

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000843.D
 Acq On : 03 Dec 2019 17:03
 Operator : SY/MD
 Sample : K6120-07
 Misc : 7.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-5

Quant Time: Dec 04 01:27:23 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

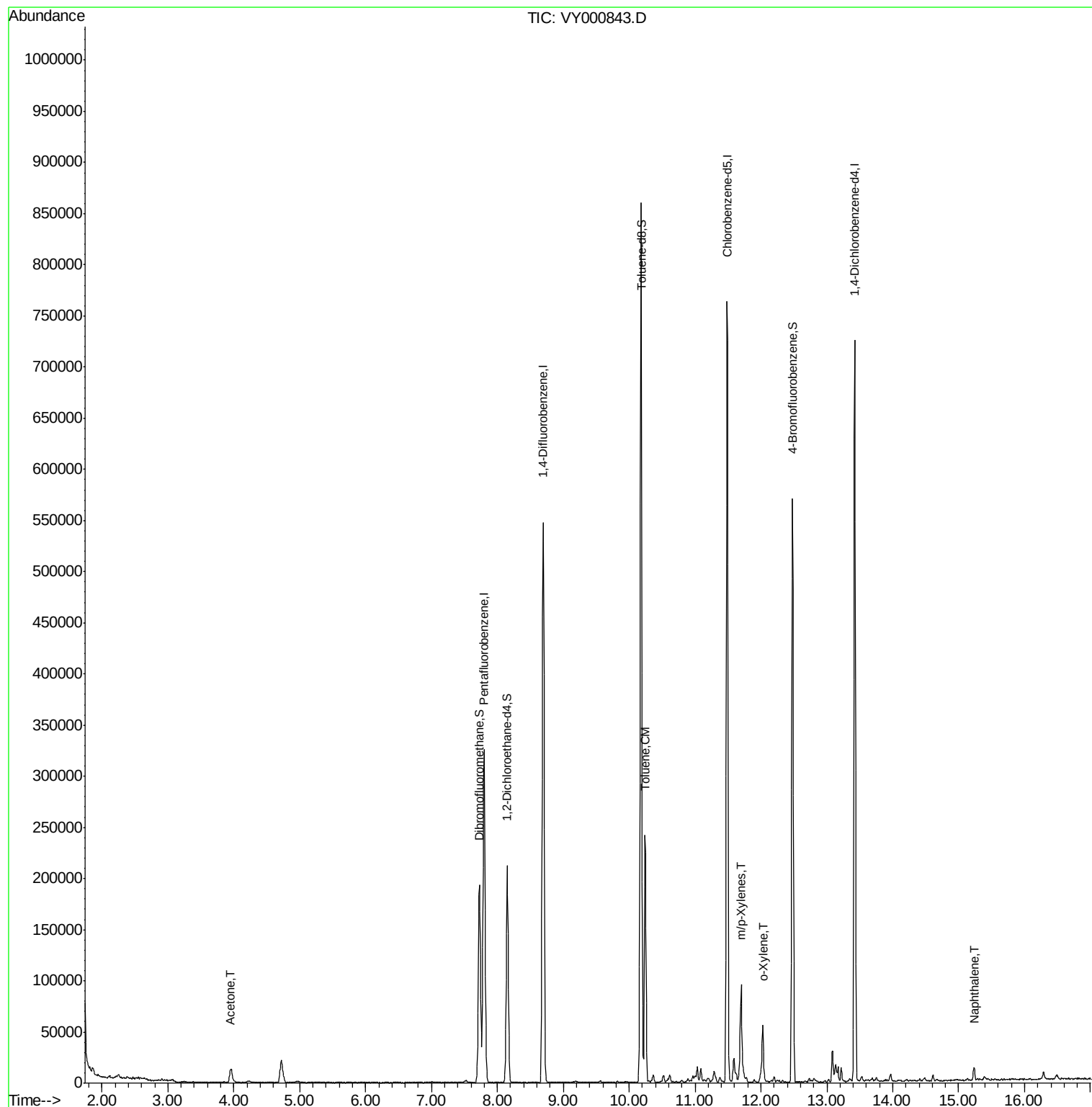
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	247829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	463810	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	407213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	170780	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	153509	58.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.58%	
35) Dibromofluoromethane	7.73	113	136098	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	10.18	98	550885	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.48	95	181769	44.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.58%	
Target Compounds						
16) Acetone	3.95	43	22288	36.895	ug/l	91
52) Toluene	10.24	92	99966	12.019	ug/l	97
68) m/p-Xylenes	11.70	106	28557	4.826	ug/l	96
69) o-Xylene	12.03	106	13288	2.409	ug/l	97
95) Naphthalene	15.23	128	9793	1.198	ug/l #	93

