

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\
 Data File : VY000875.D
 Acq On : 05 Dec 2019 12:20
 Operator : SY/MD
 Sample : K6135-01
 Misc : 7.43G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-34

Quant Time: Dec 06 04:33:06 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	237101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	439230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	374808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	137085	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	142563	56.59	ug/l	0.00
Spiked Amount			Recovery	=	113.18%	
35) Dibromofluoromethane	7.73	113	98186	38.36	ug/l	0.00
Spiked Amount			Recovery	=	76.72%	
50) Toluene-d8	10.18	98	521047	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	12.48	95	155667	40.50	ug/l	0.00
Spiked Amount			Recovery	=	81.00%	

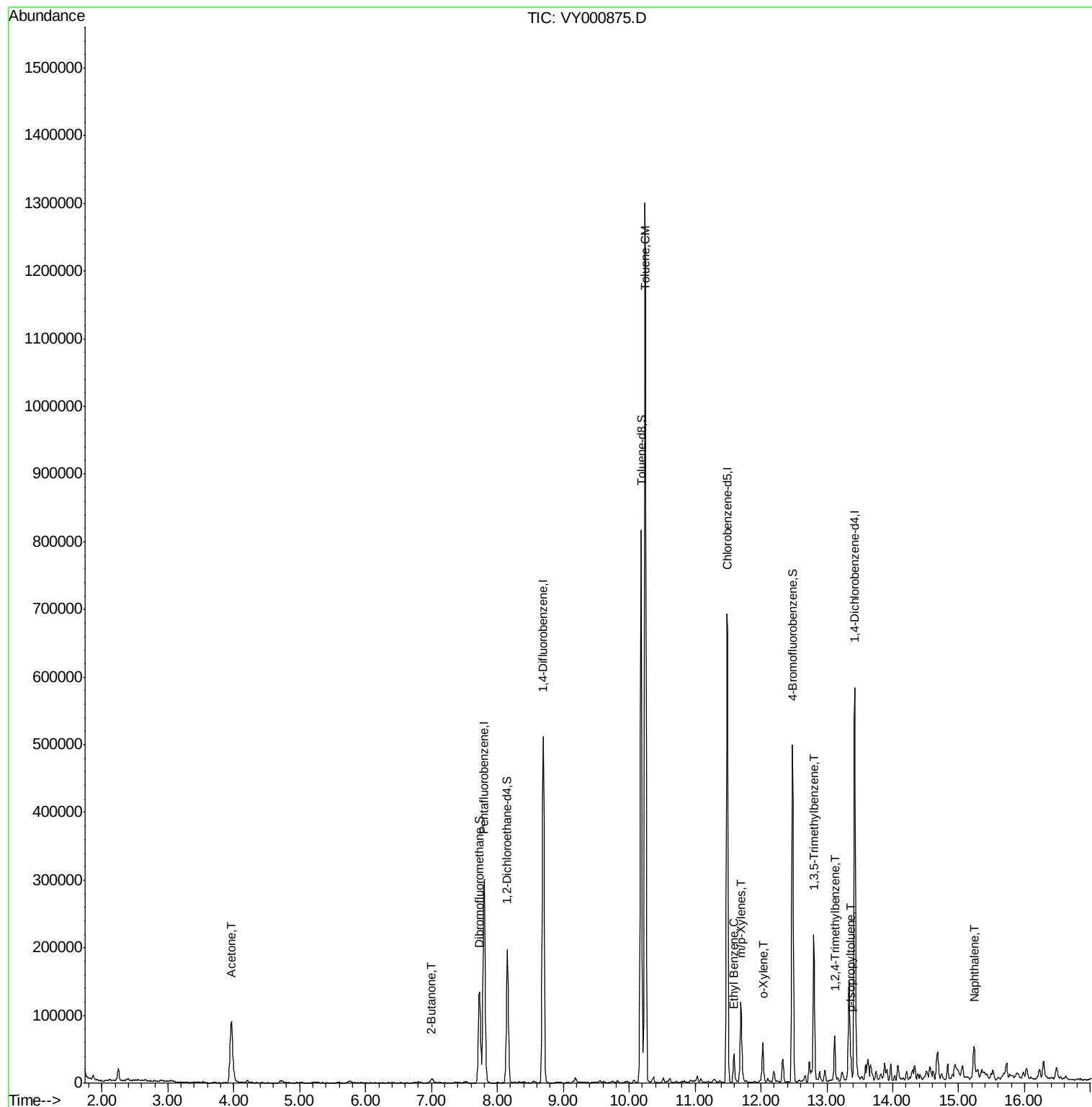
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.96	43	167065	289.066	ug/l	96
25) 2-Butanone	7.00	43	7636	7.152	ug/l	99
52) Toluene	10.24	92	537219	68.207	ug/l	98
67) Ethyl Benzene	11.59	91	26591	1.833	ug/l	98
68) m/p-Xylenes	11.69	106	35642	6.544	ug/l	98
69) o-Xylene	12.03	106	13081	2.576	ug/l	95
80) 1,3,5-Trimethylbenzene	12.81	105	11961	1.324	ug/l	83
84) 1,2,4-Trimethylbenzene	13.12	105	30704	3.396	ug/l	93
86) p-Isopropyltoluene	13.37	119	17385	1.809	ug/l #	77
95) Naphthalene	15.23	128	36848	5.617	ug/l	98

