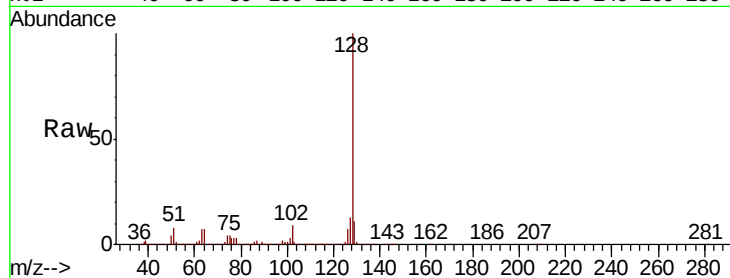
Tot Ion:128 Resp: 3264527

Ion Ratio Lower Upper

128 100

127 12.3 10.1 15.1

129 10.8 8.8 13.2



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