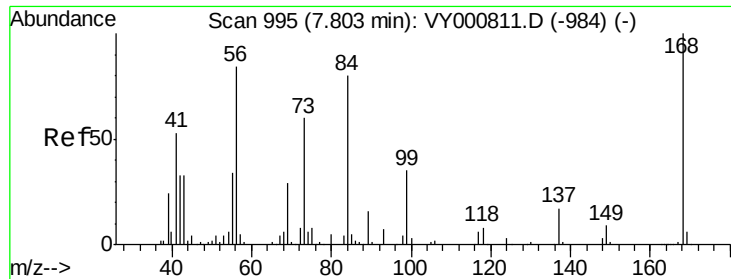
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
Data File : VY000843.D
Acq On : 03 Dec 2019 17:03
Operator : SY/MD
Sample : K6120-07
Misc : 7.88G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TH-5

Quant Time: Dec 04 01:27:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
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: VY000843.D

Acq: 03 Dec 2019 17:03

Instrument :

MSVOA_Y

ClientSampleId :

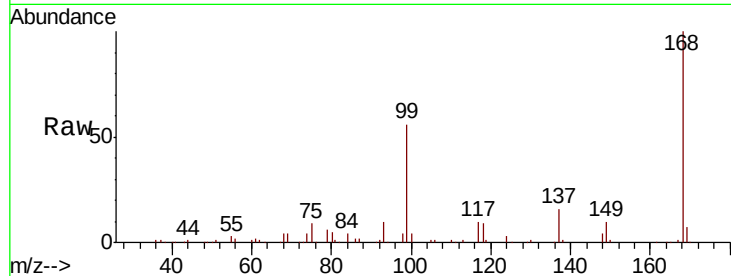
TH-5

Tot Ion:168 Resp: 247829

Ion Ratio Lower Upper

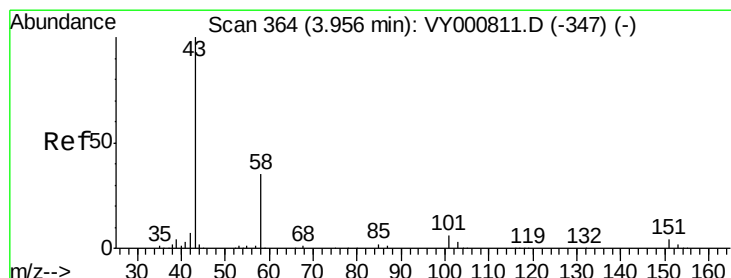
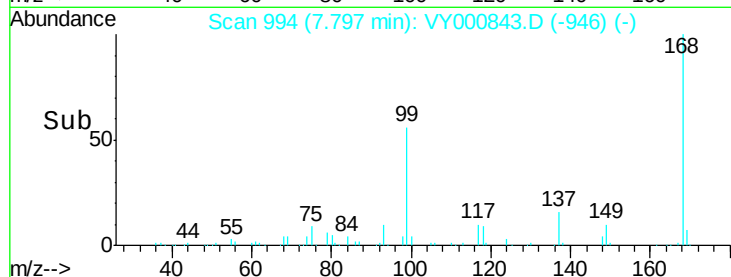
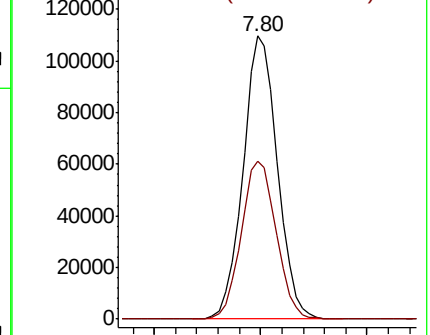
168 100

99 55.7 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)



#16

Acetone

Concen: 36.895 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000843.D

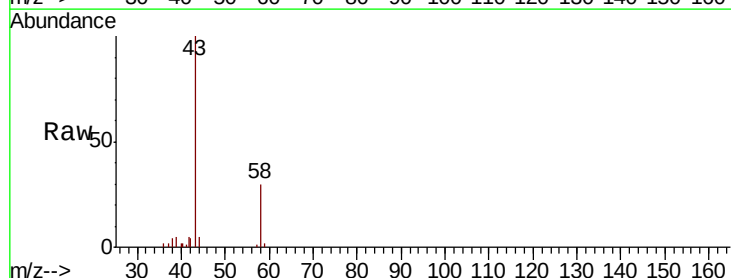
Acq: 03 Dec 2019 17:03

Tgt Ion: 43 Resp: 22288

Ion Ratio Lower Upper

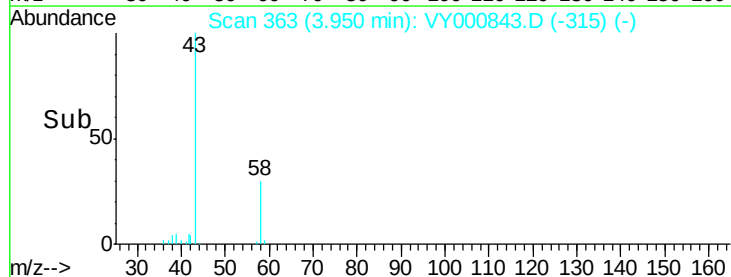
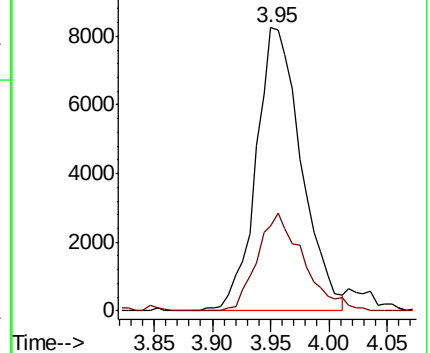
43 100