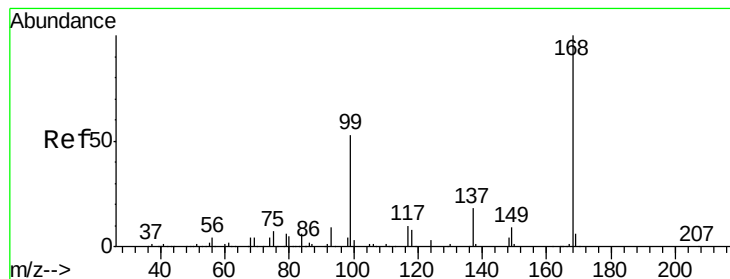
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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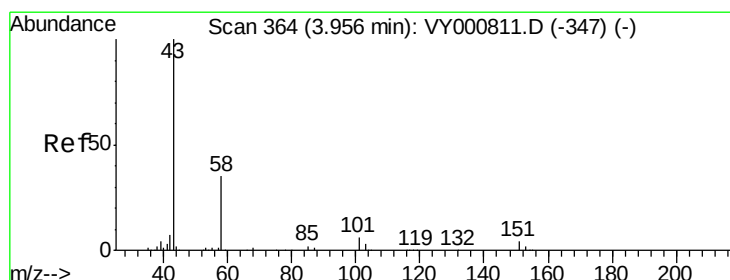
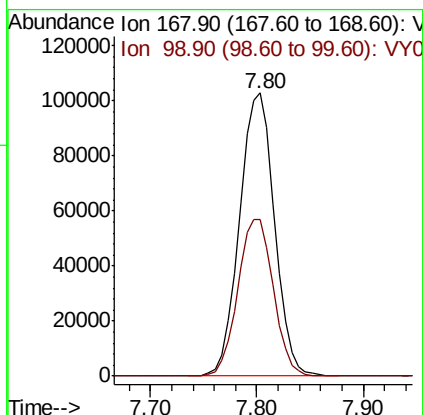
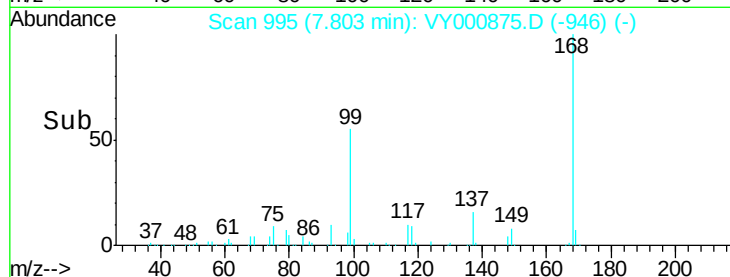
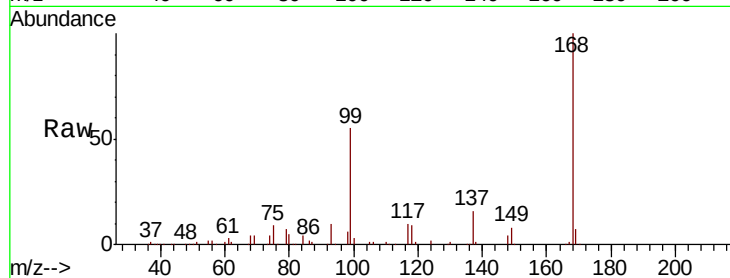




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VY000875.D
 Acq: 05 Dec 2019 12:20

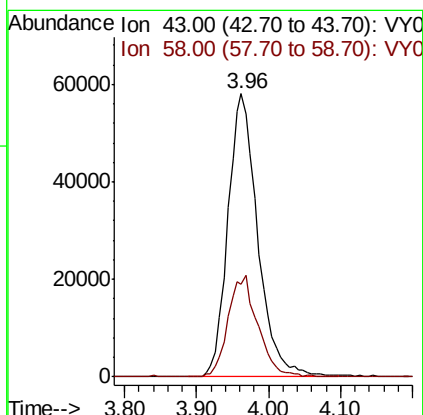
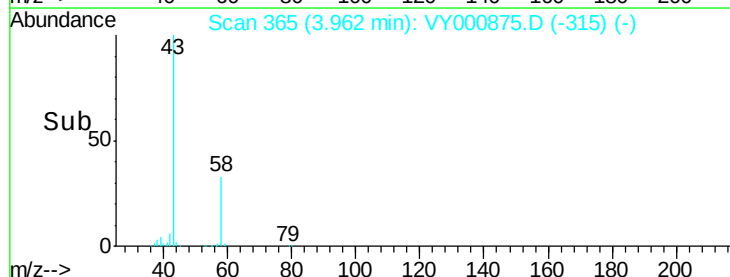
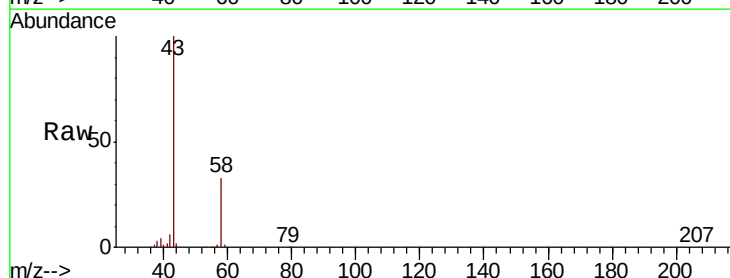
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-34

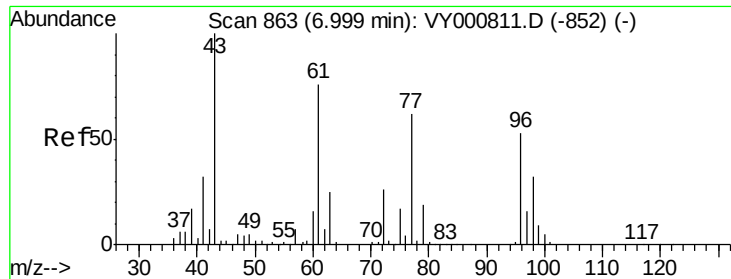
Tot Ion:168 Resp: 237101
 Ion Ratio Lower Upper
 168 100
 99 55.5 45.0 67.6



#16
 Acetone
 Concen: 289.066 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY000875.D
 Acq: 05 Dec 2019 12:20

Tgt Ion: 43 Resp: 167065
 Ion Ratio Lower Upper
 43 100
 58 32.7 28.0 42.0

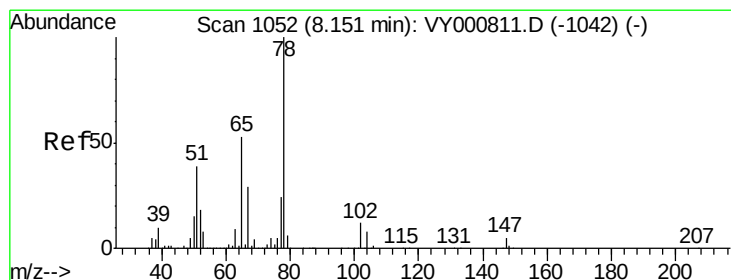
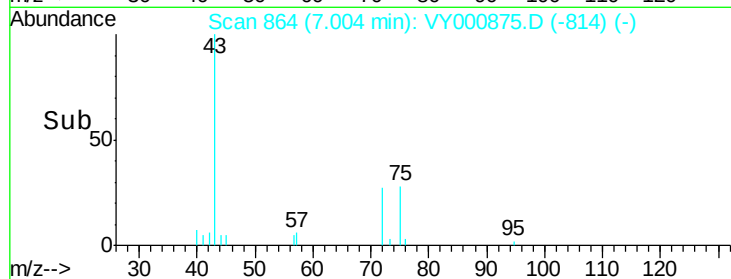
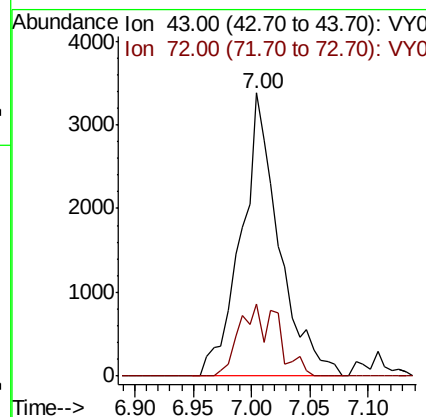
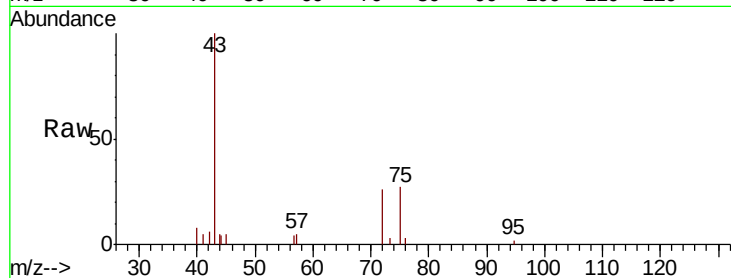