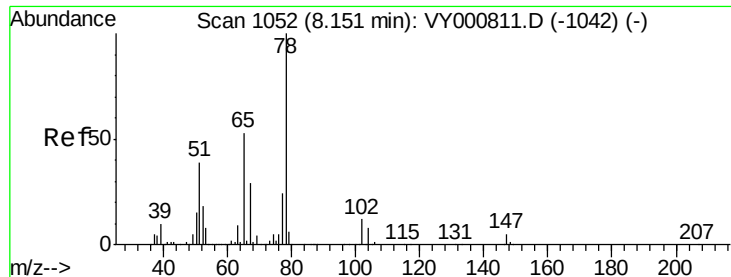
58 29.9 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VY000811.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000811.D (-347) (-)

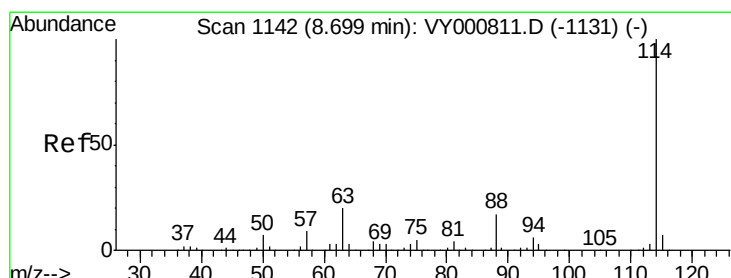
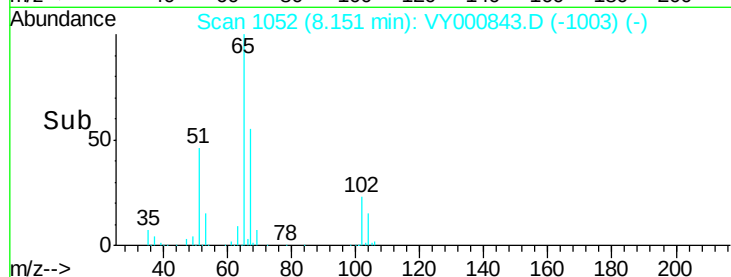
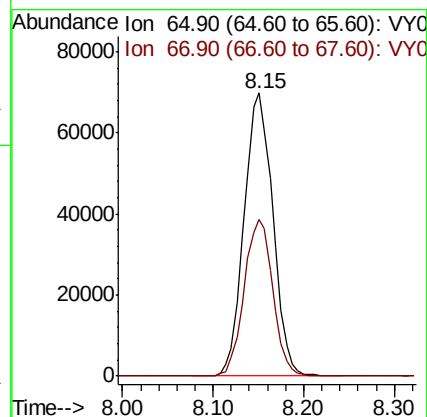
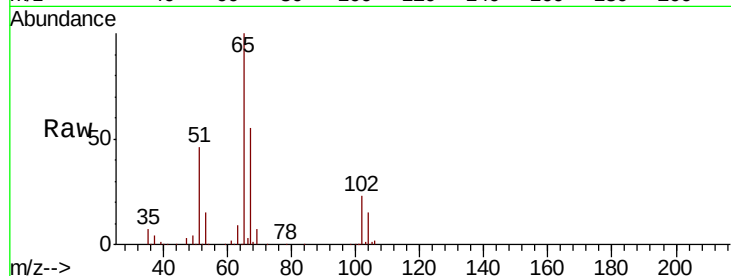




#33
 1,2-Dichloroethane-d4
 Concen: 58.293 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000843.D
 Acq: 03 Dec 2019 17:03

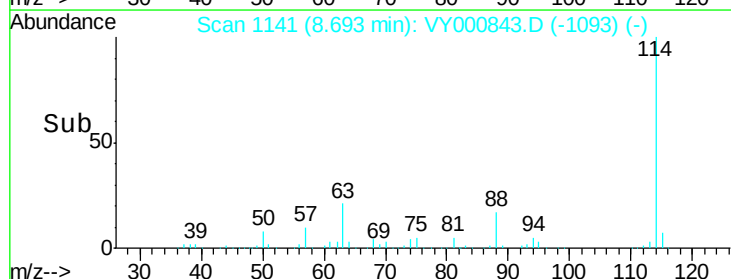
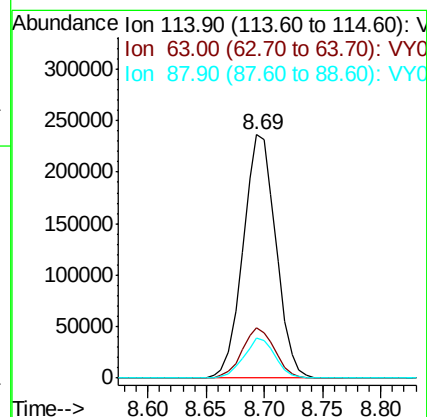
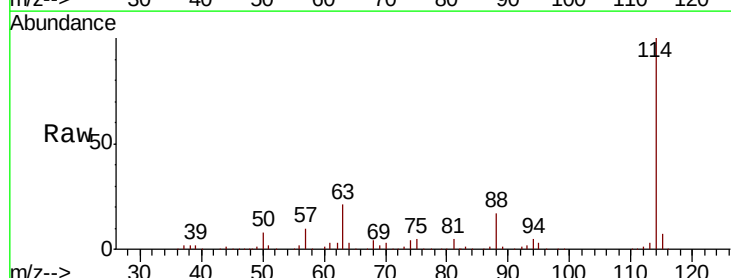
Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-5