#25
 2-Butanone
 Concen: 7.152 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. 0.01 min
 Lab File: VY000875.D
 Acq: 05 Dec 2019 12:20

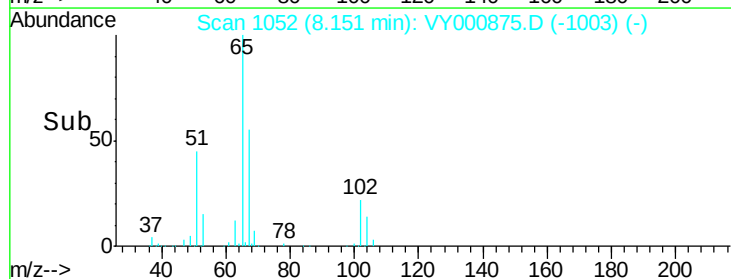
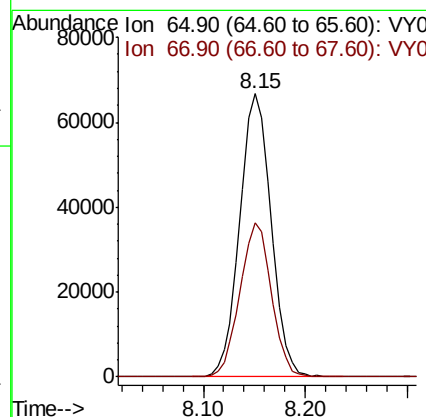
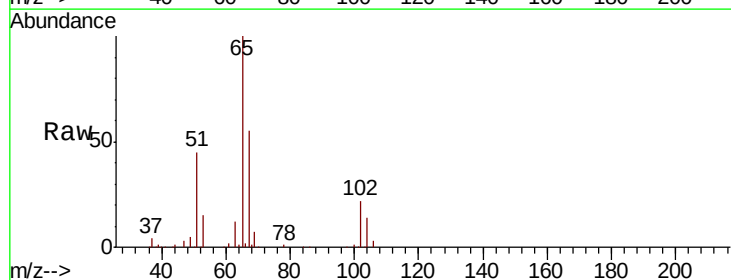
Instrument :
 MSVOA_Y
 ClientSampled :
 VOC-34

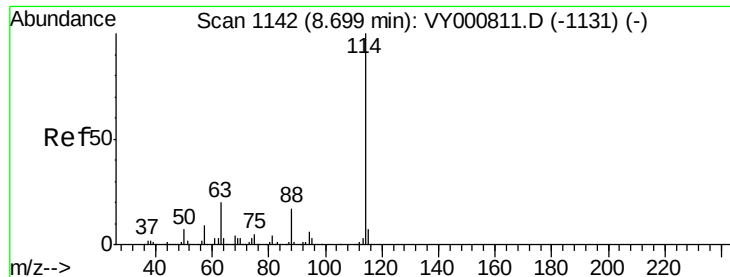
Tot Ion: 43 Resp: 7636
 Ion Ratio Lower Upper
 43 100
 72 25.7 21.0 31.4



#33
 1,2-Dichloroethane-d4
 Concen: 56.586 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000875.D
 Acq: 05 Dec 2019 12:20

Tgt Ion: 65 Resp: 142563
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 112.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000875.D

Acq: 05 Dec 2019 12:20

Instrument :

MSVOA_Y

ClientSampleId :

VOC-34

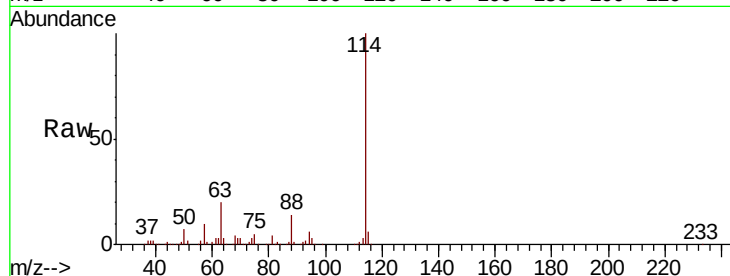
Tot Ion:114 Resp: 439230

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.8

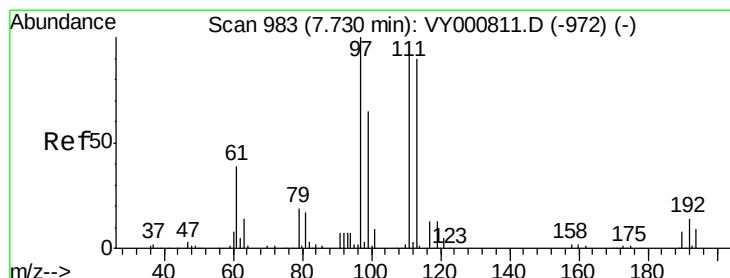
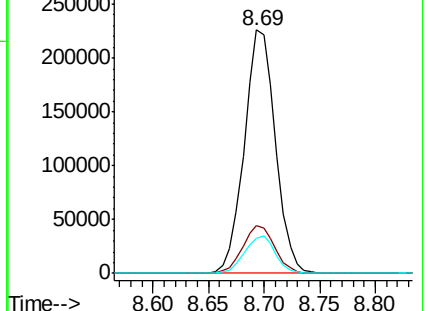
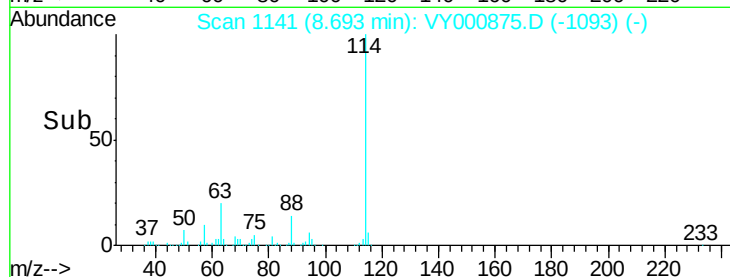
88 14.5 0.0 33.2



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: 38.356 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000875.D

Acq: 05 Dec 2019 12:20

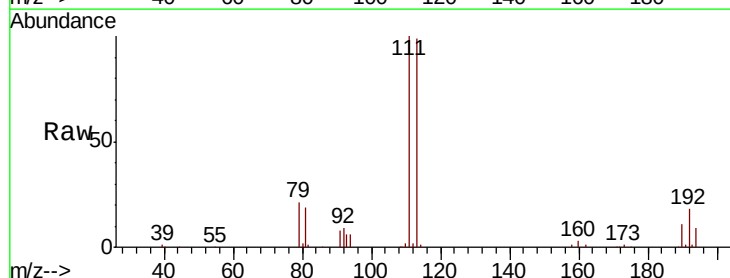
Tgt Ion:113 Resp: 98186

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

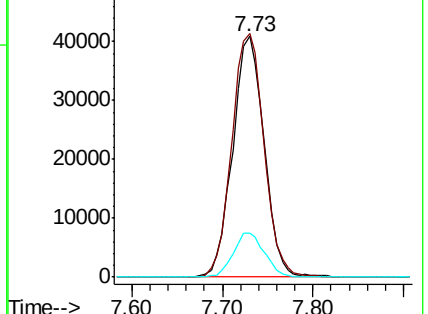
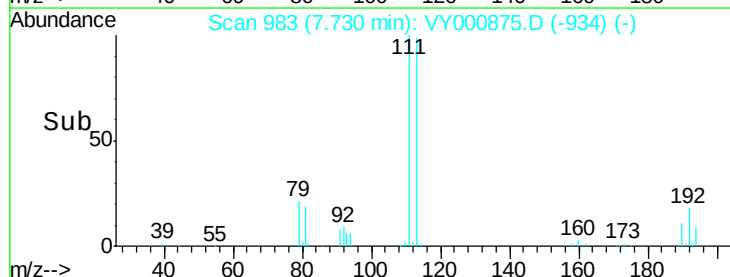
192 18.2 14.2 21.2

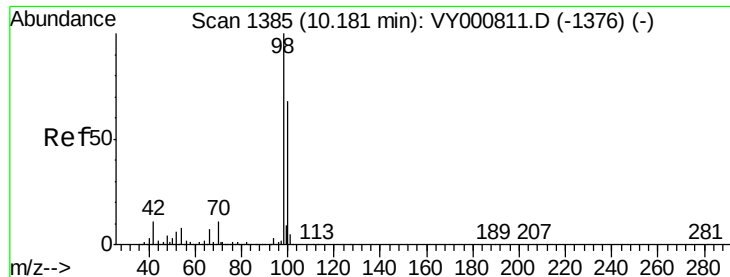


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.913 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000875.D

Acq: 05 Dec 2019 12:20

Instrument :

MSVOA_Y

ClientSampleId :

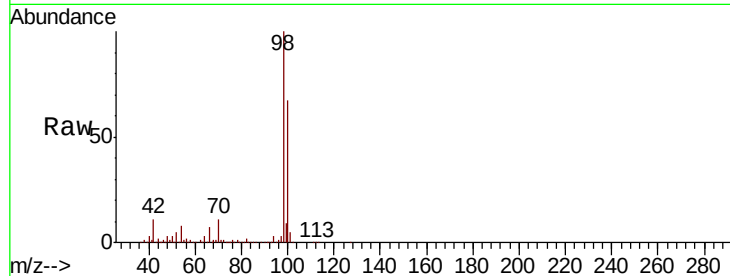
VOC-34

Tot Ion: 98 Resp: 521047

Ion Ratio Lower Upper

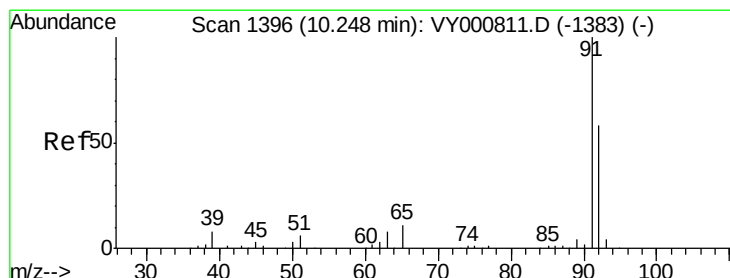
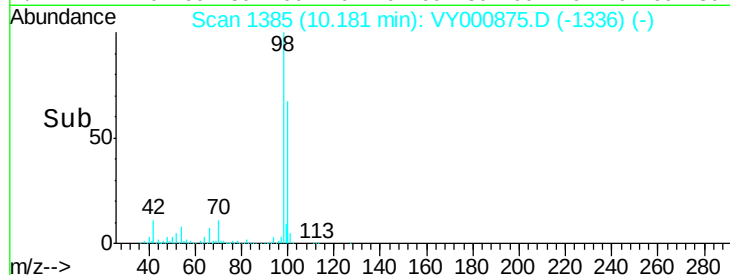
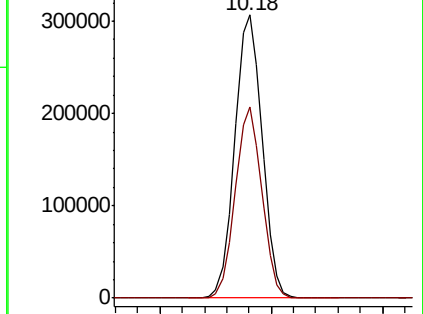
98 100

100 65.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#52

Toluene

Concen: 68.207 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000875.D

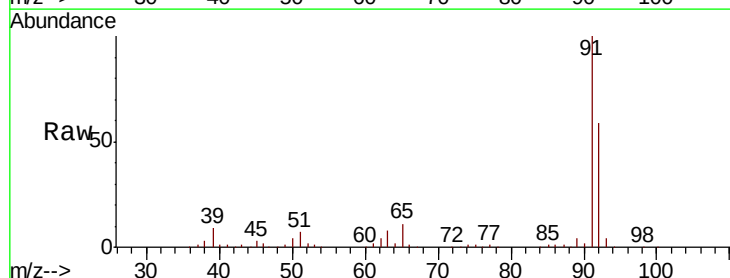
Acq: 05 Dec 2019 12:20

Tgt Ion: 92 Resp: 537219

Ion Ratio Lower Upper

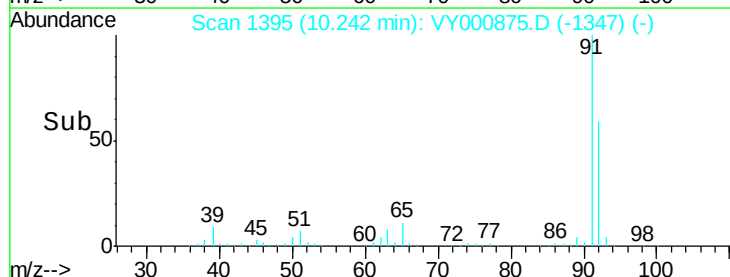
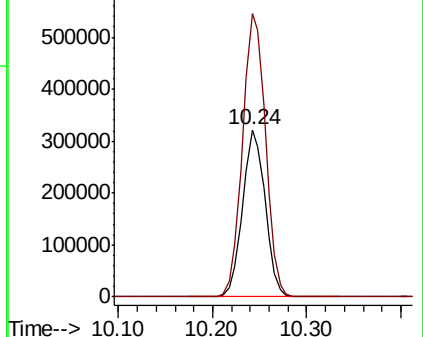
92 100