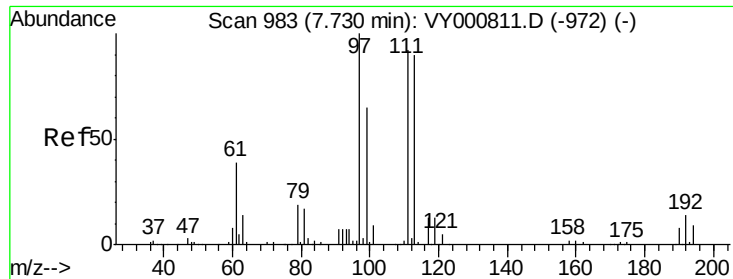
Tot Ion: 65 Resp: 153509
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000843.D
 Acq: 03 Dec 2019 17:03

Tgt Ion: 114 Resp: 463810
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.8
 88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.349 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000843.D

Acq: 03 Dec 2019 17:03

Instrument :

MSVOA_Y

ClientSampleId :

TH-5

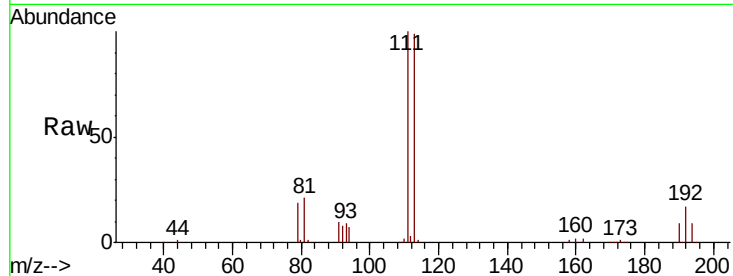
Tot Ion:113 Resp: 136098

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

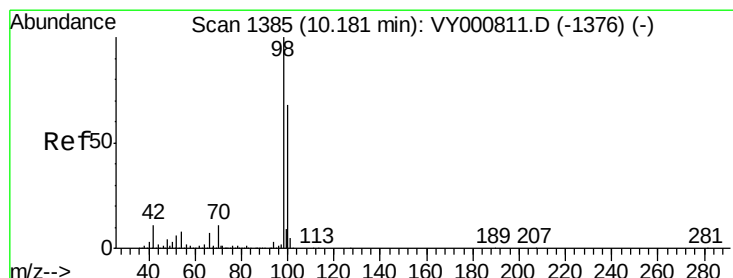
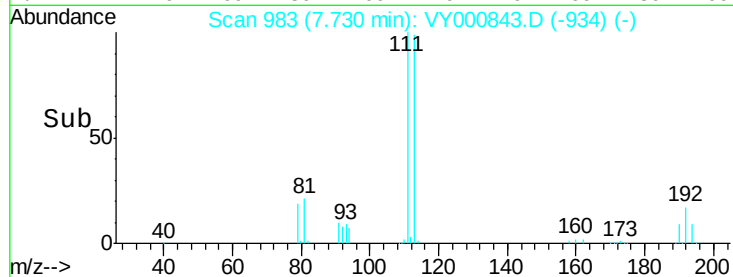
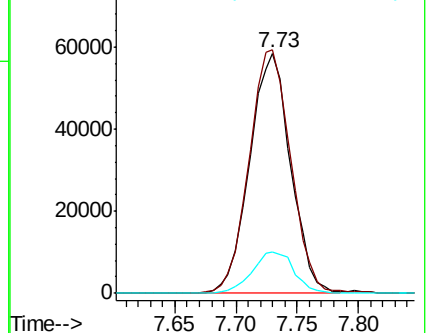
192 17.8 14.2 21.2



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: 50.976 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000843.D

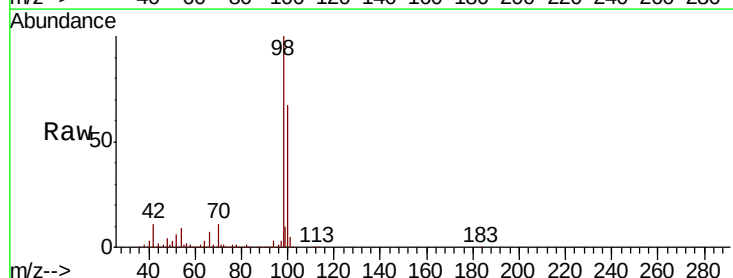
Acq: 03 Dec 2019 17:03

Tgt Ion: 98 Resp: 550885

Ion Ratio Lower Upper

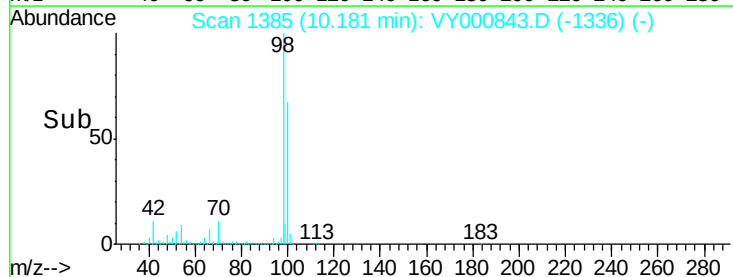
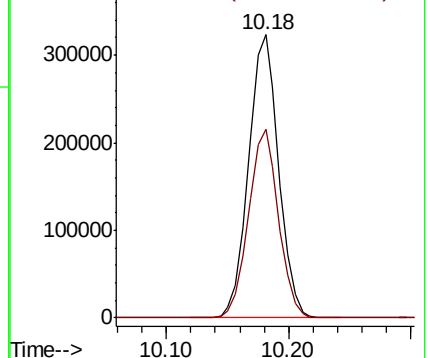
98 100

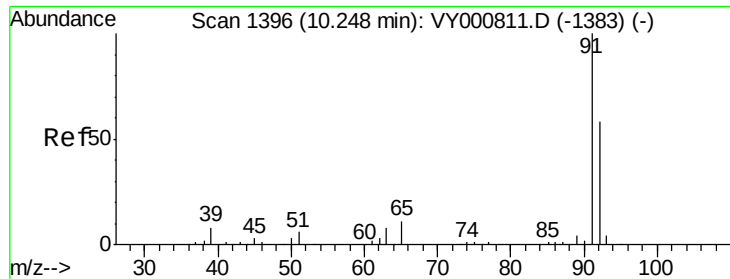
100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#52

Toluene

Concen: 12.019 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000843.D

Acq: 03 Dec 2019 17:03

Instrument :

MSVOA_Y

ClientSampled :

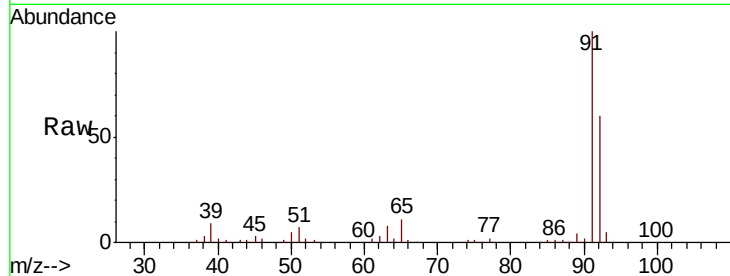
TH-5

Tot Ion: 92 Resp: 99966

Ion Ratio Lower Upper

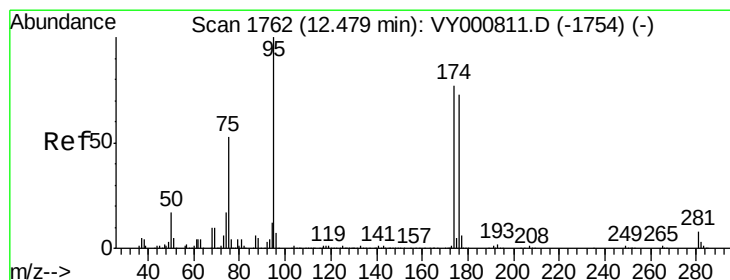
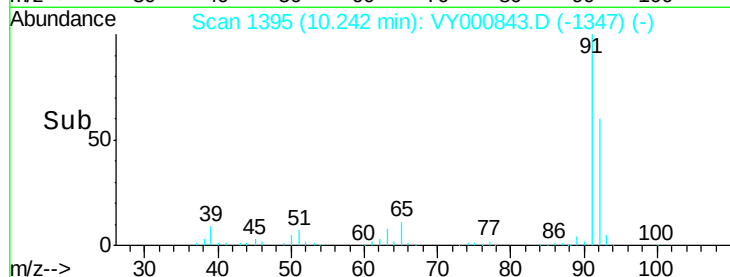
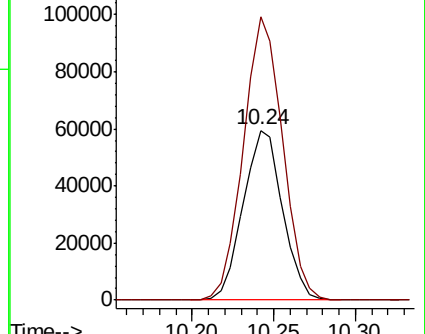
92 100