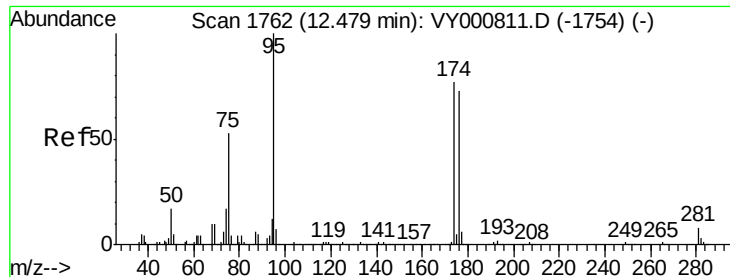
91 173.1 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

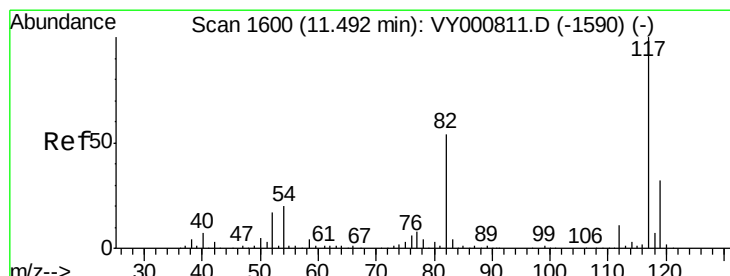
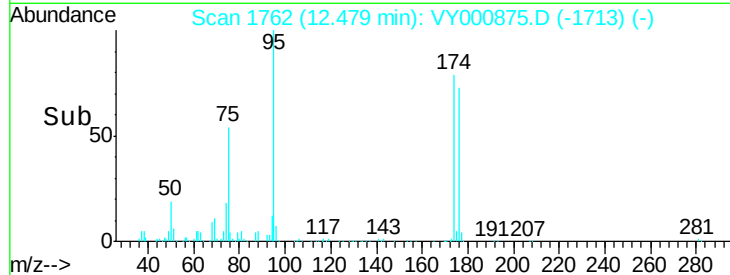
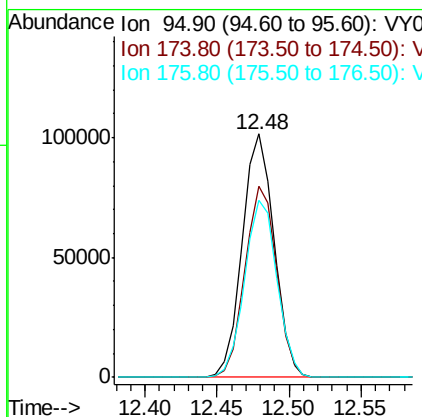
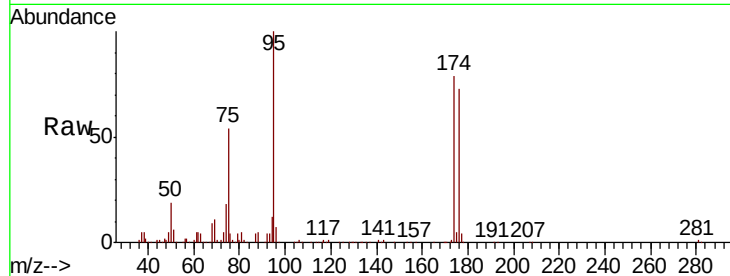




#62
4-Bromofluorobenzene
Concen: 40.502 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000875.D
Acq: 05 Dec 2019 12:20

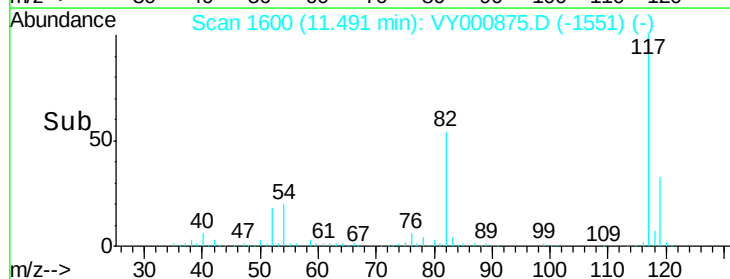
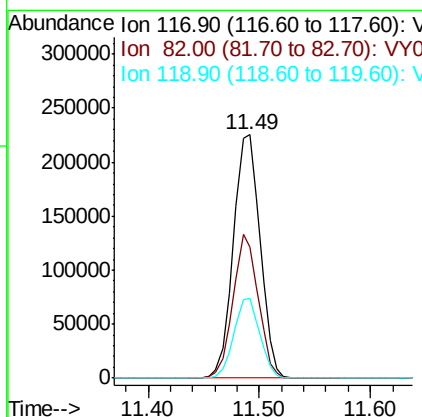
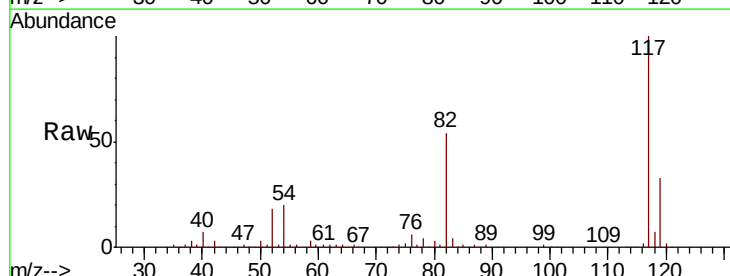
Instrument :
MSVOA_Y
ClientSampled :
VOC-34

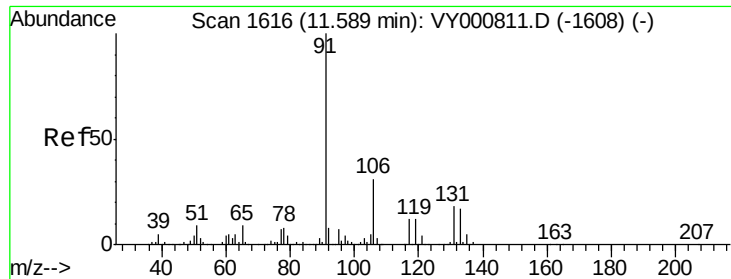
Tot Ion	95	Resp	155667
Ion Ratio	Lower	Upper	
95	100		
174	77.9	0.0	150.6
176	73.8	0.0	145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000875.D
Acq: 05 Dec 2019 12:20

Tgt Ion	117	Resp	374808
Ion Ratio	Lower	Upper	
117	100		
82	53.6	43.1	64.7
119	32.7	25.3	37.9