91 166.1 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0



#62

4-Bromofluorobenzene

Concen: 44.787 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000843.D

Acq: 03 Dec 2019 17:03

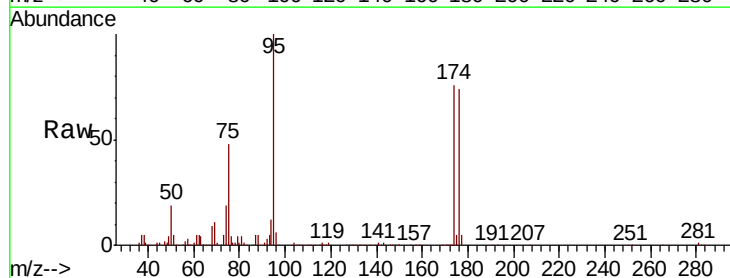
Tgt Ion: 95 Resp: 181769

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.6

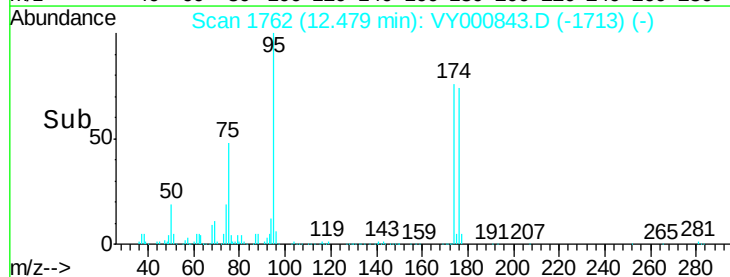
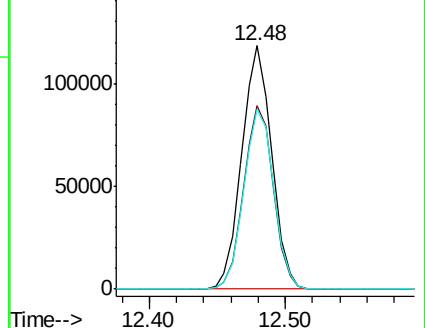
176 74.3 0.0 145.2

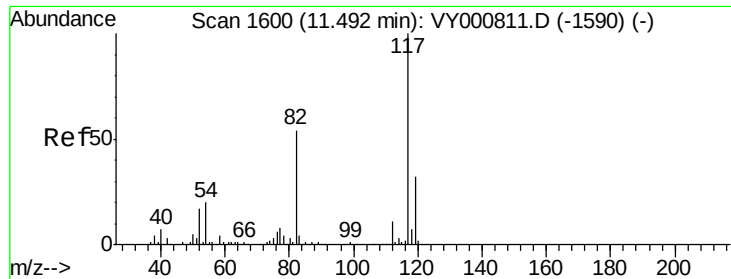


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

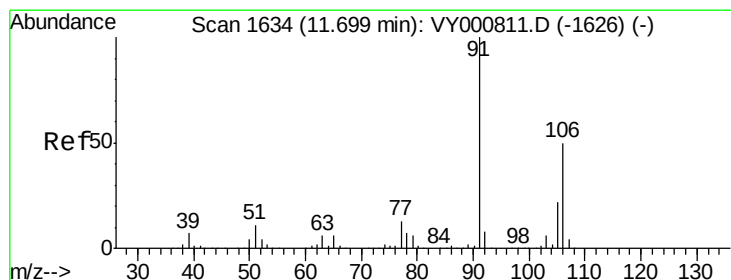
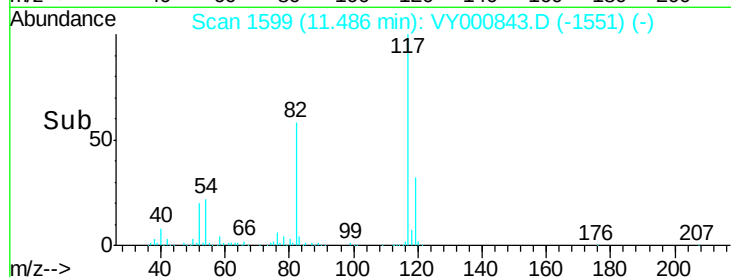
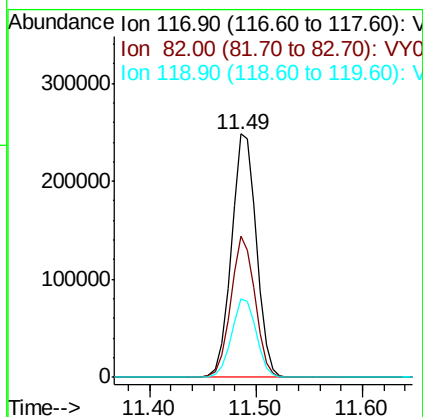
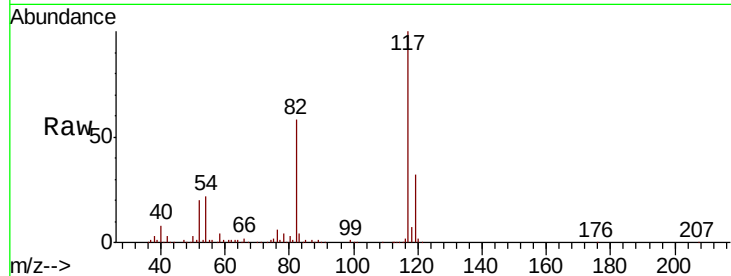




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000843.D
Acq: 03 Dec 2019 17:03

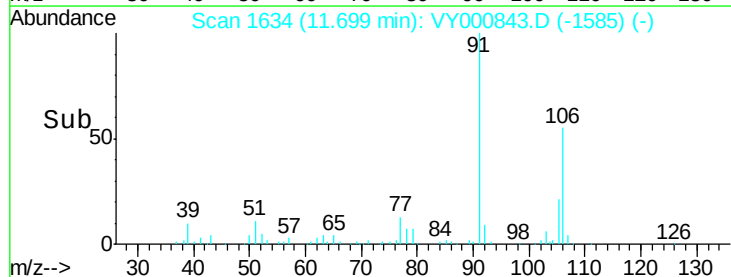
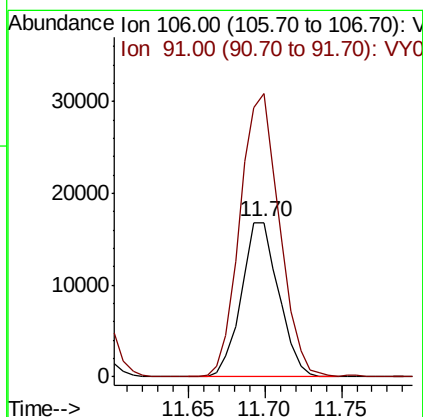
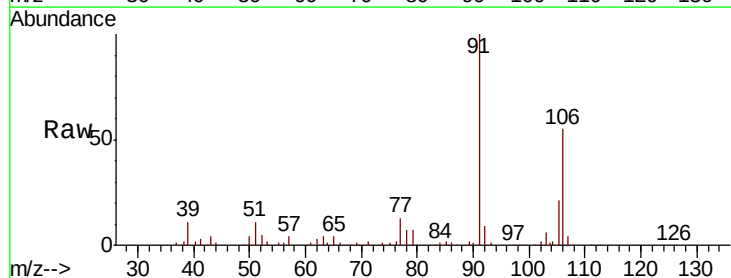
Instrument :
MSVOA_Y
ClientSampleId :
TH-5

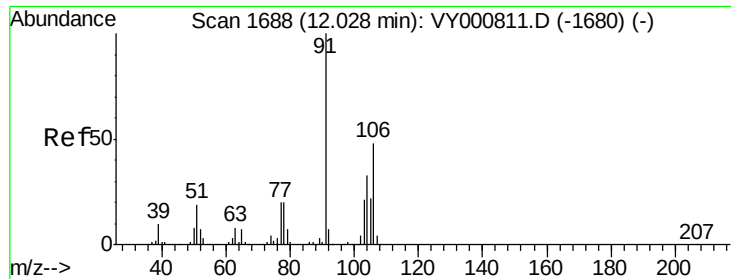
Tot Ion:117 Resp: 407213
Ion Ratio Lower Upper
117 100
82 58.0 43.1 64.7
119 32.4 25.3 37.9



#68
m/p-Xylenes
Concen: 4.826 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000843.D
Acq: 03 Dec 2019 17:03

Tgt Ion:106 Resp: 28557
Ion Ratio Lower Upper
106 100
91 193.2 159.6 239.4

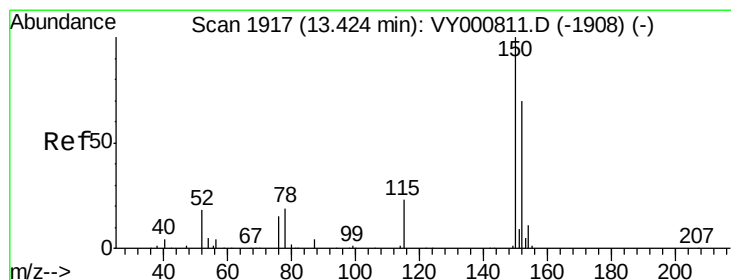
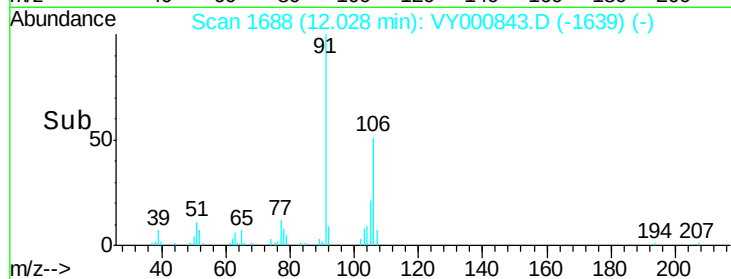
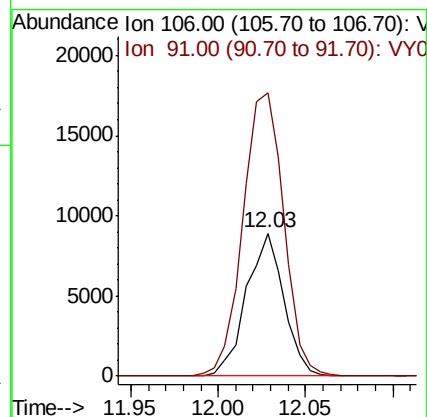
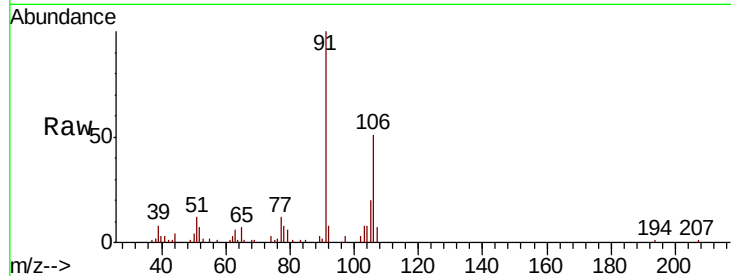