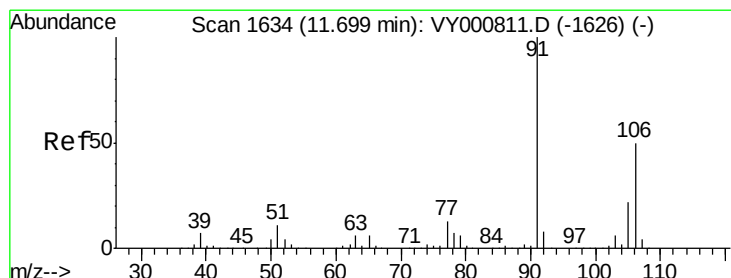
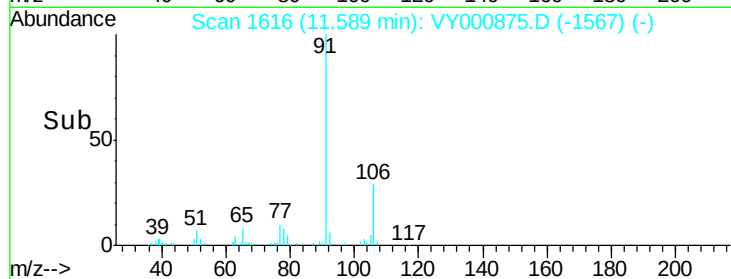
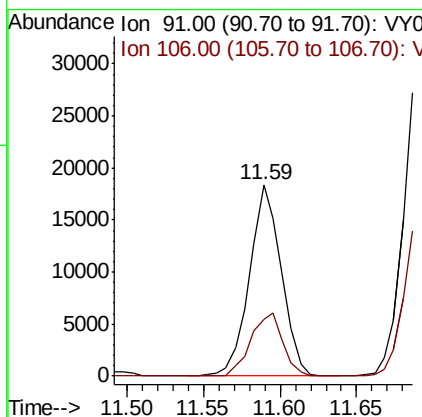
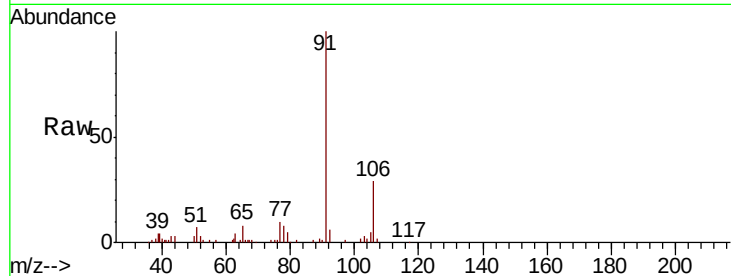




#67
Ethyl Benzene
Concen: 1.833 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000875.D
Acq: 05 Dec 2019 12:20

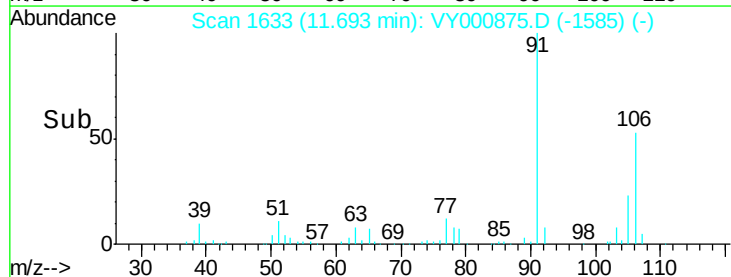
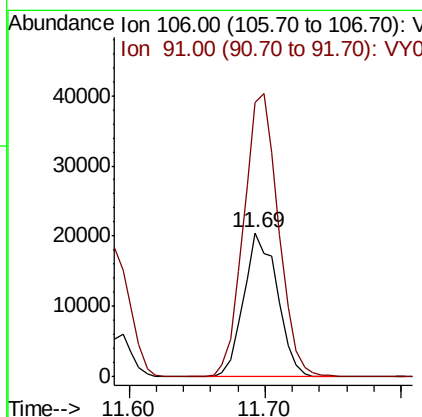
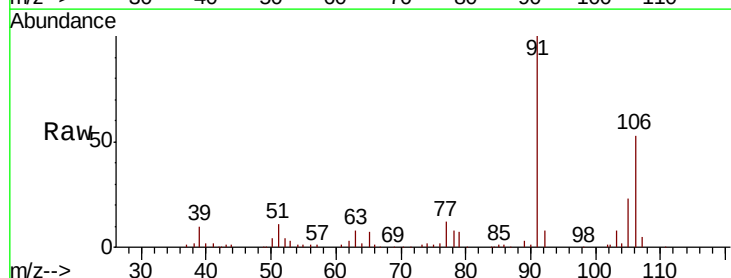
Instrument :
MSVOA_Y
ClientSampleId :
VOC-34

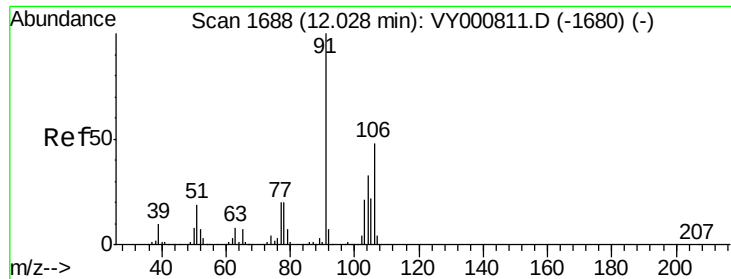
Tot Ion: 91 Resp: 26591
Ion Ratio Lower Upper
91 100
106 29.4 24.4 36.6



#68
m/p-Xylenes
Concen: 6.544 ug/l
RT: 11.69 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VY000875.D
Acq: 05 Dec 2019 12:20

Tgt Ion: 106 Resp: 35642
Ion Ratio Lower Upper
106 100
91 202.3 159.6 239.4

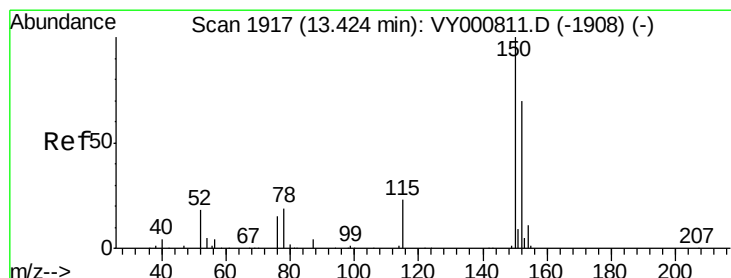
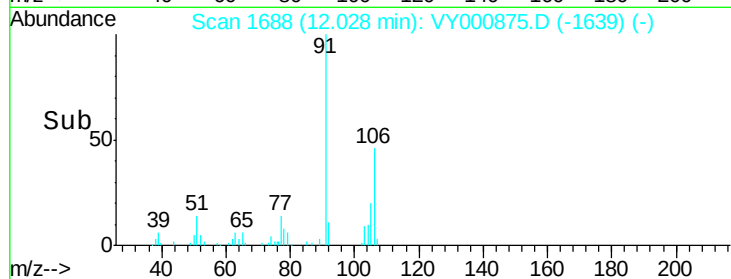
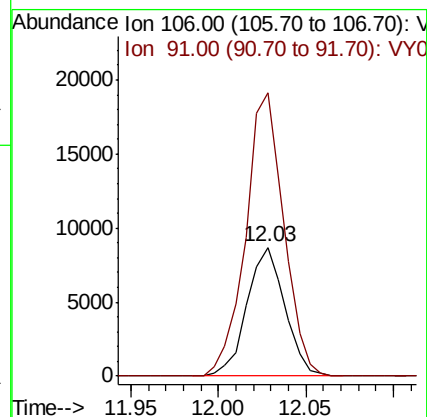
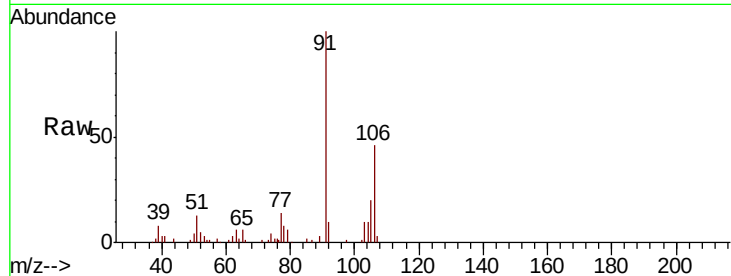