#69
o-Xylene
Concen: 2.409 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000843.D
Acq: 03 Dec 2019 17:03

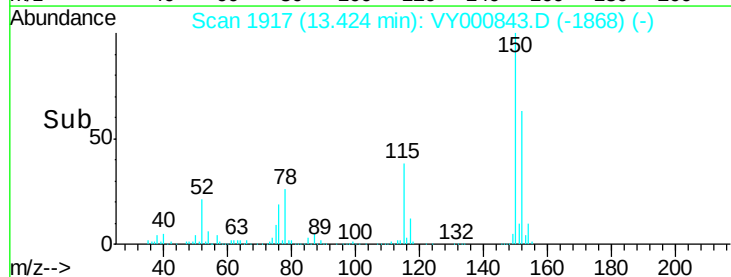
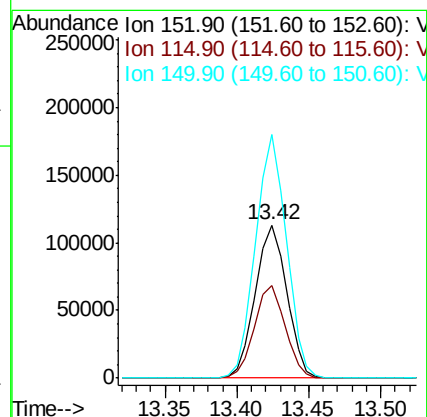
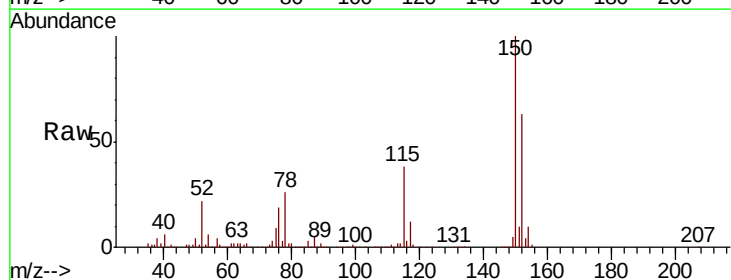
Instrument :
MSVOA_Y
ClientSampled :
TH-5

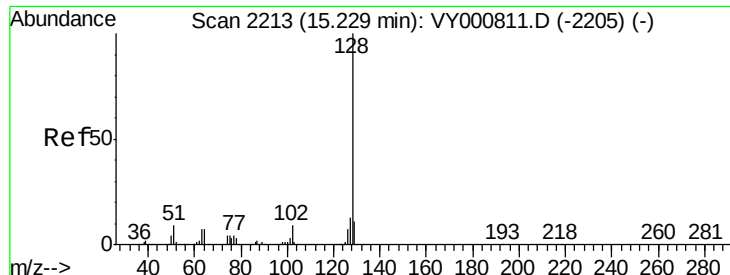
Tot Ion:106 Resp: 13288
Ion Ratio Lower Upper
106 100
91 216.0 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000843.D
Acq: 03 Dec 2019 17:03

Tgt Ion:152 Resp: 170780
Ion Ratio Lower Upper
152 100
115 59.6 29.3 87.8
150 156.0 0.0 351.2

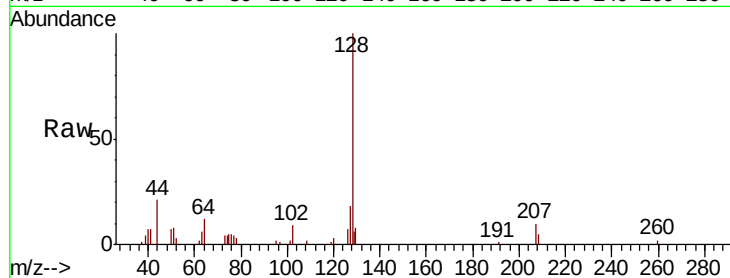




#95
 Naphthalene
 Concen: 1.198 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. 0.01 min
 Lab File: VY000843.D
 Acq: 03 Dec 2019 17:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 TH-5

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.1	15.1#
129	13.2	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