#69
o-Xylene
Concen: 2.576 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000875.D
Acq: 05 Dec 2019 12:20

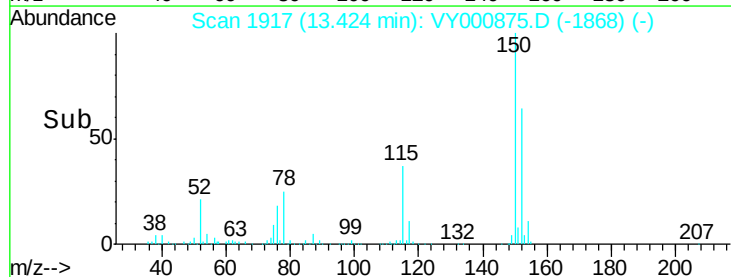
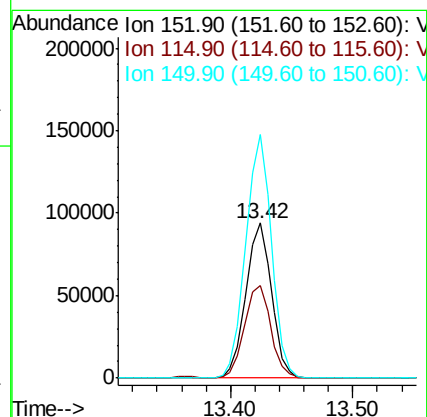
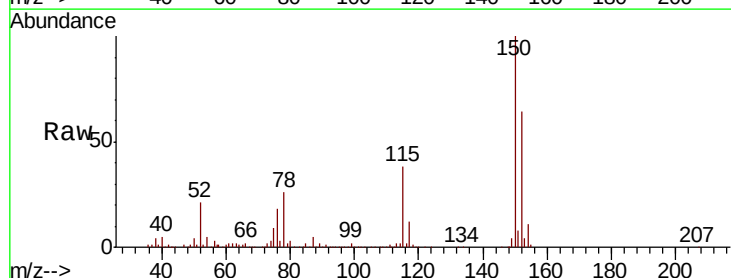
Instrument :
MSVOA_Y
ClientSampled :
VOC-34

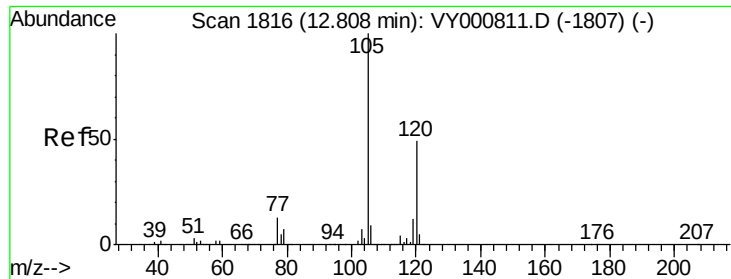
Tot Ion:106 Resp: 13081
Ion Ratio Lower Upper
106 100
91 220.6 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000875.D
Acq: 05 Dec 2019 12:20

Tgt Ion:152 Resp: 137085
Ion Ratio Lower Upper
152 100
115 61.4 29.3 87.8
150 157.2 0.0 351.2

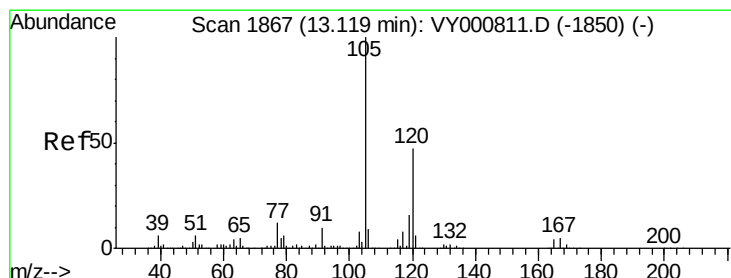
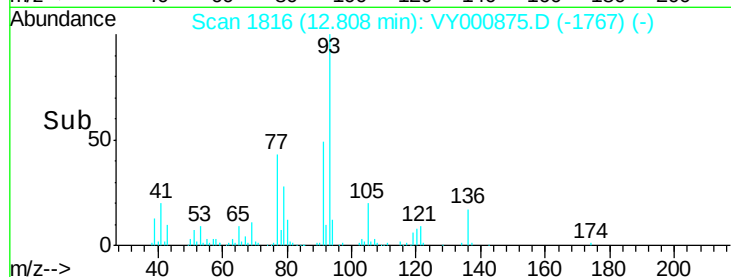
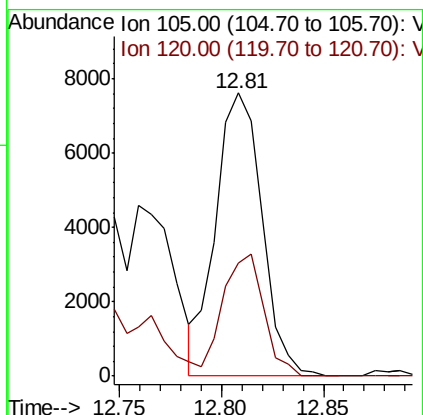
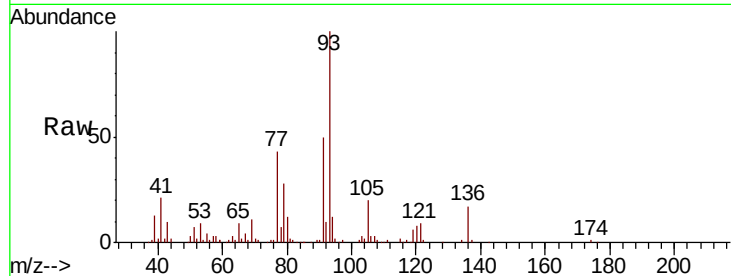




#80
 1,3,5-Trimethylbenzene
 Concen: 1.324 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000875.D
 Acq: 05 Dec 2019 12:20

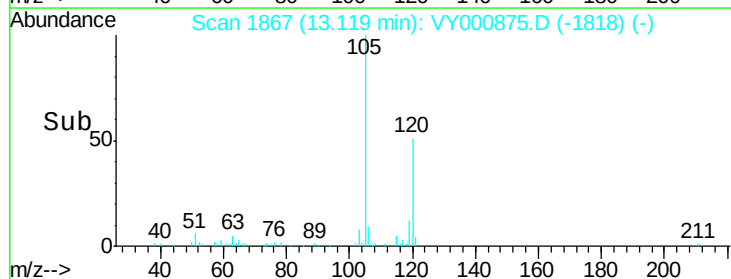
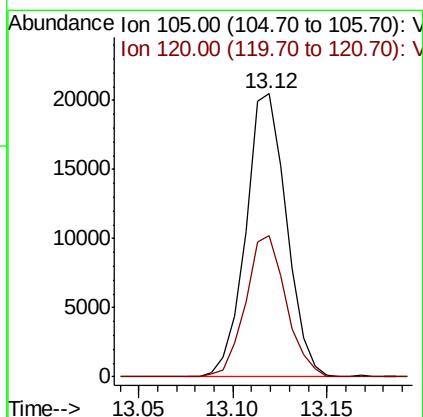
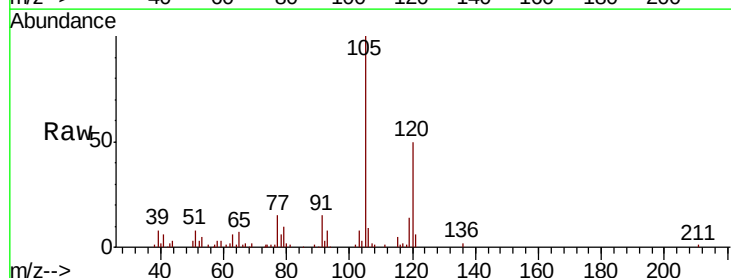
Instrument :
 MSVOA_Y
 ClientSampled :
 VOC-34

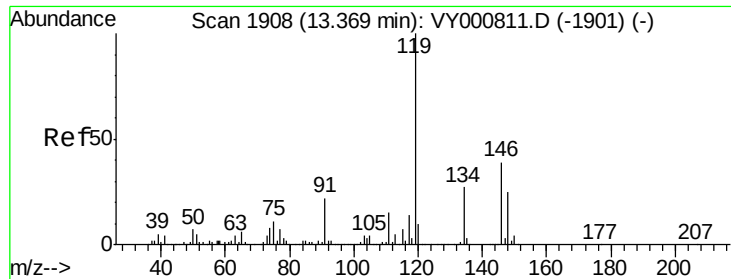
Tot Ion:105 Resp: 11961
 Ion Ratio Lower Upper
 105 100
 120 37.9 24.6 74.0



#84
 1,2,4-Trimethylbenzene
 Concen: 3.396 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000875.D
 Acq: 05 Dec 2019 12:20

Tgt Ion:105 Resp: 30704
 Ion Ratio Lower Upper
 105 100
 120 49.6 22.6 67.8

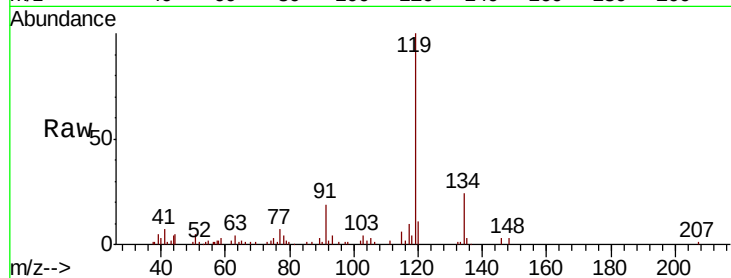




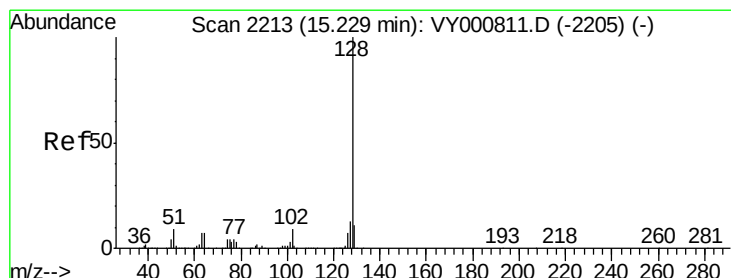
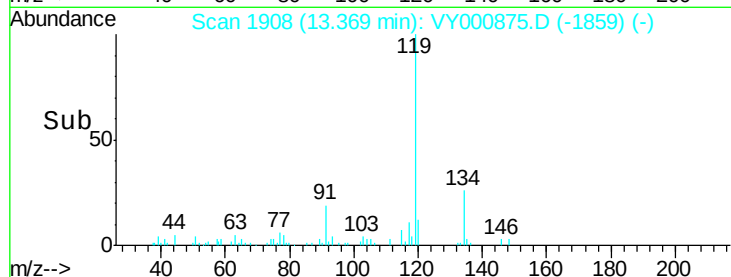
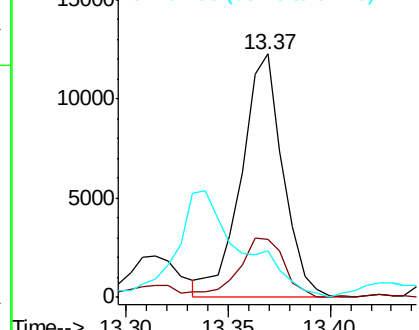
#86
 p-Isopropyltoluene
 Concen: 1.809 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000875.D
 Acq: 05 Dec 2019 12:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-34

Tot Ion:119 Resp: 17385
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.5 40.4
 91 0.0 11.5 34.5#

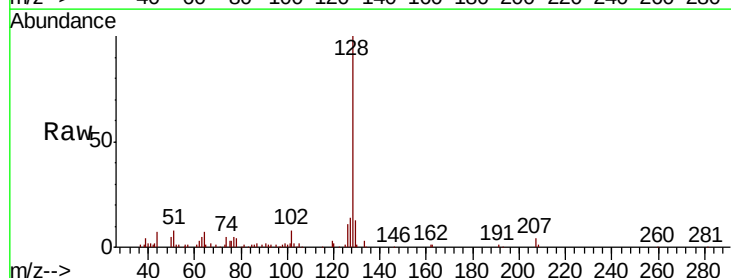


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V



#95
 Naphthalene
 Concen: 5.617 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. 0.01 min
 Lab File: VY000875.D
 Acq: 05 Dec 2019 12:20

Tgt Ion:128 Resp: 36848
 Ion Ratio Lower Upper
 128 100
 127 14.1 10.1 15.1
 129 11.4 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

